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Makenna Cerney

Bucknell, mc080@bucknell.edu

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**BIKING AT BUCKNELL: THE EVALUATION OF THE BUILT ENVIRONMENT,
SOCIAL ENVIRONMENT, AND INDIVIDUAL BEHAVIOR AND ATTITUDES IN
RELATION TO BIKING AT BUCKNELL UNIVERSITY**

by

Makenna M. Cerney

A Proposal Submitted to the Honors Council

For Honors in Economics

May 13, 2021

Approved by:

Adviser: *Geoffrey Schneider*
Geoffrey Schneider

Second Evaluator in major: *Andrew Stuhl*
Andrew Stuhl

Honors Council Representative: *Jeremy Chow*
Jeremy Chow

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Chapter 1: Introduction and Methods

With a continually growing population, increased traffic, and a heightened emphasis on sustainable practices, biking has attracted many people who would rather choose an active and more environmentally friendly way to travel. Generating a widespread demand for biking has been shown to be possible in European countries, such as Denmark and the Netherlands. The feasibility of bringing this to the United States is often in question, as many localities in the United States are structured around an automobile-centric design. Nevertheless, a shift in transportation practices is possible, as was done in Copenhagen, Denmark when it shifted from an automobile-centric city to a bike-centric city over the past forty years.

Colleges and universities are prime locations to extend the biking practices and knowledge of Denmark and the Netherlands. This thesis looks at how campuses such as Liege, Belgium, University of California, Davis, and Portland State in Portland, Oregon have initiated biking as a popular form of transportation on campus. Through research on the built environment, societal environment, and individual behavior and attitudes, this thesis intends to provide insight on the achievability of a more bikeable campus at Bucknell University.

Prior literature evaluates various case studies pertaining to bike accessibility and consumer behavior (Si et al. 2020; Clifton et al., n.d.; Chevalier, Charlemagne, and Xu 2019; Bruntlett 2018). This literature, as well as Keynes's law¹, demonstrates that the demand for a product creates its own supply: If consumers demonstrate an increase in the demand for bikes and bike-related services, businesses will respond by supplying the desired goods and services.

¹ Keynes's law refers to the repeatedly-confirmed principle in economics where an increase in the demand for a good or service inevitably prompts a supply-response. See Schneider (2019).

This in turn suggests increased demand for biking in the Lewisburg area would result in a heightened supply, thus leading to the development of a robust biking market.

While the previous case studies are interesting, they do not account for all types of communities such as those featuring a small university, difficult terrain, and colder climates. There is a gap in the literature on whether or not the creation of a biking market will affect consumer behavior in any location. Bucknell University is specifically challenged by its hilly terrain, difficult route 15 crossings, and its cold winter months.

A biking market in this thesis is defined by three major contributors: (a) the built environment such as the engineering and construction of bike lanes, parking corrals, and other aspects of the physical infrastructure for biking, (b) the societal environment which includes the norms and communal acceptance of biking, and (c) individual beliefs, behaviors and attitudes toward biking. These three areas form the foundation of the factors that stimulate the demand for biking in the biking market, which in turn drives the supply of biking and biking services. This thesis intends to conduct research on the built environment, societal environment, and attitudes and beliefs to determine which factors would be most likely to increase the demand for biking.

The next section focuses on the methods used to gather data and analyze the topic.

1.1 Survey

To investigate attitudes at Bucknell towards the key aspects of biking, a survey was constructed consisting of four sections on the built environment, societal environment, individual behavior and attitudes, and general demographics. The survey contained twenty-seven questions, three of which are open-ended. Several questions had multiple parts. Questions requiring responses were marked with a red asterisk. The survey contained two questions about demographics which are not marked as required. The survey was released via a link that was sent

by text, GroupMe, email, and other social media platforms. The GroupMe's targeted fraternities and sororities, study groups, OA groups, and class groups. There were students who received the link to take the survey multiple times so that the likelihood of them taking it was higher.

Members that completed the survey were from all class years, and from all different social groups on campus. Students, faculty, staff, and alumni of Bucknell University were invited to participate. They were required to fill out their email address on the form to make sure there were no duplicate responses and to confirm that they attended or were employed by Bucknell. All responses were recorded to an excel document. The survey provided information on a broad range of people. It was easily accessible, in that anyone could take it using the link.

The survey focused primarily on the three main contributors to a biking market: (a) built environment, (b) societal environment, and (c) individual attitudes. The survey contained a variety of questions within these categories, and it asked the participants to rate importance on a scale of 1-5, with 1 being least important, 2 slightly important, 3 important, 4 more important, and 5 most important). Participants were also asked to order their preferences on some topics, and to respond to open ended questions. The responses to open ended questions were organized based on their applicability to the three key components of the biking market. The analysis began by looking at the three components individually and seeing what the trends are. In cases where survey respondents were also randomly selected for a follow up interview, their responses were explored further. For example, if a respondent found that bike lanes are extremely important within the built environment section of the survey, this was noted and brought up later within the interview for the participant to elaborate on. Further research and discussion in the interviews provided insight as to where the bike lanes should be placed on campus, how many bike lanes

should be created, and where they should begin and end. I discuss the interview process in more detail below.

The questions regarding Bucknell University's built environment provided information on which contributor to the biking market is most lacking or most important. For example, a successful built environment is one where safety is prioritized, infrastructure is accessible and convenient, and there is a concentration on sustainability. Specific contributors to the built environment component of the biking market are bike lanes, parking/ bike corrals, bike shops, and any other physical factors that would affect the demand for biking at Bucknell University. The survey highlighted which of these factors are considered most important by respondents in defining a successful built environment, and it also identified possible obstacles and complications specific to the built environment at Bucknell. This section of the survey also analyzed how people currently view the built environment supporting biking at Bucknell, and where there are opportunities for improvement.

The survey section on individuals' attitudes towards biking contributed to the information on the general likelihood of students and faculty participating in a biking initiative. A successful built environment is not enough to encourage a biking market if the overall attitude toward biking is not strong. This section of the survey uncovered the variation in results based on demographics (for example, if students are more likely to participate in biking than staff and faculty). This information allowed a better understanding of who is most likely to participate in biking and also gave information for when and where to encourage biking infrastructure.

Societal environment is the third ingredient on which this survey focused. This section examined the overall norms of the Bucknell community. The term 'norm' in this paper is used interchangeably with the phrase socially accepted, as representing something that is considered

acceptable or standard on campus. For example, one might have overall positive attitudes toward biking and respond positively about the current biking-built environment but feel that the overall norms of the community do not encourage biking participation. This may make people less likely to bike because they feel that it is generally not accepted in the overall community environment (Chevalier, Charlemagne, and Xu 2019). This section of the survey also investigates whether the community is generally biking for leisure, transportation, and/ or sport.

All three sections of the survey are interdependent and together contribute to a holistic understanding of what makes for a successful biking market and community. The main goal of the survey was to discover what the obstacles are to biking on campus, and how to encourage more people to want to bike. The survey analyzed this by looking at whether there were obstacles with the physically built environment, the general attitudes toward biking, or the norms on campus. The survey asked multiple questions about each section to discover how students and staff perceived biking at Bucknell. Areas where responses indicated there was an obstacle to biking gave insights as to where there is room for improvement. The goal was to get 200 responses. The response rate was 200.

1.2 Interviews

The interviews were the next form of data collection that was performed. The series of interviews followed a template with potential questions to ask depending on the conversation and their responses indicated in the survey. The questions can be seen below (See Appendix A for the list of questions). The goal of the interviews was to extract more information from the participants and allow them time to expand on what they had reported in the surveys. The interviews allowed the participants to discuss biking at Bucknell in much greater detail and offer

any proposed solution or insights that were not included in the survey. This allowed a better understanding as to why a participant answered a certain way, and therefore assisted in finding solutions and/or developing ideas for implementing more biking at Bucknell University. Every tenth respondent from the survey was recruited via email and asked to participate in an interview to further explain their responses. If the participant did not want to participate, then I asked the next respondent on the list to participate. Before the interviews occurred, the participants' responses were reviewed, and the questions asked were tailored toward their initial responses. For example, if a respondent answered that they are not interested in biking the interview was designed to allow them time to explain why they do not like biking and what are the major obstacles inhibiting them from biking at Bucknell. Every interviewee was also asked a common set of questions to give structure to the interviews.

Furthermore, the interviews included follow-up questions and encouraged subjects to give a clarification or rationale for their answers. If asked to rank the preference of different built environment initiatives in the survey, the respondents were asked in the interviews which would make the least difference in the community. This gave more information on the rankings that the participants entered and allowed them time to explain what should have the lowest priority. The interviews are an expansion of the survey yet tailored to be more specific about certain questions in order to gain more insight on how to increase demand for biking.

The questions were split up based on built environment, societal environment, and individual behavior and attitudes. At least 3 questions were asked from each category to make the conversations well balanced. After the interviews were completed, proposed solutions for obstacles and strategies for developing a robust local biking market were analyzed and discussed in chapter 4.

All 20 participants were interviewed through Zoom which was the safest and most efficient way to meet with everyone during the pandemic. The participants were informed beforehand that the interview would be recorded, and that their responses might be included in the debrief of results. Each recorded interview was transcribed immediately following the interview via Zoom and then edited for accuracy.

Now that I have introduced the topic and described the methods used to gather data, the thesis proceeds as follows. Chapter 2 contains the literature review, Chapter 3 discusses the surveys and the analysis of the surveys, chapter 4 discusses the interviews and the analysis of the interviews, chapter 5 discusses proposed solutions, chapter 6 is the conclusion, chapter 7 contains references, and chapter 8 contains the appendices.

Chapter 2: Literature Review

2.1 Introduction

Communities have a clear relationship with and dependence on their built environment. Daily life is conditional on transportation and determines how one lives and works. The transport sector is responsible for 28% of the world's carbon dioxide emissions due to its reliance on fossil fuels and almost 74% of these emissions are specifically from road transport (Nematchoua et al. 2020). Biking is an environmentally friendly alternative to other forms of road transport yet remains underutilized in the United States. When looking at areas where a biking market is in place, there is a clear correlation between the built environment, biking culture, and consumer behavior and attitudes toward biking.

Prior literature suggests that areas with an established biking market showed an increase in consumer spending on retail in the general area. For example, a study in Portland, Oregon, found that consumers who arrived in retail, restaurants, and other businesses on bicycles spent more money at the location than those arriving by automobile (Meisel 2004). The creation of a biking market requires a change in the built environment to be more bike friendly and an increase in cultural awareness of the necessity of biking. As a result, an appropriate built environment for biking and pro-biking culture will create a biking market that will positively impact consumer behavior to spend more on biking and also spend more on retail in the surrounding area (Meisel 2004, Winters et al. 2013). Whether the goal is to increase the amount of spending on retail in the area, or an overall change in the mode of transportation to a more sustainable practice, it is clear that there are numerous parts that create a successful biking environment. Whether it is that cultural changes precede structural changes, or vice versa,

changing only one piece of the puzzle does not appear to be enough to result in a bikeable neighborhood, as we will see below.

2.2 Built Environment

Nielson and Skov-Peterson performed research on the effects of scale and workplace location on cycling from home (2018). This study was performed in Copenhagen, a well-established biking city. They found that a better built environment, which includes improved biking infrastructure and other physically structural improvements, affected the amount of biking surrounding the structural changes. For example, people will choose to bike when safe to do so. In an area with retail options, many people will bike if there are accessible bike lanes and adequate biking infrastructure. Retail encourages walking and cycling because it gives a destination and incentive (Nielsen and Skov-Petersen 2018). Having access to shopping is positively correlated with the number of bikers in an area. They also found that the probability of biking to and from work has a direct correlation to the size of the city. Additionally, isolated cities, or cities that are not easily accessed by or near other cities, are more likely to succeed in biking as people are less likely to use other forms of transportation. Bike parking, bike lanes, and biking signs are all considered 'biking infrastructure'. Therefore, this suggests as a city develops its biking infrastructure, it will also develop a heightened demand for biking.

This literature is compatible with research on cycling at university campuses in Liege, Belgium from Nematchoua, Deuse, Cools, and Reiter (2020). They asked students on campus to rate the most important conditions that would encourage people to choose cycling as their main form of transportation. They found that respondents ranked the development of bike paths as most important and parking as second most important. Over 40% of participants in the survey

said that these two conditions would increase the likelihood of them biking (Nematchoua et al. 2020). This supports the claim made by Nielson and Skov-Peterson (2018) that having proper infrastructure encourages communities to cycle. An opposing view of this theory is discussed in the Dutch Blueprint for Urban Vitality (2016). This document argues that a cultural shift must precede a structural shift rather than vice versa. In other words, a combination of politicians, planners, advocates, engineers, and entrepreneurs must create a holistic shift in culture to encourage cycling rather than expecting people to shift to cycling based on infrastructure accessibility.

Bruntlett (2018) explains that most car-centric cities can be shifted into a more bikeable community by shifting culture over time. This article defines this shift by including cohesion, directness, safety, attractiveness and comfort (Bruntlett 2018). Arguing that infrastructure is the only necessary factor of a successful cycling community is not compatible with the research. In fact, the research explains specifically how in the Netherlands, the change was mostly political and cultural and did not solely rely on the engineering of the city (Bruntlett 2018). In order to have a successful biking market, there must be a cultural shift as well. Whether or not this shift comes before or after other implementations of biking infrastructure is an evolving debate.

Another view of how the built environment affects the community comes from People For Bikes. This foundation is located in Washington, D.C. and Colorado. Their main goal “focuses on making every bike ride safer, easier to access and more fun” (“PeopleForBikes” 2020). They believe in order to achieve these goals, a focus on infrastructure is the main ingredient to accomplishing a successful biking community. Nearly three hundred million dollars in federal infrastructure grants will be put toward biking infrastructure and active transportation

in 2021. (“PeopleForBikes” 2020). The research done by this group discovered that many people who would like to bike more do not because they feel unsafe with the current infrastructure. They found that ‘protected lanes’ create the sense of "subjective safety" which helps to change behavior, thereby making people who would want to bike more likely to (“PeopleForBikes” 2020). "The Rise of the North American Protected Bike Lane" is a 2013 Momentum magazine cover story with an excellent narrative of how this concept returned to the United States and began to spread. When people discovered there was a safer way to bike by using protected bike lanes, this inspired many people to transform current American infrastructure to make it more like that found in European countries. People For Bikes looked at the shift of Copenhagen, Denmark as an example of the impact of protected bike lanes. They saw that although Copenhagen was built as an automobile-centric city, it transformed itself to a bike-centric city by implementing these designated spaces for biking. Feeling safe while cycling was the deciding factor of whether or not a community would bike. The article stated that more than half of Americans say they would like to bike more and of those, 64 percent say they would if bikes and cars were separated by barriers (“PeopleForBikes” 2020).

Similar to the research done by People For Bikes, a study in Portland focused on whether an established bike parking area would increase bike usage. The study specifically wanted to see if the increase in bike corrals, also known as bike racks, would increase the bike traffic interacting with local businesses. The study saw that the corrals increased numbers of customers, improved the sidewalk and cafe seating environment for customers, and improved visibility of the business from the street (Meisel 2004). Another interesting detail that emerged from the survey was that every single business involved in the research responded that bicyclists as customers were increasing or remained steady over the time that the corrals were in place

(Meisel 2004). The studies additionally showed that the placement and number of bike corrals was crucial to increasing bike traffic to local restaurants, as cyclists were unwilling to park a block or more away from their destination. Overall, the research showed that an increase in bike corrals in a specific location was positively correlated with an increase in restaurant traffic and those who were biking became customers (Meisel 2004). In addition to focusing on bike corrals, this study also stated that basic street design elements such as shade trees, street furniture, sidewalks, pedestrian-scale lighting, and other amenities provide bicyclists with an improved built environment making them want to visit the area (Meisel 2004). A culmination of built environment initiatives increases the likelihood of creating a biking community. This study supports the claim made by Nielson and Skov-Peterson (2018) that having proper infrastructure encourages communities to cycle.

2.3 Behavior and Attitudes

Although a built environment plays a key role in developing a biking market, it is also just as important to study the behavior and attitudes towards biking of a community. For many, basic bike lanes and separated bike paths are expected (Nielsen and Skov-Petersen 2018). If the community lacks this, then attitudes toward biking turns more negative. Access to jobs, services, education, and bicycle networks, along with known interconnected routes easily accessed by bike, also influence the overall attitude toward biking in a specific area. In other words, the more areas for one to bike to, the more likely there will be a positive attitude towards cycling (Nielsen and Skov-Petersen 2018). Another factor that encourages a positive attitude toward biking is a general sense of comfort. If a community feels that they have easy bike access to roadways and feels safe and secure when biking, then they are more likely to bike to their destination (Xing et

al. 2010). Xing found that attitudes, preferences, and beliefs regarding biking had a clear relationship with how comfortable or secure a biker felt. The more one is exposed to biking, the more likely they will feel more comfortable around bikes and experiment with it (Xing et al. 2010). Updated infrastructure that supports a biking environment has been shown to significantly influence the perceptions of how safe it is to participate in biking.

On the other hand, biking will decrease given good conditions for walking as it will increase pedestrians rather than the probability of biking (Nielsen and Skov-Petersen 2018). Additionally, terrain is a deciding factor as many people perceive hills as an obstacle and therefore it negatively impacts the attitude toward biking. This is the same for other physical attributes, such as weather, temperature, and road type that contribute to a more difficult ride (Nielsen and Skov-Petersen 2018).

To explain how attitudes toward cycling affect whether or not one wishes to bike, Boise-Eliot Elementary School conducted research on adolescents. The experimental study involved the manipulation of certain photographs which would give insight as to what the adolescent preferred or viewed as a positive environment for cycling. These results showed a change in attitudes toward biking based on different photographs of scenarios with different landscapes, speed limit signs, amount of automobile traffic, and separation of bike lanes. The attitudes toward biking were most positive when cycling paths were separated from motorized traffic by a hedge, followed by separations by means of a curb or marked line (Verhoeven et al. 2017). Additionally, this study showed that the type of cycle path was more important for adolescents than cycling distance and sharing the road with automobiles (Verhoeven et al. 2017). The aspect of the cycling environment selected as the next most important was the evenness of the cycle path and the general maintenance of the path. These attitudes led researchers to the conclusion

that safety as well as comfort was a priority for the participants. When participants felt that both of these desires were met, they had a greater desire to bike (Verhoeven et al. 2017).

In addition to research suggesting that protected bike lanes were best at encouraging nervous bikers to start cycling, People For Bikes also considered the language that must be used to facilitate this shift in behavior. ‘Cycle tracks’, ‘separated bike lanes’, and ‘green lanes’ were all considered in the naming of these designated spaces. The point of this research shows the effect of language on attitudes and behavior of biking. They decided to use the name “Protected Bike Lanes”. The term “protected” promotes the feeling of safety and gives cyclists a feeling that they are shielded from automobiles. The attitudes of the general public toward biking after this language was implemented shifted from seeing cycling as dangerous to seeing biking as a safe alternative to driving (“PeopleForBikes” 2020).

3.4 Societal Environment

In addition to studying the built environment and behavior and attitudes, research also suggests that social norms or tendencies can sway behavior of a community or individual. (Xing et al. 2018; Nielsen and Skov-Petersen 2018; Clifton et al., n.d.; Chevalier, Charlemagne, and Xu 2019; Bruntlett 2018). A study on bicycle acceptance on campuses by Chevalier, Charlemagne, and Xu (2019) found that people are less likely to associate with a practice that bears a negative social image. After surveying a large portion of people they found that the perception of biking has a strong correspondence with social norms. In other words, if people feel that it is generally accepted to bike, they will be more likely to bike. In order to increase demand for cycling, a city must first normalize the practice.

When biking becomes more normalized, demand increases, which will in turn drive a biking market. Ways to do this, as suggested by Chevalier, Charlemagne, and Xu (2019) are by enhancing the built environment in order to encourage those to bike. For example, by implementing bike corrals for available parking, this will make it more appealing to cycle and therefore people will have a more positive image of biking in general. By this theory, the built environment as well as attitudes and beliefs of biking encourage normalizing the bicycle as a valuable contribution to the public transportation system.

Another study in Portland, Oregon additionally identifies societal environment as an ingredient to a successful biking community. A study at Boise Eliot elementary school started a program that included improvements in the walking and biking infrastructure around the school's campus. The program envisioned a campus where more kids would walk or bike to school which would therefore lead to fewer cars on the road, making it safer to walk or bike. In order to encourage more walkers and bikers, the school created an incentive where 60 members of the school could win a different prize picked from a raffle (Baker 2006). The program also launched a "share the road campaign" which aimed to ameliorate the relations between cyclists and cars through different public service announcements. Cyclists were given advantages on the roads surrounding Boise Eliot where different additions were made such as a bike only zone which allowed space for cyclists to pedal ahead of traffic. Biker education additionally was taught at the school as a way to cultivate a more inclusive environment between cyclists and automobile users. In this study, the societal change was what encouraged a safer cycling environment (Baker 2006). The more people that switched to cycling, the more it became a norm, and the less cars were on the road.

2.5 Case Studies

Nematchoua, Deuse, Cools, and Reiter (2020) analyzed the likelihood of university campuses in Liege, Belgium becoming more biking friendly. The study asked members of the university to rank in order which changes would increase the likelihood of them biking. One of the factors that participants stated they struggled with was the layout of the university and possible hills that may inhibit travel. A proposed solution was to encourage electric bikes² on campus. When taking into account annual costs such as maintenance and depreciation of the equipment, e-bikes are only approximately twice the amount of a conventional bike but are ten times cheaper than a car. Even in this circumstance, the financial benefits of biking instead of driving a car are quite clear.

A survey analyzed general attitudes toward biking infrastructure on the Liege, Belgium campus. The survey asked participants to rate the conditions that would encourage the most people to travel by bike in order of descending importance: the development of bike paths, allowance and installation of bike parking, and showers at the university campuses. It concluded that the implementation of bike paths was most important out of all of the proposed installations (Nematchoua et al. 2020). The survey further looked into topography, parking availability, weather, and distance, all of which were found to be obstacles in biking at the university. Once again, the solution to these problems was the introduction of electric bikes on campus which would alleviate terrain, distance, and relief issues (Nematchoua et al. 2020).

A second case study of importance is that of Xing (2018), who conducted research on six cites, starting with UC, Davis, and then looked at corresponding campuses of similar size and

² Electric bikes, also known as e-bikes, include a lithium based battery that motorizes them to allow more mobility with less physical effort (Turner 2013).

population. The research focused on individual factors, physical environment factors, and cultural norms of the community. The study concluded that recreational usages of bikes are much different than transportation usages (Xing et al. 2010). In other words, one's relationship with biking as a form of transportation varies greatly from one who bikes as a form of recreation or sport. This also contributes to one's needs as to what form of infrastructure is necessary for them to have a successful biking trip. For example, a person that cycles for sport will want different bike paths than one that cycles as their main form of transportation. The needs of commuters may be directness, and connectedness to other roads in order to easily cycle to and from their destination. The needs of recreational bikers may be access to certain locations with views, and terrain options that are less direct. In other words, a path surrounding the water might be for leisure whereas a path directly through a city might be more for commuters and a main means of travel.

Although bike lanes are said not to have a direct effect on biking for transportation in Nematchoua et al. (2020), there are indirect factors that contribute such as a better feeling of security and safety when cycling which could as a result lead to an interest in future cycling. For example, if one feels that it is not a cultural norm to bike in their community, then this will affect the amount of rides they perform per year. Turner (2013) suggests options such as bike-to-work day can be used as an incentive to normalize biking within the community culture. In addition, financial incentives and biking to work by high profile people can improve attitudes toward biking and therefore lead to heightened demand. The findings in Turner (2013) are consistent with the findings of Nematchoua et al. (2020) that cultural shifts must precede structural changes. Xing would agree that the cultural community norms in a city or college campus could outweigh any structural changes in the area.

A third relevant case study focuses on Portland State University located in Portland, Oregon. The focus of this study was on bike accessibility and what makes a “bikeable” university on the basis of its infrastructure and destination. The study focused on a 20-minute radius around the Portland State University campus and the surrounding neighborhood. The concept was to create a neighborhood where any destination was accessible by bike in 20 minutes. This idea was proposed by a development firm Girding Elden (McNeil 2011). The case study defined the terms bikeable and walkable noting the difference between the two. For example, a “bikeable” campus covers much more area and distance than what is considered a “walkable” campus.

The case study itself used the Bike Quality Index (BQI) as a way to measure motor vehicle speeds and volumes, number of travel lanes, width of bicycle lanes, dropped bicycle lanes and difficult transitions, and many more factors influencing bike infrastructure quality. Different locations were chosen around the 20-minute area and respondents were asked to give a bikeability score for each location out of 100 points. Each section the respondent could give full or partial points to get a total score out of 100. The main goal was to decide whether or not a “20 minute neighborhood” was reasonable based on the bike quality index and how well it scored within the 20-minute range. The findings suggested that inner Portland had a higher bikeability quality index than that of outer Portland. Knowing this information, the case study then looked at where certain infrastructure could be improved, as well as where in the 20-minute radius they would focus on creating more bike lanes, adding bike parking, etc.

Overall the community felt strongly that the 20 minute neighborhood was reasonable, however more people were inclined to bike within inner Portland versus outer Portland which was important in understanding where to put certain infrastructure and biking destinations. More

people were interested in biking within inner Portland because of better infrastructure (street and bikeway systems) and land use, such as destinations to retail, restaurants, parks, and more. (McNeil 2011). Because biking is more popular in Portland, Oregon this case study focused more on the infrastructure and how to better the biking infrastructure quality rather than the previous case studies that looked at how to encourage more bikers.

2.6 Conclusion

There are numerous conclusions that can be drawn as to what is and is not beneficial for a “bikeable” neighborhood. Although the literature covers a wide variety of case studies and theories, the main determinants of a successful biking market included a location that fosters positive attitudes and behaviors toward biking among community members, provides adequate biking infrastructure, and features general social norms that accept biking. Although there is disagreement on whether culture must precede the built environment or vice versa, it is clear that both of these factors are necessary to encourage biking and ignoring one of these factors is detrimental to fostering a bikeable community (Nematchoua et al. 2020, Xing et al. 2010).

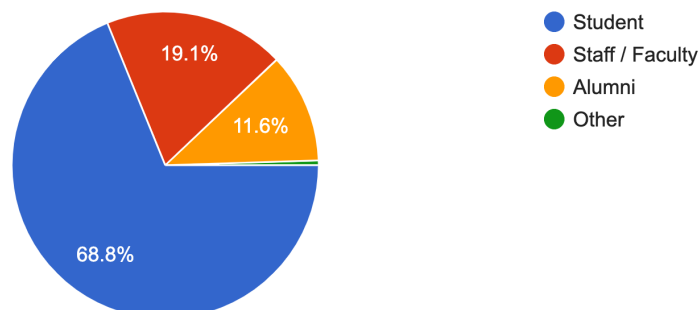
Chapter 3: Survey

For this thesis, 200 members of the Bucknell community were surveyed, including students, staff, faculty, and alumni. The following questions are ordered by demographics, built environment, behavior and attitudes, and societal environment. This survey considered information drawn from previous surveys about biking at Bucknell conducted within the “Walk it Bike it” group and a semester research project within Professor Stuhl’s Environmental Studies 411 course. This survey begins with general demographic information about the participants, and then asks them specific questions about the built environment, behaviors and attitudes toward biking, and the societal environment at Bucknell. The goal of this survey was to gather data about current perceptions of the state of the biking community at Bucknell, and to find areas where there can be improvements. This qualitative analysis will guide my quantitative and qualitative research where I further investigate Bucknell students and staff within the interview section of the thesis. Using the qualitative data from the survey, this may raise questions or prompt conversations about obstacles to biking on campus that may be further discussed within the interviews.

3.1: Demographics

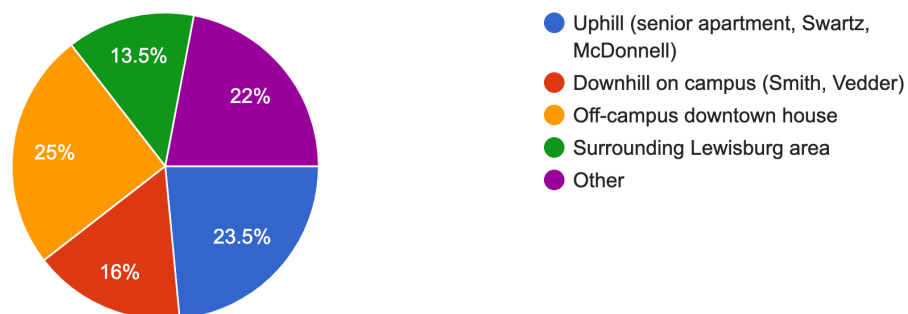
1. Are you a student or staff member at Bucknell University?

199 responses



2. Where do you live?

200 responses



The survey began with a demographic section that asked general questions in order to gather some information about the respondent. The questions asked who the respondent was—student, staff and faculty, alumni, or other. This information is crucial because the type of respondent may have an effect on how they respond to a question. For example, social norms on campus may be similar for students on campus but could be perceived differently for staff or alumni. Similarly where a person lives on campus could affect whether or not they currently bike or wish to bike. Most of the respondents were current or former students at Bucknell and two were professors at Bucknell.

The respondents were asked at the beginning of the survey to define what the term “bikeable” meant to them. The responses to this question gave insight as to how the respondents viewed a bikeable community. The majority of individuals explained bikeable as including certain physical characteristics such as bike lanes, dividers, signs, and so on. Others defined a bikeable community as one in which there is an environment that encourages people to bike based on culture and norms. In this question the term “bike lane” was used 42 times and the term bike path was additionally used 39 times. These were the most repeated terms used when describing a “bikeable” campus. The term “access” was used 24 times which also shows the emphasis on the availability of bikes on campus. Furthermore, there was a lot of mention of topography when describing “bikeable”. The word “hill” was used 33 times, introducing a particular importance to ease of biking around campus. To get a better understanding of what people generally feel about biking, this question was asked to see how a person views and defines the term “bikeable.” How they define bikeable may influence how they answer future questions. For example, if they believe a bikeable campus is one that is focused on improved biking infrastructure, they may answer questions differently than someone that views a bikeable campus from a point of view emphasizing cultural understanding. Figure 3.1 uses the online application from WordArt.com to create a word cloud image using all of the words mentioned within the survey. Words that are used more are larger. The point of this was to create an image that captured words that were repeated in response to this survey question. The words that stand out are words that many used within the survey, and therefore are notable within the research.



Figure 3.1 Words used to describe “bikeable”

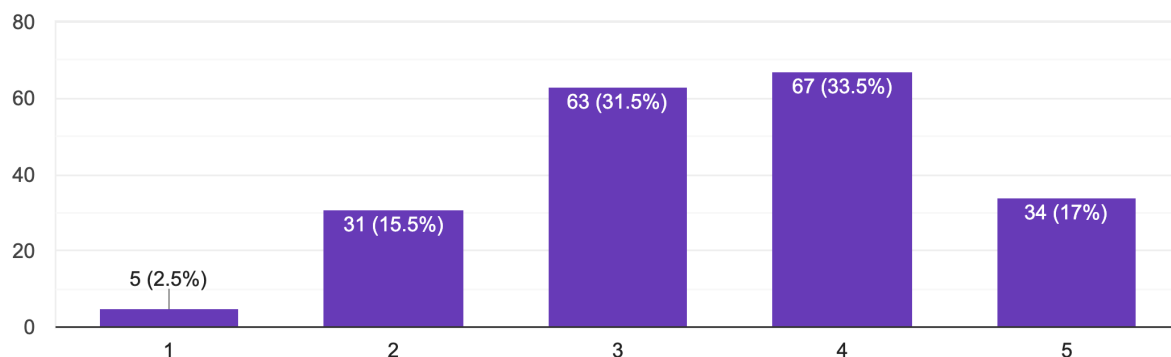
3.2 Built Environment

One of the fundamental goals of a successful built environment is to foster a safe, accessible, and connected network of roads and bike paths which allows a community to easily and comfortably travel throughout campus. Participants were asked how safe they currently feel on campus when riding a bike. The responses were somewhere in the middle with many

responding that they held neutral attitudes regarding the safety of biking on campus.

8. On a scale of 1-5, how safe do you feel about biking on campus?

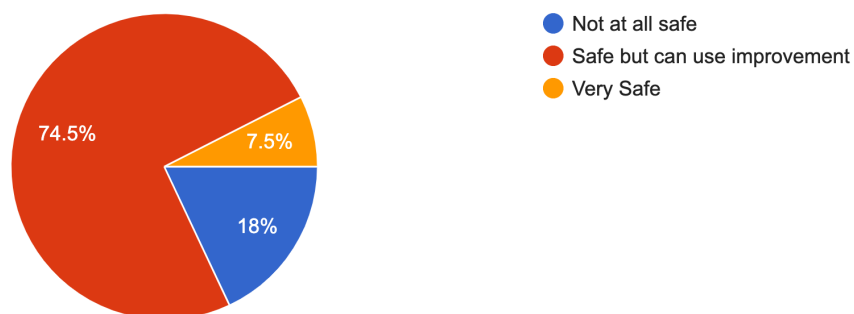
200 responses



This is consistent with a later question in the survey that asked in words how safe respondents feel about the current infrastructure in regard to biking. The participants were asked to rate how safe they felt from 1 to 5 (1 not at all safe, 2 not very safe, 3 safe, 4 very safe, and 5 extremely safe). About 75% of respondents answered they felt that it was safe but could use improvement. Interestingly, more people responded that campus is not safe at all for biking than people that responded campus is very safe when it comes to biking infrastructure. Clearly, Bucknell has some work to do when it comes to creating a safe environment on campus for biking.

9. How safe do you perceive the current biking infrastructure on campus (routes, traffic, relation with cars)

200 responses

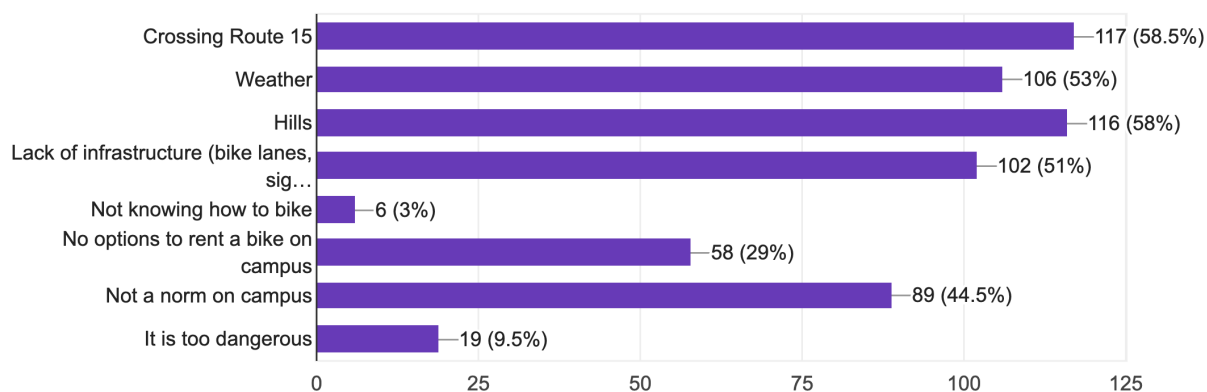


The survey additionally asked the participants to pinpoint certain areas on or around campus they find to be an obstacle for riding a bike. The majority of participants stated that crossing route 15 was one of the biggest obstacles to riding on or to campus. This question is consistent with question 7 where the most frequent destination was the grocery store. In order to get to any of the grocery stores in town, Weis, Giant, or Walmart, one must cross route 15.

The second biggest obstacle that participants noted was the large hills around campus and the third biggest obstacle is the weather. “Not knowing how to bike” and “it is too dangerous” were voted the least important out of all the choices, making these not as much of a concern as the other options listed. From this list, the physical obstacles in the landscape were of more importance to the participants of the survey than the obstacles of general societal norms.

21. Which of the following do you consider an obstacle to biking on campus? Check all that apply.

200 responses

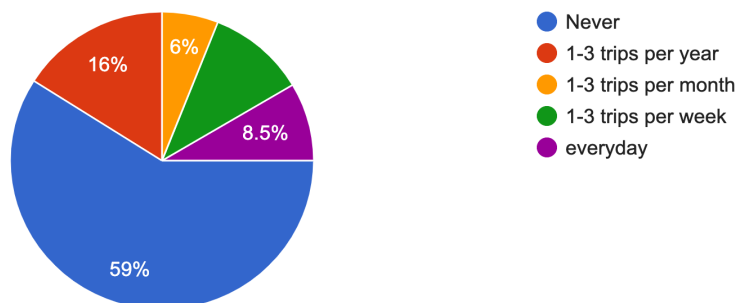


3.3 Attitudes and Behavior

The first question asked about behavior and attitudes was on the frequency of trips made on or around Bucknell University by bicycle. Nearly 60% of people shared that they have never biked at or around Bucknell's campus. 16% of people shared that they biked 1-3 trips per year. It is clear that biking is not common on campus. Additionally the typical trip made for those that did respond that they cycled appeared to be fairly short. 42 respondents answered that they travel approximately 1-3 miles when they do bike and 37 said they biked 1-10 miles. Very few answered that they bike more than 10 miles in a typical trip.

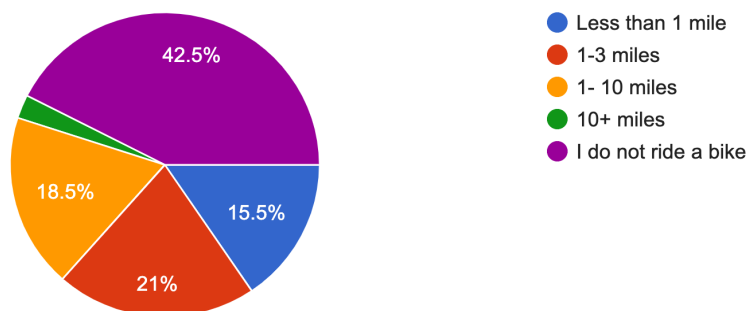
4. Estimate the number of cycling trips you make in or around Bucknell University

200 responses



5. How far is a typical cycling trip?

200 responses

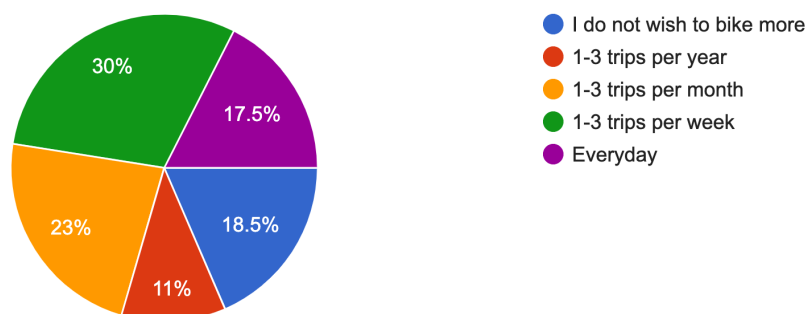


Later on in the survey, participants were asked “if you desire to bike more, what is the frequency you wish to bike on average?” The question when compared to “how far is a typical trip” shows a drastic increase. As mentioned, people either do not ride a bike or ride roughly 1-3 miles. If students and faculty biked as much as they desire, the majority of them would be biking

1-3 trips per week. 17.5% of respondents even shared they would bike every day!

23. If you desire to bike more, what is the frequency you wish to bike on average?

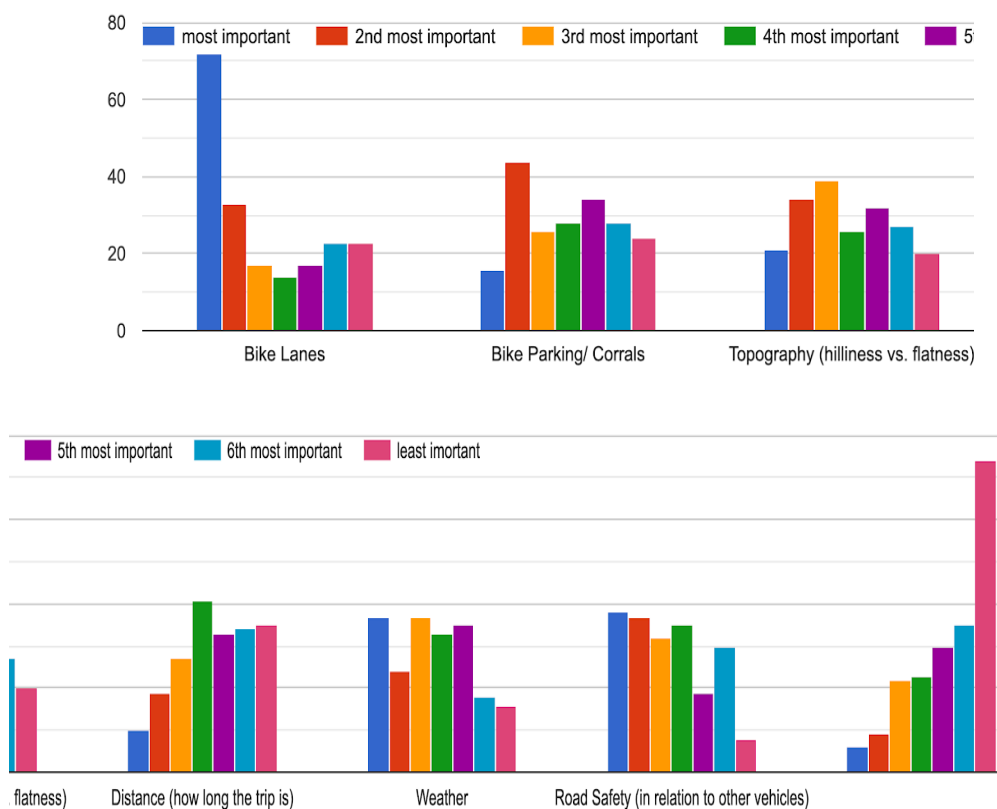
200 responses



Respondents were then asked to order certain characteristics of biking infrastructure by most important to least important when creating a bikeable community. The majority of participants answered that bike lanes were the most important. Bike parking corrals were the second most important, then respondents selected topography, distance, weather, and road safety. The least important area was bike facilities, which are considered to be curbs, medians, or infrastructure to create a separate space for biking. There is clear evidence that bike parking is the most important and biking facilities are the least important, but the other factors listed had

similar responses between most and least important. Of these remaining factors listed, the respondents believed they are all equally as important.

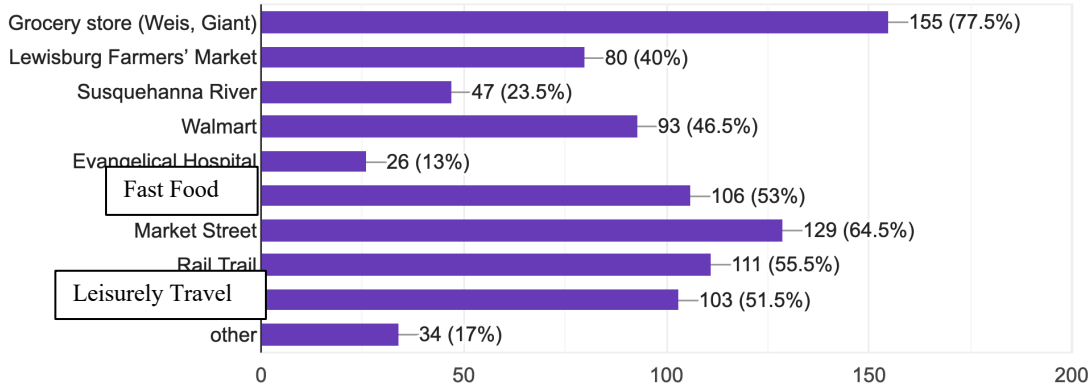
6. Order the following by which is most important when biking



The survey also looked into general behaviors of people on campus. Participants answered where surrounding campus they travel to most often. This question includes any mode of transportation and it precedes a future question asking specifically about where participants bike to most frequently. The goal was to compare the questions to see which areas participants were willing to bike to and how much the change in mode of transportation affected where they travel to. Below “Evangelical Hospital” the option was “fast foot on route 15”. Below “Rail Trail” the option was “leisurely travel”.

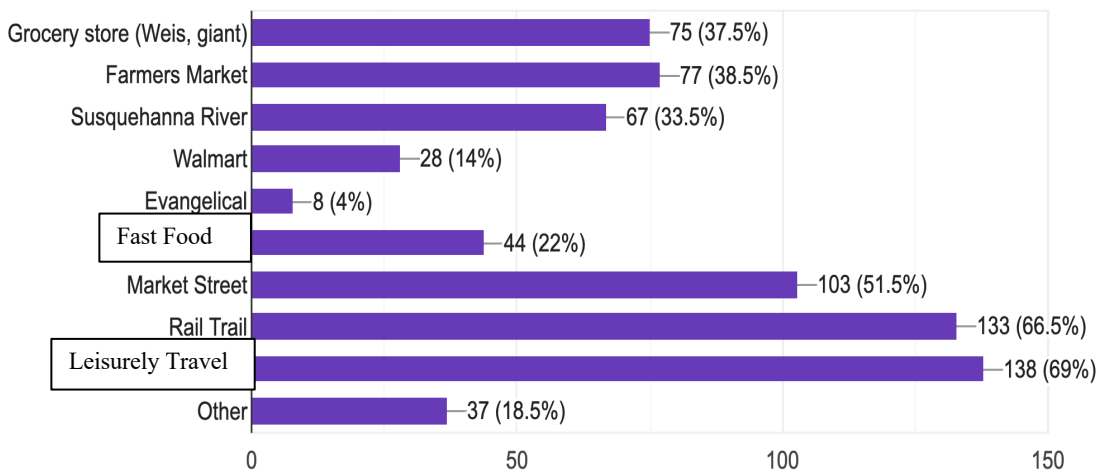
7. Where are common destinations you travel to by car or by bike around campus and the surrounding Lewisburg area? Check all that apply

200 responses



24. If you desire to bike more, which destinations would you bike to? Check all that apply.

200 responses



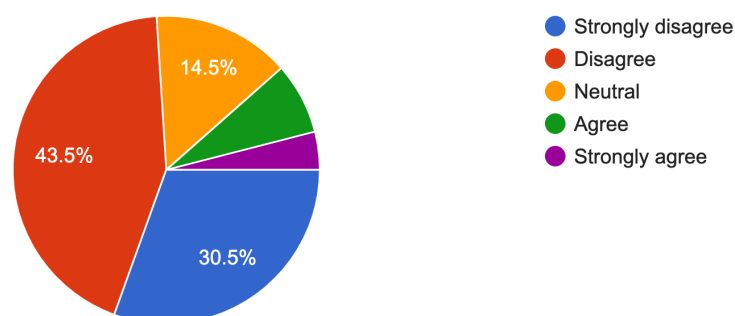
The grocery store was the most visited place off campus and Market Street was second. In comparison, when choosing to bike instead of drive, the rail trail and leisurely travel were the two most popular choices. A question that arises is whether or not these behavioral attributes are due to the existing structure that is in place. For example, one might not feel comfortable biking

to the grocery store due to the lack of appropriate biking infrastructure, so they would not include this in the biking response. If there was an implementation of safer roads and pathways to the grocery store, it is possible that more people would have checked this as an option. It must be noted that the responses are based on the current infrastructure, so this does not mean these participants are not interested in biking to the places listed, they might just not be comfortable with the current infrastructure.

Another behavioral question that also overlapped with the built environment asked whether or not bike lanes were “unnecessary”. The point of this question was to gauge whether or not people feel that bike lanes are actually beneficial or if they are unnecessary and a waste of money. The evidence was clear that the majority of respondents disagreed that bike lanes were “unnecessary.” 74% disagreed or strongly disagreed with this statement. 23 respondents (11.5%) did state that they either agree or strongly agree that they are unnecessary, so it is important to note that not everyone believes bike lanes are necessary.

10. Respond to the following statement: “Bike lanes are unnecessary”

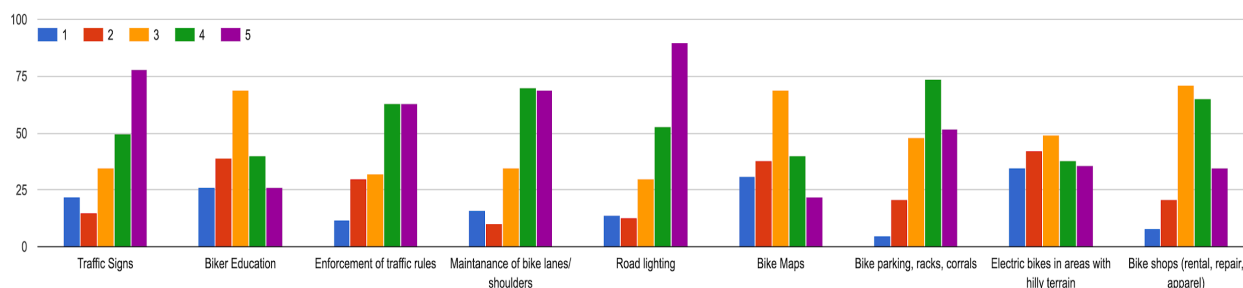
200 responses



Question 12 asked participants to rank different aspects of biking infrastructure and environment on a scale of 1-5, 1 being not important and 5 being very important. Traffic signs, road lighting, enforcement of traffic rules, and maintenance of bike lanes/ shoulders were given

the most 4 and 5 responses, deeming these topics the most important. Biker education and bike parking were of neutral importance. E-bikes in areas with hills and bike maps seemed to be of less importance to those that took the survey. Out of the nine topics, none of them swayed strongly toward least importance indicating that all topics seem to have some importance to most individuals taking the survey.

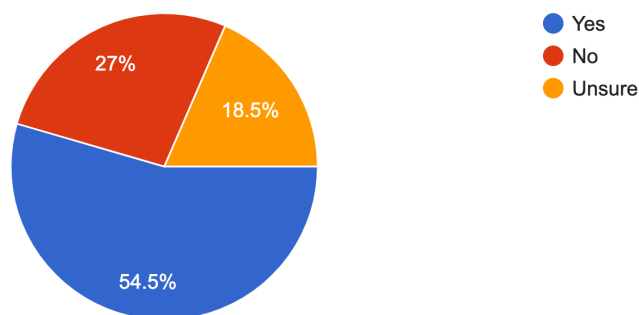
12. Please rank the importance of each topic individually from 1-5.



The next section of the survey questioned the participants about their attitudes toward E-bikes. 54.5% stated that if E-bikes were available to them on campus they would use them. 18.5% were unsure if they would use them and 27% said they would not use them at all.

13. If e-bikes (electric bicycle with battery-powered assistance) were offered to make access to uphill campus easier, would this interest you?

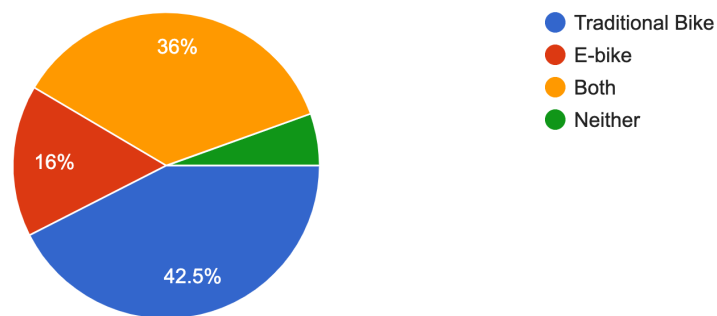
200 responses



The survey further asked whether the participants would rather use a traditional bike, an e-bike, both, or neither. 42.5% of the participants responded that they would prefer to use a traditional bike and 36% said they would use both. 16% preferred only to use an e-bike and only 5.5% said they would use neither.

19. Would you rather use a traditional bike or an e-bike (electric bicycle with battery-powered assistance)?

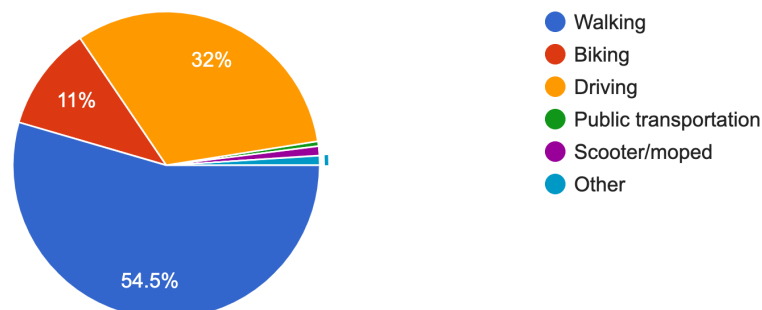
200 responses



One of the goals of the survey was to discover what the current popular mode of transportation is in order to gauge what it would take to increase biking on campus. Over half of respondents reported that they prefer to walk on campus and 32% said they prefer to drive. 11% said they currently bike. The rest answered other options.

20. What is your current preferred mode of transportation?

200 responses



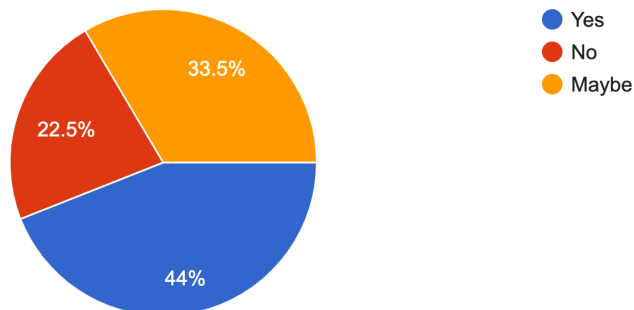
When asked in the survey if the respondent enjoyed biking, only 9 of 200 reported that they do not. Many explained that they prefer to walk as it is not as physically challenging. Others stated that they like biking but they would not bike at Bucknell because there are too many large hills. Three people reported that they are not able to bike, or they are not good at it so they do not enjoy it. Despite these people, the majority of participants responded that they enjoy biking. They gave reasons such as “it is a great physical activity,” “it lowers my carbon footprint,” and “it saves money that I would spend on gas.” About 1/4 of the respondents shared that they like to bike but have yet to at Bucknell. One stated, “I have not biked at Bucknell though because I enjoy talking with friends as I walk around campus and don’t want to miss those small conversations - if more people biked though that would be different!” Another shared “I do, but my car is more practical. I recently bought an electric scooter and plan to use that for any on-campus uphill to downhill trips.” All of these responses help gauge what the majority of Bucknell students use to travel around campus. It is clear that people are open to new options, yet there are still plenty of obstacles that keep people from making the switch to riding a bike.

The survey asked participants “If there were an incentive to bike more such as being put in a raffle with the option to win a prize, would this encourage you to bike more?” In response,

44% stated that this would encourage them to bike more and 33.5% responded “maybe.” 22.5% shared that this would not encourage them to bike more.

25. If there were an incentive to bike more such as being put in a raffle with the option to win a prize, would this encourage you to bike more?

200 responses

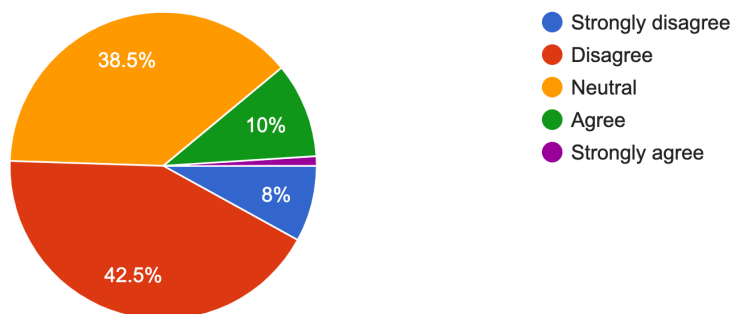


Question 26 asked if Bucknell is a bike-friendly campus. This question was purposely vague which encouraged the participants to answer based on their own assumptions of what a bike-friendly campus looks like and whether or not Bucknell met these expectations. 42.5% of respondents said that they disagreed with this statement, and 38.5% responded that they are neutral about this question. Only 10% agreed and only 2 participants responded that they strongly agreed with the statement. The last 8% strongly disagreed which is a stunning response

regarding how unfriendly people find the campus is for biking.

26. Respond to the following statement: Bucknell is a very bike-friendly campus.

200 responses

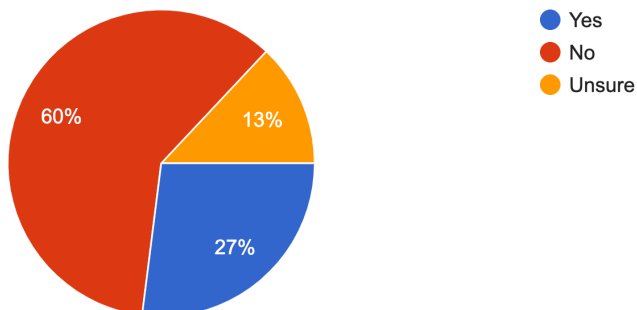


3.4 Societal Norms

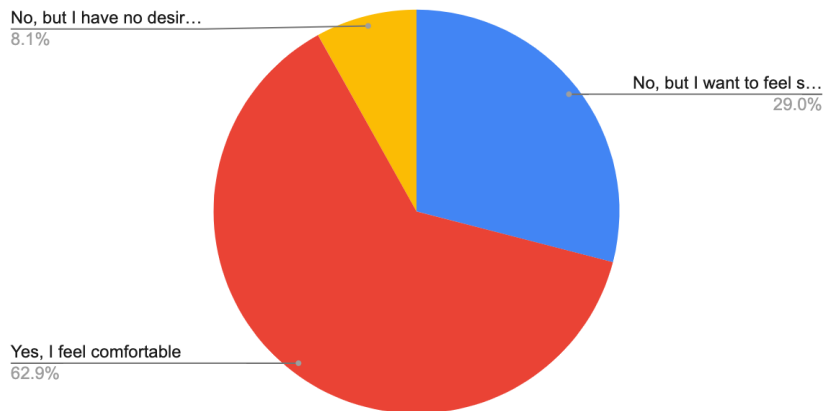
A portion of the questions in this survey asked participants about societal norms on campus. The point of these questions is to understand people's perceptions regarding social attitudes towards riding a bike on campus and to determine whether or not biking is currently socially a norm. If students/ staff feel that they currently do not find it a norm on campus, this could be a reason as to why the current rates of bike riding are not as high as they could be.

14. Is it normal to ride a bike at Bucknell University?

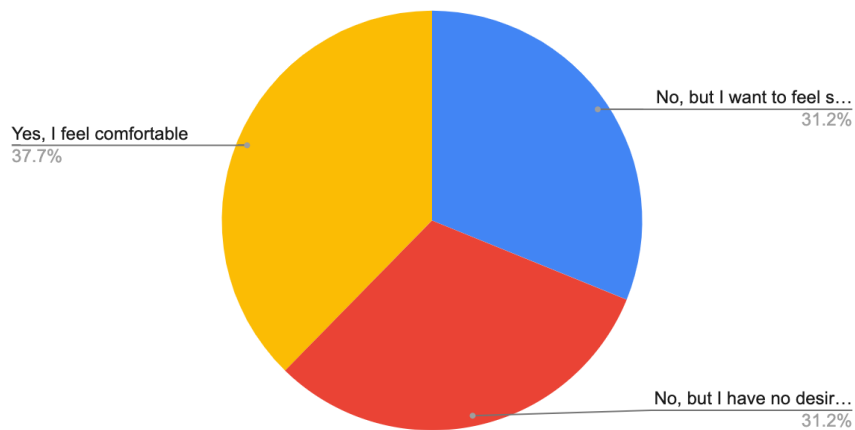
200 responses



Count of 15. Do you feel socially comfortable riding a bike on campus? (Staff, Alumni, and Faculty)



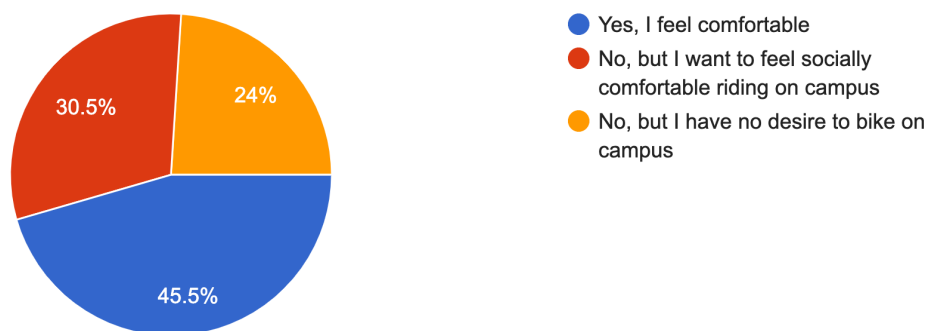
Count of 15. Do you feel socially comfortable riding a bike on campus? (Students)



60% of participants answered that it is currently not a norm on campus to ride a bike, whereas 27% said it was and 13% were unsure. It must be noted that different types of respondents may view social norms differently than other types of respondents. For example, alumni from 5 years ago may have viewed biking as not a norm then whereas they might change their mind about how they view campus now. From the survey, 63 respondents were either staff, faculty, or alumni. Of the 63, 39 stated that they felt socially comfortable riding a bike on campus. This is significant because when analyzing the responses by students, the percentage of respondents feeling comfortable biking on campus went down significantly. Out of the 137 current students, only 52 of them stated that they were socially comfortable riding a bike on campus. This is only about 38% whereas 62% of faculty and alumni were comfortable. Overall it is clear that most students do not find it to be a norm to ride a bike on campus. When breaking down the survey into demographics, it is clear that students specifically do not feel socially comfortable riding a bike on campus whereas staff, faculty, and alumni feel more socially comfortable. This has important implications for the types of programs that might work to encourage more students to bike, as opposed to programs that might encourage staff to bike.

15. Do you feel socially comfortable riding a bike on campus?

200 responses

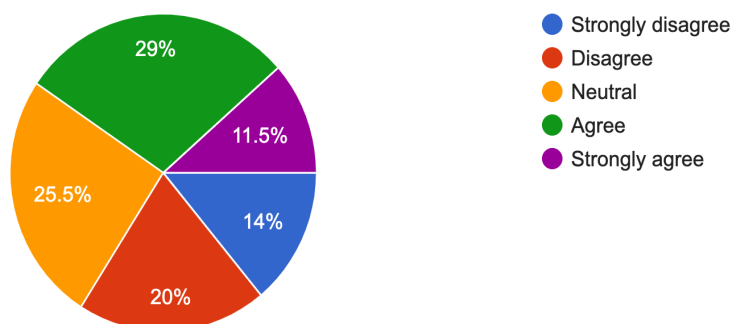


A similar question was asked regarding if respondents personally feel comfortable riding a bike on campus. This is different from the previous question because it is asking whether or not they would ride a bike despite what is considered normal on campus. 45.5% of people felt that they feel socially comfortable riding a bike. 30.5% answered that they currently do not feel socially comfortable biking, but they want to feel socially comfortable riding a bike. 24% answered that they currently do not feel comfortable and they have no desire to bike on campus.

These results were comparable to question 18 that asked if the amount of people cycling on campus affected whether or not they chose to cycle. About 40.5% said they either agree or strongly agree with this statement and 34% said they disagree. 25.5% were neutral. It is clear that societal norms, or behaviors that are deemed ‘acceptable’ or socially ‘approved’ on campus, influence whether or not members of Bucknell choose to bike. More students, staff, faculty, and alumni admit that their decision to bike is influenced by the amount of other bikers than those that state there is no influence.

18. Do you agree or disagree with the following statement: The amount of other people cycling on campus affects whether or not I choose to cycle.

200 responses

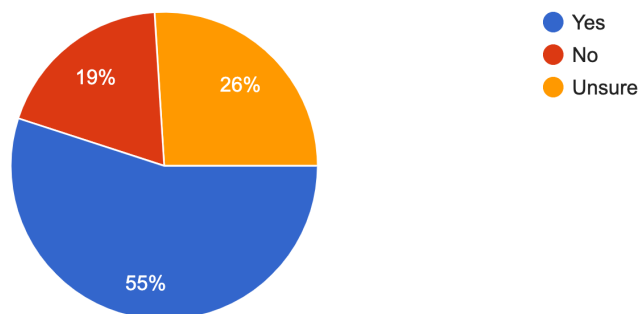


One of the proposed solutions to creating more of a social acceptance of biking is to establish a “bike to class day”. The survey asked about the participation rate if such a day were

to occur. 55% said they would participate and 19% said they would not. 26% were unsure.

16. If there was a “bike to class day” would you participate?

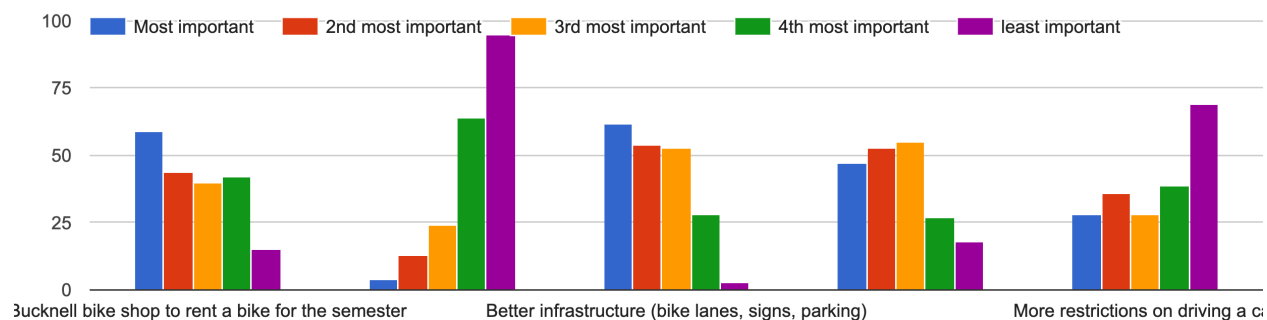
200 responses



To further investigate the societal environment of biking on campus, the survey asked participants to rate 5 different factors in order from most important to least important: Bike shop to rent a bike, lessons on campus, improved infrastructure, incentives to ride a bike, and more restrictions on driving a car. A Bucknell bike shop to rent a bike along with better infrastructure both were voted as most important. The least important factors were lessons on campus and restrictions on driving. Incentives to ride a bike was in the middle on the scale of least important

to most important.

17. Which factors would encourage biking as a norm on campus? Please order from most important to least important.



The last question in the survey was an open ended response allowing for the participants to add what they think would make the most difference in increasing the frequency with which students and staff bike to campus. In order to capture the broad range of suggestions people included, I created a ‘word-cloud’ using the frequency of words to generate an image where the size of the word corresponds to the frequency with which it was said. This was the result: words such as “Access”, “weather”, “lanes”, “rent”, and “hills” are among the words that stuck out. These terms were topics of discussion within the open ended responses.

to generate a safer, more accessible environment for biking. When responding to what a “bikeable” community is, the survey respondents used “lane” and “path” more than any other structural word. Additionally, bike parking was one of the most repeated topics. Within the built environment section, obstacles such as weather and topography were brought up as issues that would deter them from biking. These are all issues that were discussed further within the survey section of the thesis. 33% of respondents believed that Bucknell’s campus is currently safe giving it a 4 out of a scale of 5 on their perceptions and feeling of safety while biking on campus. A 4 was the most picked response to this question. When asked: How safe do you perceive the current biking infrastructure on campus (routes, traffic, relation with cars), the response showed a desire for improvement. Only 7.5% stated that Bucknell's current biking infrastructure was safe and 74.5 stated that it could use improvement. Another 18% responded that Bucknell’s current biking infrastructure was not safe at all. Weather, hills, and crossing Route 15 were the largest obstacles to biking identified by participants. These three obstacles were noted and brought up within the interviews to provide an opportunity to generate proposed solutions.

In the attitudes and behaviors section it was evident that the majority of respondents wanted to increase both the amount of times they biked, and how far they biked. If participants were biking as much as they desired the result would be that most people would bike 1-3 trips per week, which is significantly more than what people are currently biking.

Participants responded that “bike lanes” were the most important factor while biking. This information is consistent with the question on what is considered a bikeable campus where “bike lanes” and “bike paths” were the most common used words. From this it is concluded that, according to the survey respondents, creating bike lanes is the most important factor to creating a bikeable campus and is therefore the first structural change that we should focus on at Bucknell.

As to where these bike lanes should be located, the main factor is the set of locations where people are most likely to travel. Within the survey it stated that the grocery store, Market Street, and the rail trail were the most travelled to places. When asked specifically where the most common biking destinations were, respondents stated Market Street, the rail trail, and leisurely travel. It is possible that people do not feel comfortable riding a bike to the grocery store located across Route 15 based on this being one of the main obstacles when riding a bike, as reported in question 21. These areas on and around campus should be the main focus on where to put bike lanes.

Electric bikes are a very popular alternative to other modes of transportation. 54.5% of survey respondents stated they would use an electric bike if they were available on campus, which would be about 2000 students on campus if this survey accurately represents the Bucknell Student body. Furthermore, when asked which mode of transportation most participants would prefer, only 5% said they would use neither a traditional bike nor an electric bike. 95% would use either one of the options or a mix of both.

When asking about attitudes towards Bucknell's current biking state, 50.5% of people either strongly disagreed or disagreed that Bucknell currently has a biking friendly campus. 38.5% were neutral and only 11% agreed or strongly agreed. These statistics show an obvious need for improvement. It must be noted that what is considered a biking friendly campus was up to the interpretation of the survey respondent. This could have been physical needs or societal needs that would indicate whether or not campus was considered "bike-friendly". There is evidence in the survey that both are important. Regarding the built environment, survey respondents clearly indicate the need for bike lanes. Regarding the social environment, many reported that biking is not a social norm at Bucknell. Both of these areas need to be addressed.

Specifically, in the societal environment section of the survey 60% of the respondents shared that they did not believe it was a norm to ride a bike on campus. Additionally, 54.5% of respondents said they currently do not feel socially comfortable riding a bike on campus. These results were comparable to question 18 that asked if the amount of people cycling on campus affected whether or not they chose to cycle. It is clear that societal norms have an effect on some of the participants on whether or not they choose to bike.

To conclude, it is understood from these results that Bucknell is lacking significantly in bike lanes on campus. There is a desire to bike more, but the current infrastructure is not adequate enough to encourage new bikers on campus. There are many students and faculty that desire to bike more, but there are certain obstacles in the way such as crossing Route 15, hills, and weather. These are all obstacles that have proposed solutions that are discussed and developed within the interviews described in the next chapter. Additionally, societal norms on campus are a large reason as to why many do not ride a bike, as they do not feel comfortable enough to switch from their current methods of transportation.

Overall, it is additionally concluded that students had a very different response than staff, faculty, and alumni. For example, the majority of students felt that they would not consider themselves socially comfortable riding a bike on campus. The majority of staff, faculty, and alumni believed that they would feel socially comfortable. The general norms on campus, and how comfortable one feels, varied amongst the type of respondent. The survey pointed out many topics and obstacles that are currently preventing Bucknell from being considered a “bike-friendly” campus. These topics are further developed amongst the interviews.

Chapter 5: Interview

Twenty participants were recruited from the survey section to participate in an interview. I asked every tenth respondent from the survey. If accepted, the participant took part in a 15-30 minute interview. If the participant rejected to participate, I recruited the next person from the list. Twenty out of twenty-five participants accepted which gives an 80% acceptance rate. This is very high and indicates that people were generally interested in biking enough so that they accepted to participate in a further interview. The interviews asked more in depth questions that were not already answered in the survey and gave an opportunity for the participants to expand on whether or not they would like to bike more at Bucknell and how this could come about. The interviews were all recorded and transcribed through Zoom.

5.1 Built Environment

The main focus of the built environment section of the interview was to get a better understanding of how the physical infrastructure on campus can be improved to better safety and accessibility. Although there were a wide variety of responses, the majority of people were all very adamant about bike lanes. In fact all 20 people who were interviewed referenced bike lanes at some point within the interviews. This is compatible with what was found in the survey as the words “bike lane” or “bike path” were some of the most common phrases used in response to the open ended questions. Interviewee 1 explained how bike lanes were definitely important and even suggested that they were needed on campus “especially on Seventh Street, when you come down to the intersection. Down that hill people move pretty fast” [Interview 1]. It was not only respondent 1 who stated there could be an improvement on 7th street. Respondent 3 also shared, “I’ll ride my bike from downtown just on Seventh Street and it’s kind of scary sometimes and I

don't feel safe" [Interview 3]. Both these respondents consider themselves frequent bikers and it is notable that they both found it dangerous on the same spot on campus. Another respondent stated, "I really don't like to be right next to cars so maybe if seventh street were made only a one way street. So, like, half was biking and half was like just cars" [Interview 4]. It is notable that respondents specifically mentioned that 7th street on Bucknell's campus is unsafe and steers many people away from biking. There were a lot of different proposed solutions for how to deal with the 7th street traffic, but it is clear there is a need for enhanced infrastructure and better biking security if Bucknell wishes to promote a more bikeable campus.

For example, another discussion point was about the general lack of infrastructure tailored toward biking. For example, respondent 4 explained, "I think it's more of an infrastructure issue, to be honest, and having enough resources. We have, like you mentioned, the Rail Trail, but that's not on campus. So if there was a designated biking lane. I think that would encourage people" [Interview 4]. Once again, this participant pointed out that bike lanes are extremely necessary in order to encourage biking. This is supported by the fact that numerous community members bike on the rail trail, but not on campus, which indicates that they would prefer an area that has bike lanes and fosters a safer biking option. Interviewee 4 explained that implementing better infrastructure such as bike lanes, bike parking, or bike signs would work as an incentive to encourage biking. Bike infrastructure has encouraged people to bike at the rail trail, but in order to encourage a similar level of biking on campus, we would need similar infrastructure.

In addition to bike lanes, many of the respondents expressed the need for bike racks (corrals). Interviewee 6 explained how they have seen bike racks on campus, however there are not enough to encourage more people to bike. Participant 6 went on to state that the bike racks

are always occupied so this puts a limit on how many people can bike to class. Participant 4 also mentioned bike racks, pointing out that they only fit about three to five bikes. If more people wanted to begin biking, there is certainly not enough bike parking space to encourage people to do so. Convenience was something that four participants mentioned within the interviews and this has a lot to do with the accessibility and availability of bike racks. If there is not enough space to park a bike, this interferes with the convenience of biking to class and therefore more people would choose to walk.

17 of the 20 respondents stated that they choose to walk or do a combination of walking and driving on campus. When asked why they chose to walk over biking, many of the responses had to do with convenience as well as safety. Participant 19 explained that they prefer to walk because it is what they are used to, making it the most convenient mode of transportation. They also stated that they are uncomfortable with the current biking infrastructure. Participant 18 shared that walking is what they are most comfortable with because it is the easiest mode of transportation for them. Participant 11 shared similar thoughts, but explained that they live close enough to academic buildings that anything other than walking to class would actually be more effort. Many people had their own reasons as to why they chose to walk, but this was the most common form of transportation on campus.

During the interviews, the interviewees were asked about e-bikes. This topic was touched on within the survey, but asking during the interviews allowed the participants to expand on whether or not they would be interested in e-bikes and also allowed them to expand on where on campus they should be located. During the interviews many of the participants asked questions about the e-bikes which led them to further expand on their thoughts on whether or not e-bikes would be successful.

Within the interviews when asked if participants would use an electric bike if the bikes were readily available on campus, 19 out of 20 participants responded yes, an amazingly high percentage. One participant stated “possibly” indicating that they were unsure whether or not they would use an e-bike. The results of a higher positive response rate regarding e-bikes within the interviews compared with responses in the survey could be because interviewees felt they were on the spot, or it could be because those that chose to participate were more likely to be interested in biking than those who were not interviewed. It must be noted that there were 5 declined interviews using the method of asking every tenth respondent in the survey. The next person in the list was then asked. Using this method prevented selection bias. 20/25 people agreed to participate in the interviews which indicates an 80% acceptance rate. Nonetheless, the interview results indicate there is an interest in using electric bikes on campus.

When asked where on campus the electric bikes should be located, the results varied. Some people stated that there should be a central location where they can be covered. Some ideas as to where the central location for the electric bikes should be were near the Elaine Langone Center, near Bertrand Library, or by the Zip cars on Moore Avenue. Other respondents shared that there should be multiple stations scattered around campus such as the senior apartments, mods, downtown 7th street, and near some academic buildings. From the many discussions, it would make sense to have them easily accessible to the students by stationing the e-bikes in multiple places around campus so they could easily be picked up and dropped off. Using this approach, there would need to be a system to return the bikes to specific locations to prevent wear and tear on the bikes, leaving them in dangerous locations on campus, and theft. Having designated locations spread out across campus would reduce the likelihood of these situations occurring.

One of the main reasons participants were interested in electric bikes was to navigate the hilly topography of campus. Participant 14 stated, “I think it's also important to provide electric bikes as well, in case some students may be having physical troubles with the hills. I think just providing ample types of bikes and providing proper pathways to bike across campus as well would create a good suitable environment for it and make it easier to navigate.” [Interview 14] Participant 14 was not the only one to mention the hilly campus. 6 other participants, or all together 35% of participants, explained that the hills were an issue and 4 others shared that the weather made it difficult to bike. Electric bikes would provide assistance to those who struggled to get up the hills, as well as a faster way to travel during times when the weather is cold or rainy.

Another solution brought up during the interviews in response to the hills on campus was the idea of creating a more accessible pathway around these parts of campus. For example, participant 3 stated that the hill next to the Langone Center was one of the harder hills to navigate on campus. From an engineering perspective, she proposed a solution to build a wavy pathway so that a biker would not have to bike straight up the hill. These types of solutions would offer an easier way to travel through campus.

5.2 Behavior and Attitudes

A section of the interviews was dedicated to individual behavior and attitudes toward biking. This section indicates how the participant generally feels about biking, which is important in interpreting the survey results. For example, if a participant shared that they do not bike and have no desire to bike, this may have influenced the responses they gave, such as not having many opinions on the current infrastructure or state of the current biking conditions.

Because the interviews were selected randomly, there were participants that enjoyed biking and would consider themselves a biker, and participants who had little interest in making campus more bikeable. Both opinions were important in understanding just how many people could be a part in changing Bucknell to a more bikeable campus.

The first question asked in the interviews was whether or not the participant currently biked on campus. Only three of the interviewees responded that they currently biked on campus. If the participants said that they currently do not bike, they were asked a follow up question regarding whether or not they wanted to bike more. Of the 17 participants who were asked this question, 16 of them said they desired to bike more. One of the respondents shared that they have little desire to bike more because they prefer to walk or drive.

I then asked the participants if they enjoyed biking in general. If they answered that they did not enjoy biking this would explain why they would not want to bike in the future, even after measures were put in place to make the campus more bike friendly. 19 out of 20 of the participants said that they enjoyed biking. It was important that I asked this question because the one participant who stated they currently did not enjoy biking also stated that they had no desire to bike on campus. It must be noted that not everyone is interested in biking. Nonetheless, both the survey and the interviews suggested that most people are interested in biking, and in biking more frequently. Some of the reasons the participants liked to bike were because it is an environmentally friendly alternative, it is a great way to exercise, and it is faster than walking. One mentioned that it was cheaper to rent a bike than it would be to pay for a parking pass each semester.

I asked the interviewees what would encourage them to bike more. Participant 1, who was a current biker, shared that their location on campus influenced how much they biked. They

explained that when they were closer to the academic building, they rarely rode their bike because it was more convenient to walk. If they were located farther from the main campus, such as at an off campus downtown house, they found that they used their bike more.

Another important factor many of the interviewees mentioned was the installation of bike racks/ corrals. The topic of increasing bike parking came up in several interviews. The responses to this topic were split. Some of the interviewees believe that the campus currently has enough bike parking located around campus, and others thought that Bucknell does not have enough. The people that currently rode their bikes on campus indicated that they did not have trouble finding areas to park their bikes.

The conversation regarding bike racks leads to a possibility that although we do have areas on campus to park bikes, there may not be enough bike parking on campus. If people were made aware of where to park their bikes, they might be more inclined to bike to class rather than walking or driving. We must prepare for more parking options as students begin to bike more. Additionally, when asked why a participant chose to walk or drive to class, many of them explained that it was convenient because they were used to walking. This leads to a question, if the participants knew how and where to park their bikes, would this encourage them to bike more?

The last question asked in the interviews in the behavior and attitudes section was on parking restrictions. This question brought up the current parking restrictions on campus that only allow a vehicle to park within its certain sticker area. For example, northern parking stickers can only park on north campus, and parking out of this zone will result in a ticket. I asked the participants if restrictions like this one were beneficial to encourage people to bike more, or if they thought it was annoying to have restrictions on where to park. The responses varied. Seven

of the participants shared that they think restrictions or negative reinforcements like these are not beneficial to encourage biking but rather just make an obstacle for automobile users and create a parking issue on campus. The rest of the participants thought that parking restrictions encouraged people to walk more because they could not use their car to drive to class. One stated, “Well, I think, with the campus's goal of being carbon neutral by a certain point in time, I can't remember exactly what year it is, I think they should limit the amount of cars they have on campus” [12]. Many people are aware of Bucknell's current carbon neutrality goal by 2030³.

On the carbon neutrality report, it explains how there are different scopes that fit into the carbon neutrality goal for 2030. Scope 1 emissions, resulting from on-campus sources; Scope 2 emissions, resulting from purchased electricity; and Scope 3 emissions, resulting from indirect sources like commuting and university-sponsored travel. The electric bike initiative would cut down on emissions for commuting and university-sponsored travel. After further research, a study on regional e-bike impacts on greenhouse gas emissions found that “an individual e-bike could provide an average reduction of 225kg CO₂ per year” (McQueen, MacArthur, and Cherry 2020). In order to achieve this goal, reducing the number of cars on campus, as well as encouraging biking would be extremely beneficial.

Section 5.3: Societal Environment

The last section of the interviews dealt with questions about the societal environment at Bucknell, such as the general norms on campus. These questions were asked of each participant whether they were a current student at Bucknell, a professor/staff member, or an alumnus. The

³ In the fall 2020 Bucknell newsletter, it stated it plans to “holistically achieve carbon neutrality (Scopes 1, 2 &3) by 2030”.

https://www.bucknell.edu/sites/default/files/sustainability/ocs_newsletter_fall_2020_final_version-1.pdf

general norms could be perceived differently based on the age of the participant, as well as when they attended Bucknell.

The first question asked of every participant was whether or not “it is cool to ride a bike at Bucknell.” Thirteen participants shared that they do not think it is considered ‘cool’ on campus because they do not see a lot of people riding bikes. Six of the participants either said yes, it is cool or that they do not think people are judgmental on campus about riding a bike. More than half of the participants, however, felt either self-conscious about riding a bike themselves or felt that riding one was not socially normal on campus. One mentioned that they have not seen enough people bike on campus to come to a conclusion about whether or not it is socially acceptable on campus to bike [Interview 11]. Overall, the majority of the interviewees felt that it was not a norm to ride a bike on campus. Three of the six participants that thought that it was socially acceptable to bike on campus were current bikers. Two of those current bikers were professors on campus.

Participant 3 stated that although they personally believe it is cool to ride a bike at Bucknell, they would not say that it is very popular. They shared that even though they think it is cool, they acknowledge that most people do not [Interview 3]. They also shared that it is socially acceptable in places such as the rail trail, but on campus it is less likely to be considered a social norm. Overall, the responses of students seem to indicate a correlation between student attitudes towards whether or not it is cool to bike and the number of students actually biking. This indicates significant potential for policies directed at influencing social norms regarding biking.

The next question that was asked of every participant was whether or not they believed that students and staff could be convinced to bike instead of walking or driving. I prefaced this question by explaining that most people on campus either walked or drove, so the university has

historically had an automobile-centric campus⁴. This question's purpose was to see whether participants believed the Bucknell campus could be changed to become a bike-centric campus.

The answers to whether or not they believed campus could become bike-centric were split 12 to 8. 12 of the participants recognized that there has been a shift from driving on campus to more walking. Participant 9 stated that campus can 'absolutely be changed'. They stated that it is clear that so many people are interested in having a more bikeable campus but there needs to be some sort of push or incentive. This respondent also noted that many people do not know of the current bike resources Bucknell has and if they were made aware then more people would start to bike [Interview 9].

Another reason that Bucknell might change to a more bike-centric campus would be due to our sustainability goal of reducing carbon emissions to carbon neutrality by 2050. Participant 12 explained that she thinks this is a very good incentive to encourage campus to put more emphasis on biking. They explained that many professors on campus bike for this reason and this sets the tone for other students to start biking. As Bucknell gets closer and closer to 2050, they will want to do everything they can to reduce emissions on campus and this is a very good way to incorporate better, more sustainable habits at Bucknell [Interview 12].

8 participants thought that Bucknell would always be stuck in an automobile-centric mindset. In other words, they believed that we have become so dependent on cars that the switch to biking is not likely. One of the reasons a participant gave was due to the weather in Lewisburg. Because we live in an area where 3-4 months out of the year are very cold and it often snows, they believed this would be an obstacle to biking [Interview 10]. Another

⁴ Appendix C shows a map of Bucknell in 1991 where the campus was dominated by roads. These roads eventually were transformed into walkways and are currently only available to get to by walking.

participant mentioned that it would be hard to make biking the main form of transportation because of how campus is currently formed. She explained that although campus is very walkable, this does not mean it is safe or accessible to ride a bike [Interviewee 11].

Currently, campus is very walkable, but it must be noted that a walkable campus is not the same as a bikeable campus. Many of the participants noted that they felt campus was very walkable and therefore the walking paths could also be used for biking. However, although this may seem plausible, using a walking path for biking is not safe and should not be the main pathway for bikes. Furthermore, during busy times of the day such as between classes, the walking paths on campus are full. Therefore, it will be important for the campus to invest in bike lanes or bike paths if there is a commitment to greater biking on campus.

Another notable takeaway from the societal environment section of the interviews was the suggestion of pairing biking initiatives with Greek organizations on campus. Three separate interviewees mentioned that Greek life on campus sets the tones for social norms since it is a very large part of the social setting at Bucknell. These organizations often host activities and events to raise money or awareness for certain causes. One of the events could incorporate biking on campus which would allow for students to try out biking and understand where the parking is, where the paths are, and what it is like to bike on campus. This would also introduce students to the process of renting a bike. The more sororities and fraternities that become involved, the more common it would become on campus to ride a bike.

The last question asked was based on an ideal situation where biking was the main form of transportation. This question asked if everyone else rode a bike as the main way to get around campus would this influence you to also ride a bike? The point of this question was to weed out those who were influenced by norms on campus and those who were influenced by other factors

such as the weather or poor infrastructure. Three of the participants shared that they would still not bike even if it was the most popular form of transportation on campus. A participant shared that they would most likely ride their skateboard, but they did not think they could see themselves riding a bike [Interview 2]. For some, their preference for other modes of transportation influences their decision not to ride a bike rather than the norms on campus influencing them. Participant 9 shared that they would not like to ride their bike because they get too sweaty, and they would prefer not showing up to class like that [Interviewee 9].

For others, it was clear that the norms on campus had a big influence on their decision to ride a bike. They felt that if everyone else was riding their bike to class they would feel more comfortable or even more obligated to ride their bike [Interview 19]. Participant 4 shared that they would definitely ride their bike if everyone else was doing it, as long as there was enough bike parking [Interview 4]. Another shared that they felt that as more people began to bike, they would as well because it would become safer [Interview 5]. They explained that as you begin to ride in groups it is better than riding alone, and also the number of cars on the roads would begin to decrease as people made the switch. As mentioned earlier, this theory was proven in a study where societal change was what encouraged a safer cycling environment (Baker 2006). The more people that switched to cycling, the more it became a norm, and the less cars were on the road.

5.4 Interview Conclusions

The main goal of the interviews was to allow more time for the survey respondents to share insights about their opinions, experiences, and thoughts about biking at Bucknell. The interviews gave time for the interviewees to expand on their survey responses, give in depth

explanations, and propose possible solutions that could be implemented in the future. Many topics were brought up by multiple interviewees and these repetitions were noted.

Within the built environment section, it was evident that many of the current bikers on campus felt unsafe riding their bikes at particular intersections on campus. Three respondents shared that the intersection between 7th street and Moore Avenue has caused difficulties in the past and is not easily navigated. Other interviewees mentioned that they feel unsafe at times because they are not exactly sure whether or not they should be sharing the roads with other automobiles or using the sidewalks. They felt both of the options at times were not ideal and they wished there were bike paths. For those that did not consider themselves bikers, many shared that they had no idea where they were even supposed to be biking, and they are unfamiliar with current bike parking and trails. The lack of knowledge of biking facilities and general infrastructure is not ideal if we are trying to convince more Bucknell students to bike. As mentioned in the survey section of this study, biking infrastructure changes may need to precede cultural or social shifts if we wish to create a biking community at Bucknell. It is evident that people have a desire to bike, but they are not able to do so when they are not given the basic infrastructure to begin.

Notable takeaways about the built environment also pointed out other obstacles on campus. The hill near the Elaine Langone Center, the weather, and crossing route 15 were notable obstacles with the physical environment. When asked how these areas could be improved, many shared various ideas. One interesting idea was the creation of a curved road so that going up the hill by the Langone Center would be easier and less physically taxing. Additionally, electric bikes would help with the hills and also would be an option when the weather is bad because transportation would be quicker than on a traditional bike. For crossing

Route 15, it was noted that there should be a bike path and more obvious signs and markings specifically for bike traffic.

Within the attitudes and behavior section of the survey, the majority of respondents were optimistic about biking becoming a larger part of campus. 13 out of 20 respondents, however, did not believe in restricting parking to encourage more people to bike. They thought negative reinforcements like this only created a parking problem rather than initiating a larger biking community on campus. Rather than using this method, they believed positive reinforcements should be used such as being included in a raffle or partnering with downtown businesses to get discounts on certain purchases.

19 out of 20 respondents shared that they enjoyed biking in general, so it must be noted that whether or not they choose to bike at Bucknell had nothing to do with not liking to bike, but rather there being some sort of obstacle preventing them from biking. This indicates that an investment in biking infrastructure and improvements in bike availability are likely to have a large impact on the amount of biking on campus.

The societal norm section brought to light the weight of social norms on campus and just how influenced people are by the actions of their peers. Within the interviews I focused on whether the obstacle to biking on campus was either the physical environment or more about norms on campus. Although it was quite clear that the built environment was lacking in basic infrastructure, societal norms on campus were also a large part in influencing whether or not people biked. Overall, most of the participants felt that they would not feel comfortable riding a bike at Bucknell. Three of the six participants that thought that it was socially acceptable to bike were already current bikers. Two of the three current bikers were professors on campus. Those that did not bike shared that they were not yet socially comfortable riding bikes mainly because

they do not see a lot of other people doing it. This indicates significant potential for events to raise awareness and to encourage biking. If such events could change attitudes towards biking on campus, they could have a significant impact.

The participants were asked about their optimism in the future of Bucknell becoming more of a biking school. 8 participants shared that the weather and the hills on campus were a huge obstacle that would make it very difficult for Bucknell to make the switch. Due to the location of Bucknell and the snowy winter months, some believed this would prevent people from riding a bike. The 12 other participants were optimistic. One notable comment came from an interviewee who shared the history of Bucknell over time and how it changed from an automobile centric campus to a more walkable campus. Many areas on campus, such as the science quad between Olin and Dana, were once parking lots designed for cars. Moving cars to the outskirts of campus and creating pleasant, walkable areas prompted a significant change in culture. If a switch from driving to walking was made in the past, there is definitely a possibility we can also create an additional shift from driving to biking. As mentioned, it must be noted that a walkable campus and a bikeable campus are two very different built environments. Just because a site is pedestrian friendly does not make it suitable to ride a bike.

Overall, it was clear that the norms on campus had a big influence on an interviewee's decision to ride a bike. They felt that if everyone else was riding a bike to class they would feel more comfortable or even more obligated to ride their bike [Interview 19]. If a larger number of people begin to ride bikes on campus, there would also have to be more bike parking and more bike signs. As the bike infrastructure advances, more people will become interested in biking, and this would result in a positive feedback loop where others additionally begin to bike. The more people that bike means the less people that are driving which would create a safer biking

environment (Baker 2006). The more people that switch to cycling, the more it becomes a norm, and the less cars are on the road.

Chapter 6: Proposed Solutions to create a more bikeable campus

The goal of this thesis was to gather information on community attitudes towards biking and to use this information to develop viable solutions in order to encourage a stronger biking community on campus. Through the collection of data in the survey, conversations through interviews, and a review of the literature on biking, this thesis yielded results that point to numerous suggestions that would enhance the biking experience at Bucknell and thereby contribute to campus sustainability.

To begin, one of the main questions I sought to answer was whether or not structural changes should precede cultural changes or vice versa. It is clear that we are currently lacking both a strong built environment for biking on campus as well as a strong biking community culture. Based on interviews and data from the survey, much of the evidence indicates that at Bucknell we need to create a better structural environment for biking before we expect people to change their habits. One of the interviewees, Dr. Shaunna Barnhart, has a background in the history of Bucknell's built environment as the Place Studies Program Director in the Bucknell Center for Sustainability and the Environment, and she additionally has a PhD in Geography. From her understanding of what we have historically seen at Bucknell she stated we would need to have "the infrastructure to support biking and then, once you have the infrastructure, then the cultural shift comes" [Interviewee 20]. Within the interview we discussed the history of Bucknell being extremely automobile centric and making the switch around the 1980s to a more 'walkable' campus. Dr. Barnhart believed that by making the physical shift, such as removing the road through one of the academic quads, this encouraged people to walk rather than drive because walking was a better option. Making the physical switch then gave rise to a cultural shift. Using this example, Dr. Barnhart believed we could use this same method to encourage

biking on campus. Additionally, the most common response to the question “which factor would encourage biking as a norm on campus” was better infrastructure. This additionally supports the claim that infrastructure changes must precede cultural and social shifts.

Environmentally, Bucknell can make improvements in many areas on campus to ensure a more sustainable future. Making the shift to a more bikeable campus will in turn generate a more sustainable community. As less cars are on the roads, Bucknell will contribute less carbon emissions. If students, staff, and faculty were to switch to biking, this would also take up less land for automobile parking which would therefore allow more land for more green space and bike paths. In order to achieve carbon neutrality by 2050, Bucknell needs to take every step in the right direction to ensure we successfully reach this goal.

Knowing this information, it is then clear that our first step would be to deal with bike lanes, bike paths and other physical structures that would generate a safer biking experience that would then lead to cultural shifts. In Bucknell’s campus master plan it states, “The Plan includes similar efforts to improve bike lanes as well as connections to downtown Lewisburg” (Bucknell Master Plan 2016). The plan notes that they have characterized the relative importance of pedestrians, bikers, and automobiles in that order. The Bucknell Master Plan indicates that there is a desire to increase bike paths, but there is pushback from some community members that increases in bike infrastructure will make parking and driving more of an issue on campus. This must be considered, as we do not want to create another problem while solving one. Nonetheless, increasing biking at the expense of driving would improve sustainability directly and should therefore be considered seriously by the administration. The bike paths should be accessible to all academic buildings and connect to main roads such as Moore Avenue, and 7th Street. Additionally, the administration should consider implementing separate bike lanes through busy

parking lots to prevent unsafe conditions and allow a safer travel. Similar to the infrastructure I saw in Copenhagen, all bike lanes should include signs and traffic signals providing safe and clear routes to campus. Ideally, there should be a median separating the bike lanes from cars so that there is no room for automobiles crossing the line and causing unsafe conditions.

In addition to bike paths, we need to encourage biking by making sure there is enough bike parking and areas to store bikes. At one time on campus, there were bike corrals located in different areas on campus and they had coverage over them for instances when the weather was not ideal (see appendix B.). These corrals have been removed from the area where they are located in the picture, and there are no places on campus where there is coverage for bike corrals. There needs to be an adequate amount of bike corrals and there additionally needs to be coverage for times when it rains or snows. This would prevent unnecessary damage to the bikes. Additionally, electric bikes should be covered and have an area where they can be recharged. Solar panels could be implemented at the top of the electric bikes parking station. This would be a more sustainable way to recharge the bikes.

Another method of encouraging biking on campus is to provide access to bikes. Many students shared that they do not currently own a bike or did not bring their bike to campus. This does not mean that they are not interested in biking, but rather they do not have the means to do so. We currently have the option to rent bikes on campus, but this is not promoted well enough for people to use this as an option. In addition to renting a bike for a day, the option of renting a bike for the semester should be promoted at the beginning of each term. Renting a bike should be the same as, or cheaper than purchasing a parking sticker on campus, which is usually \$100 per semester. This would be an incentive for students to choose biking instead of driving as it is the

cheaper option. Additionally, bike parking must be available anywhere on campus whereas parking stickers only allow access to certain areas.⁵

Another proposed change on campus is to establish a system to make electric bikes widely available.⁶ 19 out of 20 participants within the interviews said they would use E-bikes on campus. Within the survey 109 respondents said they would use electric bikes. These bikes are a great alternative to other modes of transportation especially for first year students who are not allowed to have cars on campus. Within the interviews, I asked where these bikes should be located on campus. Many people responded that they should be dispersed around campus to allow access from anywhere. Some of the mentioned spots would be uphill by the senior apartments, near the library, near the zip cars on Moore avenue, and by the Mods. The central location that most of the interviewees suggested should be located near the ELC or by the Zip cars on Moore Avenue. This is the most central part of campus and also an area that everyone easily has access to. These electric bikes should be covered so that on days where it is raining or snowing, they are still an option.

Bringing electric bikes to campus is both an environmental investment as well as a financial one. Environmentally it will encourage less people to use cars on campus and offer a faster, more efficient solution to walking or traditional biking. As mentioned, Bucknell has a goal to become carbon neutral by 2050, and this would be a great solution to assist in achieving this goal. Financially, Bucknell's electric bikes could work similarly to Lime[®] or Bird[®] electric scooters. We could allow access to the bikes through the Bucknell App in transportation.

⁵ Bucknell initiated a sticker program to allow students to park only within their designated area. For example, if you have a northern sticker you can only park on the northern section of campus

⁶ Electric bikes, also known as e-bikes, include a lithium-based battery that motorizes them to allow more mobility with less physical effort (Turner 2013).

Students could pay \$1.00 to start and an additional \$0.15 per minute which is comparable to that of Lime[®] (Button, Frye, and Reaves 2020). After students begin to use them, there will be a better understanding of how long the average travel time is and how often the bikes are used. If the travel time is low, there might be a higher startup fee to counteract the little money made on the travel time. If travel time is longer, then the startup fee can be lowered. The electric bikes would eventually pay for themselves the more students use them.

In the behaviors and attitudes section, interviewees were asked about their opinion of parking restrictions on campus. Students are only allowed to park within their designated parking sticker area. Although some students agreed that this did a great job of convincing students to use other modes of transportation, negative reinforcement options like this were not a popular solution amongst the interviewees. It is concluded that the majority of respondents do not like to be inconvenienced and parking restrictions create an inconvenience to those traveling by automobile. This is one way to lead people to seek out other modes of transportation, but it is clear that in order to encourage biking respondents preferred a more positive reinforcement approach. Interviewee 3 shared, “I definitely think Bucknell has a parking problem. So, I'm definitely not on board with making it even worse” [Interview 3].

One positive way to encourage students to switch to biking would be by having positive reinforcements such as a raffle. Every time a member on campus rents a bike, they could be entered into a raffle in which they could win a grand prize. This would encourage students to want to enter. Participant 2 suggested that the outdoor club partner with surrounding Lewisburg restaurants so that if you ride your bike to the restaurant you get a discount or some sort of

reward. These little rewards would encourage students to save money and try new modes of transportation.

Both within the survey and the interviews, it was apparent that the majority of participants desired to increase their biking from what they were currently doing. One of the reasons preventing them from biking more was that they were not comfortable with the current norms on campus, since respondents perceived that biking was not a popular form of transportation. In order to encourage biking to become a norm, and to allow people to practice navigating around campus, I propose that there should be a “Bike to Class Day” where students and faculty are encouraged to rent a bike for a day either at a discounted price or for free. If everyone tries it on the same day this would reduce the social pressures of being one of the only persons biking on campus.

This bike to class day should be early in the academic year because it would encourage students to figure out how to rent a bike, where the biking paths are, where the bike parking is, and how long it will take/ where to go when biking to class. This solution was prompted from my abroad experience in Copenhagen where we had a biking orientation and an opportunity to practice biking to class with other students. It was fun and also took the pressure off of trying something new by ourselves. Because everyone else was doing it, I wanted to try it too. A bike to class day could happen multiple times per semester and can include a bike orientation for novel bikers. Those that participate should be incentivized and rewarded with some sort of prize or possibility of winning a prize.

Additionally, other bike related events that occur in Lewisburg can be promoted on this day as well. There can be bike races, bike contrasts, and other bike-oriented events. This

proposed solution once again is not taking away from those that drive cars or walk on campus, but rather rewarding those that choose to travel by bike.

Another societal factor that was voiced by three separate interviewees was the influence of Greek Life at Bucknell. Because the majority of students on campus are involved in Greek Life, they tend to set the societal norms on campus for what is considered to be 'cool'. Three participants shared that if Bucknell were to pair with different Greek organizations and encourage them to have a biking event or promote biking in some way, that this would bring exposure to biking on campus. Different fraternities and sororities host events on campus to raise awareness for various causes, and this could be one of their events.

Although there is not one specific solution that would generate a complete switch to biking as a main form of transportation on campus, a culmination of smaller changes would eventually change the dynamic of biking on campus. It is clear that we must first make the structural changes in order to ensure safety and accessibility of biking on campus. Once we have completed this, the cultural shifts will ensue, especially if assisted by programs to instill a positive attitude towards biking among them members of the Bucknell community.

Chapter 6: Conclusions

A biking community could have a tremendous impact on Bucknell by offering a more sustainable form of transportation, increasing exercise on campus, and decreasing the amount of cars, leaving space for more green spaces or other infrastructure. Currently there is not a large biking community at Bucknell, but from the survey results and interview conversations, it is clear there is a desire to bike more frequently, especially for those that do not currently bike at all. Respondents shared information about the current built environment and how unsuccessful it currently is in supporting biking, answered questions about their general behaviors and attitudes toward biking, and offered insights on the societal environment at Bucknell and whether biking is considered a norm. The information gave a better understanding of who would like to bike more, where we can better our current infrastructure, and how socially we can increase the amount of biking on campus.

The survey asked numerous questions regarding the participants' demographics, general attitudes and behaviors, and their thoughts on the built environment, and the societal environment. A number of conclusions can be drawn based on the survey results and data collected.

Based on the built environment section, people felt that Bucknell's current biking infrastructure could be improved. When asked to elaborate, the most unsafe areas on or around campus seemed to be crossing Route 15 and traveling along 7th street. These were considered the largest obstacles to riding a bike on campus and major reasons that deterred people from currently biking. It was clear that not knowing how to bike and it being too dangerous were not main reasons that deterred people from wanting to bike on campus.

The attitudes and behavior section was the largest within the survey and therefore resulted in many interesting findings. There is a clear desire among most respondents to bike more than what the average biker on campus is currently doing. The majority of respondents shared that they wish to bike more miles than they are currently biking, and they also wish to bike more frequently than they currently bike. If students and faculty biked as much as they desire, the majority of them would be biking 1-3 trips per week. 17.5% of respondents even shared they would bike every day.

One of the bike infrastructure changes that people felt was important in encouraging biking was bike parking. Although there is bike parking currently on campus, these parking options can be improved to include an overhang or roof to prevent weather from damaging bikes or creating another obstacle to biking. Bike parking must also increase if we wish the number of bikers to increase. In addition to the physical changes that must be implemented, it is important to know where we should focus. The most common place to travel on or around campus was the grocery store and Market Street. When asked where the most desired place to travel via bike was, responses indicated that people biked for leisurely travel, to the rail trail, or to Market Street.

Knowing this information, these destinations should have easy access via bike, and infrastructures should be improved so that biking is safe and preferred locations are easily accessible. In the Bucknell master plan, there is a goal to implement more bike paths and bike parking. As mentioned in the literature review section, a survey analyzed general attitudes toward biking infrastructure on the Liege, Belgium campus. The survey asked participants to rate the conditions that would encourage the most people to travel by bike in order of descending importance: the development of bike paths, allowance and installation of bike parking, and showers at the university campuses. It concluded that the implementation of bike paths was most

important out of all of the proposed installations (Nematchoua et al. 2020). Similarly, the survey at Bucknell showed the importance and desire of more bike paths and bike parking. Both of these infrastructure changes should be prioritized in the areas where people are most likely to travel by bike. Additionally, the survey respondents noted that road lighting and traffic signs are important initiatives that should be prioritized. Once again, although road lighting and traffic signs should be improved in all areas of campus, the areas where respondents stated they would most likely travel by bike need to be the main areas of focus.

The survey results illustrated a high interest in bringing electric bikes to campus. 54.5% said that they would definitely use an electric bike if there were an option on campus. Another 18.5% responded “maybe” which means they could be convinced to use electric bikes. Although most people responded that they would prefer to use a traditional bike, using both a traditional and electric bike was the second most popular response. Only 5% of respondents stated that they would use neither of the options.

As of right now, the most preferred mode of transportation on campus is walking. Although this is preferable to driving a car, a walkable campus is not the same as a bikeable one. A campus that is walkable does not necessarily mean it is also safe to ride a bike. We have made the switch to a more pedestrian focused campus rather than an automobile campus (See appendix C). The automobile used to dominate campus: cars used to be able to go straight through the quad which is now only accessible via walking. If we have made this switch in the past 30 years, we can make the switch to alter campus to be more biking friendly.

As mentioned, in order to make this switch we must first focus on the physical built environment, and then the cultural shifts will come. Once we have established a foundation

within our built environment to make biking accessible, convenient, and safe, we can then encourage members on campus to bike by creating some sort of incentive. 44% of people said that if there was a raffle on campus that would result in some sort of prize, this would encourage them to bike more. Overall, only 11% of people believed that Bucknell was considered a “bike-friendly” campus. If we wish to see more people biking, we must first make biking a feasible option.

The societal norms section brought to light just how influenced people are by their peers on campus. 60% of respondents shared that they do not consider biking to be a norm on campus. For some, this is not a deciding factor of whether or not they would choose to bike themselves, but for others, the social pressure of being the minority with respect to biking is too much for them to consider it. 54.5% of respondents admitted that they do not feel socially comfortable riding a bike at Bucknell. When asked if the number of current bikers affected whether or not the participants chose to bike, about 41.5% said they either agree or strongly agree with this statement and 34% said they disagree. 25.5% were neutral. It is clear that societal norms have an effect on some of the participants on whether or not they choose to bike. This highlights the need to begin to change social norms regarding biking on campus. This can be achieved by creating more exposure to biking by promoting a bike to class day, encouraging Greek Life and other extra-curricular clubs to promote biking, and overall publicize where and how to get a bike on campus.

55% of those that participated in the survey said that they would participate in a bike to class day. This sample is indicative of all of Bucknell meaning that over half of the student body and faculty/staff would participate in a bike to class/workday which would be more than 2000 people. Getting only a few hundred to participate would encourage widespread exposure and

create more of a norm of biking on campus. Lastly, when asked which factor would encourage biking as a norm on campus, better infrastructure was the most common response. This additionally supports the claim that infrastructure changes must precede cultural and social shifts.

The interviewees, through personal narratives of biking on campus and conversation about what needs to change, illustrated what a successful biking community might look like at Bucknell University. The interviewees reflected on their own participation in, observation of, and reactions to differing biking experiences and possible solutions to both the physical environment and societal environment. Although no interviews were exactly the same, there were many congruities that brought certain issues to light.

For one, it was noted by every participant that there is a clear lack of biking infrastructure on campus. Although the exact biking areas that were problematic varied, it is concluded that there is a desire for separate bike paths or lanes that would encourage the safety of biking on campus resulting in a higher biking demand. This evidence is additionally supported by the terms “bike lanes” and “bike paths” being used the most often in the interviews.

Another conclusion drawn from the built environment section of the interviews was that there was a high interest of bringing electric bikes to campus. These bikes would assist those that have difficulties biking up the large hills on campus, and also allow people to travel further and faster. 19 of 20 participants stated that they would use the electric bike if it were available on campus and many pointed out that these would specifically be beneficial to first year students who are not allowed cars on campus.

The behavior and attitudes section prompted interviewees to share their own experiences with biking on campus and allow room for reactions and thoughts to certain topics. It is clear that

most people walk on campus as their main form of transportation and in some cases used cars. The reason for this was habit, comfortability, and convenience. Although these were the most common forms of transportation, all but one participant answered that they enjoy biking in general. From this it is concluded that it is not a lack of interest that deters students and faculty from biking, but rather the form of transportation is chosen from habit, comfortability, and convenience, all of which can be altered to make biking the preferred method.

The societal environment section illustrated that people are generally affected by norms on campus. Within the interviews it was clear that most people did not find it to be considered “cool” or a norm on campus to ride a bike. This question was followed up by asking whether or not people would choose to ride a bike if it was the most common form of transportation. 19 out of 20 people said yes. From this, it is concluded that people’s chosen transportation methods are highly indicative of what is considered common on campus. Furthermore, it is also concluded that biking safety would increase as more people ride bikes because of the reduction in car traffic, which would additionally encourage more people to ride a bike.

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Chapter 8: Appendices

APPENDIX A Interview questions

*Highlighted are questions asked in every interview

Demographics

1. Interviewee Name:
2. Interviewee year/ student or staff

Interpreting Survey responses

3. Your response to question ____ was _____. Can you elaborate more on this?
4. You said “_____” in the open-ended question- can you elaborate more on this?
5. You defined “bikeable” as _____. Why did you use this word choice? Can you elaborate more on this? Do you think this describes Bucknell University?
6. If applicable: Use these questions to clarify responses that have contradicting answers
7. You answered _____ to this question but, _____ to this question, can you clarify this.

Behavior and attitudes

8. What was not asked in the survey that you feel is important about biking at Bucknell University?
9. Could you see yourself biking at Bucknell in the future? What would encourage you?
10. Do you enjoy biking?
11. Why do you choose to drive/ walk rather than bike? (If applicable)
12. Should there be restrictions on cars to encourage biking?

Built Environment

13. What ways can the general infrastructure (bike lanes, parking, signs) at Bucknell be improved to better biking safety and accessibility?

14. Which one of the list below is LEAST important to encourage biking at Bucknell? Why?

Bike Lanes

Bike Parking/ Corrals

Topography (hilliness vs. flatness)

Distance (how long the trip is)

Weather

Road Safety (in relation to other vehicles)

Biking Facilities (biking separation, bike signs, crossing signals)

15. Where on campus would bike parking be most important?

16. If e-bikes were brought to campus, would you use them? where should these be located?

Societal Environment

17. Do you think that it is 'cool' to ride a bike? Explain why or why not

18. Do you wish more people biked on campus? Why or why not?

19. Do you think students and staff could be convinced to bike instead of drive to class?

20. If the most popular mode of transportation was biking would you also bike?

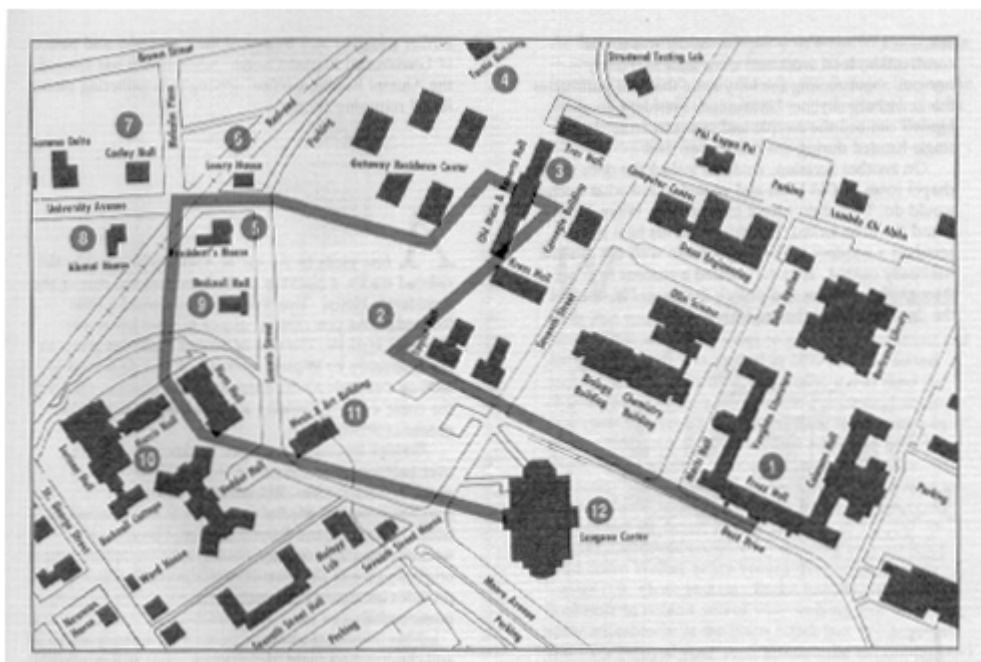
Proposed solutions

21. What is the most important factor that would get more people to bike on campus?

22. What is the biggest obstacle to riding a bike on campus? How could this be fixed?

23. Do you think e-bikes would encourage students to bike who are worried about hills?

24. Do you think a bike to class day would be beneficial to influence people to bike more?

APPENDIX B: Picture of a covered bike corral, Bucknell University Archives, (1993)**APPENDIX C - Historical Map of Bucknell (1991) Bucknell University****Appendix D Consent form**

Biking At Bucknell
Informed Consent
Bucknell University

You are invited to participate in a research study about Biking on campus at Bucknell University. If you agree to participate, using the link you can access a brief survey that will ask a variety of questions about general demographics, attitudes and behavior, the built environment, and the societal environment. The survey should take no more than 10 minutes to complete. Your participation is fully voluntary and you may discontinue your participation at any time. There are no risks anticipated for this study. The survey does ask for your email, however this information will not be included in the thesis and all information will remain anonymous. I plan to recruit at least 200 participants for this survey. By taking this survey, your participation will enhance my research and give me a better understanding of the current biking community on campus.

If you have any questions or concerns about this study, you may contact Geoff Schneider at gschnedr@bucknell.edu. General questions or concerns about the rights of human subjects of research may be directed to the chair of the Institutional Review Board, Matthew Slater, by phone at 570-577-2767 or email at mathew.slater@bucknell.edu.

This study was approved by the Bucknell University IRB on 11/03/2020.

Appendix E Transcripts

Respondent 1: Sam White

1

00:00:37.710 --> 00:00:39.360

Makenna Cerney: I think I was on the wrong thing. That's why.

2

00:00:40.140 --> 00:00:41.460

Sam White: Do I have to look presentable.

3

00:00:42.900 --> 00:00:56.160

Makenna Cerney: You look perfect and no one's going to see this. It's just so I have a transcript of it. Um, so basically I just need you to consent that this is going to be recorded and I can use

4

00:00:57.900 --> 00:00:59.490

Makenna Cerney: Things that you say in the interview.

5

00:01:00.600 --> 00:01:03.780

Makenna Cerney: And my report, it'll be anonymous though.

6

00:01:04.710 --> 00:01:06.930

Sam White: Yeah, cool that's fine with me.

7

00:01:07.530 --> 00:01:07.980

Okay.

8

00:01:09.330 --> 00:01:12.930

Makenna Cerney: All right, so I'm just going to ask you some questions based on the survey.

9

00:01:14.490 --> 00:01:24.990

Makenna Cerney: So it's selected randomly. So you're just a random participant. So just answer honestly and it doesn't matter if you've biked at all, or if you bike often

10

00:01:26.280 --> 00:01:29.910

Makenna Cerney: So just to confirm you are a junior correct

11

00:01:30.300 --> 00:01:31.290

Sam White: I am a junior

12

00:01:31.830 --> 00:01:39.960

Makenna Cerney: Okay, so I'm just going to run through a few questions. Um, so the first question I'm going to ask

13

00:01:41.070 --> 00:01:45.630

Makenna Cerney: Is could you see yourself biking at Bucknell in the future and what would encourage you

14

00:01:47.190 --> 00:01:50.940

Sam White: Definitely, I can definitely see if I see myself biking a book. No.

15

00:01:51.660 --> 00:02:04.950

Sam White: I think a lot of that depends on like where I live on campus if I live sort of in the middle of campus. I'm probably less likely to bike, but if I live like in the gateways or downtown, I'd be definitely more likely bike to class.

16

00:02:05.580 --> 00:02:09.090

Makenna Cerney: And do you do you currently bike right now on campus.

17

00:02:09.690 --> 00:02:14.070

Sam White: I do bike sometimes on campus. Not every day, but to like maybe once or twice a week.

18

00:02:16.200 --> 00:02:17.250

Makenna Cerney: Do you enjoy biking.

19

00:02:17.940 --> 00:02:18.870

Sam White: I do enjoy biking.

20

00:02:20.070 --> 00:02:21.000

Makenna Cerney: Why do you enjoy biking.

21

00:02:23.010 --> 00:02:35.430

Sam White: I think it mostly just stems from, you know, it feels good, because you're moving around, like you're you're getting exercising and you also feel like you're going like fast and you're accomplishing like distance

22

00:02:36.060 --> 00:02:41.940

Sam White: Um, what else. It's just fun. Like, I know it's like exciting type balance on two wheels and stuff and

23

00:02:41.970 --> 00:02:42.690

Makenna Cerney: Yeah, I

24

00:02:42.750 --> 00:02:44.100

Sam White: remember as a kid bike and

25

00:02:44.100 --> 00:02:46.830

Makenna Cerney: I think it's a way more fun than walking so I wish I'd

26

00:02:46.950 --> 00:02:47.460

Makenna Cerney: Like for it.

27

00:02:49.290 --> 00:02:55.860

Makenna Cerney: And so do you. Would you say you walk mostly on campus or drive mostly on campus. What's your normal form of transportation.

28

00:02:56.670 --> 00:03:01.650

Sam White: Most of the time I'm walking like if I'm going to class. I'm going to walk it if I'm going to the library. I'm going to walk it

29

00:03:02.850 --> 00:03:05.730

Makenna Cerney: So why do you think you choose to walk versus any other

30

00:03:06.810 --> 00:03:17.070

Sam White: Um, I think most of the time it's just because the distance, I have to travel to classes, not far and then you know I've worried about somebody may be still in my bike or

31

00:03:18.660 --> 00:03:19.380

Sam White: Something like that.

32

00:03:19.590 --> 00:03:25.290

Makenna Cerney: Um, do you think that there should be any restrictions on cars. So, for example,

33

00:03:27.420 --> 00:03:33.630

Makenna Cerney: It will admit, like have campus. Make it I guess harder to park closer to the library.

34

00:03:34.800 --> 00:03:42.000

Makenna Cerney: Or in or in order to encourage biking air encourage walking or is that something that you don't agree with

35

00:03:43.200 --> 00:03:47.880

Sam White: Um, I think it's a good idea to like get people to like buy can be active on campus.

36

00:03:48.270 --> 00:03:54.330

Sam White: I think it's a bad idea to restrict parking there the library, though, because a lot of people who live in like fraternity house is like me.

37

00:03:54.630 --> 00:04:02.790

Sam White: If you have to park there. And so it's already really hard to find a space so restricting the parking more would probably make it really hard for me to figure out where I can park my car.

38

00:04:02.820 --> 00:04:06.150

Makenna Cerney: Yeah, I agree. In the beginning of the semester when they had some like

39

00:04:06.360 --> 00:04:08.970

Makenna Cerney: Restrictions even last semester, I think it was really annoying.

40

00:04:09.450 --> 00:04:10.350

Sam White: It was difficult.

41

00:04:10.770 --> 00:04:20.760

Makenna Cerney: Um, so now just questions on the general infrastructure around campus and what ways do you think Jen like generally

42

00:04:21.510 --> 00:04:22.770

Makenna Cerney: So, for example, I'm

45

00:04:29.340 --> 00:04:36.600

Makenna Cerney: Do what things do things such as like bike lanes parking etc. could be improved for better safety.

46

00:04:40.020 --> 00:04:54.030

Sam White: I definitely think a bike lane would be really useful, especially on Seventh Street, like, especially when you come down to the intersection like down that hill people move pretty fast, and we'd be bad if somebody pulled out a dent drive and my kit you or something that'd be awful.

47

00:04:54.510 --> 00:04:55.080

Makenna Cerney: I was, I

48

00:04:55.770 --> 00:04:57.210

Makenna Cerney: Was aware so you answer that too.

49

00:04:57.600 --> 00:04:59.910

Sam White: Okay, cool. Yeah, that would be very helpful.

50

00:05:00.870 --> 00:05:15.660

Makenna Cerney: Um, and then I'm going to list some following things and just answer which one is the least important to encourage biking at Buck now. So just remember the least important so bike lanes bike parking

51

00:05:17.160 --> 00:05:29.100

Makenna Cerney: Topography which is holiness versus flatness distance or how long a trip is whether road safety or bike facilities and I can repeat it if you need

52

00:05:30.210 --> 00:05:34.020

Sam White: To topography is the least important because there's nothing you can do about that but

53

00:05:34.350 --> 00:05:40.620

Sam White: There's, there's no changing that. So I think that's something you can't just ignore unless you're coming up with like a bike conveyor belt that's

54

00:05:41.700 --> 00:05:59.430

Makenna Cerney: Um, and then specifically where on campus would bike parking. The most important if you could choose one area where let's say like pike biking corrals or some sort of biking implementation was put in a certain area, where would it be on campus.

55

00:06:00.420 --> 00:06:12.720

Sam White: To the library is probably the most crucial spot just because that's like the most central part of campus, especially like academically for the academic quad. You know, I feel like everyone would be very happy to park at the library.

56

00:06:13.800 --> 00:06:25.170

Sam White: The second most important place I'd say it's like the GLC because that's like, you know, where everyone eats, for the most part. So, speaking to people place to put their bike and feel safe about parking there but equally good to get packages.

57

00:06:26.070 --> 00:06:36.300

Makenna Cerney: And if he bikes were brought to campus, one would you ride them, and if so, where, where would you put them on campus.

58

00:06:39.240 --> 00:06:41.490

Sam White: I would 100% right them. That sounds awesome.

59

00:06:43.080 --> 00:06:50.850

Sam White: I would ride one and in terms of where they would be placed on campus. I would say the library. Again, like I think that'd be really good.

60

00:06:51.450 --> 00:07:01.590

Sam White: It would be really cool if there was like a bike terminal, like if you're doing like a City Bike thing we do like moved from one place and then put another place, having like one of the mods maybe or

61

00:07:02.190 --> 00:07:13.080

Sam White: Maybe like down by better with the gateways that were like, if you're far from if you're gonna have to go uphill or if you're kind of far from the academic quality could like taking a break from the monster and breaks a lot

62

00:07:13.380 --> 00:07:15.930

Makenna Cerney: So to have like multiple locations on campus.

63

00:07:16.230 --> 00:07:16.860

Sam White: Now, cool.

64

00:07:18.480 --> 00:07:28.380

Makenna Cerney: Okay. And then the next section is just going to be about the general I guess social norms on campus and how you feel, socially,

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00:07:29.430 --> 00:07:37.170

Makenna Cerney: So just answer honestly in response to these questions. Um, do you think that it is cool to ride a bike.

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00:07:39.570 --> 00:07:39.900

Sam White: No.

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00:07:41.880 --> 00:07:52.080

Makenna Cerney: Um, so, explain a little more on that. Why do you think it's an embarrassing or do you think it's because not a lot of other people write it, or why do you say no.

68

00:07:53.910 --> 00:07:58.530

Sam White: I'm, I'm not really sure. Specifically, I think it has to do the fact that, like,

69

00:07:59.130 --> 00:08:12.030

Sam White: Like riding from the mods, like when I was a sophomore I drive for the mods up to the class and I'd be sweaty and walk into class like kinda like that like kinda like I'd kind of funny because like the only one who would like even remotely like

70

00:08:12.060 --> 00:08:22.980

Makenna Cerney: That's what a lot of people responded in the survey, actually, is that a big thing is that they are really sweaty when they bike to class or if they buy ground campus. And so that's like one of the concerns.

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00:08:23.280 --> 00:08:30.630

Sam White: Yeah. And then I think. Additionally, like, there aren't a lot of people who do it. And in order to do it safely. You kind of have to bike on the

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00:08:31.140 --> 00:08:38.490

Sam White: Like paths, like around like if I was going down hill, I would ride on like one of those past that kind of go across the front lawn.

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00:08:38.970 --> 00:08:47.640

Sam White: But there are a lot of people that walk on those. So the bike on them. You kind of have to, like, make sure people like move out of your way. So you kind of feel like you're a bit of bother I'm

74

00:08:48.210 --> 00:08:56.280

Sam White: Just because like that's the most convenient way to go because we don't get hit by cars. That's like the safest way to do it. So I think that's another thing that makes me feel like they're not super cool.

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00:08:56.310 --> 00:09:04.200

Makenna Cerney: Yeah, no. That makes sense. Um, do you wish more people buy on campus. And if more people back on campus with this encourage you to buy more.

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00:09:04.740 --> 00:09:08.760

Sam White: Oh, for sure. I'm a hard mind kind of guy if more people were biking. I would definitely bike.

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00:09:09.720 --> 00:09:13.920

Sam White: It would be really cool to have a lot of people biking. I think that would prevent like

78

00:09:14.490 --> 00:09:24.060

Sam White: Again, like, because I live kind of near the library. A lot of people during the day will drive up from downtown or drive up from the mall to drive up from whatever gateways and they'll Park.

79

00:09:24.540 --> 00:09:40.530

Sam White: Kind of knew the library area and then like that leaves less parking for me or other people that live in the same vicinity as me, so be super helpful, just so that I could park my car a little easier. Um, but you know so much worried about like tickets and things like that.

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00:09:41.550 --> 00:09:49.410

Makenna Cerney: Um, and also do you think students and staff can be convinced to bike instead of driving to class.

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00:09:51.990 --> 00:09:58.260

Sam White: Yeah, I mean I think boffin sort of trying to do that with having if I think it's something I do you need

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00:09:58.860 --> 00:10:12.990

Sam White: If you have one parking sticker. It doesn't mean you can park at any part of campus, you're kind of regular your money to one area of campus. So having that kind of a parking sticker definitely encourage people to bike instead of walk or bike and we do you say bike instead of driving

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00:10:13.560 --> 00:10:15.000

Makenna Cerney: Yeah, or walk, you know,

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00:10:15.060 --> 00:10:21.240

Sam White: Right, instead of buying instead of Dr. Megan Kirsch with the balance of drive because then, like, you can't just park anywhere.

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00:10:22.200 --> 00:10:27.540

Sam White: I think if you enforce that a little more than it would like be better, but like this semester. You didn't really enforce it at all.

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00:10:27.600 --> 00:10:45.450

Makenna Cerney: Right. Um, so I think that would be like a kind of considered a restriction having that biking or sorry, I'm parking in certain areas and not in other areas. So like, again, that's something you have to look at because it's I know that it wasn't very popular when it first came out, so

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00:10:46.530 --> 00:10:49.890

Makenna Cerney: Even though it does encourage people. We also want to make sure people are like happy.

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00:10:51.150 --> 00:10:52.950

Sam White: You also do things like if you

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00:10:53.190 --> 00:11:00.240

Sam White: Like a staff member see somebody biking. They give them like a like a coupon for free coffee like seven street or something cool like that.

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00:11:00.540 --> 00:11:05.490

Makenna Cerney: Right, so that's actually perfect. So the next thing I want to ask you about was proposed solutions.

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00:11:07.020 --> 00:11:15.270

Makenna Cerney: And one of them was to initiate some sort of reward program so that could be. That's a great example of something that can be implemented.

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00:11:15.780 --> 00:11:29.790

Makenna Cerney: Another thing that I was thinking about was the possibility of a bike to class day where we just make one day where everyone bikes to class and then if you do it, you can, you know, like join a raffle or something like that.

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00:11:30.180 --> 00:11:34.500

Makenna Cerney: Um, yeah. So I wanted to just hear what you thought of that. So you think that's

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00:11:35.430 --> 00:11:48.780

Sam White: I think that's a great idea. Um, I think it'd be even cooler if we like made it easier for students to rent bikes, so that we like on by to class day like even more kids goodbye to class if they could like rent bikes easily and then a raft would be sick.

95

00:11:49.500 --> 00:11:49.950

Um,

96

00:11:51.600 --> 00:11:55.140

Makenna Cerney: Yeah, I think, I think definitely we need like some sort of positive incentive

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00:11:56.490 --> 00:12:06.690

Makenna Cerney: And then my last question is just, what do you consider the biggest obstacle to riding a bike on campus, and how could you fix it.

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00:12:11.160 --> 00:12:14.340

Makenna Cerney: You can first, just think of what the biggest obstacle is and then answer.

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00:12:19.830 --> 00:12:23.370

Sam White: I think maybe like, for me, the biggest obstacle is

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00:12:24.510 --> 00:12:28.920

Sam White: Like how other people like kind of like how I think other people look at me when I'm riding my bike.

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00:12:29.220 --> 00:12:34.020

Sam White: Usually because it's not a very popular way to get to class people sort of look at you differently so right.

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00:12:34.350 --> 00:12:43.830

Sam White: And that's even like made worse by the fact, like in order to get to class all the time, you have to like write on bike paths that are used by like walking students. So like you don't like want to

103

00:12:44.460 --> 00:12:50.820

Sam White: Be a jerk and like make them move off the path or like surprise them as like you come up behind them on the bike. If I hear you.

104

00:12:51.930 --> 00:12:53.850

Sam White: That's probably the biggest obstacle for me.

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00:12:55.020 --> 00:12:55.770

Sam White: So is it

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00:12:56.100 --> 00:13:05.010

Makenna Cerney: Is it like a social norm type of thing where you're afraid of what other people think of you, or is it just that just maneuvering around people, just to clarify,

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00:13:07.140 --> 00:13:10.680

Sam White: Or should I suppose it's more like a maneuverability thing to you as

108

00:13:10.890 --> 00:13:15.540

Sam White: A social thing because I think the social thing stems from the new maneuverability issue.

109

00:13:16.290 --> 00:13:18.120

Sam White: I think if there was like

110

00:13:19.020 --> 00:13:19.920

Maybe like

111

00:13:21.300 --> 00:13:33.750

Sam White: If you made like a bike lane pathway kind of deal that would be really cool and helpful because I feel like if I'm trying to get to the academic quality, I would kind of have to ride on those walking paths.

112

00:13:34.860 --> 00:13:41.640

Makenna Cerney: Okay, so you would say the most important thing is just have easy access to a, like a bike path in order to get to class.

113

00:13:41.790 --> 00:13:49.560

Makenna Cerney: Yes. Okay, perfect. Those are all my questions that I have. Is there anything else that you wanted to say that I didn't ask

RESPONDENT 2 CHRIS URUN

1

00:02:46.830 --> 00:02:47.400

Makenna Cerney: Hi.

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00:02:47.700 --> 00:02:48.000

Chris Urun: Hello.

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00:02:48.810 --> 00:02:50.400

Makenna Cerney: Thank you so much for doing this.

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00:02:50.550 --> 00:02:51.210

Chris Urun: Yeah, no problem.

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00:02:51.990 --> 00:02:58.560

Makenna Cerney: So this will only take like 10 to 15 minutes. Um, and basically I just have to inform you that this is recording, but

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00:02:59.610 --> 00:03:03.390

Makenna Cerney: It's all anonymous. So if I quote you in my research.

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00:03:04.530 --> 00:03:06.000

Makenna Cerney: It will just be anonymous

8

00:03:06.360 --> 00:03:07.020

Chris Urun: Alright, sounds good.

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00:03:07.680 --> 00:03:15.030

Makenna Cerney: Um, so I'm just going to ask you a few questions and just answer honestly, obviously, there's no right answer.

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00:03:17.130 --> 00:03:21.570

Makenna Cerney: So just to start. What year are you now.

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00:03:22.020 --> 00:03:22.710

Chris Urun: I'm a senior

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00:03:23.130 --> 00:03:24.870

Makenna Cerney: Senior and

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00:03:26.850 --> 00:03:32.580

Makenna Cerney: So could you see yourself biking at Bucknell in the future and what would encourage you

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00:03:34.380 --> 00:03:34.800

Chris Urun: Um,

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00:03:36.000 --> 00:03:40.260

Chris Urun: I probably wouldn't be like a book. Now I think like the campus to just like a little bit too small.

16

00:03:41.490 --> 00:03:45.600

Chris Urun: I usually escape word if I'm trying to go like anywhere. This not that close.

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00:03:47.550 --> 00:03:57.030

Chris Urun: I think just like the actual like hills. Not like maybe not like hills, but like, you know, from like Smith up to like our TK, and then like from

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00:03:59.160 --> 00:04:03.090

Chris Urun: Like the gym up to like South Campus has just like

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00:04:04.890 --> 00:04:10.260

Chris Urun: Just kind of like an upward slope that I just hate kind of biking on that kind of like terrain.

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00:04:11.940 --> 00:04:18.660

Makenna Cerney: Yeah. A lot of people have responded and said that one of the main factors that they don't bike is because of the terrain.

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00:04:19.860 --> 00:04:26.130

Makenna Cerney: So if there was an E bike like an electric bike option would this be something you'd be interested in

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00:04:27.240 --> 00:04:28.740

Chris Urun: Probably like more interested

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00:04:29.040 --> 00:04:29.460

Makenna Cerney: Mm hmm.

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00:04:29.790 --> 00:04:37.860

Chris Urun: I also think like some of the maybe sometimes like the drivers and like there's no like paths that like for bikers as well. I'm

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00:04:38.400 --> 00:04:45.600

Chris Urun: Like, I don't want to like bike on like the road but also like the sidewalk. There's always like people walking. So it's kind of like a weird like middle ground where I don't know.

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00:04:46.950 --> 00:04:47.340

Makenna Cerney: Right.

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00:04:47.610 --> 00:04:48.900

Chris Urun: Where I'd want a bike. Yeah.

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00:04:49.500 --> 00:04:55.350

Makenna Cerney: Um, so, do you think that there should be restrictions on cars to encourage biking.

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00:04:57.930 --> 00:05:03.330

Chris Urun: Uh, maybe, maybe not restrictions, but like maybe like the speed limit clicking force more

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00:05:04.770 --> 00:05:12.840

Makenna Cerney: Yeah, no, that's really interesting. I asked a lot of people, and I don't know how I feel about that either because I like to drive sometimes so

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00:05:13.950 --> 00:05:20.550

Makenna Cerney: And then what ways can the general infrastructure. I'm at, but they'll be improved to better biking safety.

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00:05:21.660 --> 00:05:27.240

Chris Urun: I think like bike lanes and like maybe like bike roads that like are specifically for biking.

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00:05:29.700 --> 00:05:39.270

Chris Urun: And I guess maybe like there has to be like a little bit of like a culture shift, I guess, because a lot of people just don't bike and it's just like, not like the thing I would say

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00:05:40.710 --> 00:05:42.600

Chris Urun: For like those two things, mostly

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00:05:43.680 --> 00:05:59.430

Makenna Cerney: Okay, and then out of this list, which one is the least important to encourage biking bike lanes bike parking topography like holiness of honest distance weather road safety and biking facilities and I can repeat it if you need

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00:06:01.020 --> 00:06:02.040

Chris Urun: So least important

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00:06:02.190 --> 00:06:03.060

Makenna Cerney: Least important

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00:06:05.280 --> 00:06:06.480

Chris Urun: I'd say probably distance

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00:06:07.890 --> 00:06:12.540

Makenna Cerney: So you think that people don't like don't really care how far something is

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00:06:13.290 --> 00:06:27.150

Makenna Cerney: Yeah, that's like that wasn't broken. Um, and then we're on campus if there were to be bike parking available where on campus. Do you think it should be. Or you can list multiple places.

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00:06:28.290 --> 00:06:34.620

Chris Urun: I would just say like probably outside like I think outside of most academic buildings. There's bike parking um

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00:06:37.200 --> 00:06:39.600

Chris Urun: But, um, maybe like outside of like

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00:06:40.710 --> 00:06:46.740

Chris Urun: Man, I actually can't like, think of any place that doesn't have bike parking. And to be honest, I see a lot of bikes parked outside of like

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00:06:47.940 --> 00:06:48.990

Chris Urun: Housing and

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00:06:50.550 --> 00:06:55.410

Chris Urun: Like academic buildings, maybe like cafeteria areas. I don't know if they have like I've never seen that.

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00:06:55.680 --> 00:07:09.720

Makenna Cerney: Um, because this is just for either to implement more bike parking options or if there were electric bikes on campus where they would be so that's basically because I know there are options now to bike.

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00:07:11.460 --> 00:07:25.290

Makenna Cerney: So those questions are basically just on like the built environment and your basic like attitudes towards biking. So, these questions are just going to be more on the societal environment or how like the basically the norms.

48

00:07:25.380 --> 00:07:29.730

Makenna Cerney: On camp. Yeah. So do you think that it is cool to ride a bike.

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00:07:33.630 --> 00:07:37.170

Chris Urun: Maybe not a buck. Now, in general, it's pretty cool to ride a bike, but

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00:07:37.920 --> 00:07:53.520

Makenna Cerney: Yeah, that I should I should actually clarify. Yeah, but I think that question so funny because I don't think it is either. I think like, I feel weird when I ride one so I like asked people, um, and do you wish more people biked on campus.

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00:07:54.990 --> 00:07:57.720

Chris Urun: Yeah, I think like just generally I feel like more people should

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00:07:59.070 --> 00:08:04.290

Chris Urun: Like not drives any form of like sustainable transportation would be better.

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00:08:05.370 --> 00:08:11.220

Makenna Cerney: Um, do you think students and staff could be convinced to bike more instead of driving or instead of walking

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00:08:11.940 --> 00:08:13.380

Chris Urun: Yeah, probably. I would say

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00:08:14.850 --> 00:08:23.940

Makenna Cerney: Um, and then just once again like on norms. If the most popular form of transportation was biking on campus. Do you think this would influence you.

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00:08:27.270 --> 00:08:33.630

Chris Urun: Oh, probably not. I probably stick to skateboarding. But I think like overall just be a bit like a good shift.

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00:08:34.230 --> 00:08:41.670

Makenna Cerney: And then the last section of questions is just on proposed solutions. So, for example, one that I have would be

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00:08:43.170 --> 00:08:58.500

Makenna Cerney: A bike to class day to encourage people on campus to start biking, kind of like shift the culture and make it people more used to it. So would this be something you'd participate in. If there was one day where there was a bike to class day and maybe they offered bikes for students.

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00:08:59.010 --> 00:09:00.810

Chris Urun: Yeah, I would probably participate

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00:09:02.130 --> 00:09:11.190

Makenna Cerney: Um, and then what is one factor that you think could get more people on campus to bike.

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00:09:13.950 --> 00:09:15.090

Chris Urun: Could you give me like an example.

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00:09:15.810 --> 00:09:22.440

Makenna Cerney: Um, yeah. So this, this can be something that you've already said, just as kind of a repetition question but

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00:09:23.460 --> 00:09:36.360

Makenna Cerney: So one factor could be. Oh, I wish there was more bike lanes, or it could be. Oh, I wish more people bikes, because then I feel more comfortable or I don't know. It could be any of those things. What would get you to bike or get other people to like

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00:09:38.220 --> 00:09:45.360

Chris Urun: I would probably say like by Grant like bike lanes, or like bike like specific like bike roads would probably get me to bike more

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00:09:46.650 --> 00:09:55.230

Makenna Cerney: Yeah. And then, do you have any ideas on incentives, I could get people to bike or ways

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00:09:56.490 --> 00:10:06.930

Makenna Cerney: That would rather than a negative, I guess enforcement, such as taking away driving. Is there any positive reinforcement enforcement's that you think could get people a bike.

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00:10:08.010 --> 00:10:09.060

Chris Urun: Yeah, there's like I'm

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00:10:11.610 --> 00:10:22.770

Chris Urun: Like the club committee or like the Activities Committee does like raffle stuff and like maybe have like more entries into like Raffles for, like, but like renting out bikes from

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00:10:24.900 --> 00:10:26.730

Chris Urun: The outdoors house.

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00:10:29.430 --> 00:10:34.020

Chris Urun: Basically prior like I know there's like a one of those things. They like do like I'm

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00:10:36.630 --> 00:10:43.650

Chris Urun: Like wine tastings are like they bring in like restaurants and like cater stuff and they have like events and there's like limited slots and having like priority.

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00:10:45.060 --> 00:10:48.450

Chris Urun: Like slotting for like those types of events on campus.

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00:10:48.540 --> 00:10:50.340

Chris Urun: Right be seen as like a priority.

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00:10:50.400 --> 00:10:51.690

Makenna Cerney: But yeah, that's a really good idea.

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00:10:52.830 --> 00:11:07.650

Makenna Cerney: Yeah, that's a good idea. Um, and then just the last thing I just wanted to see what you thought about this. So if there was like an electric bike option on campus, such as like the city bikes that you see in like, you know, unlike New York

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00:11:09.930 --> 00:11:18.120

Makenna Cerney: And let's say you could use your Bucknell ID or something to access it. Do you think this would be something that people would like or something you would like on campus.

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00:11:18.690 --> 00:11:27.450

Chris Urun: Yeah, that'd be really that actually be really cool if you could use your ID for it specifically because the one thing is like one of those things like the lime scooters.

78

00:11:27.810 --> 00:11:28.200

Makenna Cerney: Mm hmm.

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00:11:28.440 --> 00:11:36.570

Chris Urun: I see those all around the place like here in LA. And I just never want to download the app. I'm like, I wish there was just like some sort of like

80
00:11:36.600 --> 00:11:36.990
Makenna Cerney: Oh, yeah.

81
00:11:37.380 --> 00:11:37.620
Oh, yeah.

82
00:11:38.640 --> 00:11:39.000
Chris Urun: Yeah.

83
00:11:39.270 --> 00:11:42.450
Makenna Cerney: That's so cool. I really, I want to visit once ground is over.

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00:11:44.550 --> 00:11:50.730
Makenna Cerney: Um, alright, so that was basically all my questions. But do you have anything else that I didn't ask that you would want to add

85
00:11:52.080 --> 00:11:52.470
Chris Urun: A

86
00:11:53.490 --> 00:12:07.590
Chris Urun: Don't think so. I think like maybe like a, what's the there's like an outdoors house that like rents out like a quick biking equipment and like other sorts of things you just like rent out for the whole semester, maybe like more like advertising for like that.

87
00:12:09.390 --> 00:12:09.690
Chris Urun: Because

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00:12:09.750 --> 00:12:11.550
Chris Urun: A lot of people don't know about stuff like that.

89
00:12:11.580 --> 00:12:25.110
Makenna Cerney: So yeah, no, you're right, because I've been doing this research for like months now and I had no idea what that was beforehand. I know now, but I think you're right. Like it's crazy were seniors and like I'd never, I don't know, thought to do that. And yeah.

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00:12:26.130 --> 00:12:34.320
Makenna Cerney: So that's basically it. And I was perfect is about 10 minutes. Thank you so much for doing this. I really appreciate it. It's going to help a lot in my research.

91
00:12:34.500 --> 00:12:35.220
Chris Urun: Yeah, no problem.

92
00:12:35.880 --> 00:12:37.260
Chris Urun: Alright. Have a good day.

93
00:12:37.650 --> 00:12:38.100
Makenna Cerney: Thank you.

RESPONDENT 3 LILLY PARKER

1
00:00:54.300 --> 00:00:55.980
Makenna Cerney: Thank you so much for doing this.

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00:00:57.000 --> 00:00:59.610

Lily Parker: Oh my gosh, no problem. I'm passionate about bikes.

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00:01:00.030 --> 00:01:00.540

Makenna Cerney: And but no

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00:01:01.080 --> 00:01:08.190

Makenna Cerney: It should only take like 10 to 15 minutes so I'll just ask you a few questions, but I have to inform you that this is recording and

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00:01:09.360 --> 00:01:17.910

Makenna Cerney: Anything that you say I can use in my thesis, but it's all anonymous, so I won't be using any names. Cool.

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00:01:19.140 --> 00:01:22.350

Makenna Cerney: So let me just pull up

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00:01:24.240 --> 00:01:28.020

Makenna Cerney: Okay, so you are a senior correct

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00:01:28.320 --> 00:01:35.070

Makenna Cerney: Yep. Okay. Um, so how would you define a bicycle campus.

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00:01:39.960 --> 00:01:58.230

Lily Parker: I remember this question from the survey. I think what makes bug know hard is the hills, but definitely like more paths, maybe like a bike lane. So you feel safe doing it because I'll ride my bike from downtown just on Seventh Street and that's kind of sketchy.

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00:01:58.830 --> 00:02:04.050

Makenna Cerney: Yeah. A lot of people break up the hills and that's like one of the biggest factors that I've been hearing

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00:02:04.380 --> 00:02:11.700

Makenna Cerney: Yeah. Um, so could you see yourself biking at Bucknell in the future and what would encourage you

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00:02:12.900 --> 00:02:28.740

Lily Parker: Definitely next semester. I've did the bison bike rental last semester and definitely want to get in there again. I know they kind of like run out of bikes. So you have to be on top of it to get one, but definitely

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00:02:29.370 --> 00:02:30.330

Lily Parker: Nice semester.

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00:02:30.960 --> 00:02:41.070

Makenna Cerney: I'm so it. Do you think like what got you to start biting us because you found out about the rentals, or like what caused you to like check that out.

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00:02:42.720 --> 00:02:43.560

Lily Parker: Um,

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00:02:44.610 --> 00:02:57.840

Lily Parker: Actually, my, my parents both wanted to bug. Now, and my dad used to bite to class. So I think that's what put it in my head. The first time, but he used to bike up the hill, which is impressive.

17

00:02:58.230 --> 00:03:07.140

Lily Parker: Yeah, I am not down to do that but living downtown. I knew it would be helpful at least sort of

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00:03:07.410 --> 00:03:07.740

Mm hmm.

19

00:03:08.880 --> 00:03:10.680

Lily Parker: Especially because parking so annoying.

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00:03:10.860 --> 00:03:18.360

Lily Parker: Yeah, so just being able to bike to, like, I mean, even to like random other downtown houses.

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00:03:18.900 --> 00:03:19.320

Makenna Cerney: Yeah, I

22

00:03:19.410 --> 00:03:20.730

Lily Parker: Began my coven test.

23

00:03:21.900 --> 00:03:27.450

Makenna Cerney: So right now, are you just by here on campus or you'd like to, like, the Rail Trail or groceries.

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00:03:27.480 --> 00:03:31.380

Lily Parker: I did, actually I biked the Rail Trail once, which is long.

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00:03:31.500 --> 00:03:31.950

Yeah.

26

00:03:33.180 --> 00:03:35.520

Lily Parker: I haven't bite to get groceries yet.

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00:03:37.110 --> 00:03:37.890

Makenna Cerney: That's kind of hard.

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00:03:38.910 --> 00:03:39.300

Lily Parker: Hard

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00:03:39.750 --> 00:03:41.550

Makenna Cerney: I don't want to carry my gallon of milk back

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00:03:41.700 --> 00:03:50.580

Lily Parker: Yeah, but I did do the realtor on that was super fun. It took like two hours, and it was definitely a long bike ride, but it was super fun Sunday activity.

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00:03:51.990 --> 00:03:57.720

Makenna Cerney: Um, so you kind of just mentioned this, but do you think there should be restrictions on cars to encourage by game.

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00:04:00.390 --> 00:04:02.460

Lily Parker: As in, like, reduce parking

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00:04:03.120 --> 00:04:16.380

Makenna Cerney: Yeah. So what comes to mind is like how they when we have parking stickers you can't park in certain areas. Is that something that you don't like, or do you think should be in place.

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00:04:16.800 --> 00:04:24.030

Lily Parker: I definitely think bug now has a parking problem. So I'm definitely not on board with making it even worse.

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00:04:24.600 --> 00:04:30.480

Lily Parker: Yeah, but in terms of like restrictions, maybe on like

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00:04:32.160 --> 00:04:39.720

Lily Parker: I don't know, like increasing awareness of safety for people on bikes and people in cars around bikes.

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00:04:41.940 --> 00:04:49.440

Makenna Cerney: I think the parking is so annoying. So I think it should be like more positive reinforcement for

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00:04:50.100 --> 00:05:03.360

Makenna Cerney: Rather than like I was just what I think. But I like to ask people out. Some people don't care. And that's, like, good to know. Um, and then. So that was just basically like added the behavior and attitudes towards biking, but

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00:05:04.530 --> 00:05:17.490

Makenna Cerney: On the actual infrastructure. What are some ways that the general infrastructure can be improved. So this could be like bike lanes could be parking, what's something specific that you think

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00:05:18.630 --> 00:05:20.250

Makenna Cerney: Will make campus more safe.

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00:05:22.290 --> 00:05:29.820

Lily Parker: I'm definitely bike lanes. We already have a bunch of bike like parking

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00:05:29.910 --> 00:05:37.260

Lily Parker: And things. So we definitely don't really need more of that because I've never like had a problem with that. Yeah. Um,

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00:05:40.530 --> 00:05:45.330

Lily Parker: I don't know. I mean, we could have pads on campus that are just for bikes.

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00:05:46.320 --> 00:05:46.650

Makenna Cerney: Mm hmm.

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00:05:47.250 --> 00:05:50.130

Lily Parker: But that would be really hard and expensive.

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00:05:50.820 --> 00:05:52.200

Makenna Cerney: Yeah, I know. That's the thing. It's

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00:05:52.200 --> 00:05:58.530

Makenna Cerney: A No. That's kind of what my papers on because it's technically in the economics department so

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00:05:58.980 --> 00:06:08.040

Makenna Cerney: I'm looking at like the financials for it as well as you know like the general like attitude towards it and like the sustainability aspect. So that's kind of

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00:06:08.490 --> 00:06:09.180

Lily Parker: Very cool.

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00:06:09.810 --> 00:06:22.890

Makenna Cerney: Um, okay. So then I'm going to read a list of things and respond. Which one is the least important so bike lanes bike parking typography. So like heinous

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00:06:23.010 --> 00:06:32.910

Makenna Cerney: There's this lightness distance weather road safety and biking facilities. Which one do you think is the least important out of all of those

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00:06:34.050 --> 00:06:35.190

Makenna Cerney: I can read them again. If you need

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00:06:35.370 --> 00:06:41.460

Lily Parker: Personally, I would say, I forgot the terminology, but used to like where the pike where you can park your bike.

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00:06:42.030 --> 00:06:42.840

Makenna Cerney: bike parking

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00:06:43.110 --> 00:06:43.950

Lily Parker: A bike arguing

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00:06:44.220 --> 00:06:46.470

Lily Parker: Over just because I

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00:06:48.090 --> 00:06:58.620

Lily Parker: Can't I you like in several different occasions, I've just, I don't know if it's bad, but I've just locked my wheel to my to like the main

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00:06:59.700 --> 00:07:00.210

Lily Parker: Whatever.

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00:07:00.300 --> 00:07:02.850

Lily Parker: Part. Yeah, so you can't roll the bike anymore.

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00:07:02.850 --> 00:07:06.000

Makenna Cerney: Yeah I did that when I was abroad because I bugged her

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00:07:06.090 --> 00:07:09.210

Lily Parker: So I went to come. Usually I'm like okay, that works.

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00:07:11.220 --> 00:07:12.000

Makenna Cerney: Um,

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00:07:12.660 --> 00:07:13.560

Makenna Cerney: And then

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00:07:13.830 --> 00:07:24.240

Makenna Cerney: On the last question on built environment is if he bikes were brought to campus, would you use them. And where do you think they should be located.

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00:07:26.280 --> 00:07:30.420

Lily Parker: Yes, I wouldn't use them. These are the bikes that are like half electric half

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00:07:30.480 --> 00:07:34.410

Makenna Cerney: Yeah, yeah. So kind of like the live scooter idea, but in bike form.

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00:07:34.860 --> 00:07:35.190

Okay.

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00:07:36.270 --> 00:07:41.910

Lily Parker: Um, Yes, I definitely would. And they should definitely be located at the base of the hill.

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00:07:42.540 --> 00:07:49.500

Lily Parker: Yeah, like where the rent, where the cars are what are those things come the rental cars.

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00:07:49.590 --> 00:07:52.290

Makenna Cerney: Oh, the he's the Zipcar.

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00:07:52.470 --> 00:07:53.460

Lily Parker: Yes, if God

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00:07:54.480 --> 00:07:55.140

Makenna Cerney: Oh, yeah.

73

00:07:55.200 --> 00:08:01.200

Makenna Cerney: No, I agree. I think it should be like down there and then maybe like by the mods or something just to like spread it.

74

00:08:01.200 --> 00:08:02.460

Lily Parker: Oh yeah. True.

75

00:08:02.730 --> 00:08:07.350

Makenna Cerney: You know, see how like multiple places in the maybe like at the top of the hill to so you can park it there.

76

00:08:08.190 --> 00:08:11.550

Makenna Cerney: Yeah. Um, but yeah, once that'd be cool to have like

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00:08:11.640 --> 00:08:12.090

Lily Parker: Very cool.

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00:08:12.570 --> 00:08:14.400

Makenna Cerney: If you can use it with your Bucknell ID.

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00:08:15.120 --> 00:08:19.020

Lily Parker: I feel like you should be they've matched already exists for the poor mod people

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00:08:19.260 --> 00:08:24.540

Makenna Cerney: Yeah, so that's like kind of part that's like, what am I propose solutions and

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00:08:26.820 --> 00:08:27.330

Lily Parker: Too, though.

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00:08:27.840 --> 00:08:33.120

Makenna Cerney: The last section is just on like norms and the societal environment.

83

00:08:34.260 --> 00:08:37.290

Makenna Cerney: So do you think that it is cool at Bucknell to write about.

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00:08:39.090 --> 00:08:40.350

Lily Parker: Um,

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00:08:41.970 --> 00:08:43.140

Lily Parker: I don't think

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00:08:45.360 --> 00:08:47.370

Lily Parker: I mean, yeah, yes. I think it's cool.

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00:08:47.880 --> 00:08:54.630

Lily Parker: I don't think it. I don't think it's the most popular thing. Like, I don't really know a bunch of people that do it super frequently

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00:08:54.930 --> 00:08:56.190

Makenna Cerney: Yeah, so like

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00:08:57.630 --> 00:09:02.130

Makenna Cerney: Basically, the question is just, like, if you were to see someone else do you like, oh, that's cool. Or like

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00:09:02.370 --> 00:09:03.210

Lily Parker: So I read

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00:09:03.240 --> 00:09:04.290

Makenna Cerney: You personally would

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00:09:04.470 --> 00:09:09.720

Makenna Cerney: Yeah, I agree. I think it like generally on campus. It's like no, no one really does it

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00:09:10.080 --> 00:09:10.440

Yeah.

94

00:09:11.520 --> 00:09:14.010

Lily Parker: We do I know the do it are also engineers with me.

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00:09:14.490 --> 00:09:21.930

Makenna Cerney: Yeah, true. And then do you think students and staff could be convinced to bike instead of drive or walk to class.

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00:09:23.460 --> 00:09:28.290

Lily Parker: Yes, I'm honestly kind of surprised that not as many downtown. People do

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00:09:29.100 --> 00:09:30.630

Makenna Cerney: Yeah, I'm surprised to like

98

00:09:30.840 --> 00:09:32.850

Lily Parker: Parking is so hard.

99

00:09:33.210 --> 00:09:40.200

Makenna Cerney: I know. And plus, like we have a small campus. It's not like we have to like bike, it really

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00:09:42.090 --> 00:09:58.080

Lily Parker: But I do have like I so I got the bison bike. This year convinced Ross to get one, two, and then it was like everyone's like, oh my god, how did you do that, like, I don't think a lot of people know about the bike rental specifically

101

00:09:58.530 --> 00:10:15.750

Makenna Cerney: I literally just was interviewing someone else and they said the same thing. They were like, there's like no one knows about it and it's so it's so fun because he was like he was a part of the book now like recreational program. And so we that's just like he literally said the same thing.

102

00:10:16.800 --> 00:10:17.370

Makenna Cerney: Um,

103

00:10:17.760 --> 00:10:19.890

Lily Parker: Yeah, cuz or like, wow, how'd you get that

104

00:10:20.550 --> 00:10:21.690

Lily Parker: Did you have to pay for it.

105

00:10:21.750 --> 00:10:26.310

Lily Parker: I'm like yeah really fill out a Google form and meet them by the stadium and then

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00:10:26.310 --> 00:10:27.480

Makenna Cerney: Yeah, it's so easy.

107

00:10:28.350 --> 00:10:39.630

Makenna Cerney: Okay. So last question on the cycle environment. So if the most popular mode of transportation at Bucknell is biking. So like if everyone else bike to class and that was like what most people did. Would you also like

108

00:10:40.200 --> 00:10:40.740

Yes.

109

00:10:41.850 --> 00:10:56.490

Makenna Cerney: And then, just lastly, so I'm kind of with some proposed solutions to for some like issues on campus. So a lot of people, a big factor. Is this like the norms on campus so

110

00:10:57.120 --> 00:11:10.860

Makenna Cerney: Like one of my proposed solution is to have a bike to class day to like once a year. And have you know bikes available and to encourage people. Um, so would that interest you or would you participate

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00:11:10.860 --> 00:11:11.130

Yeah.

112

00:11:13.110 --> 00:11:13.950

And so

113

00:11:15.180 --> 00:11:34.050

Makenna Cerney: Um, so you discuss like how holiness. Like, that's an issue and then bike how we have like a lack of bike lanes. Do you have any solutions for fixing that or anything that you think could help aid in making it safer or get more people to bike.

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00:11:35.370 --> 00:11:35.520

Makenna Cerney: And

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00:11:35.580 --> 00:11:36.900

Lily Parker: Emily bike lanes.

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00:11:37.500 --> 00:11:37.830

Mm hmm.

117

00:11:39.000 --> 00:11:41.130

Lily Parker: I don't know if they're really hard to implement

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00:11:42.180 --> 00:11:48.060

Lily Parker: Like if you have to enlarge the road or anything, but that would definitely be useful.

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00:11:48.750 --> 00:11:51.210

Lily Parker: And maybe like

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00:11:53.040 --> 00:11:59.010

Lily Parker: I mean, also hard to do, but you can definitely make a path that makes that hill, not so hard.

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00:12:00.240 --> 00:12:00.630

Makenna Cerney: Yeah.

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00:12:00.780 --> 00:12:07.770

Lily Parker: The reason why it's so hard is just because it's straight up it like you could easily do kind of like wavy path.

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00:12:08.790 --> 00:12:11.460

Lily Parker: And it wouldn't be nearly as difficult

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00:12:12.030 --> 00:12:13.080

Lily Parker: Younger not as

125

00:12:13.560 --> 00:12:14.850

Makenna Cerney: A really interesting. Yeah.

126

00:12:16.500 --> 00:12:20.880

Lily Parker: But that would, that would be a little hard from Bucknell to

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00:12:20.940 --> 00:12:24.210

Makenna Cerney: Make. Yeah. Plus, it would go through like the grove there.

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00:12:24.300 --> 00:12:26.160

Lily Parker: Yeah, and they love the group so

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00:12:26.160 --> 00:12:26.640

Yeah.

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00:12:27.750 --> 00:12:28.290

Makenna Cerney: Um,

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00:12:28.590 --> 00:12:30.360

Makenna Cerney: And then just the last question.

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00:12:31.830 --> 00:12:40.620

Makenna Cerney: I'm just going to add this question to people brought it up now, but apparently in like the outdoor I think rec program, they sometimes do like Raffles

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00:12:42.030 --> 00:12:47.310

Makenna Cerney: So, do you think if there was a raffle to encourage people. So let's say

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00:12:48.330 --> 00:12:53.400

Makenna Cerney: If you buy if you could, when you get a bike. Your name, but gets put in this raffle. And you could win something.

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00:12:54.570 --> 00:12:57.960

Makenna Cerney: Do you think that this would be a beneficial way to encourage people

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00:12:58.830 --> 00:13:05.520

Lily Parker: Yeah, I think it would, that would definitely be useful. But I think, first thing needed is just more awareness.

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00:13:06.030 --> 00:13:07.350

Makenna Cerney: Yeah, I agree.

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00:13:07.530 --> 00:13:17.730

Lily Parker: And that would be so you do the more awareness, then more people know about it and then you can grab like the more people that know about it but haven't done it maybe by using the raffle.

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00:13:18.390 --> 00:13:18.810

Yeah.

140

00:13:20.040 --> 00:13:25.740

Makenna Cerney: Um, okay. So that was all my questions you have anything that I didn't ask or that you thought of that. You just want to add

RESPONDENT 4 DAVID LUNDY

1

00:01:33.570 --> 00:01:34.200

Makenna Cerney: Hi.

2

00:01:40.110 --> 00:01:41.790

Makenna Cerney: Okay, cool. I'm

3

00:01:41.880 --> 00:01:42.270

So glad

4

00:01:43.290 --> 00:01:48.270

Makenna Cerney: Thank you so much for doing this will be really quick. But it's really helpful for me so

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00:01:48.570 --> 00:01:49.410

David Lundy: Yeah, no problem.

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00:01:49.920 --> 00:01:59.970

Makenna Cerney: Um, so I just have to inform you that this is being recorded and it's transcribing at the same time. So everything's anonymous but I

7

00:02:01.020 --> 00:02:07.050

Makenna Cerney: Could quote you in my thesis, which I think is pretty cool. But I just need to let you know that and make sure that that's okay with you.

8

00:02:07.650 --> 00:02:24.150

Makenna Cerney: Sure. Okay. So I saw that you took this survey. And so I just am going to ask you a few questions and just answer honestly there's obviously no right answer. It's just preference and I'm not looking for any certain answers.

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00:02:25.170 --> 00:02:28.200

Makenna Cerney: So just to confirm. Are you a senior

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00:02:28.470 --> 00:02:34.470

Makenna Cerney: Yes. Okay. Um, so just to start um

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00:02:35.820 --> 00:02:41.040

Makenna Cerney: So could you see yourself biking at Bucknell in the future and what would encourage you

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00:02:41.640 --> 00:02:46.230

David Lundy: Yeah, sure. So right now I have a card. And I think that's like most people on campus.

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00:02:47.100 --> 00:02:59.250

David Lundy: But that's just because of proximity to like certain things like Walmart. It's just easier to get there in a car. I would definitely ride a bike. If there was more trails to use, I guess, and get to those locations.

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00:02:59.880 --> 00:03:08.160

Makenna Cerney: Right. So, as in trails. You mean like bike paths or something more like the Rail Trail and that

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00:03:09.000 --> 00:03:13.320

David Lundy: It would be like a combination of bike paths on campus, but then also the Rail Trail.

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00:03:13.740 --> 00:03:22.020

Makenna Cerney: Okay, yeah. Um, and so, so do you bike now at all. Is there.

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00:03:22.440 --> 00:03:25.140

David Lundy: Like recreationally when I'm home but not on campus.

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00:03:25.320 --> 00:03:26.490

David Lundy: Okay, yeah.

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00:03:26.580 --> 00:03:31.890

Makenna Cerney: Um, so you would say that you like. Enjoy it. But you're not doing every day.

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00:03:32.070 --> 00:03:32.970

David Lundy: Exactly, yeah.

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00:03:33.990 --> 00:03:47.340

Makenna Cerney: Okay. Um, and so you kind of mentioned this, but so you said you mostly drive or walk around campus. Yeah. So why do you think you do that over biking.

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00:03:48.690 --> 00:03:57.480

David Lundy: I think because everything already is pretty close on campus that I'm going to, I mean, I'm an engineering student. So I just have to go to the engineering building

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00:03:57.840 --> 00:04:11.130

David Lundy: Right, and I live up hill. It's like a five minute walk, maybe like 10 minutes I guess it depends, but if I lived in the mods or something and they wanted to get there. I'd probably bike, because it seems silly to drive such a short distance

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00:04:11.580 --> 00:04:12.000

Makenna Cerney: Right.

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00:04:12.120 --> 00:04:15.210

David Lundy: It kind of depends on your proximity to your classes and like where you're living

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00:04:15.480 --> 00:04:33.270

Makenna Cerney: Yeah, exactly. Um, do you think that there should be any restrictions on cars to encourage biking. So I guess they're kind of they kind of did the high of a sticker and you can only market like North Campus. So is that something you agree with, or what do you think about that.

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00:04:33.960 --> 00:04:44.580

David Lundy: I think it's good. I remember our freshman year like you couldn't you weren't supposed to have a car on campus. I know some people bypass that because they would just like park in downtown Lewisburg

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00:04:45.060 --> 00:04:49.980

David Lundy: Which I think makes it more difficult for people who live in the area, trying to find parking and things like that.

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00:04:50.310 --> 00:04:51.060

David Lundy: And I think

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00:04:51.120 --> 00:05:01.890

David Lundy: Buck knows campuses already losing space because of all the parking, we need. So I think they should limit parking, but they have to promote biking instead because people still need to get around.

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00:05:02.640 --> 00:05:03.030

Right.

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00:05:04.110 --> 00:05:12.840

Makenna Cerney: Um, okay. So then this part just on the actual physical built environment. So you said you're an engineer. So this would be maybe more interesting to you.

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00:05:13.860 --> 00:05:22.920

Makenna Cerney: So what ways could the general infrastructure on campus be improved to better the biking safety, I can give you examples. If you need

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00:05:23.820 --> 00:05:28.650

David Lundy: Um, so, like right now. I know that I'm trying to think, you know, where

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00:05:29.700 --> 00:05:34.950

David Lundy: The power plan is and how there's like that turn into where most people live in the apartments that street.

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00:05:35.280 --> 00:05:41.490

David Lundy: I think that's really unsafe because a lot of car is coming by. Can't see people if they were biking on that road.

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00:05:41.670 --> 00:05:57.330

David Lundy: And I know that road which leads to South seven straight past tracks. They have no sidewalks or accommodations for really bikers and pedestrians. So I think having designated biking space and designated walking and driving would be good.

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00:05:58.170 --> 00:06:03.180

Makenna Cerney: That's really interesting. I haven't thought about that area. Yeah, because I'm I live downtown. So I'm like,

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00:06:03.540 --> 00:06:14.490

Makenna Cerney: Okay, only exposed to like that little seven street area and I just haven't. I feel like I haven't been up hill and so long. So I just my classes so

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00:06:15.030 --> 00:06:26.400

Makenna Cerney: I honestly forgot about that. Okay, so I'm gonna name or I'm going to list a few things I'm dressed respond to which one is the least important to encourage biking at Buck now.

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00:06:27.180 --> 00:06:39.870

Makenna Cerney: So bike lanes bike parking typography. So the cleanest flatness distance whether road safety and biking facilities and I can read it again if you need

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00:06:41.370 --> 00:06:42.270

David Lundy: What was the last one.

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00:06:42.690 --> 00:06:44.370

Makenna Cerney: Biking facilities. So like

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00:06:46.380 --> 00:06:53.880

Makenna Cerney: I have here like bike signs crossing signals biking separation. So it would be like encouraging that

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00:06:54.180 --> 00:06:55.830

David Lundy: Yeah, which is the least important

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00:06:55.980 --> 00:06:58.170

David Lundy: Yeah, I probably say the last one.

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00:06:58.590 --> 00:06:58.890

Okay.

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00:07:00.390 --> 00:07:01.020

Makenna Cerney: Um,

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00:07:02.220 --> 00:07:12.750

Makenna Cerney: And let's see, I can't read my own writing. Oh, we're on campus would bike parking be the most important and you can name like a few places. So if we were to put

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00:07:13.020 --> 00:07:24.780

Makenna Cerney: You know, like biking corrals or an area I know there is some areas that have places where you can park bikes, but we're in campus, do you think would be the most beneficial area to encourage by game.

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00:07:24.870 --> 00:07:31.530

David Lundy: Yeah, I'm trying to think of because I don't really bike that much on campus. I'm trying to think of where it is. I know when I lived in tracks. There was like a little

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00:07:31.770 --> 00:07:42.900

David Lundy: Bike Rack there but you can only fit like three to five bikes. So I think central is always good. So the main quad area obviously don't want it affect the like aesthetic. I know that's important but

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00:07:42.900 --> 00:07:46.650

David Lundy: Yeah, somewhere around that area, probably by the LSA

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00:07:47.190 --> 00:07:54.960

Makenna Cerney: Yeah, I think the same thing to like that. Or maybe like by the mods or something to spread it out. But yeah, I think the same thing.

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00:07:55.980 --> 00:08:02.580

Makenna Cerney: And then if he bites or rock to campus, would you use them and where should they be located and

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00:08:02.910 --> 00:08:05.640

David Lundy: How would he bike beta like solar power there.

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00:08:05.730 --> 00:08:08.640

Makenna Cerney: So it would be. Have you ever used like a lime scooter.

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00:08:08.850 --> 00:08:17.130

Makenna Cerney: Or so the electric bikes are very similar. They're, they're have this kind of like parking place where they are recharged and

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00:08:18.090 --> 00:08:26.040

Makenna Cerney: Depending on where we get them from if it's like a private company or something that can work with Bucknell would be accessible via you like Bucknell ID or

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00:08:26.880 --> 00:08:36.750

Makenna Cerney: Accessible that way. So it's basically like a traditional bike. Only you pedal, a little less so it's easier to get up the hills. Um, so, is this something that would interest you.

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00:08:37.560 --> 00:08:47.910

David Lundy: Yeah, I think so. I'm trying to think of where you'd want to charge it I think because you were mentioning how you live downtown. Right. And there's a lot of people appeal to say I want one up hill and one downtown

62

00:08:48.060 --> 00:08:54.060

David Lundy: Yeah, we have those rental cars, which I think are kind of pointless, in my opinion, but

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00:08:54.120 --> 00:09:00.450

David Lundy: Yeah, you put the bikes there and then put another set of rechargeable bikes by like act west. I think would be good.

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00:09:01.200 --> 00:09:10.020

Makenna Cerney: Yeah, I just interviewed someone before this, and they said the same thing. So um okay so that's just that was on the built environment. So this is the sections more on

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00:09:11.220 --> 00:09:17.550

Makenna Cerney: Kind of like social norms and how you feel. I guess biking on campus.

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00:09:18.840 --> 00:09:27.690

Makenna Cerney: So do you think that it is cool on to ride a bike at can on campus. So like if you were to see someone riding a bike, would you be like, oh, that's Corey like

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00:09:29.520 --> 00:09:33.450

David Lundy: Only the second but honestly, it's kind of like, who cares at this point, I've seen

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00:09:33.510 --> 00:09:35.400

Makenna Cerney: weirder things, honestly. Yeah.

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00:09:35.490 --> 00:09:37.380

David Lundy: You see people on like segues and stuff.

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00:09:37.980 --> 00:09:41.400

Makenna Cerney: Um yeah i like asking people, this because everyone has different

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00:09:41.400 --> 00:09:52.650

Makenna Cerney: Numbers, but, um, yeah, for the most part I think everyone's kind of just like I guess it's different when you're a senior because you don't really care. But I feel like I'd be more self-conscious like freshman year.

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00:09:53.250 --> 00:09:54.450

David Lundy: You're a senior to right

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00:09:54.480 --> 00:09:55.440

David Lundy: Yep. Gotcha.

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00:09:56.250 --> 00:10:11.100

Makenna Cerney: Um, and do you so if other people if more people bike done campus, let's say this was the most popular mode of transportation and like everyone back to class. Do you think this would influence you to bike, or do you think you would still be like

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00:10:12.000 --> 00:10:14.700

David Lundy: Yeah, probably. As long as there's a place they like get a bike.

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00:10:15.060 --> 00:10:17.490

Makenna Cerney: Right, and then

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00:10:17.520 --> 00:10:21.420

Makenna Cerney: Do you think students and staff could be convinced to bike.

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00:10:21.450 --> 00:10:22.980

Makenna Cerney: Instead of drive to class.

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00:10:24.330 --> 00:10:28.890

David Lundy: Yeah, I think so. I think it's more of an infrastructure issue, to be honest, and having enough resources.

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00:10:29.370 --> 00:10:41.070

David Lundy: Like on campus. We have the you mentioned, like the I forget where there's the Rail Trail, but that's not on campus. So if there was like a designated biking lane. I think that would encourage people

81

00:10:41.610 --> 00:10:42.000

Yeah.

82

00:10:43.020 --> 00:10:51.960

Makenna Cerney: Um, and then the last section is just proposed solutions. So, um, one of the ideas I have a lot of people have come to me saying, like one of the main reasons that they struggle with biking is just because it's not a very popular thing and they don't know

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00:11:01.440 --> 00:11:12.930

Makenna Cerney: How to get started and they don't really feel comfortable doing it. So one of my solutions is to have a bike to class day just to have, you know, one day where everyone does it just to like get people started you know

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00:11:13.470 --> 00:11:19.410

Makenna Cerney: Understand where the park and where to get a bike so if there was a bike to class day would you participate in it.

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00:11:19.890 --> 00:11:20.820

David Lundy: Yeah, definitely.

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00:11:21.360 --> 00:11:27.330

Makenna Cerney: And obviously, like let's say in this scenario that there could be bikes available to students and stuff.

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00:11:28.080 --> 00:11:35.340

David Lundy: Yeah, what the bike situation is. I think there's like one down. Hell, right, or like where you run canoes and stuff.

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00:11:35.490 --> 00:11:51.330

Makenna Cerney: Yeah, so there's you can rent them through like the recreational program. I actually interviewed someone that in this completely random. So I've been getting, like, really. I got really lucky with who have been speaking to. But someone actually worked in that program so they

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00:11:52.350 --> 00:11:55.740

Makenna Cerney: There was talking about how easy it is to get a bike, but people just don't know about it.

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00:11:55.770 --> 00:11:57.480

Makenna Cerney: So one of the things was just like

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00:11:57.960 --> 00:12:11.580

Makenna Cerney: I guess getting it out to Bucknell, because I honestly like if more people knew about it. I'm sure like as a freshman, I would love to just have a bike to go to Market Street or, you know, like bike to CVS or something.

93

00:12:11.790 --> 00:12:15.180

David Lundy: I think it's really good for underclassmen to who don't have the cars.

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00:12:15.390 --> 00:12:18.990

David Lundy: Right, explore the area because I think there's like this, I'm

95

00:12:20.100 --> 00:12:25.740

David Lundy: In your first couple of like year you realize there's not much around like I need to get around so

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00:12:25.740 --> 00:12:26.220

Yeah.

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00:12:28.050 --> 00:12:37.020

Makenna Cerney: I'm okay. What's my next question. Okay. And then someone proposed instead of. So I asked you about

98

00:12:38.370 --> 00:12:49.950

Makenna Cerney: Kind of we've had in the past where they restrict parking for when you're driving on campus, but rather than this. If there was more positive reinforcement. So let's say

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00:12:51.480 --> 00:13:03.420

Makenna Cerney: There was you or your name was put into a raffle. Every time you rented a bike and um you know this raffle. You could win something. Do you think that would encourage people to bike more

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00:13:04.650 --> 00:13:06.900

David Lundy: I feel like it would depend on the prizes.

101

00:13:07.320 --> 00:13:11.370

David Lundy: Yeah, but I don't even know if a raffle would help too much.

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00:13:11.940 --> 00:13:12.330

David Lundy: I don't know.

103

00:13:13.530 --> 00:13:24.510

Makenna Cerney: Um, so those are just some of my solutions. So do you have any thing that stands out to you or anything that you think would influence people to bike more on campus.

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00:13:25.230 --> 00:13:35.040

David Lundy: Yeah, so something I'm thinking about is like Lewisburg has so many local locations and talk now has been trying to strengthen the sense of community between like Lewisburg and Buck now.

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00:13:35.850 --> 00:13:45.240

David Lundy: I'm something you could probably do is work out some sort of reward system with local. I'm like, restaurants and local businesses, I don't know, we could do but

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00:13:46.320 --> 00:13:59.820

Makenna Cerney: Yeah. So I've actually doing research on different case studies. So, and it's interesting that you say that because this paper it's in the economics department. So I'm looking at like monetary value and how it influences the surrounding area and

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00:14:00.840 --> 00:14:10.680

Makenna Cerney: They did a case study of like positive reinforcements with restaurants and like Portland, Oregon, and I think Burlington, and that's like exactly what they did and

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00:14:11.370 --> 00:14:26.820

Makenna Cerney: They noticed that like when you start involving like you know restaurants or stores around town and that the reward is like obviously they get more money and they get more customers, that's actually more beneficial than if you just, you know, on campus. You're like bike bar.

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00:14:27.330 --> 00:14:28.230

Makenna Cerney: Yeah, that's

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00:14:28.710 --> 00:14:32.550

Makenna Cerney: That's interesting that you say that because I also think that is really helpful.

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00:14:32.970 --> 00:14:34.110

David Lundy: For you in Econ major

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00:14:34.290 --> 00:14:39.270

Makenna Cerney: Yeah, I'm econ and environmental studies. So kind of what sparked this

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00:14:39.420 --> 00:14:43.380

David Lundy: Yeah, I didn't mention this before, but I'm also econ with an engineering. So

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00:14:43.560 --> 00:14:46.470

David Lundy: I love behavioral econ. So when you talk about rewards and stuff.

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00:14:46.500 --> 00:14:47.700

David Lundy: I'm like, yeah, yeah.

116

00:14:48.120 --> 00:14:57.780

Makenna Cerney: Oh, that's perfect because that's see like, that's basically what I'm doing. I've been talking to a lot of engineers and I'm going to speak to some of the professor's just because I obviously don't know that much about

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00:14:57.780 --> 00:15:01.530

Makenna Cerney: That so I'm not I'm not the building type, though. I'm like, chemical, so

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00:15:01.620 --> 00:15:06.060

Makenna Cerney: Yeah, okay. Um, oh so me or I probably sent this and you're

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00:15:06.450 --> 00:15:06.720

Good.

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00:15:08.760 --> 00:15:18.480

Makenna Cerney: Yeah, I was like, I need to extend this to everyone. Um, OK. So those are all my questions. And that was perfect, because that was 15 minutes. And that's what I'm aiming for, but

121

00:15:18.810 --> 00:15:25.050

Makenna Cerney: Is there anything else I didn't mention or something in the survey I didn't mention that maybe came up or you want to add

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00:15:26.610 --> 00:15:35.460

David Lundy: Something that I just thought about, too. But this is kind of less feasible, but I think people don't know about the renting bikes, because it's kind of not in a central location.

123

00:15:35.910 --> 00:15:47.700

David Lundy: So maybe they should put like Bike rentals by the gym where pressures have better access to it, but that's like bit more hassle on Bucknell his end. I don't know if that's possible.

124

00:15:48.330 --> 00:16:04.830

Makenna Cerney: Yeah, I honestly like I've been speaking to a broad man and the people in the recreational program. And I think more people and we think like really do want to get more people to bike. So it's like little things like that, you need to like propose and hopefully it'll catch on.

125

00:16:05.280 --> 00:16:08.160

David Lundy: Us fun to talk to them, I'm sure. Robyn was like all about this.

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00:16:08.280 --> 00:16:23.610

Makenna Cerney: Oh yeah, he was like, of course, I'll take your survey and he answered very honestly, which I loved. Because I was expecting him to be like oh Bucknell is great. Like, but he was like, No, we need more improvement and he had some cool answers. So I'm glad he took it.

127

00:16:24.630 --> 00:16:26.460

Makenna Cerney: But yeah, those are all my questions. So I

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00:16:27.540 --> 00:16:32.010

Makenna Cerney: Think I'm all set. But thank you so much for doing this.

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00:16:32.520 --> 00:16:32.940

David Lundy: And

130

00:16:33.360 --> 00:16:45.750

Makenna Cerney: A few more people and um yeah if you want to send this the, I don't know if you still have the link but send it to whoever because I only need like 20 more people. So if you know anyone that bikes.

131

00:16:47.190 --> 00:16:48.450

Makenna Cerney: You could just send them the link

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00:16:48.540 --> 00:16:50.430

David Lundy: Yeah, definitely. I'll spread the word.

133

00:16:50.880 --> 00:16:54.330

Makenna Cerney: Okay, thank you so much. Um, are you going back the semester.

134

00:16:54.570 --> 00:16:59.310

David Lundy: Yeah, I am. I'll be back. Like I'm moving in the day before, but we'll see. Because there's a snowstorm.

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00:16:59.730 --> 00:17:06.570

Makenna Cerney: Yeah I know I am stressed about that too. All right, well maybe I'll see you around campus maybe biking or something.

136

00:17:07.230 --> 00:17:09.150
Makenna Cerney: Good. All right. Thank you.

137
00:17:09.330 --> 00:17:10.410
David Lundy: No problem. See ya.

138
00:17:10.680 --> 00:17:11.130
Bye.

RESPONDENT 5 K SIVERTS

1
00:00:20.400 --> 00:00:21.150
Makenna Cerney: How are you

2
00:00:21.360 --> 00:00:22.020
ksiverts@andrew.cmu.edu: Good, how are you

3
00:00:22.560 --> 00:00:25.590
Makenna Cerney: Good. Thank you for doing this. This is really helpful for me.

4
00:00:26.580 --> 00:00:27.810
Makenna Cerney: It'll be really quick.

5
00:00:29.850 --> 00:00:41.070
Makenna Cerney: But I just need to let you know that this is recording and everything's anonymous, but I just need your consent it to, if I want to use a quote, you might say.

6
00:00:42.150 --> 00:00:42.510
ksiverts@andrew.cmu.edu: Deal.

7
00:00:42.750 --> 00:00:44.220
Makenna Cerney: Yeah okay, sounds

8
00:00:44.760 --> 00:00:45.480
Makenna Cerney: Good consent.

9
00:00:46.560 --> 00:00:51.150
Makenna Cerney: So I'm just gonna ask you a few questions. So just answer honestly there's obviously no right or wrong answers.

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00:00:52.650 --> 00:00:58.650
Makenna Cerney: And don't answer the way you think. You want me to. Are you want you think that I want you to answer just

11
00:00:58.650 --> 00:00:59.100
Answer.

12
00:01:00.300 --> 00:01:05.250
Makenna Cerney: Um, so just to start. Can you just say what you're you are

13
00:01:06.330 --> 00:01:08.040
ksiverts@andrew.cmu.edu: Sure graduated in 2018

14
00:01:09.060 --> 00:01:16.650
Makenna Cerney: Okay. Um, so do you bike on or did you buy on campus when you know you didn't

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00:01:16.740 --> 00:01:17.400

ksiverts@andrew.cmu.edu: Not at all.

16

00:01:19.080 --> 00:01:23.010

Makenna Cerney: So how would you define a Bible campus.

17

00:01:24.810 --> 00:01:30.900

ksiverts@andrew.cmu.edu: I'd say like bypass and separation between car and bike.

18

00:01:31.860 --> 00:01:33.990

ksiverts@andrew.cmu.edu: And then also resources available to

19

00:01:35.010 --> 00:01:37.410

ksiverts@andrew.cmu.edu: I guess tune your bike and kind of work on it.

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00:01:38.760 --> 00:01:44.040

Makenna Cerney: So for your definition is more based on I guess the structural environment, you'd say,

21

00:01:44.250 --> 00:01:44.670

ksiverts@andrew.cmu.edu: Mm hmm.

22

00:01:44.910 --> 00:01:47.070

Makenna Cerney: Um okay so

23

00:01:48.570 --> 00:02:05.310

Makenna Cerney: If you still went to Bucknell, good. Could you see yourself biking. If there was maybe more emphasis put on bike lanes, or let's say they you know came out with a safer environment. What do you think that would encourage you to bike.

24

00:02:05.700 --> 00:02:07.200

ksiverts@andrew.cmu.edu: Yeah. Yeah, I think so.

25

00:02:07.560 --> 00:02:16.800

Makenna Cerney: Okay. Um, so do you enjoy biking in general like now. Or if you were to, you know, like, go on a trip or vacation. Do you bike ever

26

00:02:17.130 --> 00:02:27.660

ksiverts@andrew.cmu.edu: Yeah, absolutely. Yeah, I lived in Pittsburgh for a while that which is where I am now again and they have a bunch of bike infrastructure great like trails and lanes and things like that. So that's why I really got into it.

27

00:02:28.050 --> 00:02:36.450

Makenna Cerney: Okay, that's cool. Um, so did you normally walk or drive, you'd say mostly on campus.

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00:02:36.540 --> 00:02:41.850

Makenna Cerney: Walk walked. And why do you think you walked versus biked when you went

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00:02:44.370 --> 00:02:49.350

ksiverts@andrew.cmu.edu: That's a good question. Things were generally pretty close. Except for like downtown

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00:02:50.460 --> 00:02:50.880

ksiverts@andrew.cmu.edu: And

31

00:02:53.070 --> 00:03:00.660

ksiverts@andrew.cmu.edu: Yeah, I don't know, walking, just gives you the flexibility

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00:03:01.110 --> 00:03:01.500

Yeah.

33

00:03:03.180 --> 00:03:20.280

Makenna Cerney: No, I agree with that. I think like it Bucknell is like big, but it's not big enough sometimes where it is really walkable and you just don't think to. So no, I definitely agree with that. Um, so that was just more understanding you

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00:03:21.810 --> 00:03:25.020

Makenna Cerney: So I have some questions just on

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00:03:26.160 --> 00:03:29.340

Makenna Cerney: the built environment and some behavior and attitude questions.

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00:03:30.360 --> 00:03:36.270

Makenna Cerney: So do you think that there should be restrictions on parking to

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00:03:37.680 --> 00:03:44.190

Makenna Cerney: Encourage people to bike more so for example they initiated either last year, the year before.

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00:03:45.510 --> 00:03:54.000

Makenna Cerney: A, you have to have a parking sticker, but you can only park with that pregnancy or you can only Park and like northern campus or Southern campus.

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00:03:54.120 --> 00:03:54.780

ksiverts@andrew.cmu.edu: Hmm, okay.

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00:03:55.380 --> 00:04:00.360

Makenna Cerney: So is that something you agree with, or do you think that is annoying or what do you think about that.

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00:04:01.950 --> 00:04:05.070

ksiverts@andrew.cmu.edu: Yeah, parking was always an issue there was there was never enough parking

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00:04:07.560 --> 00:04:10.860

ksiverts@andrew.cmu.edu: Maybe not so much like a restriction on

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00:04:11.970 --> 00:04:17.250

ksiverts@andrew.cmu.edu: The number of parking spaces, but maybe like more of an incentive program to encourage biking like

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00:04:17.730 --> 00:04:27.630

ksiverts@andrew.cmu.edu: I know they're not going to draw tuition at all, but say like your transportation fee goes down or some of the fees, like you get \$100 off of the semester. If you buy two classes or something like that.

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00:04:28.710 --> 00:04:33.060

Makenna Cerney: And that's exactly actually like what I've been discussing with people so

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00:04:34.080 --> 00:04:42.210

Makenna Cerney: I talk like more incentivizing people, this could be whether your name is put in a raffle like every time you rent a bike or

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00:04:43.980 --> 00:04:57.750

Makenna Cerney: I don't know, maybe just encouraging people in other ways, rather than taking away driving, because I know I felt really like a no way when they were like, oh, you can only park in certain areas, even though I probably only park in those areas. Anyway, I just don't want

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00:04:58.290 --> 00:05:00.810

Makenna Cerney: To keep things away. So I agree with you.

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00:05:01.260 --> 00:05:04.530

Makenna Cerney: Right, so. So more questions on the built environment.

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00:05:05.970 --> 00:05:13.950

Makenna Cerney: What are ways to general infrastructure, do you think could have been improved to improve safety.

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00:05:15.990 --> 00:05:16.680

ksiverts@andrew.cmu.edu: Yeah.

52

00:05:18.390 --> 00:05:23.730

ksiverts@andrew.cmu.edu: I know when I'm biking. I really don't like to be right next to cars so

53

00:05:27.630 --> 00:05:36.900

ksiverts@andrew.cmu.edu: Hmm. Yeah, I don't know if maybe if like seven street was made like only a one way street. So, like, half was biking and half was like just cars or something like that.

54

00:05:38.430 --> 00:05:41.460

Makenna Cerney: And it can be something simple to like I can give examples. If you need

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00:05:43.200 --> 00:05:43.560

ksiverts@andrew.cmu.edu: Like

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00:05:45.300 --> 00:05:49.680

ksiverts@andrew.cmu.edu: Maybe make sheesh. Yeah. What are some examples that you might have thought of.

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00:05:49.710 --> 00:05:54.390

Makenna Cerney: Um, some people in the past have just said, simple things, just like more signs.

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00:05:55.620 --> 00:06:01.290

Makenna Cerney: So if there is biking, you know, make it so people can read the road.

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00:06:02.400 --> 00:06:10.440

Makenna Cerney: Also make I guess like parking more available in certain areas, you're not just like throwing your bike and putting an obstacle or

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00:06:11.790 --> 00:06:18.300

Makenna Cerney: Even this isn't really infrastructure. But in terms of safety if they were like a class on biking or something like that.

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00:06:19.440 --> 00:06:23.760

Makenna Cerney: But some stuff like that. Does anything come to mind or do one of those stand out to you.

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00:06:24.000 --> 00:06:30.720

ksiverts@andrew.cmu.edu: Yeah, I think the like bike parking is big and maybe even providing like bike locks or something like that. Like secure

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00:06:30.810 --> 00:06:33.990

ksiverts@andrew.cmu.edu: Right, like storage and then another one might be like

64

00:06:35.430 --> 00:06:45.540

ksiverts@andrew.cmu.edu: Putting those like signs on the pavement that has like a little bike logo and also a walk logo to let people know that you can you can bike and walk on this pathway.

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00:06:45.570 --> 00:07:09.660

Makenna Cerney: Yeah, that's a good idea. I didn't think about that. Um, okay. So I'm going to list a couple things and just respond to which one is the least important to encourage so bike lanes bike parking typography. So I killing us first flatness distance weather road safety and bike facilities.

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00:07:13.200 --> 00:07:17.550

ksiverts@andrew.cmu.edu: I mean typography. You can't really change so

67

00:07:19.860 --> 00:07:20.220

ksiverts@andrew.cmu.edu: That's

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00:07:20.610 --> 00:07:21.060

Makenna Cerney: The least

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00:07:21.300 --> 00:07:22.530

ksiverts@andrew.cmu.edu: Probably the most important

70

00:07:22.980 --> 00:07:25.830

Makenna Cerney: Questions. Interesting. So I think I've gotten like every single one of them.

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00:07:25.920 --> 00:07:26.250

ksiverts@andrew.cmu.edu: As

72

00:07:27.240 --> 00:07:31.020

Makenna Cerney: Oh really, yeah, people will people just have different things that they

73

00:07:31.770 --> 00:07:39.090

Makenna Cerney: Because some people are like, Oh, I don't mind about the weather was wearing have your jackets and people are like, Well, if it's cold. I'm not biking.

74

00:07:41.130 --> 00:07:54.510

Makenna Cerney: But I think a lot of people have said typography, actually, um okay so if he bikes are about to campus. So this would be, I don't know if you've ever used a bike or heard of it, but

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00:07:55.380 --> 00:08:06.720

Makenna Cerney: Like they're similar to like live scooters. So if these were brought to campus, do you think you would have used them or do you think this would have been beneficial like looking back, or do you think people will use them now.

76

00:08:07.680 --> 00:08:09.480

ksiverts@andrew.cmu.edu: Yeah, I think, I think I would have used them.

77

00:08:09.870 --> 00:08:10.260

Makenna Cerney: Mm hmm.

78

00:08:10.440 --> 00:08:12.570

ksiverts@andrew.cmu.edu: I think I would have used them. You go ahead

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00:08:13.410 --> 00:08:18.090

Makenna Cerney: I think like freshman year I would have used them.

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00:08:18.090 --> 00:08:18.990

Makenna Cerney: So much

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00:08:19.080 --> 00:08:20.640

Makenna Cerney: Like yeah, without a car.

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00:08:21.930 --> 00:08:27.300

Makenna Cerney: So I think about that all the time. So we're on campus would be the best ball to put these

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00:08:30.930 --> 00:08:32.250

ksiverts@andrew.cmu.edu: Near the library.

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00:08:34.620 --> 00:08:36.390

ksiverts@andrew.cmu.edu: Like, you mean like those stations.

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00:08:36.570 --> 00:08:39.150

Makenna Cerney: Yeah, just where they would like the part you're where you can pick them up.

86

00:08:39.570 --> 00:08:41.610

Makenna Cerney: Yes. So multiple locations.

87

00:08:41.700 --> 00:08:51.420

ksiverts@andrew.cmu.edu: Somewhere near the library and then maybe somewhere over by like Chris hall like that kind of quad that has Carnegie Library in there.

88

00:08:51.420 --> 00:08:52.260

Makenna Cerney: Yeah yeah

89

00:08:52.710 --> 00:08:54.750

ksiverts@andrew.cmu.edu: And then by the LLC.

90

00:08:55.530 --> 00:08:55.920

Makenna Cerney: Yeah.

91

00:08:56.010 --> 00:08:56.820

ksiverts@andrew.cmu.edu: Would be a good one.

92

00:08:57.840 --> 00:09:00.690

Makenna Cerney: I think there's like a million places you can put them. Excellent. Put them everywhere.

93

00:09:01.410 --> 00:09:02.010

ksiverts@andrew.cmu.edu: Yeah, right.

94

00:09:02.700 --> 00:09:21.510

Makenna Cerney: Um, okay. So that was like the built environment. So this sections more on just like general norms and how you feel on campus reading it. So would you say, going back to you in college, would you think that it is cool to ride a bike.

95

00:09:23.820 --> 00:09:24.150

ksiverts@andrew.cmu.edu: No.

96

00:09:25.560 --> 00:09:29.460

Makenna Cerney: I also agree. I feel like I love those questions because some people like

97

00:09:29.910 --> 00:09:39.210

Makenna Cerney: A stutter and they're like, oh, like maybe, but I know I agree. I think it's like I feel insecure. If I'm riding a bike or something or which I wish I didn't, but um

98

00:09:39.660 --> 00:09:51.270

Makenna Cerney: Do you think if this was the most comment or the most. I guess the most popular mode of transportation with that. Do you think make you feel better about writing it, or do you think it wouldn't change.

99

00:09:51.720 --> 00:10:03.000

ksiverts@andrew.cmu.edu: Yeah, and I think if there were like more groups geared toward it. So like you always feel more comfortable in a group like with other people. So if other people are doing it. Of course you'd feel more comfortable.

100

00:10:03.510 --> 00:10:14.550

Makenna Cerney: Right. And then do you think that students and staff could be convinced to bike instead of drive or do you think that they are just stuck with driving

101

00:10:17.190 --> 00:10:24.720

ksiverts@andrew.cmu.edu: I think they could be convinced. I'm an optimist. So I'd hope some of those incentive programs and maybe some of the infrastructure might help.

102

00:10:24.900 --> 00:10:35.430

Makenna Cerney: Yeah, I've been. I've been talking to, like, a lot of different people and it's really interesting because for the most part people are like, I really want to. I just don't know how like I don't know where to start.

103

00:10:36.210 --> 00:10:45.510

Makenna Cerney: That's what the whole my whole thing is, basically, um, so we kind of like ran through these before. And we talked about proposed solutions, but

104

00:10:47.400 --> 00:11:01.320

Makenna Cerney: So one of my things I have had a lot of people come to me and say, one of the biggest reasons they don't buy it because just because it's not normal on campus, no one else does it they'd feel we're doing it, don't even know where to rent a bike all that

105

00:11:01.560 --> 00:11:15.750

Makenna Cerney: Mm hmm. So what am I propose solutions is to have a will just one day, like a bike to class day and bikes to be easily rented. They would prepare for it and everything. And I would just to encourage people to try it out and see other people doing it feel normal.

106

00:11:17.100 --> 00:11:21.990

Makenna Cerney: So if this was offered to you in the past, you think you would have done it, or what are your thoughts on it.

107

00:11:22.380 --> 00:11:25.560

ksiverts@andrew.cmu.edu: Yeah, I would have done it. But another idea would be to do like

108

00:11:27.150 --> 00:11:35.400

ksiverts@andrew.cmu.edu: Like a couple bite to class days where you kind of group people. So it's not like everybody's biking because we have, there's no infrastructure for biking. So you might even overwhelm it

109

00:11:35.640 --> 00:11:42.270

ksiverts@andrew.cmu.edu: Right, if the entire 3500 population is biking to school one day, but um if you did like

110

00:11:43.230 --> 00:11:48.480

ksiverts@andrew.cmu.edu: Half the freshman class one day and then the other half the freshman class and then half the sophomore class the other half, so

111

00:11:49.140 --> 00:11:59.610

ksiverts@andrew.cmu.edu: That might be a good way and just make the Bike rentals free and totally accessible so it doesn't cost them anything. And then they might be encouraged to do it with their classmates again.

112
00:11:59.880 --> 00:12:00.240
Yeah.

113
00:12:01.320 --> 00:12:05.910
Makenna Cerney: Um, and then out of all the things we discussed. So like

114
00:12:07.170 --> 00:12:21.630
Makenna Cerney: I guess just norms or the physical environment or the like accessibility to actually getting a bike. What do you think is the most important thing that will encourage people to bike more on campus, in your opinion.

115
00:12:25.800 --> 00:12:37.590
ksiverts@andrew.cmu.edu: I would say some of the incentives that we were talking about right like infrastructure, you can kind of use the walking paths. Anyway, in the streets, if you're brave enough and there's not a lot of traffic.

116
00:12:39.540 --> 00:12:49.380
ksiverts@andrew.cmu.edu: But really, there's no incentive to right now. So if you tell someone, I'll give you \$100 for the semester. If you'd like to class, a couple times. I'm sure people will do it. And then also Bike rentals on campus and

117
00:12:49.620 --> 00:12:49.980
Yeah.

118
00:12:51.030 --> 00:12:51.570
ksiverts@andrew.cmu.edu: So, yeah.

119
00:12:52.050 --> 00:12:53.280
Makenna Cerney: Yeah, I was talking to

120
00:12:54.510 --> 00:13:09.240
Makenna Cerney: Someone in the last interview and he was like part of the recreational program. And he was like, it is so easy to rent a bike and the people that do it, love it but like no one knows about it. So I think part of it is just like getting the word out.

121
00:13:10.590 --> 00:13:14.880
Makenna Cerney: But there are so many like closeted bikers.

122
00:13:15.360 --> 00:13:28.620
Makenna Cerney: That like what they want to they just don't know how, but I thought that was really cool. And I'm also talking to President Bronfman about this, and he's really he seems to be really into the E bike thing so

123
00:13:28.950 --> 00:13:42.660
Makenna Cerney: Great. I mean, hopefully that that will come out of this. But basically, my whole paper is on economics and environmental studies side. So it's looking at how we can make the campus more sustainable.

124
00:13:42.840 --> 00:13:43.980
Makenna Cerney: Mm hmm. So

125
00:13:45.330 --> 00:13:54.510
Makenna Cerney: Yeah, so based on the survey and everything. We talked about. Is there anything I didn't mention that came to mind or anything else you think will be beneficial.

126
00:13:57.090 --> 00:13:59.970
ksiverts@andrew.cmu.edu: I mean, you probably have to involve P safe. Unfortunately, and

127

00:13:59.970 --> 00:14:00.960

Makenna Cerney: Yeah, no.

128

00:14:01.110 --> 00:14:06.900

ksiverts@andrew.cmu.edu: Problem. I got them on board and then the bike safety and making sure people aren't drunk biking.

129

00:14:07.410 --> 00:14:07.890

Yeah.

130

00:14:09.690 --> 00:14:11.580

ksiverts@andrew.cmu.edu: Which you probably aren't going to prevent that, but

131

00:14:12.720 --> 00:14:17.250

Makenna Cerney: Well, I studied abroad in Copenhagen and obviously they're big bikers there and

132

00:14:18.720 --> 00:14:24.000

Makenna Cerney: So that was like I was where I was like, wow, like, how is that going to happen because obviously everyone's going to do it.

133

00:14:24.510 --> 00:14:30.630

Makenna Cerney: And there was like they had their like PCA for, you know, their police, I guess.

134

00:14:30.720 --> 00:14:31.080

ksiverts@andrew.cmu.edu: Mm hmm.

135

00:14:31.170 --> 00:14:40.590

Makenna Cerney: But it's just like less of a concern. I guess because biking isn't like driving, but I don't know. I think that's interesting because on campus. Obviously, people that would be the first thing

136

00:14:40.620 --> 00:14:41.130

People do

137

00:14:42.480 --> 00:14:43.410

Makenna Cerney: Yeah, I don't know.

138

00:14:44.760 --> 00:14:46.740

ksiverts@andrew.cmu.edu: But other than that, no. I think it was, I think it was good.

139

00:14:47.340 --> 00:14:52.770

Makenna Cerney: Okay, cool. So they're all my questions and I was perfect. I try to keep them around 15 minutes

140

00:14:53.190 --> 00:14:55.500

ksiverts@andrew.cmu.edu: So, is this your last semester.

141

00:14:55.920 --> 00:15:02.820

Makenna Cerney: Yep. My last semester. So I'm taking three classes and I'm trying to just have fun.

142

00:15:02.850 --> 00:15:11.100

Makenna Cerney: But yeah, yeah, I'm just finishing with this paper and hopefully we can do something cool and contribute to Bucknell before I leave

143

00:15:11.160 --> 00:15:13.740

ksiverts@andrew.cmu.edu: But definitely, how was Bucknell during coven

144

00:15:14.910 --> 00:15:18.870

Makenna Cerney: It's so different. I mean, the bars, the bars are closed and

145

00:15:20.550 --> 00:15:29.730

Makenna Cerney: Yeah, it's definitely been weird, but I don't know. It's still Bucknell, I still love it and I everyone finds a way to have fun. So

146

00:15:29.910 --> 00:15:34.890

Makenna Cerney: Yeah, hopefully this semester is a little more normal last semester was a little tough and it got kind of clunky, but

147

00:15:35.190 --> 00:15:35.640

ksiverts@andrew.cmu.edu: Mm hmm.

148

00:15:36.300 --> 00:15:37.740

Makenna Cerney: I mean, I always send their

149

00:15:37.950 --> 00:15:39.720

ksiverts@andrew.cmu.edu: I could. Yeah, definitely.

150

00:15:40.080 --> 00:15:45.750

Makenna Cerney: Yeah. Well, thank you so much for doing this. I really appreciate it. I just need a couple more people so

151

00:15:46.050 --> 00:15:50.820

Makenna Cerney: Perfect. That was amazing. And I love that you graduated. So I have that perspective too.

RESPONDENT 6 BRIDGET LALONDE

1

00:00:37.980 --> 00:00:42.540

Makenna Cerney: Good Thank you so much for doing this, it will be really quick it just really helps me out.

2

00:00:44.820 --> 00:00:47.160

Makenna Cerney: So let me pull up the questions.

3

00:00:49.140 --> 00:00:52.080

Makenna Cerney: Okay, so I just have to inform you that this is recording.

4

00:00:53.190 --> 00:01:02.160

Makenna Cerney: And everything's gonna be anonymous in my thesis so I've seen a lot, you know and make sure it's Okay, if I quote you on something so that's okay.

5

00:01:02.550 --> 00:01:03.030

Yes.

6

00:01:04.740 --> 00:01:10.500

Makenna Cerney: um so you took my survey and it's like a random selection, so we got lucky.

7

00:01:11.730 --> 00:01:18.300

Makenna Cerney: But basically I'm just gonna ask you a few questions they might be repetitive, but just answer honestly I'm not looking for any specific answers so.

8

00:01:19.890 --> 00:01:23.400

Makenna Cerney: Okay, so to start what year are you.

9

00:01:23.760 --> 00:01:24.420

sophomore.

10

00:01:25.470 --> 00:01:35.640

Makenna Cerney: Perfect I haven't software yeah um Okay, so how would you define biking? This was asked in the survey, you can say the same thing or.

11

00:01:36.000 --> 00:01:47.160

Bridget Lalonde: um I guess like having access to like definitely like bike racks and not necessarily bikes but like bike paths as well.

12

00:01:48.660 --> 00:02:04.440

Bridget Lalonde: In turn, and definitely in terms of safety, with like no cars, like it hard to bike on the highway I'd say like um, I guess, like the rail trail having more like Charles like that or just more information about it too.

13

00:02:06.000 --> 00:02:12.810

Makenna Cerney: So you so a lot of things that you brought up or like a lot of structural thing so like bike paths and having more infrastructure.

14

00:02:13.230 --> 00:02:26.520

Makenna Cerney: yeah um Okay, so the first couple questions I'm going to ask are just on like basically your general attitudes towards biking so I haven't looked through your survey, but are you a biker do you live on campus.

15

00:02:26.850 --> 00:02:29.490

Bridget Lalonde: I don't bike on campus but I bike when I'm at home.

16

00:02:29.730 --> 00:02:30.000

Okay.

17

00:02:31.440 --> 00:02:33.120

Makenna Cerney: Could you see yourself, I can get back now.

18

00:02:33.900 --> 00:02:34.290

Oh.

19

00:02:35.490 --> 00:02:41.730

Bridget Lalonde: I guess it kind of depends, I definitely wouldn't bike during the winter months, just because it's like a bit too cold.

20

00:02:41.940 --> 00:02:45.660

Bridget Lalonde: yeah what maybe like on a nice Spring Day like once in a while I might like to.

21

00:02:45.660 --> 00:02:47.220

Makenna Cerney: Class so.

22

00:02:47.670 --> 00:02:58.260

Makenna Cerney: Do you think if there was like changes on campus so if they did put in like more bike paths, or maybe biking was more common that would encourage you, you think.

23

00:02:58.920 --> 00:03:01.260

Bridget Lalonde: yeah definitely and I think if.

24

00:03:02.670 --> 00:03:08.880

Bridget Lalonde: I know it'd be kind of like inconvenient, but if what is it's not more what's the one like in between.

25

00:03:10.020 --> 00:03:16.320

Bridget Lalonde: I don't know it's called the you know when you're walking to the quad that road that's at the bottom.

26

00:03:17.040 --> 00:03:18.150

Makenna Cerney: Oh yeah.

27

00:03:18.330 --> 00:03:18.840

Bridget Lalonde: I think if.

28

00:03:19.860 --> 00:03:21.600

Bridget Lalonde: That road were closed.

29

00:03:22.980 --> 00:03:24.150

Bridget Lalonde: that'd be easier.

30

00:03:25.380 --> 00:03:27.240

Makenna Cerney: yeah I know what you're saying.

31

00:03:27.300 --> 00:03:28.740

Bridget Lalonde: I don't know what it's called but.

32

00:03:30.870 --> 00:03:33.900

Bridget Lalonde: cars can sometimes go like pretty fast through there.

33

00:03:34.500 --> 00:03:37.500

Makenna Cerney: yeah or if there was like speed bumps or something yeah.

34

00:03:39.000 --> 00:03:40.380

Makenna Cerney: that's a good point I didn't think about that.

35

00:03:42.060 --> 00:03:48.090

Makenna Cerney: Okay, so do you so you do you drive on campus do you walk or do you mostly do.

36

00:03:48.330 --> 00:03:56.610

Bridget Lalonde: um I do have a current campus but I really only use it to go to the grocery store I don't like drive down places I mostly just walk.

37

00:03:57.060 --> 00:04:06.300

Makenna Cerney: Okay, and so we kind of talked about this it's a little redundant, but so you choose to walk instead of bike just because why.

38

00:04:06.870 --> 00:04:12.600

Bridget Lalonde: um I don't know it's more common, I guess, to walk and bike on campus.

39

00:04:12.600 --> 00:04:13.050

So.

40

00:04:14.970 --> 00:04:19.230

Bridget Lalonde: And I'm on the tracking so like after practice I don't think I'd want to bike.

41

00:04:20.550 --> 00:04:21.840

Bridget Lalonde: Around because it's.

42

00:04:22.200 --> 00:04:23.580

Bridget Lalonde: walking is already hard enough.

43

00:04:24.060 --> 00:04:25.230

Makenna Cerney: Good Alex and us.

44

00:04:25.590 --> 00:04:28.140

Bridget Lalonde: yeah Alex and Megan centered in are like big.

45

00:04:28.170 --> 00:04:29.100

Bridget Lalonde: group chat.

46

00:04:29.550 --> 00:04:32.010

Makenna Cerney: I used to be on the track team they're like my best friend so.

47

00:04:32.700 --> 00:04:41.910

Makenna Cerney: that's so funny um okay so okay um there are some restrictions on campus for cars.

48

00:04:42.030 --> 00:04:49.590

Makenna Cerney: uh huh do you think there should be restrictions to encourage biking or do you think that restrictions are annoying or what do you think about that.

49

00:04:51.540 --> 00:04:57.600

Bridget Lalonde: I think they could definitely make stronger restrictions to encourage biking more.

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00:04:58.320 --> 00:04:58.740

Makenna Cerney: accountable.

51

00:04:59.130 --> 00:05:14.280

Bridget Lalonde: I don't know like this semester like I really only use my car to go to the grocery store, but I know, like some people who, just like drive everywhere, like they'll just drive down to the tracker like I don't know so I find that kind of annoying like there's no need to like.

52

00:05:14.640 --> 00:05:15.720

Bridget Lalonde: You dry like.

53

00:05:16.920 --> 00:05:20.910

Makenna Cerney: yeah no, I agree, some people are just that's just what they're used to them.

54

00:05:21.000 --> 00:05:22.260

Bridget Lalonde: yeah I guess.

55

00:05:23.340 --> 00:05:36.900

Makenna Cerney: I'm Okay, so that was just on behavior and attitude, so now I'm going to ask a little more on the like structural environment, so I think you mentioned this before, but do you like what specific ways, could the general infrastructure.

56

00:05:38.130 --> 00:05:40.230

Makenna Cerney: be improved to better safety.

57

00:05:41.940 --> 00:05:42.780

Bridget Lalonde: um.

58

00:05:44.130 --> 00:05:47.520

Bridget Lalonde: The roads, I think there could definitely be like bike.

59

00:05:49.140 --> 00:05:53.010

Bridget Lalonde: lane, so that you can like share the road with bikers.

60

00:05:57.810 --> 00:06:00.330

Bridget Lalonde: I mean, we do have some bike racks.

61

00:06:00.480 --> 00:06:02.970

Bridget Lalonde: yeah places but.

62

00:06:04.770 --> 00:06:09.210

Bridget Lalonde: I don't know like maybe, making them more accessible.

63

00:06:09.450 --> 00:06:09.780

Makenna Cerney: mm hmm.

64

00:06:10.050 --> 00:06:10.860

um.

65

00:06:12.360 --> 00:06:13.380

Bridget Lalonde: and

66

00:06:15.030 --> 00:06:15.180

I.

67

00:06:16.410 --> 00:06:17.790

Bridget Lalonde: don't know what else I guess.

68

00:06:18.180 --> 00:06:31.620

Makenna Cerney: Good yeah it's a tough question because it's like kind of brought some other people said that was interesting, just like even to have some signs, or if we were to if more people were to begin biking just to say like.

69

00:06:32.850 --> 00:06:35.970

Makenna Cerney: To make it more obvious that there's two people sharing the road so.

70

00:06:37.050 --> 00:06:48.960

Makenna Cerney: I know I studied abroad in Copenhagen, so they made it very clear they had like biking signs and like more information on it so that cars are more aware that there was bikers on the road, so that could be something to.

71

00:06:51.270 --> 00:06:59.640

Makenna Cerney: Okay, this question so I'm going to list a few things and just respond which one is the least important to encourage bike game.

72

00:07:00.090 --> 00:07:13.110

Makenna Cerney: Okay, so bike lanes bike parking topography so like holiness or flatness distance whether road safety and biking facilities.

73

00:07:14.310 --> 00:07:15.990

Bridget Lalonde: Which one's the least important.

74

00:07:16.170 --> 00:07:16.500

Makenna Cerney: mm hmm.

75

00:07:21.660 --> 00:07:23.130

Bridget Lalonde: Maybe like topography.

76

00:07:23.460 --> 00:07:23.760

Makenna Cerney: mm hmm.

77

00:07:24.270 --> 00:07:26.850

Makenna Cerney: A lot of people have said that one, this one is interesting because.

78

00:07:27.480 --> 00:07:36.840

Makenna Cerney: Like everyone has their different opinion because some people are like oh I don't care about the weather at all right now, like in the snow and then, some people are like nope if it's below 50 degrees I'm.

79

00:07:37.710 --> 00:07:43.770

Makenna Cerney: Not biking so it's just an interesting question it's kind of tough, but I think I would say topography to.

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00:07:46.080 --> 00:07:47.070

Makenna Cerney: Okay, so.

81

00:07:48.120 --> 00:07:51.090

Makenna Cerney: If he bikes are brought to campus would you use them.

82

00:07:51.870 --> 00:07:54.240

Bridget Lalonde: Those are ones that have the motors.

83

00:07:54.630 --> 00:08:01.530

Makenna Cerney: yeah so it's basically like you're it's like a traditional bike but you don't have to work as hard to.

84

00:08:01.620 --> 00:08:04.230

Bridget Lalonde: write um yeah probably.

85

00:08:04.590 --> 00:08:07.890

Makenna Cerney: Okay, and where on campus would you locate them.

86

00:08:11.130 --> 00:08:12.900

Bridget Lalonde: Like where What do you mean.

87

00:08:13.290 --> 00:08:25.770

Makenna Cerney: Like the there's okay so where we have like the zip cars, like that area to have them, it would be kind of like that there needs to be like a station where they would like charge, and you can go pick up, so it can be multiple places or.

88

00:08:26.250 --> 00:08:30.780

Bridget Lalonde: I guess you'd probably want one by like the gateways where there's that.

89

00:08:32.640 --> 00:08:33.270

Bridget Lalonde: outdoor.

90

00:08:33.870 --> 00:08:34.530

Makenna Cerney: Oh yeah.

91

00:08:34.590 --> 00:08:35.160

Makenna Cerney: we're them.

92

00:08:35.310 --> 00:08:40.560

Bridget Lalonde: axon so yeah um maybe by like the field house.

93

00:08:42.960 --> 00:08:45.720

Bridget Lalonde: And I don't know, maybe like one outside the library.

94

00:08:45.870 --> 00:08:51.420

Makenna Cerney: yeah I would say, like put them around campus maybe look at where the hills aren't stuff cuz.

95

00:08:51.450 --> 00:08:55.350

Makenna Cerney: yeah well encourages a lot of people um.

96

00:08:57.960 --> 00:09:04.890

Makenna Cerney: And would you say the same thing for normal bikes to just traditional bikes if they would have by parking would you put them in the same spots.

97

00:09:05.400 --> 00:09:11.520

Bridget Lalonde: yeah probably have them more spots to then just that he bikes maybe.

98

00:09:12.420 --> 00:09:16.710

Makenna Cerney: I'm Okay, and then this section is just on like norms on campus.

99

00:09:16.770 --> 00:09:20.190

Makenna Cerney: hmm So do you think it is cool to ride a bike.

100

00:09:23.130 --> 00:09:28.350

Bridget Lalonde: I would say, like not most people like really ride a bike I've seen people skateboard but.

101

00:09:28.710 --> 00:09:33.180

Makenna Cerney: yeah but it like I know I agree like it's just not like it's you.

102

00:09:33.210 --> 00:09:36.000

Makenna Cerney: Know stand out right yeah.

103

00:09:37.380 --> 00:09:53.580

Makenna Cerney: yeah no, I agree, and what makes me sad because ride a bike all the time and I'm like stops me, but do you do you think if more people buy on campus and that was like the most popular form of transportation, do you think that you would bike more.

104

00:09:54.090 --> 00:09:55.170

Bridget Lalonde: yeah definitely.

105

00:09:55.890 --> 00:09:57.750

Makenna Cerney: I type all abroad because everyone else biked.

106

00:09:58.770 --> 00:10:06.390

Makenna Cerney: um and do you think that students and staff could be convinced to bike more if we take the right initiatives.

107

00:10:07.380 --> 00:10:08.250

Bridget Lalonde: Yes, yeah.

108

00:10:09.210 --> 00:10:15.600

Makenna Cerney: Because that's a tough question, too, because some people are like nope it's never going to change like a sigh like asking people that.

109

00:10:16.980 --> 00:10:20.340

Makenna Cerney: So that was just all the questions on this different.

110

00:10:21.450 --> 00:10:27.450

Makenna Cerney: Like the breakdown of my thesis this last part is just on like proposed solutions.

111

00:10:27.720 --> 00:10:38.940

Makenna Cerney: Okay um so, for example, a lot of people have come to me and been like I really want a bike, but I just feel weird doing it, no one else bikes.

112

00:10:39.030 --> 00:10:45.240

Makenna Cerney: hmm so that's like one of the things that I've been focusing on so one of my solutions is to have.

113

00:10:46.140 --> 00:11:02.910

Makenna Cerney: Either one or multiple bike to class days were Bucknell would like sponsor you could get a bike and rent it for the day or maybe they give them out for free, and this will just encourage people to like get used to it and understand where to go on campus and then to also see other people.

114

00:11:04.110 --> 00:11:09.690

Makenna Cerney: So that's like one solution, and then we talked before about like restrictions on cars and.

115

00:11:10.740 --> 00:11:19.320

Makenna Cerney: There, I think that there should be like a difference between restricting and then also like positive reinforcement, I think, instead of.

116

00:11:20.460 --> 00:11:23.940

Makenna Cerney: Taking away cars it's more like Oh well, if you'd like you could.

117

00:11:25.170 --> 00:11:26.880

Makenna Cerney: be putting a raffle or something like that.

118

00:11:27.180 --> 00:11:27.570

Bridget Lalonde: hmm.

119

00:11:27.720 --> 00:11:30.540

Makenna Cerney: So these are just some of the things that like I proposed.

120

00:11:31.590 --> 00:11:33.540

Makenna Cerney: And then, also the bikes are in there as well.

121

00:11:34.830 --> 00:11:36.420

Makenna Cerney: Well, so one, what do you think of those.

122

00:11:37.380 --> 00:11:46.410

Bridget Lalonde: um I've definitely heard my dad actually has an e bike so he, like you said I'm a lot because around us it's like really hilly so.

123

00:11:48.030 --> 00:11:56.340

Bridget Lalonde: And he just he likes to bike good awards and stuff but I like them, I don't know if they're necessary.

124

00:11:57.390 --> 00:12:08.070

Bridget Lalonde: Bucknell because it is such a small campus it's not like it's a giant like state school where it takes 15 minutes to walk through class, so I don't know like we could maybe have like a few.

125

00:12:08.190 --> 00:12:11.250

Bridget Lalonde: On campus to see try it out.

126

00:12:12.120 --> 00:12:19.830

Makenna Cerney: And then do you have any other, just like at the top of your head like solutions for some of the things that prevent you from biking.

127

00:12:23.250 --> 00:12:24.390

Makenna Cerney: You know it's a tough question but.

128

00:12:25.920 --> 00:12:27.330

Bridget Lalonde: I don't know, I think.

129

00:12:28.350 --> 00:12:34.920

Bridget Lalonde: If people were to bike on campus like it's definitely.

130

00:12:36.300 --> 00:12:44.160

Bridget Lalonde: They want to be, they should be like informed bikers, too, so if they do like at night, they should be wearing like some type of reflective gear.

131

00:12:44.430 --> 00:12:44.880

yeah.

132

00:12:46.860 --> 00:12:57.300

Bridget Lalonde: I know it might not be like lock the coolest but like where like a helmet and stuff because I know people who've had like really traumatic brain injuries from biking.

133

00:12:57.300 --> 00:13:01.080

Bridget Lalonde: Acting so like safety would definitely be important.

134

00:13:03.360 --> 00:13:07.170

Bridget Lalonde: I don't I don't know any like real solutions, I don't know it's hard to.

135

00:13:07.170 --> 00:13:07.230

Makenna Cerney: Have.

136

00:13:07.290 --> 00:13:11.670

Makenna Cerney: A good one that was a good one, like some people I've had I've interviewed some engineers.

137

00:13:12.030 --> 00:13:13.980

Makenna Cerney: So there are like into the technical.

138

00:13:14.640 --> 00:13:29.130

Makenna Cerney: Like the physical environment of it, so there we go Okay, one of the things preventing me from biking is the big hill up near by the LC like if you make a bike lane that's you know wavy so it's not just straight up.

139

00:13:29.670 --> 00:13:33.450

Makenna Cerney: I thought that was understanding and then I had someone else say the raffle thing to me.

140

00:13:34.890 --> 00:13:39.330

Makenna Cerney: Just to positive reinforcement so just stuff like that, but I know it's tough to think but.

141

00:13:39.720 --> 00:13:43.800

Makenna Cerney: yeah if you can think of anything, right now, you can always just send me an email or something.

142

00:13:44.820 --> 00:13:49.200

Makenna Cerney: um but the I guess the point of this is just like start conversation and just see.

143

00:13:50.520 --> 00:13:59.460

Makenna Cerney: Because honestly I've talked to so many people and it's different for everyone, why they don't bike some people are like I don't want to be sweaty when I go to class and.

144

00:14:00.360 --> 00:14:09.450

Makenna Cerney: And then other people are like oh it's too cold or whatever, so I think the main point of this is to try to figure out like what's what can help people.

145

00:14:10.830 --> 00:14:20.190

Makenna Cerney: Just because I want to be able to reduce cars, and I know that everyone wants to walk all the time, so we'll just be another option.

146

00:14:20.550 --> 00:14:21.510

Bridget Lalonde: yeah and.

147

00:14:21.840 --> 00:14:28.470

Makenna Cerney: But that was all my questions did anything come up in the survey or anything, while we were talking that made you think of something you wanted to bring up.

148

00:14:29.010 --> 00:14:36.030

Bridget Lalonde: I'm not really I just thought it was like interesting like oh yeah I guess we don't really like bike on campus.

149

00:14:36.270 --> 00:14:41.370

Bridget Lalonde: yeah I know, like some my friends who go to state schools it's like normal.

150

00:14:41.670 --> 00:14:42.180

yeah.

151

00:14:43.290 --> 00:14:43.530

Makenna Cerney: Like.

152

00:14:43.590 --> 00:14:45.240

Makenna Cerney: I studied abroad, I.

153

00:14:45.270 --> 00:14:46.260

told you that but.

154

00:14:47.910 --> 00:14:58.410

Makenna Cerney: Like everyone bike and I was like this would be so cool to just bring back to school, and this is an economic, this is actually the economics department that I'm writing this so I'm looking at like.

155

00:14:59.850 --> 00:15:05.370

Makenna Cerney: Creating it as like a biking market, so I have to look at like the finances and stuff like that so.

156

00:15:06.270 --> 00:15:08.490

Makenna Cerney: it's interesting but yeah.

157

00:15:08.610 --> 00:15:14.070

Bridget Lalonde: I don't know if I necessarily like by to class all the time, because where I live, right now, I live in crash.

158

00:15:14.130 --> 00:15:21.870

Bridget Lalonde: And like I'm a bio major so a lot of my classes are in rock but I had one in Dana so they're like super close.

159

00:15:22.440 --> 00:15:35.370

Bridget Lalonde: almost like would not be worth it for me to bike to class, but I would definitely if biking was like more of a thing, I think, I would like more like outside of campus like gone to the rail trail or, like other place.

160

00:15:35.400 --> 00:15:37.980

Makenna Cerney: or just to you like market street or.

161

00:15:38.040 --> 00:15:44.730

Makenna Cerney: yeah the freshman like just going to CVs or something like when I didn't have a car freshman year that was so tough.

162

00:15:45.060 --> 00:15:50.460

Makenna Cerney: yeah so I don't know if they could get to the I don't know you have to cross that road but.

163

00:15:50.760 --> 00:15:52.800

Bridget Lalonde: yeah that was that'd be kind of difficult.

164

00:15:54.450 --> 00:16:02.880

Makenna Cerney: All right, well that's all my questions, and I was perfect I try to keep them around 15 minutes um yeah Thank you so much.

165

00:16:03.570 --> 00:16:09.720

Makenna Cerney: I really appreciate it, and when my thesis will be done at the end of the year, so you could see if I quoted you in it.

RESPONDENT 7 DAVE KELLY

1

00:02:29.160 --> 00:02:29.550

Dave Kelley (he/him/his): Hello.

2

00:02:30.180 --> 00:02:30.810

Makenna Cerney: How are you.

3

00:02:31.500 --> 00:02:32.070

Dave Kelley (he/him/his): I'm fine.

4

00:02:32.760 --> 00:02:36.240

Makenna Cerney: Thank you so much for doing this it'll be really quick, but I.

5

00:02:36.510 --> 00:02:39.330

Makenna Cerney: really get it, I just need some more input and.

6

00:02:40.380 --> 00:02:42.480

Makenna Cerney: So it's great having a professor to so.

7

00:02:44.460 --> 00:02:46.260

Dave Kelley (he/him/his): I was talking to Jeff Snyder.

8

00:02:46.650 --> 00:02:52.680

Dave Kelley (he/him/his): A couple of weeks ago after I first answered your survey and he said that yeah it would probably be a good idea to get some faculty.

9

00:02:53.700 --> 00:02:54.180

Makenna Cerney: yeah.

10

00:02:54.330 --> 00:02:58.590

Makenna Cerney: yeah so I was just looking at your responses, but I just have.

11

00:02:59.700 --> 00:03:02.670

Makenna Cerney: Like a few questions, just to go through so.

12

00:03:04.200 --> 00:03:06.480

Makenna Cerney: I will start with, let me pull them up.

13

00:03:08.610 --> 00:03:14.790

Makenna Cerney: So basically I'm just to let you know I'm doing it in the economics department My thesis but I've been looking at biking on campus.

14

00:03:15.450 --> 00:03:28.530

Makenna Cerney: Ever since I went abroad, because I, it was so accessible, we had you know bike access everywhere, and I was like wow that would be so cool to have on campus so you know I just kind of brought it back and I've been talking with people.

15

00:03:29.550 --> 00:03:41.670

Makenna Cerney: And there's been a lot of different perspective so it's that's been really cool to talk about so you said in the also I need to let you know that this is recording.

16

00:03:42.900 --> 00:03:47.220

Makenna Cerney: So is it Okay, if I were to quote you in my thesis.

17

00:03:48.060 --> 00:03:52.410

Makenna Cerney: Sure it's all anonymous so it would just say like participant number four but.

18

00:03:52.770 --> 00:03:55.290

Dave Kelley (he/him/his): that's why I don't expect to see anything controversial.

19

00:03:55.470 --> 00:03:56.220

Makenna Cerney: me yeah.

20

00:03:57.600 --> 00:04:11.940

Makenna Cerney: Okay, so in the survey response you explain that bike boy university looked like it would look like it would have lots of trails to avoid roads also secure areas to lock bikes So these are all like very structural.

21

00:04:13.080 --> 00:04:20.130

Makenna Cerney: Things um So do you think that Bucknell is like lacking these things right now.

22

00:04:21.510 --> 00:04:28.590

Dave Kelley (he/him/his): um well yeah so Evan I think about you know what I, in theory, would like to be able to be able to back to campus.

23

00:04:28.680 --> 00:04:30.120

Makenna Cerney: A lot more often, the.

24

00:04:30.300 --> 00:04:33.300

Dave Kelley (he/him/his): thing that the things that keep me from doing it is.

25

00:04:34.560 --> 00:04:34.980

Dave Kelley (he/him/his): You know.

26

00:04:36.420 --> 00:04:45.450

Dave Kelley (he/him/his): Just worried about what's going to happen to my bike what's there you know, leaving it outside is not an option, I don't want it to get rained on I'm a little bit worried about security.

27

00:04:46.770 --> 00:04:49.560

Dave Kelley (he/him/his): So the few times I have written I.

28

00:04:50.640 --> 00:04:54.210

Dave Kelley (he/him/his): brought it in and locked it under a stairwell and I think somebody yelled at me once about.

29

00:04:54.780 --> 00:05:03.000

Dave Kelley (he/him/his): yeah um you know, some people, including me, you know just bring it into their office, but now my office really doesn't have room for it anymore so.

30

00:05:03.870 --> 00:05:05.370

Makenna Cerney: Like a little bit on campus.

31

00:05:06.330 --> 00:05:16.560

Dave Kelley (he/him/his): yeah I would say about the only probably only times I do it is during the summer, when there's when most people are gone and not many people are in the buildings either I cannot, I can just leave my bike out in the hall.

32

00:05:16.650 --> 00:05:18.030

Dave Kelley (he/him/his): And nobody really says anything.

33

00:05:19.170 --> 00:05:22.380

Dave Kelley (he/him/his): But, again, I just haven't done it very much because there's just not a lot of.

34

00:05:24.090 --> 00:05:28.680

Dave Kelley (he/him/his): It just doesn't feel like people want me doing that and, like I said I don't want to leave it outside.

35

00:05:29.010 --> 00:05:31.920

Dave Kelley (he/him/his): Right, because you know you always get that afternoon thunderstorm.

36

00:05:31.980 --> 00:05:37.650

Makenna Cerney: yeah um So what do you normally drive or you drive.

37

00:05:38.040 --> 00:05:39.030

Dave Kelley (he/him/his): A lot boys yeah.

38

00:05:40.020 --> 00:05:47.430

Makenna Cerney: And why do you think and are you kind of just had this little bit, but why do you think you drive mostly been biking is because of bike lanes or.

39

00:05:48.240 --> 00:05:53.790

Dave Kelley (he/him/his): Well yeah so yeah is mostly for those reasons I don't feel like there's a place, I can leave the bike.

40

00:05:55.350 --> 00:06:04.680

Dave Kelley (he/him/his): You know I don't know it's well, so I had those problems, you know back when I was really thinking about it, and then I just sort of throw up my hands and started driving.

41

00:06:05.310 --> 00:06:11.820

Dave Kelley (he/him/his): And I guess I haven't really thought about it, I you know now with the new buildings that have been constructed, there are some.

42

00:06:12.600 --> 00:06:20.280

Dave Kelley (he/him/his): There might be more facilities, I haven't really looked into it, but you know, especially still during the summer I could probably still ride to campus and that would be fine.

43

00:06:22.080 --> 00:06:24.810

Dave Kelley (he/him/his): During the school year you know when the weather's crummy.

44

00:06:26.160 --> 00:06:28.020

Dave Kelley (he/him/his): it's a lot harder and I just drive.

45

00:06:28.500 --> 00:06:29.430

Makenna Cerney: yeah the weather.

46

00:06:29.550 --> 00:06:33.480

Dave Kelley (he/him/his): I'm about I'm about a mile and a half, two miles from campus so.

47

00:06:34.530 --> 00:06:37.590

Dave Kelley (he/him/his): I would like to walk but it's a half at least half an hour each way.

48

00:06:38.010 --> 00:06:48.060

Makenna Cerney: yeah so biking is almost like a little better, so you just get their little quicker yeah so I don't know so the with parking on campus I know there's like lots of issues with that.

49

00:06:48.810 --> 00:06:55.740

Makenna Cerney: But they have made that the stickers so you know if you have like a northern campus sticker you can only park in a certain area.

50

00:06:57.030 --> 00:07:04.500

Makenna Cerney: So, would you like to see more restrictions like this on cars or is that something you think it's annoying or.

51

00:07:05.940 --> 00:07:09.240

Makenna Cerney: What do you think about that in order to encourage walking and biking on campus.

52

00:07:09.870 --> 00:07:10.590

Dave Kelley (he/him/his): Well, I think.

53

00:07:11.670 --> 00:07:14.910

Dave Kelley (he/him/his): I think that a lot of the people who work on campus.

54

00:07:16.470 --> 00:07:26.970

Dave Kelley (he/him/his): You know, are coming from long distances, you know, I think that there are a lot of people who live downtown, but there are a lot of people who live, you know as far as I do, or farther.

55

00:07:28.320 --> 00:07:35.820

Dave Kelley (he/him/his): And, and I think for a lot of them just you know bicycling for all the reasons I state is not practical and there's some people who just aren't going to do it, you know they just.

56

00:07:36.450 --> 00:07:45.450

Dave Kelley (he/him/his): I mean there's still I often don't do it when I have a do a class because I'm by the time I get to campus I'm often sweaty and I'm wearing nice clothes.

57

00:07:46.740 --> 00:07:52.800

Dave Kelley (he/him/his): So I mean that's a big deal, you know honestly say that this is probably not very popular with students.

58

00:07:53.280 --> 00:08:03.300

Dave Kelley (he/him/his): But you know the students live on campus for the most part or 90% of them do, and I really don't understand why they're allowed to park, you know just almost anywhere.

59

00:08:03.810 --> 00:08:11.970

Dave Kelley (he/him/his): I, I think, especially now that you know the management building has been constructed and we've lost so many parking spaces to construction.

60

00:08:12.510 --> 00:08:19.800

Dave Kelley (he/him/his): That they're going to have to push more the students to the periphery, because those of us, as I was going to say actually.

61

00:08:20.760 --> 00:08:29.700

Dave Kelley (he/him/his): You know the time issues is not an issue for bicycling I'm close enough where it's actually as fast for me to write into campus as it is to drive.

62

00:08:30.390 --> 00:08:38.220

Dave Kelley (he/him/his): Because if I ride my bike I can go straight up to my building and go in, if I drive, I have to park the car and then I still have a pretty long walk.

63

00:08:38.460 --> 00:08:40.650

Dave Kelley (he/him/his): yeah First, I have to find a place which can take.

64

00:08:40.740 --> 00:08:48.450

Dave Kelley (he/him/his): quite a bit of time and then, I have a long walk from wherever it is I part, yet all that up and it's almost no difference between that and dry and bicycling.

65

00:08:49.140 --> 00:08:57.720

Makenna Cerney: I was talking to a few girls on the track team, and they were saying how a lot of them drive to go to practice and I'm like that's so funny like your runners.

66

00:08:57.780 --> 00:08:58.710

Dave Kelley (he/him/his): you're an athlete yeah.

67

00:08:58.740 --> 00:09:05.070

Makenna Cerney: I mean come on very far, but I think it's just like a convenience thing, and I think again with the weather, you know.

68

00:09:06.900 --> 00:09:12.750

Makenna Cerney: But yeah no I think it's just crazy there's been so many people just driving for no reason.

69

00:09:13.620 --> 00:09:24.090

Dave Kelley (he/him/his): yeah I don't see why, if you live on one side of campus in your classes, on the other side driving takes longer because, by the time you find it plays the part you're walking anyway.

70

00:09:24.450 --> 00:09:25.200

Makenna Cerney: yeah mark.

71

00:09:25.770 --> 00:09:26.730

Dave Kelley (he/him/his): mark a long way away.

72

00:09:27.600 --> 00:09:42.960

Makenna Cerney: um so that brings me to the question one bucks so I've been talking a lot of people about this, because you brought up how sometimes if you're at a bike from home, you know yet really sweaty and that's like real life, like no one wants to.

73

00:09:44.190 --> 00:09:52.770

Makenna Cerney: So I'm also we have like the Hill, you know right next that you'll see So do you think if he bikes were brought to campus would this be something that you would use.

74

00:09:53.730 --> 00:10:00.930

Dave Kelley (he/him/his): No, I don't know um I think that's an interesting idea certainly worth a try because, yes, as you say that that takes.

75

00:10:01.650 --> 00:10:10.440

Dave Kelley (he/him/his): It takes that particular issue away, I mean you still have the issue where to store things and especially with an e bike or even worried more about corrosion um.

76

00:10:11.280 --> 00:10:17.880

Dave Kelley (he/him/his): But yeah that seems I mean if that's the that's the thing that's holding people back then, you know, we should we should try that.

77

00:10:18.690 --> 00:10:24.060

Makenna Cerney: um so where if they were brought the cameras were on campus do you think they should be located.

78

00:10:25.590 --> 00:10:27.000

Makenna Cerney: On campus yeah.

79

00:10:27.240 --> 00:10:27.900

Dave Kelley (he/him/his): Well, again.

80

00:10:28.290 --> 00:10:29.610

Makenna Cerney: This station of them so like.

81

00:10:29.700 --> 00:10:35.430

Dave Kelley (he/him/his): Oh state yeah well wherever it is, it needs a shelter So even if it's just a canopy or something.

82

00:10:36.930 --> 00:10:42.180

Dave Kelley (he/him/his): You know, because nobody wants nobody wants to sit on a wet seat or have to you know knock the snow off or.

83

00:10:42.180 --> 00:10:45.990

Dave Kelley (he/him/his): Whatever so I mean it seems to me that would be a bare minimum.

84

00:10:47.100 --> 00:10:51.210

Dave Kelley (he/him/his): You know fenders on the bike to keep the splash from you know, putting a stripe on your back.

85

00:10:51.510 --> 00:10:58.410

Dave Kelley (he/him/his): Right, you know um but yeah I mean, I think, I think that would be a solution for a lot of people yeah.

86

00:10:58.530 --> 00:11:06.450

Makenna Cerney: I mean it's interesting because, like I said abroad, they had we had a lot of like line scooters and they didn't have as many bikes but.

87

00:11:07.410 --> 00:11:16.620

Makenna Cerney: It was still we had the you know powered scooter or something and we use it all the time and I'm just thinking for freshmen that you know.

88

00:11:17.040 --> 00:11:33.540

Makenna Cerney: They don't have cars if they're going across campus or if that you could even bring it to like the rail trail maybe or just to CVs to pick up some things, but I just thought it would be an interesting idea and I don't know but everyone's most part, seems pretty intrigued by it.

89

00:11:34.140 --> 00:11:35.100

Dave Kelley (he/him/his): Where did you study abroad.

90

00:11:35.700 --> 00:11:36.690

Makenna Cerney: I was in Copenhagen.

91

00:11:37.140 --> 00:11:43.710

Makenna Cerney: Oh yeah okay so big biking there and the interesting part is it's obviously you know it's freezing there so.

92

00:11:44.760 --> 00:11:52.560

Makenna Cerney: But that didn't bother me, I mean everyone I biked every morning to class and everyone else did, and so I think it's a lot to do with them.

93

00:11:53.280 --> 00:12:03.030

Makenna Cerney: Like norms as well, like everyone else did it so therefore I felt like I wanted to, and I didn't I felt comfortable with it, I mean no one on campus really rides her bike to class so.

94

00:12:04.050 --> 00:12:06.090

Makenna Cerney: I don't think I don't think to ride my bike to class.

95

00:12:06.690 --> 00:12:09.600

Dave Kelley (he/him/his): I think it's also it's a cultural thing I mean people.

96

00:12:10.800 --> 00:12:15.360

Dave Kelley (he/him/his): didn't expect to be dressed to the nines all the time, you know worried and we could.

97

00:12:16.410 --> 00:12:19.230

Dave Kelley (he/him/his): ride more active or were more active friendly clothing.

98

00:12:20.730 --> 00:12:22.530

Dave Kelley (he/him/his): You know, then it wouldn't be such a big deal.

99

00:12:23.730 --> 00:12:25.890

Dave Kelley (he/him/his): You know, you could wear wicking shirts to.

100

00:12:27.120 --> 00:12:29.400

Dave Kelley (he/him/his): You know, everybody was okay with that and.

101

00:12:30.180 --> 00:12:32.250

Dave Kelley (he/him/his): yeah she was not a big deal.

102

00:12:33.300 --> 00:12:46.770

Makenna Cerney: um so that actually brings me to the other section so I'm also asking people on more like this societal environment so on the norms on campus so in do you think that it is cool to ride a bike at Bucknell.

103

00:12:48.210 --> 00:12:50.760

Dave Kelley (he/him/his): Oh well, sure why not, I mean.

104

00:12:52.290 --> 00:12:52.950

Dave Kelley (he/him/his): I mean I.

105

00:12:53.070 --> 00:12:55.530

Dave Kelley (he/him/his): know I see if somebody's riding a bike I say hey good for them.

106

00:12:55.650 --> 00:12:56.130

yeah.

107

00:12:57.390 --> 00:13:08.190

Makenna Cerney: um well I've been getting a lot of mixed answers, because some people are like yes, I think it is, but I just you know I don't I don't know how I don't know like where to start and then other people are like oh that's so weird you know.

108

00:13:08.670 --> 00:13:15.240

Makenna Cerney: going out on campus so just I would just say that I think I'm at an age where I'm the last person, you should ask about what's cool.

109

00:13:18.030 --> 00:13:19.770

Makenna Cerney: Well I'm glad you think it's cool.

110

00:13:19.830 --> 00:13:20.310

Makenna Cerney: Because I think.

111

00:13:20.430 --> 00:13:20.670

yeah.

112

00:13:21.810 --> 00:13:22.020

Dave Kelley (he/him/his): yeah.

113

00:13:22.470 --> 00:13:34.200

Makenna Cerney: And then, do you think that students and staff could be convinced a bike or do you think they're just always going to be stuck in this automobile centric idea of campus.

114

00:13:34.590 --> 00:13:41.610

Dave Kelley (he/him/his): yeah I think yeah I think there are some that you know are just they're not going to risk the discomfort or the inconvenience or the.

115

00:13:42.120 --> 00:13:53.400

Dave Kelley (he/him/his): perceived slowness of it, I mean they're always going to be something we're going to push back, but I think I think that you know the university could do a few things might cost a little money, but like I said, you know.

116

00:13:54.690 --> 00:13:57.990

Dave Kelley (he/him/his): You know if we could ensure security and shelter for the bikes.

117

00:13:59.070 --> 00:14:08.700

Dave Kelley (he/him/his): that's probably a you know, a big one for a lot of people, I think, though, you know when it's in when it's in the winter, when it's like this, not many people are going to be writing right.

118

00:14:09.300 --> 00:14:15.630

Dave Kelley (he/him/his): it's just too darn cold or when they're slush or you know it's we got the you know the mud season in March.

119

00:14:16.860 --> 00:14:24.720

Dave Kelley (he/him/his): People just aren't gonna ride but certainly you know, even if you can get people to ride on the nicer days I mean that's still.

120

00:14:26.010 --> 00:14:33.060

Dave Kelley (he/him/his): You know, helps our carbon footprint, you know cleans up the little bit makes those days, a little easier to park for those who do drive.

121

00:14:34.440 --> 00:14:52.860

Makenna Cerney: So yeah worth doing um and then I just asked everyone that I've spoken to just like proposing some like solutions, so one that I had was to kind of encouraged it to be more of a norm is to have like a bike to class day where we would have like bikes on campus.

122

00:14:54.000 --> 00:15:01.710

Makenna Cerney: You know available to students and if they wanted to participate, they could buy to class and then you know, once you see your friends doing it becomes more normal.

123

00:15:02.160 --> 00:15:14.280

Makenna Cerney: And then I talked to some other people someone came up with like an idea of a raffle So if you were to rent a bike you get putting a raffle you could win a prize so it's like more positive reinforcement rather than restricting like parking.

124

00:15:15.720 --> 00:15:31.140

Makenna Cerney: let's see and I like talk to a few engineers, they brought up like the hill they gave me, you know you could go up in a zigzag and have a path, rather than straight up so do you have any like solutions or things that you can think of that would encourage you to bike or maybe others.

125

00:15:33.300 --> 00:15:38.160

Dave Kelley (he/him/his): yeah I don't know that the raffle ideas is going to be enough of an incentive.

126

00:15:41.610 --> 00:15:42.990

Dave Kelley (he/him/his): You know, cold hard cash always work.

127

00:15:45.960 --> 00:16:01.140

Dave Kelley (he/him/his): yeah no I don't know um I think you know it's I mean if you want large numbers of people to do it, I think it's gonna be kind of a cultural thing and it's going to be a slow, but you know something that you, you keep pushing keep talking about.

128

00:16:02.520 --> 00:16:11.280

Dave Kelley (he/him/his): You know, continue to put out there, I think you know that works on me when I keep seeing you know flyers and people talking about something over and over again, I started to think about it more.

129

00:16:12.750 --> 00:16:14.250

Dave Kelley (he/him/his): And maybe I'll try this so.

130

00:16:14.400 --> 00:16:20.310

Dave Kelley (he/him/his): Right um you know it, so I don't think there's any one quick solution.

131

00:16:21.360 --> 00:16:35.340

Makenna Cerney: I think you're right well that's kind of what I've been like getting at it's like what what's, the issue is it the structural the physical environment, or is it you know just the norms on campus or do people like genuinely.

132

00:16:36.180 --> 00:16:37.170

Dave Kelley (he/him/his): I think an honest answer is.

133

00:16:37.410 --> 00:16:39.120

Dave Kelley (he/him/his): Easy this I mean it's a whole lot easier to get there.

134

00:16:39.120 --> 00:16:39.480

Car.

135

00:16:40.650 --> 00:16:40.890

Makenna Cerney: that's.

136

00:16:41.310 --> 00:16:52.770

Makenna Cerney: I'm trying to figure out, you know what was it I do the same thing I don't buy care, but when I was abroad, I did so yeah I don't know, maybe I was just more willing to try something new, then, but yeah.

137

00:16:53.100 --> 00:16:57.570

Makenna Cerney: I know it's been cool talking to people, because a lot of people have answered that they want to bike.

138

00:16:58.560 --> 00:17:11.190

Makenna Cerney: Like every day, or they want to bike to class like on like you know five out of the seven days of the week, but they just don't they don't even know where to get a bike or you know how or where to park it so.

139

00:17:11.760 --> 00:17:15.210

Makenna Cerney: To speak out, but I don't know I'm having fun with this, but.

140

00:17:16.020 --> 00:17:20.400

Makenna Cerney: Good um So those are all my questions is there anything that you thought of I didn't bring up.

141

00:17:22.140 --> 00:17:26.190

Dave Kelley (he/him/his): I can't think of anything I think you know, most of it, I put in the survey answers.

142

00:17:26.430 --> 00:17:26.940

Makenna Cerney: yeah.

143

00:17:27.030 --> 00:17:29.100

Dave Kelley (he/him/his): it's a tough nut to crack you know it's.

144

00:17:29.130 --> 00:17:33.960

Makenna Cerney: yeah I just want to figure it out, so I don't know Maybe you can make.

145

00:17:34.110 --> 00:17:36.210

Dave Kelley (he/him/his): Good you know it's good that people keep looking at it.

146

00:17:37.260 --> 00:17:47.370

Dave Kelley (he/him/his): Like I said I think it's just keep just keep going after it going after it going after it, and you know you get maybe two or three more people every year and then another three people or another 10 people.

147

00:17:47.820 --> 00:17:52.710

Dave Kelley (he/him/his): And over time, you know and 10 years there's hundreds of people doing it who didn't before.

148

00:17:52.950 --> 00:17:54.690

Makenna Cerney: Right and I progress.

149

00:17:54.780 --> 00:18:06.900

Makenna Cerney: I had I'm Rosalyn take the survey and his answers are actually like really interesting because he seemed to be really interested in that he bikes so I don't know I want, I want to talk to him about it and see what he thinks because.

150

00:18:07.170 --> 00:18:09.750

Dave Kelley (he/him/his): His present his case all he's got to do is walk I mean you know.

151

00:18:10.020 --> 00:18:10.380

yeah.

152

00:18:11.640 --> 00:18:19.260

Makenna Cerney: that's it yeah so I don't know but that's all I'm so thank you so much for helping me that was really helpful.

153

00:18:19.890 --> 00:18:22.740

Makenna Cerney: Sure, want to check out My thesis when it's done.

154

00:18:24.120 --> 00:18:27.420

Makenna Cerney: In the spring, but yeah Thank you.

155

00:18:28.590 --> 00:18:33.780

Dave Kelley (he/him/his): Good luck with that it's a worthy cause, I hope you have some success yeah I'm.

Participant 8

1

00:00:39.930 --> 00:00:40.470

Makenna Cerney: hi.

2

00:00:41.790 --> 00:00:42.540

Makenna Cerney: How are you.

3

00:00:43.140 --> 00:00:44.370

Sophie Bae: Good how are you.

4

00:00:44.700 --> 00:00:46.440

Makenna Cerney: i'm good Thank you so much for doing this.

5

00:00:47.220 --> 00:00:48.450

Sophie Bae: Oh yeah, of course.

6

00:00:49.350 --> 00:00:53.550

Makenna Cerney: um so it'll be really quick, it will take like 10 to 15 minutes.

7

00:00:54.750 --> 00:00:58.110

Makenna Cerney: I just need to let you know that it's being recorded and.

8

00:00:59.460 --> 00:01:01.620

Makenna Cerney: everything's like anonymous that i'm writing about so.

9

00:01:01.650 --> 00:01:04.890

Makenna Cerney: you'll just be like known as participants seven but.

10

00:01:04.950 --> 00:01:07.470

Makenna Cerney: I just want to make sure it's Okay, if I quote you or.

11

00:01:07.560 --> 00:01:09.210

Makenna Cerney: use any information okay.

12

00:01:09.510 --> 00:01:13.290

Makenna Cerney: Sure okay so um.

13

00:01:14.880 --> 00:01:19.470

Makenna Cerney: Let me just pull up the questions so you took the survey.

14

00:01:21.150 --> 00:01:22.920

Makenna Cerney: Okay i'm.

15

00:01:24.750 --> 00:01:31.440

Makenna Cerney: Okay, so I don't you don't have to recite exactly what you wrote um you probably don't remember a while ago but.

16

00:01:31.560 --> 00:01:32.880

Makenna Cerney: How would you define.

17

00:01:33.720 --> 00:01:38.760

Makenna Cerney: bicycle what a bankable Community or a bike will campus How does that look to you.

18

00:01:39.990 --> 00:01:44.790

Sophie Bae: I would probably say it's like the landscape like if there's less hills like it's easier to bike.

19

00:01:45.120 --> 00:01:48.510

Sophie Bae: And if it's like a safer environment where there's like less cars.

20

00:01:50.040 --> 00:01:55.650

Sophie Bae: it'd be easier to bike and I feel like most campuses where people bike is like bigger.

21

00:01:56.040 --> 00:02:03.420

Sophie Bae: it's like a bigger campus for like you have to like go from like a building to another building like and it takes too long to like walk.

22

00:02:05.820 --> 00:02:16.530

Makenna Cerney: Perfect so you so it's like a very like physical the physical environment liking, so how sensible things are that makes sense um okay so.

23

00:02:17.670 --> 00:02:21.180

Makenna Cerney: I can't remember what it what you're responding the survey, but do you bike on campus.

24

00:02:21.810 --> 00:02:25.290

Makenna Cerney: No i'm So could you see yourself biking.

25

00:02:26.850 --> 00:02:33.000

Sophie Bae: Probably not I don't think I plan on biking as of now.

26

00:02:33.900 --> 00:02:36.330

Sophie Bae: Just because, like it's like the hilt.

27

00:02:36.930 --> 00:02:41.970

Makenna Cerney: right but um but, in general, you like enjoy biking.

28

00:02:42.000 --> 00:02:44.580

Makenna Cerney: You do it like at home, maybe are like yeah.

29

00:02:45.210 --> 00:02:45.990

Makenna Cerney: yeah um.

30

00:02:47.250 --> 00:02:50.070

Makenna Cerney: Okay um so.

31

00:02:51.360 --> 00:02:58.140

Makenna Cerney: what's the main form of like transportation, do you drive do you walk, what do you normally, how do you get to class.

32

00:02:59.460 --> 00:03:01.830

Sophie Bae: To class I said normally walk.

33

00:03:02.340 --> 00:03:03.060

Sophie Bae: into like.

34

00:03:03.270 --> 00:03:05.880

Sophie Bae: downtown areas I would probably drive.

35

00:03:07.530 --> 00:03:11.220

Makenna Cerney: same way, I feel like I been driving a lot more recently.

36

00:03:12.660 --> 00:03:19.080

Makenna Cerney: um So do you think that there should be restrictions on driving.

37

00:03:20.280 --> 00:03:25.500

Makenna Cerney: To encourage walking or to encourage biking or is that something that you think is like annoying.

38

00:03:26.850 --> 00:03:43.950

Sophie Bae: I don't find like jack like any of the driving is annoying I just feel like maybe if there's like a speed limit that was like more like strict on campus, then it would make like a safer environment and people would feel more comfortable with just like walking around.

39

00:03:46.050 --> 00:03:54.150

Makenna Cerney: At yeah I like to ask people, because I know they did like a weird parking where like you can only parking like Northern campus you have of northern sticker.

40

00:03:54.510 --> 00:04:04.530

Makenna Cerney: So some people are like I think it's a good idea, and some people are like that's so annoying so i'm I mean i'm on a side, where I get a little bit annoyed with some of the parking restrictions so.

41

00:04:04.710 --> 00:04:15.570

Sophie Bae: yeah I would say, like there has to be they need to make more parking spaces, just because, like like there's no point and really like driving if, like you have to park, all the way over there, and like.

42

00:04:15.600 --> 00:04:16.530

Makenna Cerney: Work, oh no I agree.

43

00:04:16.920 --> 00:04:29.040

Makenna Cerney: I agree Okay, so that was just on general like behavior and attitude towards biking so the sections, a little bit more on the actual physical environment side, I know you mentioned before, like the hills are kind of bothersome.

44

00:04:30.060 --> 00:04:33.570

Makenna Cerney: But what are some like of the general infrastructure.

45

00:04:34.620 --> 00:04:41.880

Makenna Cerney: That could at bucknell that could be improved to make biking safer or more accessible, or more of an option.

46

00:04:43.950 --> 00:04:44.640

Sophie Bae: um.

47

00:04:46.170 --> 00:04:49.710

Sophie Bae: Maybe like places where you can leave leave your bikes.

48

00:04:51.390 --> 00:04:59.880

Sophie Bae: Because I don't think I see very many of them I know there's like one in front of like the olin Dana.

49

00:05:00.030 --> 00:05:04.230

Sophie Bae: is fine, but I think that's like the only one that I like know of.

50

00:05:04.740 --> 00:05:06.630

Sophie Bae: For yeah Parker Parker bike.

51

00:05:07.890 --> 00:05:24.450

Makenna Cerney: Right um okay so i'm just going to list a couple of things and just respond which one is the new look is the least important so which one out of all of these do you think is like, not a big deal.

52

00:05:24.750 --> 00:05:28.830

Makenna Cerney: Okay um okay so bike lanes like parking.

53

00:05:29.850 --> 00:05:37.350

Makenna Cerney: typography so like holiness verse flatness distance weather road safety or biking facilities.

54

00:05:39.330 --> 00:05:41.640

Sophie Bae: Probably biking facility.

55

00:05:42.480 --> 00:05:43.350

Makenna Cerney: Okay, why do you think that.

56

00:05:44.070 --> 00:05:50.610

Sophie Bae: If you like if it's like environment where like a lot of people bike, then you don't really care about like like biking facilities.

57

00:05:51.270 --> 00:05:55.200

Sophie Bae: Like like you get your own bike because everyone else like bikes around.

58

00:05:56.520 --> 00:06:12.960

Makenna Cerney: yeah I feel like most people have responded with that um so, would you be interested if there were a bikes on campus and let's say you could like access it with like your colleagues your bucknell like ID card or.

59

00:06:14.040 --> 00:06:19.770

Makenna Cerney: You just have them kind of like city bikes where they're like around and anyone can use them would that be something you'd be interested in.

60

00:06:21.120 --> 00:06:26.550

Sophie Bae: Maybe I would say depends on if I like if you're allowed to like us off campus.

61

00:06:26.850 --> 00:06:30.120

Sophie Bae: And you would probably bike off campus just because of like the landscape.

62

00:06:30.540 --> 00:06:34.440

Sophie Bae: yeah and maybe, just like go biking with my friends on like a weekend.

63

00:06:34.650 --> 00:06:36.540

Sophie Bae: yeah like downtown.

64

00:06:36.870 --> 00:06:38.940

Makenna Cerney: yeah like go to the rail trail something.

65

00:06:39.900 --> 00:06:54.720

Makenna Cerney: um Okay, so that was it on the physical environment, so this is just on general norms, do you think at bucknell specifically here that it's considered like cool to ride a bike or if you see someone biking or you're like oh they're weird.

66

00:06:56.490 --> 00:06:59.700

Sophie Bae: Few like I think like ooh that looks hard.

67

00:07:00.810 --> 00:07:03.960

Sophie Bae: Like if I see someone walking up the hill i'm like I feel bad for them.

68

00:07:04.260 --> 00:07:17.310

Makenna Cerney: Like I think that yeah um, but do you think it's like a norm on campus or do you like is, if you see someone biking does it strike you as like out of place, or is it.

69

00:07:17.850 --> 00:07:19.050

Makenna Cerney: Something you're like okay.

70

00:07:20.070 --> 00:07:27.570

Sophie Bae: I feel like like no one's really judgmental about like anyone biking on campus it's just not something that's like common.

71

00:07:27.720 --> 00:07:34.590

Makenna Cerney: Right exactly um if more people bike to so let's say if.

72

00:07:34.920 --> 00:07:35.370

Makenna Cerney: That was.

73

00:07:35.460 --> 00:07:42.360

Makenna Cerney: The most common form of transportation and everyone bike to class, do you think you would also bike or do you think you'd still.

74

00:07:42.360 --> 00:07:42.930

Sophie Bae: Oh, really.

75

00:07:43.230 --> 00:07:44.190

Sophie Bae: yeah yeah.

76

00:07:47.100 --> 00:08:01.500

Makenna Cerney: And do you think that students and staff could be persuaded to bike or do you think they are just stuck in like this automobile centric society or do you think that they could maybe like down the road be like I could bike.

77

00:08:02.730 --> 00:08:13.440

Sophie Bae: I feel like like it's hard to make biking like the main communication here at bucknell just because of like how the campus is formed.

78

00:08:13.710 --> 00:08:19.290

Sophie Bae: Right, well, I think, like it's definitely possible to make like biking like a hot like weekend thing.

79

00:08:19.620 --> 00:08:19.920

mm hmm.

80

00:08:20.970 --> 00:08:22.860

Makenna Cerney: yeah like rent it for like recreational.

81

00:08:22.980 --> 00:08:23.370

Sophie Bae: mm hmm.

82

00:08:23.790 --> 00:08:24.120

yeah.

83

00:08:26.250 --> 00:08:38.790

Makenna Cerney: Okay, and then the last section is just on proposed solutions, so a lot of people have talked about how they really like to bike and they want to bike but.

84

00:08:39.600 --> 00:08:47.340

Makenna Cerney: it's not really common on campus like you know they feel weird doing it, or they you know just don't really even know like where to start.

85

00:08:48.210 --> 00:09:03.090

Makenna Cerney: So one of my solutions is to have a bike to class day either wants her a couple times a semester, just to like get people used to it and then bikes would obviously be like accessible to everyone and it would just kind of make it more of a norm.

86

00:09:04.620 --> 00:09:07.950

Makenna Cerney: So would this be something that you would participate in, if we go back to classic.

87

00:09:09.000 --> 00:09:10.650

Sophie Bae: uh maybe.

88

00:09:12.090 --> 00:09:16.860

Sophie Bae: depends, I guess, if it's accessible like, if I can get a bike anywhere on campus.

89

00:09:17.040 --> 00:09:21.870

Sophie Bae: yeah um and it's not like an everyday thing and, like everyone else does it I would probably do it too.

90

00:09:23.340 --> 00:09:31.710

Makenna Cerney: um and then another thing was to it, rather than sorrow brought up like the parking and rather.

91

00:09:32.760 --> 00:09:48.570

Makenna Cerney: than having like a negative I guess enforcement where they take away parking spots, I was like Oh, we need a more positive reinforcement so someone brought up a the idea of like every time you rent a bike you get put in a raffle to like maybe when something.

92

00:09:49.620 --> 00:09:51.090

Makenna Cerney: Do you think that would work or do you think.

93

00:09:53.160 --> 00:09:53.370

Makenna Cerney: Like.

94

00:09:54.600 --> 00:09:56.910

Sophie Bae: That would definitely drop some people in yeah.

95

00:09:59.280 --> 00:10:10.350

Makenna Cerney: So, based on your own thoughts and how you feel about biking do you have any proposed solutions for what maybe would encourage you or.

96

00:10:12.300 --> 00:10:14.250

Makenna Cerney: Anything that would I don't know.

97

00:10:14.280 --> 00:10:15.780

Makenna Cerney: promote others to bike more.

98

00:10:17.010 --> 00:10:26.700

Sophie Bae: Why, I said a few like like even if you made bike like accessible on campus like it would be kind of hard to like make biking like normal everyday thing.

99

00:10:26.880 --> 00:10:46.020

Sophie Bae: Just because, like like going to classes is like like I don't know it's just kind of like like you have to go up the Hill and stuff, but I think um, if you like, made it more assess accepts accessible, you could probably like try to get people to do it on the weekends.

100

00:10:46.050 --> 00:10:47.100

Sophie Bae: Like yeah yeah.

101

00:10:47.790 --> 00:10:55.500

Makenna Cerney: that's a good idea I like I like are you being honest too, because sometimes i'm like what I really want to bike every day like probably not get sweaty.

102

00:10:56.010 --> 00:10:56.580

yeah.

103

00:10:57.690 --> 00:10:58.290

Makenna Cerney: um.

104

00:10:59.790 --> 00:11:05.100

Makenna Cerney: So those are basically all my questions is there anything in the survey or anything I brought up that.

105

00:11:06.300 --> 00:11:08.190

Makenna Cerney: made you think anything that we didn't talk about yet.

106

00:11:10.410 --> 00:11:18.300

Sophie Bae: No, I mean I never really liked considered biking on campus until like I saw the survey just because, like I don't see anyone else biking most of the times.

107

00:11:18.720 --> 00:11:19.590

Sophie Bae: yeah and like.

108

00:11:20.220 --> 00:11:27.840

Sophie Bae: Like things like that, but yeah it just really got me to like think about like Oh, I guess bucknell is not really a bike friendly like.

109

00:11:27.990 --> 00:11:35.970

Makenna Cerney: My dad so that's kind of what i'm like working on it's like it's a My thesis is actually in the economics department so i'm looking more at.

110

00:11:36.660 --> 00:11:46.290

Makenna Cerney: Creating like the biking market for it so like you know how it would be successful how I would get like the supply and demand, basically um.

111

00:11:46.800 --> 00:11:55.950

Makenna Cerney: So yeah that's i'm not you know it's it's interesting so i'm not necessarily like trying to get people to buy like a more looking at is it would it be successful.

112

00:11:56.580 --> 00:12:09.030

Makenna Cerney: um so yeah so that's why it's helpful with when people are like Oh, I totally like never buy her you know, whatever but yeah Those are all my questions, so thank you for that.

PARTICIPANT 9

1

00:00:20.820 --> 00:00:25.710

Makenna Cerney: um so just to confirm your senior correct.

2

00:00:26.130 --> 00:00:26.790

Correct.

3

00:00:28.440 --> 00:00:32.400

Makenna Cerney: Okay, so I just have to let you know that this is recording and that.

4

00:00:33.510 --> 00:00:40.770

Makenna Cerney: I use anything you say in my thesis it will all be anonymous but is that okay.

5

00:00:41.160 --> 00:00:41.580

yeah.

6

00:00:43.620 --> 00:00:52.650

Makenna Cerney: i'll just run through some questions and just answer honestly and this should take about 15 minutes.

7

00:00:53.790 --> 00:00:57.930

Makenna Cerney: So the first question, how would you define a bicycle campus.

8

00:00:58.710 --> 00:01:16.440

Olivia Florio: um that's really good question when I think of viable I think of just having access to, I guess, like bike lanes or just incorporating biking into students everyday lives as best as you can.

9

00:01:17.580 --> 00:01:20.130

Makenna Cerney: So it has a lot to do with the infrastructure.

10

00:01:20.520 --> 00:01:21.900

Olivia Florio: yeah certainly.

11

00:01:23.010 --> 00:01:23.760

Makenna Cerney: haven't.

12

00:01:24.270 --> 00:01:28.980

Makenna Cerney: So could you see yourself, or I guess to start off do you bike on campus ever.

13

00:01:29.610 --> 00:01:31.170

Olivia Florio: know, but I wish I could.

14

00:01:32.400 --> 00:01:39.780

Makenna Cerney: So you do you see yourself biking in the future let's say if there was like a change in infrastructure, or maybe a change in norms on campus.

15

00:01:40.410 --> 00:01:41.010

Olivia Florio: Definitely.

16

00:01:41.340 --> 00:01:42.600

Makenna Cerney: You can see yourself biking.

17

00:01:42.780 --> 00:01:52.800

Olivia Florio: yeah i'm one of few seniors that doesn't have a car, and so I really I walk everywhere, and I mean it would be such a great alternative to be able to bike.

18

00:01:55.950 --> 00:02:00.060

Makenna Cerney: So, you said you don't have a car, so do you walk mostly on campus.

19

00:02:00.300 --> 00:02:00.750

mm hmm.

20

00:02:02.220 --> 00:02:13.770

Makenna Cerney: Okay um, and this may not apply to you, but in general, do you think that there should be restrictions on cars, like, I know, in the past they've done.

21

00:02:15.150 --> 00:02:22.980

Makenna Cerney: Like the sticker where you can only park in certain areas is that something that like is annoying to you or do you think that's a good idea to encourage biking.

22

00:02:23.460 --> 00:02:36.690

Olivia Florio: I think it's a really good idea I feel like if people are annoyed by it, I just feel like there's not much Mary being annoyed by you know if there's bike lanes, especially because it's not like you'd be taking up a ton of parking spots.

23

00:02:37.320 --> 00:02:38.580

Olivia Florio: Right I would think.

24

00:02:39.780 --> 00:02:40.500

Makenna Cerney: um.

25

00:02:41.670 --> 00:02:43.920

Makenna Cerney: Okay, so that was all the questions on.

26

00:02:45.180 --> 00:02:48.360

Makenna Cerney: Just like your general behavior towards biking so.

27

00:02:50.100 --> 00:02:56.970

Makenna Cerney: Correct me if i'm wrong, but you like biking and you wish you would bike more, but you don't really on campus right now.

28

00:02:58.770 --> 00:03:02.190

Makenna Cerney: So these questions are focused on the built environment.

29

00:03:03.300 --> 00:03:13.530

Makenna Cerney: So just kind of the general infrastructure, so this could be like bike lanes signs parking grouse stuff like that So what are.

30

00:03:14.820 --> 00:03:20.880

Makenna Cerney: Some ways that the general infrastructure on campus could be improved to better safety.

31

00:03:21.660 --> 00:03:22.230

um.

32

00:03:24.330 --> 00:03:30.150

Olivia Florio: I would say, like I said earlier, more access to biplanes that are safe.

33

00:03:30.810 --> 00:03:34.680

Olivia Florio: I think a huge roadblock no pun intended.

34

00:03:35.970 --> 00:03:53.640

Olivia Florio: Is that people, even if you have bike lanes like, at least for me specifically I would want to make sure that they're safe, which I guess just comes with like, raising awareness that you know, we would have bike lanes and to for the drivers, just to be careful.

35

00:03:53.850 --> 00:03:54.180

Right.

36

00:03:55.440 --> 00:04:10.050

Makenna Cerney: Now um so that's interesting So do you think he talks a lot about safety, and like awareness, do you think that there should be like education for bikers, or like for drivers, maybe there could be like an optional, I guess, like meeting or like.

37

00:04:10.050 --> 00:04:11.130

Makenna Cerney: client yeah.

38

00:04:11.190 --> 00:04:13.170

Makenna Cerney: Definitely um.

39

00:04:13.470 --> 00:04:13.830

yeah.

40

00:04:14.880 --> 00:04:32.280

Makenna Cerney: Okay, so this question is i'm going to list a bunch of options just respond which one is the least important to encourage biking at bucknell so like something that you don't think it's that big of a deal and should be put towards like one of the last things we focus on.

41

00:04:33.780 --> 00:04:44.730

Makenna Cerney: So bike lanes bike parking typography so like holiness and flatness distance weather road safety and biking facilities.

42

00:04:47.040 --> 00:04:48.870

Olivia Florio: What do you mean biking facilities.

43

00:04:49.110 --> 00:04:55.050

Makenna Cerney: So, like this would be like crossing signals bike science biking separation.

44

00:04:55.650 --> 00:05:05.520

Olivia Florio: So, like, I mean all of them are, I would say, really, really important whether I guess because, even in cold weather, I would still bike I feel like most people would.

45

00:05:07.980 --> 00:05:09.990

Makenna Cerney: Okay, that a lot of people have said that.

46

00:05:11.430 --> 00:05:19.830

Makenna Cerney: um okay also, so this is like another kind of Section if he bikes were brought to campus do you think you would use them.

47

00:05:20.340 --> 00:05:21.780

Olivia Florio: yeah definitely.

48

00:05:23.010 --> 00:05:29.040

Makenna Cerney: um where on campus would you locate the I guess the Center where you would get them like.

49

00:05:30.240 --> 00:05:32.100

Makenna Cerney: have to charge would you.

50

00:05:33.180 --> 00:05:38.070

Makenna Cerney: put them like in the middle of campus outside or you can choose multiple locations.

51

00:05:38.910 --> 00:05:48.960

Olivia Florio: I kind of selfishly right now, I would say, like closer to downtown, but I would probably make more sense to keep it centralized so maybe even where the zip cars are.

52

00:05:49.440 --> 00:05:53.340

Makenna Cerney: Right that's where a lot of people said, especially because there's that hill right there.

53

00:05:53.430 --> 00:05:53.910

yeah.

54

00:05:57.750 --> 00:05:58.500

Makenna Cerney: Okay.

55

00:05:59.610 --> 00:06:05.520

Makenna Cerney: Okay, so that was the built environment section, and this is just the last one, this is just on general like norms on campus.

56

00:06:07.770 --> 00:06:23.280

Makenna Cerney: So these are kind of weird questions, but the point is to see like how comfortable, you are socially So do you think that it is considered cool to ride a bike on campus like if you saw someone does it stand out or are you like I don't know how do you feel about it.

57

00:06:23.670 --> 00:06:32.730

Olivia Florio: huh yeah I think that's probably also another roadblock is like people don't do it so it's less encouraged.

58

00:06:32.970 --> 00:06:33.930

Olivia Florio: Right um.

59

00:06:35.190 --> 00:06:38.640

Olivia Florio: I think I would feel like I stick out only because I would be one a few.

60

00:06:39.030 --> 00:06:50.100

Makenna Cerney: Right that's how I feel, because I think that's my biggest I guess like inhibitor as to why I don't because it's not on campus so you have to be really comfortable with yourself.

61

00:06:50.250 --> 00:06:53.370

Makenna Cerney: I know that, like you know no one's really judging what.

62

00:06:53.790 --> 00:06:56.280

Makenna Cerney: Right it definitely isn't a normal on campus.

63

00:06:57.840 --> 00:06:58.980

Makenna Cerney: So let's say.

64

00:07:00.960 --> 00:07:16.890

Makenna Cerney: It was like a couple years from now, and you were at bucknell still and it was I guess the mode of transportation changed and biking was the most common form of getting to class going to the grocery store, do you think that you would like, then.

65

00:07:17.580 --> 00:07:25.440

Makenna Cerney: Absolutely so um you think that, like societal norms have a big effect on how whether or not people bike.

66

00:07:25.770 --> 00:07:27.240

Olivia Florio: Unfortunately I do.

67

00:07:28.350 --> 00:07:30.990

Makenna Cerney: um so knowing this.

68

00:07:32.310 --> 00:07:50.100

Makenna Cerney: And, knowing that a lot of people do drive to class, and it is a very like automobile centric campus do you think staff and students could be persuaded to bike or do you think we're just stuck in this like auto centric kind of like creation.

69

00:07:50.130 --> 00:07:51.390

Olivia Florio: Of campus or do.

70

00:07:51.480 --> 00:08:08.280

Olivia Florio: You changed, I think it can absolutely be changed, I think they're just hasn't been push, which is why I really appreciate that you're doing this because I think you need just to generate that sort of support, it seems like you're trying to do here.

71

00:08:09.990 --> 00:08:21.870

Olivia Florio: But I think it's absolutely feasible, I think i'm not alone when I mean I don't know, but it seems like a lot of people in my position would be willing to make that change.

72

00:08:21.930 --> 00:08:29.340

Makenna Cerney: Right, so that leads me to the last section, and this is just on proposed solutions so like you said you think we just need a push.

73

00:08:30.090 --> 00:08:39.690

Makenna Cerney: Oh, one of the proposed solutions that i've come up with, especially for the norms on campus is to have a bike to class day, and this could be multiple times the Semester or once or.

74

00:08:40.140 --> 00:08:54.270

Makenna Cerney: Whatever, but it would just encourage everyone to kind of I guess see others going around campus and biking making it more accessible understanding how to get a bike if this was something available to students, would you participate.

75

00:08:54.540 --> 00:08:56.250

Olivia Florio: yeah definitely.

76

00:08:57.270 --> 00:09:00.030

Makenna Cerney: And so I can give you an example.

77

00:09:01.980 --> 00:09:14.940

Makenna Cerney: But what are some other proposed solutions for something that you struggle with or something in general that you think would encourage bikers so, for example, someone was just like.

78

00:09:16.890 --> 00:09:32.040

Makenna Cerney: I want a bike but there's not really an incentive, so if I was putting a raffle every time I rented a bike I, in order to get like a prize that might encourage me other said just like putting posters, so I know how and where to get a bike.

79

00:09:33.270 --> 00:09:37.140

Makenna Cerney: So, knowing what stops you what would encourage you are others.

80

00:09:37.620 --> 00:09:37.920

hmm.

81

00:09:39.000 --> 00:09:51.210

Olivia Florio: that's a good question, too, because I know you're trying to like we were saying generate more support for this, but for the people that maybe aren't incentivized to buy a bike.

82

00:09:52.380 --> 00:09:56.160

Olivia Florio: um yeah I guess providing some sort of incentive.

83

00:09:57.510 --> 00:09:59.550

Olivia Florio: Honestly, just raising awareness.

84

00:10:00.750 --> 00:10:02.550

Olivia Florio: I think, education is key.

85

00:10:05.190 --> 00:10:13.860

Olivia Florio: And I guess, just like on an individual level like being a trendsetter and being one of the water make that stuff.

86

00:10:14.550 --> 00:10:18.960

Makenna Cerney: Like so having like some people do it just so you know more people in the futures.

87

00:10:18.990 --> 00:10:24.780

Olivia Florio: See right I just think it takes a few bold souls to start it started a revolution.

88

00:10:25.020 --> 00:10:25.380

Olivia Florio: yeah.

89

00:10:25.530 --> 00:10:38.070

Makenna Cerney: I agree Okay, so that was all my questions and that's perfect that's around 10 minutes, but is there anything in the survey that you notice or anything I didn't bring up that you want to add.

90

00:10:39.120 --> 00:10:41.400

Olivia Florio: I don't think so, I think you covered all your bases.

91

00:10:42.570 --> 00:10:44.880

Makenna Cerney: Perfect Thank you so much.

92

00:10:45.270 --> 00:10:46.380

Olivia Florio: you're welcome Thank you.

PARTICIPANT 10

00:00:30.450 --> 00:00:30.900

Makenna Cerney: Hello.

2

00:00:36.600 --> 00:00:37.470

Makenna Cerney: Can you hear me fine.

3

00:00:37.920 --> 00:00:38.160

yeah.

4

00:00:39.330 --> 00:00:42.990

Makenna Cerney: Okay, so just to let you know this is being recorded so.

5

00:00:43.500 --> 00:00:44.760

Bryant Boswell: Anything you say can be.

6

00:00:45.360 --> 00:00:46.500

Makenna Cerney: In my.

7

00:00:46.860 --> 00:00:51.600

Makenna Cerney: Writing, but it is anonymous so you'll just be referred to as.

8

00:00:55.530 --> 00:00:56.640

Makenna Cerney: Whatever you are.

9

00:00:58.620 --> 00:01:01.710

Makenna Cerney: So just to confirm, are you a senior in campus.

10

00:01:02.850 --> 00:01:04.470

Bryant Boswell: I live downtown but yes.

11

00:01:05.880 --> 00:01:12.750

Makenna Cerney: Okay, so the first question, I would ask is how you define the term bankable.

12

00:01:20.070 --> 00:01:27.510

Bryant Boswell: Probably a terrain, where I don't have to get off my bike multiple times to go up a steep path.

13

00:01:30.510 --> 00:01:35.940

Makenna Cerney: So that that has a lot to do with just like I guess the topography so like the heaviness of campus.

14

00:01:36.330 --> 00:01:36.690

Yes.

15

00:01:38.220 --> 00:01:41.580

Makenna Cerney: Okay, so are you a biker on campus currently.

16

00:01:41.910 --> 00:01:42.240

No.

17

00:01:43.290 --> 00:01:44.460

Makenna Cerney: Do you enjoy biking.

18

00:01:47.340 --> 00:01:49.680

Bryant Boswell: or a pastime than like an activity.

19

00:01:51.450 --> 00:01:59.130

Makenna Cerney: Okay, so do you could you ever see yourself biking on campus let's say if they were to create bike paths and they were more common.

20

00:02:01.050 --> 00:02:02.340

Makenna Cerney: Or are you just not a biker.

21

00:02:02.640 --> 00:02:03.270

Bryant Boswell: I doubt it.

22

00:02:04.110 --> 00:02:04.440

Okay.

23

00:02:05.490 --> 00:02:06.030

Makenna Cerney: um.

24

00:02:07.560 --> 00:02:17.400

Makenna Cerney: Okay, so that's, just like the general behaviors and attitudes and just to get a quick understanding, but then this section is gonna be more on like the actual physical environment.

25

00:02:18.630 --> 00:02:34.110

Makenna Cerney: But the one question, I do have is so there have been in the past, restrictions on parking on campus to encourage walking Is this something that you think is a good idea, or do you think this is annoying and should we should get rid of.

26

00:02:35.010 --> 00:02:35.490

I think.

27

00:02:36.990 --> 00:02:43.170

Bryant Boswell: Due to the weather of central Pennsylvania, that is an ELA formed ill informed thing to do.

28

00:02:44.010 --> 00:02:49.380

Bryant Boswell: right because I mean you can't expect people to walk when the real feel is below zero.

29

00:02:50.040 --> 00:02:51.450

Makenna Cerney: Right, so I agree.

30

00:02:52.530 --> 00:03:04.950

Makenna Cerney: um Okay, so what ways, do you think the general infrastructure on campus and the surrounding bucknell campus area could be improved to specifically enhance the safety of biking.

31

00:03:05.970 --> 00:03:06.570

Bryant Boswell: i'm.

32

00:03:10.890 --> 00:03:20.070

Bryant Boswell: More or less like Tara form the campus so that there isn't such a steep incline like the the seventh street hill.

33

00:03:21.300 --> 00:03:21.600

Makenna Cerney: Right.

34

00:03:22.620 --> 00:03:23.010

Bryant Boswell: Because.

35

00:03:24.450 --> 00:03:28.650

Bryant Boswell: If you were to bike, the only way to get up hill is either to.

36

00:03:29.730 --> 00:03:37.260

Bryant Boswell: struggle up that hill or go all the way around towards the stadium and go up that less steep but still steep hill.

37

00:03:38.100 --> 00:03:38.430

Right.

38

00:03:40.830 --> 00:03:42.270

Makenna Cerney: Okay, so i'm going to list.

39

00:03:43.380 --> 00:03:48.060

Makenna Cerney: A couple of things and just respond which one is the least important.

40

00:03:49.230 --> 00:03:53.460

Makenna Cerney: To encourage biking up now so something that you just don't think matters.

41

00:03:54.690 --> 00:04:02.130

Makenna Cerney: bike lanes bike parking topography distance weather road safety and biking facilities.

42

00:04:11.340 --> 00:04:14.220

Bryant Boswell: bike lanes are probably more of a like.

43

00:04:15.630 --> 00:04:22.200

Bryant Boswell: I would, maybe put bike lanes as least important because that's kind of the last thing you do on that list.

44

00:04:22.830 --> 00:04:25.590

Makenna Cerney: Okay, so you think all the other ones are like prioritized over that one.

45

00:04:26.730 --> 00:04:27.000

Bryant Boswell: yeah.

46

00:04:27.840 --> 00:04:32.100

Makenna Cerney: And so, if he bikes are brought to campus would you use them.

47

00:04:35.850 --> 00:04:36.360

Bryant Boswell: Possibly.

48

00:04:38.190 --> 00:04:46.410

Makenna Cerney: Where do you think they should be stationed when you can say multiple areas depending on like where on campus most people would find them accessible.

49

00:04:47.550 --> 00:04:50.520

Bryant Boswell: near dorm buildings and like student living areas.

50

00:04:51.960 --> 00:04:53.790

Makenna Cerney: So, like a pale downhill.

51

00:04:54.210 --> 00:04:54.690

Both.

52

00:04:55.800 --> 00:05:00.600

Bryant Boswell: Student apartments and then the freshman dorms and freshman and sophomore dorms.

53

00:05:01.380 --> 00:05:02.670

Makenna Cerney: What about like the mods.

54

00:05:04.770 --> 00:05:06.990

Bryant Boswell: yeah, it goes without saying that employees to.

55

00:05:08.190 --> 00:05:11.280

Bryant Boswell: kind of any place where like there is student housing.

56

00:05:13.260 --> 00:05:18.780

Makenna Cerney: And do you think just traditional by parking like bike racks should be putting the same spots.

57

00:05:19.440 --> 00:05:19.740

yeah.

58

00:05:22.830 --> 00:05:38.130

Makenna Cerney: Alright, so that was just on like biking facilities and general infrastructure, this is more on norms on campus So do you think it's considered cool to ride a bike or do you think it's socially unacceptable at bucknell.

59

00:05:39.690 --> 00:05:40.290

Bryant Boswell: mean different.

60

00:05:42.150 --> 00:05:43.650

Bryant Boswell: I don't think I really have a stance on it.

61

00:05:45.000 --> 00:05:53.010

Makenna Cerney: So, like do yourself if you were to ride a bike to class, would you feel comfortable doing that, or do you would you feel like you'd be judged or like would it be awkward.

62

00:05:53.580 --> 00:06:03.420

Bryant Boswell: I don't think so I just think that biking is a means of transportation and around here is not a thing it's more of a leisure activity.

63

00:06:04.200 --> 00:06:04.500

Right.

64

00:06:05.520 --> 00:06:20.610

Makenna Cerney: um so let's say that the most common form of transportation was biking on campus and instead of walking or driving everyone back to class, would you participate in that or do you think you would still like and walk.

65

00:06:21.510 --> 00:06:34.860

Bryant Boswell: And I don't know phil you depend on on other factors, but like in the state of it is now, like the state of like campus geography geography, is the main issue for me the topography.

66

00:06:36.120 --> 00:06:36.450

Makenna Cerney: Right.

67

00:06:37.710 --> 00:06:42.150

Makenna Cerney: And then, do you think so right now.

68

00:06:43.860 --> 00:06:46.020

Makenna Cerney: Clearly campus is a very like.

69

00:06:46.380 --> 00:07:04.140

Makenna Cerney: I guess automobile centric campus where people do drive a lot, so do you think that this is always going to be the way it is or do you think people can be persuaded to kind of change how campus is viewed and create more of a bike Center campus.

70

00:07:05.100 --> 00:07:12.660

Bryant Boswell: I doubt it because the weather, four months, four or five months out of the year to be.

71

00:07:14.820 --> 00:07:26.250

Bryant Boswell: inconvenient to like being a bike like if you were addressing like driving a car is convenient because you have like a heater and everything like your car's climate controlled.

72

00:07:27.570 --> 00:07:30.480

Makenna Cerney: Right, so that was also a huge factor.

73

00:07:30.660 --> 00:07:31.260

Bryant Boswell: yeah like.

74

00:07:31.470 --> 00:07:31.830

Okay.

75

00:07:33.450 --> 00:07:45.690

Makenna Cerney: So um the last section is just on proposed solutions, so one of the ones that i've been discussing is just so a lot of people have come to say that.

76

00:07:47.010 --> 00:07:51.450

Makenna Cerney: One of the main reasons they don't bike is just because it's not really normal on campus and.

77

00:07:52.500 --> 00:08:03.330

Makenna Cerney: They want to, but it's just most people walk and so that's just what they're used to so one of the proposed solutions is to come up with a bike to class day just to encourage campus to become like.

78

00:08:04.290 --> 00:08:11.370

Makenna Cerney: It to become more normalized if that were if that were to happen, would you participate in the bank deposit.

79

00:08:12.690 --> 00:08:14.700

Bryant Boswell: i'm probably not honestly.

80

00:08:15.900 --> 00:08:17.730

Makenna Cerney: Just because you're used to walking and.

81

00:08:18.480 --> 00:08:25.350

Bryant Boswell: um yeah just because i'm used to walking and I think campus is small enough to where i'm.

82

00:08:27.630 --> 00:08:33.600

Bryant Boswell: Like it's easier to walk rather than deal with the hassle of storing a bike and.

83

00:08:33.960 --> 00:08:35.490

Bryant Boswell: ride off of it.

84

00:08:36.450 --> 00:08:42.150

Makenna Cerney: Okay um so you for your own sake i'm.

85

00:08:43.530 --> 00:08:47.490

Makenna Cerney: knowing what stops you from biking what are some proposed.

86

00:08:47.490 --> 00:08:49.260

Makenna Cerney: solutions that would encourage.

87

00:08:49.410 --> 00:08:52.350

Makenna Cerney: Specifically yourself to bike if there are any.

88

00:09:01.800 --> 00:09:14.850

Bryant Boswell: School were to go full on and this idea i'd probably be beneficial to have the school sell bikes at a like cheap cost to where people would.

89

00:09:16.140 --> 00:09:18.390

Bryant Boswell: Like see no reason not to buy a bike.

90

00:09:19.020 --> 00:09:36.030

Bryant Boswell: And then have obviously if it's readily available if bikes are just like in your face, then people are going to buy a bike and get it, because nobody's gonna when people are moving in nobody's gonna have a bike on top of all the other stuff that they're bringing.

91

00:09:37.050 --> 00:09:37.770

Makenna Cerney: Right yeah.

92

00:09:37.830 --> 00:09:38.280

Makenna Cerney: No that's.

93

00:09:39.960 --> 00:09:40.800

Makenna Cerney: that's a good point.

94

00:09:42.870 --> 00:09:44.790

Bryant Boswell: Okay, so those are all my questions.

95

00:09:46.500 --> 00:09:52.170

Makenna Cerney: um do you do, you have anything else that I didn't ask for anything you notice in the survey that you want to talk about.

97

00:09:56.400 --> 00:10:04.500

Makenna Cerney: All right, well that's it Thank you so much for doing this, I was supposed to be around 10 minutes and I was exactly two minutes so that's perfect all right, thank you.

PARTICIPANT 11

1

00:00:27.300 --> 00:00:27.810

David Yoder: Hello.

2

00:00:29.190 --> 00:00:29.820

Makenna Cerney: hi.

3

00:00:30.840 --> 00:00:31.650

David Yoder: what's up.

4

00:00:32.850 --> 00:00:40.230

Makenna Cerney: Okay, so I need to inform you that this is recording and that anything you say I can use My thesis.

5

00:00:41.610 --> 00:00:50.100

Makenna Cerney: But it's all going to be anonymous so you'll just be referred to as like participant whatever number, you are, but I just need to make sure that's okay with you.

6

00:00:50.580 --> 00:00:51.510

David Yoder: yep sounds good.

7

00:00:52.710 --> 00:00:57.270

Makenna Cerney: Okay, so just to confirm, you are a junior on campus this.

8

00:00:57.870 --> 00:00:58.470

Yes.

9

00:00:59.640 --> 00:01:06.600

Makenna Cerney: And OK so just pulling up what you put in the survey okay you don't have to.

10

00:01:07.770 --> 00:01:12.510

Makenna Cerney: say exactly how what you wrote in the survey, but how would you define the term viable.

11

00:01:14.130 --> 00:01:21.030

David Yoder: An area that comfortably allows people riding bikes to to travel on.

12

00:01:22.170 --> 00:01:27.030

Makenna Cerney: Okay, so does that have to do with like infrastructure or like silliness or both.

13

00:01:27.540 --> 00:01:35.940

David Yoder: I would think of it from like an infrastructure standpoint like allowing enough road space for people to comfortably travel on bike.

14

00:01:38.100 --> 00:01:42.030

Makenna Cerney: And so, do you currently bike like are you a biker.

15

00:01:43.080 --> 00:01:47.280

David Yoder: I ride, like the stationary bike but don't bike around campus or.

16

00:01:47.310 --> 00:01:47.550

Okay.

17

00:01:49.140 --> 00:01:51.390

Makenna Cerney: um could you see yourself making applicable in the future.

18

00:01:51.840 --> 00:01:56.100

David Yoder: I could yeah i've i've done in the past, just kind of for fun with friends and.

19

00:01:56.190 --> 00:01:57.780

David Yoder: Just enjoyed the experience.

20

00:01:58.980 --> 00:02:02.520

Makenna Cerney: And so, do you normally walk or do you drive what's your.

21

00:02:03.000 --> 00:02:05.130

David Yoder: Night typically drive I drive.

22

00:02:05.190 --> 00:02:08.700

David Yoder: To class and and to get food and yeah.

23

00:02:09.210 --> 00:02:13.290

Makenna Cerney: So why do you think you normally drive just convenience or.

24

00:02:13.710 --> 00:02:15.510

David Yoder: yeah we go with convenience yeah that's.

25

00:02:15.570 --> 00:02:20.850

David Yoder: The quickest way to get from A to B and when you're busy it's it's pretty convenient yeah.

26

00:02:22.170 --> 00:02:23.610

Makenna Cerney: um does it have to do with the weather.

27

00:02:25.740 --> 00:02:32.370

David Yoder: Will that that's one thing right, you can drive in any weather, whereas there are certain days you wouldn't want to be on a bike so that's probably part of that.

28

00:02:34.890 --> 00:02:44.400

Makenna Cerney: So, being a driver I know they made some restrictions on campus where, if you have a like a northern parking sticker you can only park in the north.

29

00:02:44.850 --> 00:02:53.910

Makenna Cerney: I don't know if they're still doing that they've done it in the past, but do restrictions like these, do you think they're beneficial to encourage walking and biking or do you think they're like really annoying.

30

00:02:54.930 --> 00:02:57.810

David Yoder: I can see them working actually to promote biking.

31

00:02:58.920 --> 00:03:05.790

David Yoder: But for those students who are dead set on on driving I would probably see them as a new Simpson just complicating matters.

32

00:03:07.080 --> 00:03:08.940

Makenna Cerney: Right, I think they're really annoying.

33

00:03:10.530 --> 00:03:27.150

Makenna Cerney: um Okay, so that was just on like your general behavior and attitudes towards biking, and this is going to be more on like General infrastructure, so what ways on campus that you can think of, can the infrastructure be improved to better the safety.

34

00:03:28.680 --> 00:03:32.820

David Yoder: um that's a good question, I would, I guess, maybe.

35

00:03:34.080 --> 00:03:42.390

David Yoder: Like like a space on the road, like like a but there's like sidewalks allowing people to bike so maybe added sidewalks would would encourage.

36

00:03:42.600 --> 00:03:42.840

Right.

37

00:03:44.160 --> 00:03:46.350

Makenna Cerney: yeah just to like separate from the cars.

38

00:03:46.830 --> 00:03:47.160

Right.

39

00:03:48.390 --> 00:03:48.960

Makenna Cerney: and

40

00:03:49.980 --> 00:04:00.390

Makenna Cerney: OK so i'm going to list a bunch of things just respond which one is the least important to encourage biking so like the last, the last thing we should focus on.

41

00:04:01.830 --> 00:04:12.000

Makenna Cerney: So bike lanes bike parking topography, so I Kelly heaviness vs minus distance weather road safety and Viking facilities.

42

00:04:13.980 --> 00:04:21.720

David Yoder: i'm probably weather just because it it's like you can't control it, I would say that's probably the least or maybe it's a pot yeah.

43

00:04:23.190 --> 00:04:27.840

Makenna Cerney: yeah that's those are what most people have been saying just because it's like out of control, out of your control.

44

00:04:27.960 --> 00:04:28.650

David Yoder: Right right.

45

00:04:30.090 --> 00:04:35.100

Makenna Cerney: um Okay, so if he bikes were brought to campus would this be something that you would use.

46

00:04:35.760 --> 00:04:37.230

David Yoder: He bikes is an electronic bikes.

47

00:04:37.620 --> 00:04:44.610

David Yoder: yep I definitely give them a shot but part of me likes the idea of actually having to work to like.

48

00:04:45.660 --> 00:04:49.170

David Yoder: To like care like travel travel around like so.

49

00:04:50.040 --> 00:04:51.360

David Yoder: But now just give them a shot.

50

00:04:51.840 --> 00:04:54.780

Makenna Cerney: What about like the Hillary Hillary spots on campus, though.

51

00:04:55.740 --> 00:05:01.230

David Yoder: What do you want all right right that's where he bike would def actually you know I would really I would enjoy using anybody.

52

00:05:01.290 --> 00:05:01.860

David Yoder: That would be fun.

53

00:05:02.640 --> 00:05:17.250

Makenna Cerney: And so, if we did bring a bikes to campus there obviously they're going to have it need a place where they need to charge or have like a general area to have like covered over them Where would you put this area, and you can name multiple spots.

54

00:05:18.930 --> 00:05:25.230

David Yoder: The first one that comes to mind is somewhere where they do the zip cars it's like on near the llc.

55

00:05:26.640 --> 00:05:35.910

David Yoder: If they had charging stations there I think it's like right in the Center of campus that would be pretty convenient for allowing the widest number of people to access them I go.

56

00:05:36.960 --> 00:05:39.420

Makenna Cerney: yeah exactly that's like pretty central to.

57

00:05:42.930 --> 00:05:48.450

Makenna Cerney: Okay, and then this section is just on the general norms on campus.

58

00:05:50.160 --> 00:05:57.030

Makenna Cerney: And I guess how people perceive biking. So do you think in general now it's considered cool to ride a bike around campus.

59

00:05:57.750 --> 00:06:04.530

David Yoder: um honestly I don't I don't see enough people biking to even to even know what the consensus on that would be.

60

00:06:05.100 --> 00:06:07.140

David Yoder: But I don't think it's frowned upon I definitely think.

61

00:06:07.290 --> 00:06:13.980

David Yoder: I think I respect people who are biking around campus so yeah I think it's probably seen as cool if anything.

62

00:06:14.490 --> 00:06:18.210

Makenna Cerney: So if you yourself were to bike to class, would you feel comfortable doing that.

63

00:06:18.900 --> 00:06:19.950

David Yoder: yeah I would definitely.

64

00:06:20.580 --> 00:06:24.240

Makenna Cerney: Okay, and so.

65

00:06:25.440 --> 00:06:26.160

Makenna Cerney: and

66

00:06:27.390 --> 00:06:29.190

Makenna Cerney: And so I guess you kind of answered this question.

67

00:06:30.210 --> 00:06:42.120

Makenna Cerney: But just to ask it again, I guess, if the most popular mode of transportation was biking instead of walking or driving, would you be a biker instead of driving.

68

00:06:42.870 --> 00:06:54.060

David Yoder: yeah I think I would be I think part of right to go back on your other question I think it is probably seen as a little strange to ride a bike to class which which makes me think maybe I wouldn't be.

69

00:06:54.540 --> 00:07:02.220

David Yoder: Totally comfortable riding a bike to class, but if everyone were if that was the main the most popular form of transportation i'd be much more likely to pick up a book.

70

00:07:02.790 --> 00:07:03.090
Right.

71

00:07:04.110 --> 00:07:12.960

Makenna Cerney: Okay, so that was just i'm on the general like norms on campus Oh, I guess, I get asked one more question on that.

72

00:07:14.580 --> 00:07:27.210

Makenna Cerney: So I guess campus right now is considered like a very automobile Center campus everyone mostly does have a car here, and it is like accessible to drive to class and there are spots located everywhere to park.

73

00:07:28.290 --> 00:07:41.580

Makenna Cerney: Do you think that, over time, that campus could be turned into a bike Center campus and students and staff could be convinced to bike or do you think we're just stuck in this automobile.

74

00:07:42.750 --> 00:07:43.320

Makenna Cerney: centric.

75

00:07:45.600 --> 00:07:54.330

David Yoder: Honestly, I would lean towards the automobile central campus just because I need to have to think of multiple incentives to.

76

00:07:54.390 --> 00:07:56.520

David Yoder: get people to switch from cars to bikes.

77

00:07:57.030 --> 00:08:05.040

David Yoder: But a good start, like if if they put a bikes on campus and kind of normalized writing it of any form of bicycle the class, I can see that.

78

00:08:05.670 --> 00:08:16.650

David Yoder: kind of taking taking like like inspiring change and getting people to more willing to bike but I don't see it ever becoming a main so it's I think the automobiles little.

79

00:08:19.500 --> 00:08:23.970

Makenna Cerney: Okay, so then just my last question it's just 10 proposed solutions so.

80

00:08:25.140 --> 00:08:41.160

Makenna Cerney: One of mine is to have either once or a couple times during the Semester to have a bike the cloth edge to get people I guess like to create kind of this normalized version, where you see other people biking and then also to.

81

00:08:42.690 --> 00:08:51.030

Makenna Cerney: introduce the idea of like renting a bike so people understand where to go if this were if we were to have a bike to class day, would you participate in it.

82

00:08:51.480 --> 00:08:52.290

David Yoder: yeah I definitely would.

83

00:08:54.090 --> 00:08:59.760

Makenna Cerney: So, knowing yourself and knowing if your friends, what do you have any proposed solutions just.

84

00:09:00.840 --> 00:09:03.390

Makenna Cerney: That would make you buy more or make your friends my form.

85

00:09:04.110 --> 00:09:07.290

David Yoder: I think what you mentioned having a bike to class day would definitely.

86

00:09:07.860 --> 00:09:18.930

David Yoder: be a way of getting myself and others more comfortable with writing and back to class and kind of normalizing what it looks like to bike around campus, so I think that's a great idea I would definitely participate and, hopefully, that would work.

87

00:09:20.550 --> 00:09:24.930

Makenna Cerney: Okay cool that was only questions is there anything that we didn't talk about that you want to add.

88

00:09:25.920 --> 00:09:26.880

David Yoder: No, I think i'm all set.

PARTICIPANT 12

1

00:00:30.900 --> 00:00:31.440

Makenna Cerney: hi.

2

00:00:34.080 --> 00:00:37.860

Makenna Cerney: So I just have to inform you that this is recording.

3

00:00:38.160 --> 00:00:44.130

Makenna Cerney: Okay um so anything you say I can use my pieces, but it will all be anonymous.

4

00:00:44.370 --> 00:00:44.670

meaghan shewbrooks: Okay.

5

00:00:44.970 --> 00:00:47.820

Makenna Cerney: Well we'll just be referred to as our participants.

6

00:00:48.630 --> 00:00:50.430

Makenna Cerney: cool okay so.

7

00:00:51.780 --> 00:00:52.500

Makenna Cerney: um.

8

00:00:54.030 --> 00:00:55.680

Makenna Cerney: is put my questions.

9

00:00:57.300 --> 00:01:01.710

Makenna Cerney: Okay, so how would you define the term baikal in your eyes.

10

00:01:02.430 --> 00:01:03.450

baikal.

11

00:01:05.940 --> 00:01:10.140

meaghan shewbrooks: I think if you're referring to roads and an area.

12

00:01:11.310 --> 00:01:17.340

meaghan shewbrooks: Honestly, what I think of triage I like cities, because I live near Philadelphia so bike lanes.

13

00:01:17.790 --> 00:01:32.400

meaghan shewbrooks: As what I think of as bankable like something with a clear path is able to have enough space in order for you to maneuver and have safety regulations in place in order to make it safe for those who are biking is what I would probably consider bankable.

14

00:01:32.400 --> 00:01:37.560

Makenna Cerney: So you're to it has a lot to do a safety and like infrastructure and like accessibility in that.

15

00:01:38.040 --> 00:01:51.990

Makenna Cerney: Yes, okay um so i'm just going to the first couple questions or just on your general like I guess attitudes towards biking to see like what type of person, you are so do you enjoy biking.

16

00:01:52.470 --> 00:01:52.920

I do.

17

00:01:54.000 --> 00:01:56.220

Makenna Cerney: Would you do you ever bike on campus.

18

00:01:57.300 --> 00:02:01.290

meaghan shewbrooks: No, because I don't have a bike and I also have my car.

19

00:02:01.350 --> 00:02:01.680

Makenna Cerney: which I.

20

00:02:02.040 --> 00:02:02.280

Like.

21

00:02:03.600 --> 00:02:10.710

meaghan shewbrooks: I mean I use the bike in the gym if you want to consider is biking but if you're talking about around campus I don't actually bike around campus.

22

00:02:11.370 --> 00:02:17.700

Makenna Cerney: um So do you mostly walk to class or drive to class what's your mode of transportation.

23

00:02:17.940 --> 00:02:33.120

meaghan shewbrooks: In a normal year I will walk to class at the current moment I don't have any classes in person, so I am not moving anywhere, most of the day, but if I am trying to get from one point to another, most of the time, I will walk if it's bad weather, I will drive.

24

00:02:34.080 --> 00:02:35.640

Makenna Cerney: Okay um.

25

00:02:36.660 --> 00:02:49.200

Makenna Cerney: Do you think that there should be any restrictions on like parking on campus for drivers in order to encourage biking or is that something that is really annoying and you think we shouldn't go there.

26

00:02:50.070 --> 00:02:56.940

meaghan shewbrooks: Well, I think, with the campus's goal of being carbon neutral by a certain point in time, I can't remember exactly what year it is.

27

00:02:57.960 --> 00:03:09.030

meaghan shewbrooks: I think they should kind of limit the amount of cars, they have on campus probably and like maybe build a parking garage so we all can put our cars in one central location and then like have.

28

00:03:09.660 --> 00:03:19.980

meaghan shewbrooks: I think of those like pillars that are in front of the stadium to keep cars from getting through, and they have them by Chris, I think, to the bigger like submit proposals that are you can get them out and put them back in.

29

00:03:20.400 --> 00:03:28.530

meaghan shewbrooks: yeah, but I think having that and then would probably help with like the walkability on campus I feel like it's hard because lewisburg as a city.

30

00:03:28.980 --> 00:03:43.680

meaghan shewbrooks: Like market street and then den more avenue and seven street or like kind of bigger roads for just even the normal talents people to get in and out of certain locations, so that makes it kind of hard.

31

00:03:44.730 --> 00:03:55.800

meaghan shewbrooks: Maybe just keeping those roles, open and then the smaller like den drive could be cut off for like in between the senior apartments and crass and, like those roads up by the library.

32

00:03:56.610 --> 00:04:04.290

meaghan shewbrooks: I feel like it's, it is difficult because we live in a town and like it's a college town to their people like that me to get through.

33

00:04:05.310 --> 00:04:18.510

meaghan shewbrooks: But I think if we're trying to really limit the carbon like usage, it would be helpful to like make us like have to not drive, because I think a lot of kids do drive to like the lc.

34

00:04:18.840 --> 00:04:21.810

meaghan shewbrooks: Right other areas on campus just because they don't feel like walking.

35

00:04:22.020 --> 00:04:27.390

Makenna Cerney: And you want to like encourage people to walk we'd also don't want to make it so that it's a hassle.

36

00:04:27.600 --> 00:04:28.500

meaghan shewbrooks: Yes, exactly.

37

00:04:29.400 --> 00:04:45.930

Makenna Cerney: Okay, so, then this section is just on the built environment, so the like I guess general infrastructure So how could the infrastructure at bucknell be improved to better, specifically the safety when you're biking.

38

00:04:46.950 --> 00:05:06.090

meaghan shewbrooks: i'm probably inputted lanes for people who are biking, whether that be on the walking paths that we have already and like widening them to add bike lanes or on the roads, I feel like we just have so much parking on things like more avenue where like they definitely probably could.

39

00:05:07.110 --> 00:05:17.490

meaghan shewbrooks: add a bike lane, that would be better because, like as a driver on campus it is kind of scary on like seven street when there are bikers and other people, whether they're writing their electric little scooters.

40

00:05:17.550 --> 00:05:18.630

Makenna Cerney: or whatever it may be.

41

00:05:19.200 --> 00:05:23.340

meaghan shewbrooks: Because i'm afraid to hit them because of the parking on like the parallel parking on that road.

42

00:05:24.630 --> 00:05:37.470

meaghan shewbrooks: So I feel like adding bike lanes, maybe limiting the driving on campus and like cutting off certain streets and being like these are the mains bosses students need to go, whether be up to the quad by the library and having that kind of be a.

43

00:05:39.180 --> 00:05:42.210

meaghan shewbrooks: Point where cars aren't allowed to pass anymore.

44

00:05:42.570 --> 00:05:48.300

Makenna Cerney: Someone else mentioned that too that's kind of like when I was abroad, like where those stores where.

45

00:05:48.420 --> 00:05:55.950

Makenna Cerney: You control the central part of Copenhagen, it was you could access it by car, but it was much harder.

46

00:05:56.190 --> 00:05:56.460

meaghan shewbrooks: yeah.

47

00:05:56.550 --> 00:05:58.260

Makenna Cerney: that's something that we could consider to.

48

00:05:58.320 --> 00:06:06.390

meaghan shewbrooks: yeah Grenada same way, like there are streets that are very, very small and normally only walkable they have more cobblestone yet I type streets.

49

00:06:06.780 --> 00:06:19.260

meaghan shewbrooks: That kind of that are more devotee that cars really don't go down to the only go down the main road, but everyone walks there are like bikes it's not like a car city, although the has a lot of roads like people don't use them.

50

00:06:21.870 --> 00:06:24.210

Makenna Cerney: And then my next question is just on he bikes.

51

00:06:25.770 --> 00:06:32.040

Makenna Cerney: Would if we hadn't brought you bikes to campus and let's say you could access them by your bucknell ID.

52

00:06:33.270 --> 00:06:41.940

Makenna Cerney: And you know use them to either go around campus or like a Mike throughout the outskirts of of campus would this be something you'd be interested in.

53

00:06:42.630 --> 00:06:44.130

meaghan shewbrooks: kind of like a city bike is that.

54

00:06:44.760 --> 00:06:56.970

Makenna Cerney: it's like Oh, I need to probably preface that a little better, but it's it's kind of similar to like the bird scooters but it's invite form so they're electric powered and you could still like cycle them, but they help you like up hills and.

55

00:06:57.150 --> 00:06:57.540

meaghan shewbrooks: yeah.

56

00:06:57.690 --> 00:07:02.760

meaghan shewbrooks: Go farther would they have like different stations around campus where you would just pick one up and drop it off.

57

00:07:03.030 --> 00:07:09.030

Makenna Cerney: yeah so that's actually My next question is where on campus they should be located, if we were to implement them.

58

00:07:09.960 --> 00:07:15.750

meaghan shewbrooks: I personally, because I live downtown I think it'd be super helpful, especially I had an 8am class and act West.

59

00:07:16.800 --> 00:07:25.410

meaghan shewbrooks: Which at some point to be quite frank, I definitely just went remote for because I didn't feel like walking up there at 8am when I got older once a week, so I think.

60

00:07:25.980 --> 00:07:36.990

meaghan shewbrooks: That would be really nice, because I think it kind of would help decrease driving and I would probably use it, especially in the nicer weather i'm not sure everyone would, especially when it got colder like people just want to drive at that point.

61

00:07:37.560 --> 00:07:42.450

meaghan shewbrooks: But like down by the lc the dlc probably the Clark.

62

00:07:43.650 --> 00:07:57.420

meaghan shewbrooks: For the gym probably in between Harris and better, because then you have that whole affinity house area to, and then the library acquiesce new management building area I think those are probably the biggest.

63

00:07:58.500 --> 00:07:58.680

meaghan shewbrooks: you're.

64

00:07:58.740 --> 00:07:59.220

Makenna Cerney: The mom.

65

00:07:59.460 --> 00:08:01.980

meaghan shewbrooks: To mods yeah I don't even think about most.

66

00:08:03.570 --> 00:08:08.460

Makenna Cerney: Just have maybe like one centralized and then a couple like outs on the outskirts.

67

00:08:08.490 --> 00:08:14.940

meaghan shewbrooks: yeah because I feel like the llc is such a centralized location for all of us, or the quad even like where the admissions building is.

68

00:08:15.180 --> 00:08:22.650

meaghan shewbrooks: yeah like a good halfway point but then like again like you said moms and then to your apartments probably too right.

69

00:08:23.910 --> 00:08:24.540

Makenna Cerney: Okay.

70

00:08:25.920 --> 00:08:39.270

Makenna Cerney: So then, this section is just on I guess norms on campus so how you feel about biking and how you feel when you see other people biking So do you think that at bucknell it's considered cool or.

71

00:08:40.440 --> 00:08:43.080

Makenna Cerney: Like a norm to to be biking on campus.

72

00:08:43.650 --> 00:09:02.610

meaghan shewbrooks: No, I think it's gotten a bit more normalized in the past couple of years, I guess the past two years since i've been here, because sometimes i've never seen anyone biking but also people now have like the mini scooters or.

73

00:09:03.870 --> 00:09:06.960

meaghan shewbrooks: mopeds, I guess you want to call them, which is like something different.

74

00:09:07.230 --> 00:09:12.030

meaghan shewbrooks: Right, but, most people don't bike like I only know like a handful of people that bike.

75

00:09:13.290 --> 00:09:17.340

Makenna Cerney: So, would you yourself feel socially comfortable biking the class right now.

76

00:09:17.940 --> 00:09:20.730

Makenna Cerney: Like if you were to pick up a bike tomorrow, would you feel.

77

00:09:20.880 --> 00:09:21.750

Makenna Cerney: comfortable doing that.

78

00:09:22.260 --> 00:09:34.530

meaghan shewbrooks: yeah I think we have enough like bike racks where I feel like it should be more normalizing It is like I would feel comfortable I almost brought my bike back to campus actually in the spring, because I was like trying to limit the amount of gas, I was using just.

79

00:09:34.530 --> 00:09:35.130

Makenna Cerney: Because.

80

00:09:35.190 --> 00:09:37.770

meaghan shewbrooks: it's expensive and I genuinely don't want to pay for it.

81

00:09:39.000 --> 00:09:40.710

meaghan shewbrooks: But with the snow it's kind of hard.

82

00:09:41.730 --> 00:09:45.720

meaghan shewbrooks: So I yeah I think I feel socially comfortable.

83

00:09:46.290 --> 00:09:56.340

Makenna Cerney: Do you think that in the future because right now it's clearly like we have an auto mobile centric kind of way out of campus do you think that students and staff could be.

84

00:09:56.730 --> 00:10:05.790

Makenna Cerney: Convinced in the future to bike or do you think we're stuck in this rut of always automobile centric and you know always relying on our cars.

85

00:10:07.770 --> 00:10:20.610

meaghan shewbrooks: I think that, as even like the climate change fight progresses, I think, a more like a higher amount of people will start to bike I know a lot of professors actually bike to campus a lot of them do cool my professors actually bite to campus.

86

00:10:21.990 --> 00:10:32.280

meaghan shewbrooks: I think, as that fight progresses in the way, probably the university is strategically trying to limit the amount of parking and driving we have on campus and, like the amount people have cars.

87

00:10:33.270 --> 00:10:47.730

meaghan shewbrooks: I definitely think it's possible were biking becomes more mobilize but and I don't know if, like I guess depends on the car entry to them or that ends up going like electric cars are becoming more popular so that creates less of an issue with the carbon.

88

00:10:49.110 --> 00:10:53.160

meaghan shewbrooks: Neutrality type thing, but I think it just depends.

89

00:10:54.450 --> 00:10:56.760

meaghan shewbrooks: I feel like it depends on the external environment, a little bit.

90

00:10:56.760 --> 00:11:05.520

Makenna Cerney: Right yeah there's lots of factors um and then just the last question so it's just on proposed solution so, for example.

91

00:11:06.360 --> 00:11:16.980

Makenna Cerney: I think one of the biggest factors for myself, is that I really want to bike but sometimes I don't necessarily you know know where the bike racks are or I.

92

00:11:17.490 --> 00:11:23.850

Makenna Cerney: never seen anyone else do it, so I would feel kind of uncomfortable and it's just the process of the unknown so in order to.

93

00:11:24.810 --> 00:11:34.800

Makenna Cerney: kind of introduced the idea of biking I think it would be a good idea to have a bike declass day where everyone, you know would be there would be bikes available on campus and it would kind of initiate this.

94

00:11:36.420 --> 00:11:43.440

Makenna Cerney: I don't know trying out a bike and go into class seeing other people do it so would this be something that you'd participate in if we had about the class day.

95

00:11:44.160 --> 00:11:48.210

meaghan shewbrooks: Yes, if it was a normal semester is just with go read.

96

00:11:48.720 --> 00:12:05.730

Makenna Cerney: um and so knowing yourself and knowing, like other people on campus do you have any proposed solutions, and it could be something with creating something for norms or something just on general infrastructure, do you have any proposed solutions, just to initiate a better biking culture.

97

00:12:07.260 --> 00:12:13.170

meaghan shewbrooks: I think block it, I think, honestly you'd have to block off certain driveway like roads.

98

00:12:14.430 --> 00:12:17.790

meaghan shewbrooks: Roads on campus that would be helpful, I, like the E bike thing.

99

00:12:18.540 --> 00:12:27.240

meaghan shewbrooks: I think that's something you could probably even integrate into the bucknell APP and you're looking for bikes and if they're automatically able to say their bikes available, and it makes your life easy at certain stations.

100

00:12:27.420 --> 00:12:37.050

meaghan shewbrooks: Right and reserving a bike even because you're so integrating technology so much onto campus I feel like as of like norms.

101

00:12:38.070 --> 00:12:47.880

meaghan shewbrooks: Honestly, even call we integrating social life and like Greek life because it's such a big prominent thing on campus if you got certain like France and sororities to maybe be like everyone back to.

102

00:12:47.910 --> 00:12:49.410

Makenna Cerney: class one that I am yeah.

103

00:12:49.500 --> 00:12:57.990

meaghan shewbrooks: it's like promoting that kind of thing because it's like all a trickle down effect, especially in college, because everyone always look so the upperclassmen to be like what do we do.

104

00:12:58.290 --> 00:13:06.150

meaghan shewbrooks: Right oh like for a social thing like maybe partner having the frost partner with obl because they I know they rent bikes.

105

00:13:06.210 --> 00:13:10.440

meaghan shewbrooks: yeah and be like hey you guys should buy declass he's got to be careful that people don't steal bikes.

106

00:13:10.590 --> 00:13:10.980

yeah.

107

00:13:12.000 --> 00:13:16.320

meaghan shewbrooks: yeah it's like the thing, people will just take things and whatever but.

108

00:13:17.700 --> 00:13:24.390

Makenna Cerney: um OK, so those are all my questions that I haven't paired but is there anything that you thought of what we were talking or from the survey that you want to add.

109

00:13:26.100 --> 00:13:27.210

meaghan shewbrooks: Nothing I can think of.

110

00:13:28.260 --> 00:13:33.330

Makenna Cerney: Well, that was really perfect I feel like you brought out a lot of points that i've been wanting people to mention.

111

00:13:33.510 --> 00:13:34.740

meaghan shewbrooks: Oh good i'm glad.

MAX CODE

3

00:00:25.800 --> 00:00:28.230

Makenna Cerney: So this is being recorded.

4

00:00:29.340 --> 00:00:35.550

Makenna Cerney: So I just let you know that's because I need to submit the transcript to the honors Council.

5

00:00:36.720 --> 00:00:43.380

Makenna Cerney: So i'm also anything you say I can use in my thesis I just want to make sure that's okay with you.

6

00:00:44.130 --> 00:00:44.880

Max Code: yeah that's fine.

7

00:00:45.690 --> 00:00:48.900

Makenna Cerney: it's all anonymous though so you'll just be like participant whatever number.

8

00:00:50.520 --> 00:01:01.800

Makenna Cerney: Okay, so um obviously this is on just like biking at bucknell and the possibility of there being more like a biking culture and what it would take to get to that point.

9

00:01:03.510 --> 00:01:09.300

Makenna Cerney: So any your mind, what does the word bicycle mean to you.

10

00:01:12.270 --> 00:01:14.220

Max Code: um I guess.

11

00:01:15.510 --> 00:01:19.710

Max Code: That there's some sort of infrastructure or i'm.

12

00:01:21.840 --> 00:01:22.200

Like.

13

00:01:23.550 --> 00:01:26.130

Max Code: norm of biking around some certain place.

14

00:01:27.390 --> 00:01:32.070

Makenna Cerney: So it's like a mixture of like the physical environment and then also like the culture on campus.

15

00:01:32.790 --> 00:01:44.310

Max Code: yeah I feel like that doesn't necessarily mean to need to be some kind of biking infrastructure, but if everyone in the area understands that lots of people bike around here, then it doesn't matter if there's infrastructure or not.

16

00:01:44.820 --> 00:01:45.210

Yes.

17

00:01:46.230 --> 00:01:57.210

Makenna Cerney: Exactly Okay, so the first couple questions to ask you is just like on your I guess behavior around biking and how you feel about biking So do you enjoy biking.

18

00:01:57.720 --> 00:02:01.020

Makenna Cerney: yeah um do you bike at bucknell ever.

19

00:02:01.860 --> 00:02:06.420

Max Code: I have a bike here I don't use it, that much um, but I do have a bike.

20

00:02:07.380 --> 00:02:12.420

Makenna Cerney: um so What would it take for you to start biking around campus and like bike to class.

21

00:02:14.580 --> 00:02:17.340

Max Code: um I mean it's interesting because, like.

22

00:02:19.590 --> 00:02:23.730

Max Code: I feel like in order to bite to class I would have to live further away, you know.

23

00:02:23.820 --> 00:02:24.870

Makenna Cerney: yeah that makes sense.

24

00:02:24.900 --> 00:02:28.380

Max Code: So basically you know you want to class yeah.

25

00:02:28.890 --> 00:02:35.730

Makenna Cerney: Okay um is it like a weather thing, or is it just you enjoy walking more.

26

00:02:36.750 --> 00:02:38.100

Makenna Cerney: You said distance.

27

00:02:38.370 --> 00:02:42.840

Max Code: yeah I guess it's just like it's not far enough for me to want I can.

28

00:02:45.000 --> 00:02:46.350

Max Code: Okay, in my head.

29

00:02:47.010 --> 00:03:00.300

Makenna Cerney: um so I know, in the past they've made like restrictions on parking So if you have like a northern campus sticker you can only park in the northern area or wherever on campus.

30

00:03:00.720 --> 00:03:06.030

Makenna Cerney: Is there something you agree with, and we should like continue, or do you think that's like really annoying it was just get rid of that.

31

00:03:08.070 --> 00:03:16.170

Max Code: um I do think it's important, I think, like it definitely isn't necessary mm hmm I haven't really thought about.

32

00:03:17.250 --> 00:03:18.360

Max Code: Like how it works, but.

33

00:03:22.860 --> 00:03:26.730

Max Code: it's like it's really multifaceted because it's.

34

00:03:34.200 --> 00:03:34.500

Makenna Cerney: All right.

35

00:03:35.460 --> 00:03:38.850

Max Code: People have to have cars right because they can't get here.

36

00:03:39.150 --> 00:03:41.160

Max Code: With public transportation from home.

37

00:03:42.240 --> 00:03:54.870

Max Code: um so like where do you park your car like I had a car on campus last year and sophomore year but i'd pretty much like drive to campus park and then like not really use it, that much.

38

00:03:55.080 --> 00:03:57.270

Makenna Cerney: yeah that's exactly what I do.

39

00:03:57.540 --> 00:03:59.490

Makenna Cerney: I feel like some people are like.

40

00:03:59.670 --> 00:04:06.360

Makenna Cerney: drive to class every single day, and like use it more than others, so I think it really depends on the person, but.

41

00:04:08.130 --> 00:04:25.890

Makenna Cerney: Okay, so, then this these questions are on the physical like phil environment around campus so what ways, do you think like the general infrastructure on campus and around campus could be improved to better the safety to encourage biking.

42

00:04:29.190 --> 00:04:30.210

Max Code: um.

43

00:04:35.280 --> 00:04:42.540

Max Code: I think like making it clear whether bikes are allowed on but on walking paths, or they have to be on the road.

44

00:04:44.070 --> 00:04:50.880

Max Code: is like step one so that everybody knows what's going on, because I feel like i've been walking around campus and like a bike is whizzed by me I don't like what the hell.

45

00:04:51.060 --> 00:05:00.660

Max Code: yeah um but also there's no there's no bike lines on the streets or any signs or anything, at least on on campus I don't think i'm.

46

00:05:01.770 --> 00:05:10.920

Max Code: Like you don't know where you can go so that kind of means they can go everywhere, but it doesn't really mean that they're allowed to go anywhere so it's just kind of ambiguous actually taking away the beauty.

47

00:05:11.310 --> 00:05:13.980

Makenna Cerney: is right and even like simple like.

48

00:05:15.300 --> 00:05:24.510

Makenna Cerney: Like they're called like biking facilities like like medians or like signs, or you know cross signals or whatever like I feel like that can make a difference, too.

49

00:05:25.260 --> 00:05:31.800

Max Code: yeah you didn't like on the rail trail between at the whenever there's a cross street they have those like.

50

00:05:33.960 --> 00:05:35.310

Max Code: Little arms that you have to like.

51

00:05:35.310 --> 00:05:45.420

Max Code: walk through and around something like that to make people get off their bikes I don't know like what it would be, but just making sure that people know that it's a thing.

52

00:05:45.720 --> 00:05:54.210

Makenna Cerney: No that's a good point, because I do feel safer around bikers on the rail trail and it's because it is like separated and like because they do have those like.

53

00:05:55.530 --> 00:05:59.790

Makenna Cerney: You have to like slow down around them so that's like a good point to.

54

00:06:01.020 --> 00:06:09.510

Makenna Cerney: Okay i'm going to skip this question um Okay, if he bikes for Brock to campus or just electric like motorized bikes.

55

00:06:11.010 --> 00:06:12.030

Makenna Cerney: Would you use them.

56

00:06:13.890 --> 00:06:15.270

Max Code: Like if they were available on free.

57

00:06:15.930 --> 00:06:29.670

Makenna Cerney: If they were like let's say how you know how like live scooters or birds are available in cities, how you could use like maybe your bucknell ID and it would be like a couple cents per mile would this be something you'd be interested in.

58

00:06:30.060 --> 00:06:32.700

Max Code: I would, for sure hundred percent.

59

00:06:33.690 --> 00:06:38.310

Makenna Cerney: Were on campus would you locate like the Center where they are or multiple places.

60

00:06:39.990 --> 00:06:40.860

Max Code: um.

61

00:06:42.270 --> 00:06:51.810

Max Code: I guess like a perfect model would be like the lime or bird scooters where you can just leave them anywhere and people come out in but they had to be centralized I feel like.

62

00:06:52.980 --> 00:06:57.240

Max Code: You would kind of review, where people live, and then at all.

63

00:06:59.730 --> 00:07:07.020

Max Code: what's coming to mind is like somewhere around behind where break iron is where like corner houses.

64

00:07:07.260 --> 00:07:08.010

Makenna Cerney: Okay yeah.

65

00:07:09.720 --> 00:07:15.900

Max Code: cuz it's like not in the middle of the quad so it's not like people walking by but it's not super out of anyone's play.

66

00:07:17.100 --> 00:07:20.670

Max Code: But I feel like in order for people to really use it you'd have to have them everywhere.

67

00:07:21.060 --> 00:07:27.960

Max Code: yeah because, like I wouldn't walk if I was the first year and I lived in sports I wouldn't walk all the way over there grab one and go some.

68

00:07:27.990 --> 00:07:42.390

Makenna Cerney: Right, I also think it's important to look at like the topography of like campus like see where the hills are because you're not going to want to walk up a hill to get it, you know the base of hills and then also like maybe the mods are.

69

00:07:43.830 --> 00:07:50.160

Makenna Cerney: But also, like, I think I what I need to look more into is if they need like coverage over them.

70

00:07:51.780 --> 00:07:53.400

Makenna Cerney: Because if it snows you know.

71

00:07:54.480 --> 00:07:55.620

Makenna Cerney: So that's also something.

72

00:07:56.190 --> 00:08:03.090

Max Code: It would be really interesting to have, I think it would work if you had one point, like all the way up hill on one point, all the way down hill.

73

00:08:03.300 --> 00:08:04.860

Max Code: yeah like if using.

74

00:08:05.190 --> 00:08:07.290

Makenna Cerney: Senior apartments maybe and then.

75

00:08:08.730 --> 00:08:12.540

Makenna Cerney: I don't know, maybe like near the Clark are like near, whereas the zip cars are.

76

00:08:13.230 --> 00:08:15.630

Max Code: yeah I feel like New Year, the lc is good spot.

77

00:08:15.960 --> 00:08:16.290

yeah.

78

00:08:17.640 --> 00:08:21.210

Makenna Cerney: I don't know i've been thinking about that, I think it would be really cool, especially for like first years.

79

00:08:22.890 --> 00:08:23.400

Makenna Cerney: i'm.

80

00:08:23.940 --> 00:08:28.770

Max Code: Like in the in the quad between veteran Smith, where there's like that, just like random area.

81

00:08:28.980 --> 00:08:29.580

Makenna Cerney: Oh yeah.

82

00:08:31.800 --> 00:08:38.430

Makenna Cerney: um alright, the last group of questions is just on general norms on campus.

83

00:08:39.450 --> 00:08:43.800

Makenna Cerney: So do you feel that is considered cool to ride a bike.

84

00:08:44.910 --> 00:08:50.190

Makenna Cerney: Based on like norms at bucknell or do you feel like it's socially unacceptable.

85

00:08:51.210 --> 00:08:52.260

Max Code: feel like it's neither.

86

00:08:53.310 --> 00:09:02.070

Max Code: I feel like not enough people ride a bike to make it be the subject of conversation nobody's like oh my God he's such a loser he rides a bike.

87

00:09:02.100 --> 00:09:03.270

Makenna Cerney: yeah right I don't think.

88

00:09:04.410 --> 00:09:10.260

Makenna Cerney: So do you well, obviously, you say that you ride, sometimes, but do you feel comfortable like if you were to just ride to class.

89

00:09:11.640 --> 00:09:17.730

Max Code: I definitely think if I was going to rat on campus I I guess I wouldn't be a little bit self conscious about people being like.

90

00:09:18.390 --> 00:09:18.840

That right.

91

00:09:21.210 --> 00:09:21.480

Makenna Cerney: yeah.

92

00:09:21.510 --> 00:09:26.640

Max Code: Exactly oh yes yeah it's but not like anybody's like mean about it, but I guess, there is a.

93

00:09:26.700 --> 00:09:27.060

yeah.

94

00:09:28.230 --> 00:09:42.900

Makenna Cerney: Just because it's not like common so if everyone let's say everyone else this semester just came to school and it was like the most common form of transportation everyone had a bike and everyone back to class, would you back to class every day to or would you think you'd stay the same.

95

00:09:44.940 --> 00:09:45.840

Max Code: um.

96

00:09:49.740 --> 00:09:54.810

Max Code: we've looked back to class, I mean I don't know I think there's that that definitely makes them more likely.

97

00:09:55.230 --> 00:09:58.050

Makenna Cerney: yeah I guess what i'm trying to figure out here is like.

98

00:09:59.070 --> 00:10:13.410

Makenna Cerney: Whether or not it's like a because because a lot of people think that it's because oh I don't want to get sweaty when I go to class or I don't you know, want to I don't like exercising whatever, but then you figure out, it really is like a norm thing.

99

00:10:14.220 --> 00:10:17.490

Max Code: yeah I think it's like all of those things put together but.

100

00:10:18.330 --> 00:10:21.720

Max Code: If everybody did it then it wouldn't be weird.

101

00:10:22.740 --> 00:10:23.100

Max Code: You know.

102

00:10:23.340 --> 00:10:33.420

Makenna Cerney: yeah no I agree um So do you think knowing bucknell and how a lot of people have cars on campus and it is like a very the way it's designed, is a very.

103

00:10:34.020 --> 00:10:37.230

Makenna Cerney: I guess like automobile Center campus because you can drive everywhere.

104

00:10:37.830 --> 00:10:53.790

Makenna Cerney: Do you think that we're stuck in this mindset that it's always going to be automobile centric or do you think if enough implementation of like cultural changes and like infrastructure changes do you think that we could eventually switched to a more like centric walkable campus.

105

00:10:56.700 --> 00:11:05.610

Max Code: uh yeah I mean I would kind of disagree and say that I think bucknell is campus is really walkable because you can actually drive everywhere.

106

00:11:06.030 --> 00:11:11.370

Max Code: Like you can't I mean you can get close to everything but, like you, can't drive up on the quad and all that stuff.

107

00:11:11.550 --> 00:11:14.820

Max Code: that's true and there's walking paths literally everywhere.

108

00:11:16.170 --> 00:11:18.210

Max Code: So I do think it is relatively walk well.

109

00:11:20.490 --> 00:11:32.490

Max Code: I, and also, if you look back at like old maps of campus there used to be roads going through it, so it definitely you could even talk about in your thesis obviously it's possible to make it more walkable because we've already destroyed.

110

00:11:33.000 --> 00:11:35.220

Max Code: Like three or four roads that used to go through campus.

111

00:11:35.310 --> 00:11:36.240

Makenna Cerney: I didn't know that.

112

00:11:36.660 --> 00:11:39.360

Max Code: yeah there's so you know how you know where frat road is.

113

00:11:39.630 --> 00:11:40.950

Makenna Cerney: yeah so.

114

00:11:41.730 --> 00:11:49.020

Max Code: For us to go all the way through campus whoo i'm like it would keep going in front of like.

115

00:11:49.020 --> 00:11:53.550

Max Code: acquiesces uh yeah so it, but it was on the other side of the library.

116

00:11:54.600 --> 00:11:55.890

Makenna Cerney: yeah okay.

117

00:11:56.190 --> 00:12:03.360

Max Code: yeah and go straight through like the kind of where the library is and straight past, oh no sorry it was behind live right.

118

00:12:03.810 --> 00:12:07.560

Makenna Cerney: yeah so go straight through like acquiesced and then behind.

119

00:12:08.130 --> 00:12:13.770

Max Code: Yes, yes, because if you think about where corner houses and where he'll just Mirza is.

120

00:12:14.040 --> 00:12:15.540

Max Code: Yes, frat houses.

121

00:12:15.600 --> 00:12:16.500

Max Code: And they used to be on.

122

00:12:17.280 --> 00:12:20.340

Makenna Cerney: Okay well that's actually really cool I should talk about that.

123

00:12:20.790 --> 00:12:21.780

Makenna Cerney: yeah now that.

124

00:12:22.500 --> 00:12:26.220

Max Code: i'm so it's definitely you know changeable.

125

00:12:26.730 --> 00:12:30.240

Max Code: yeah but I guess it's just figuring out what you want.

126

00:12:30.720 --> 00:12:33.570

Makenna Cerney: yeah and what like students want to.

127

00:12:34.410 --> 00:12:34.950

Max Code: yeah i'm.

128

00:12:35.130 --> 00:12:38.760

Max Code: Like the in front of Dana where the science quite as they used to be a parking lot.

129

00:12:40.500 --> 00:12:41.250

Makenna Cerney: Oh, really.

130

00:12:41.520 --> 00:12:43.290

Max Code: yeah the whole quad was a parking lot.

131

00:12:44.670 --> 00:12:47.760

Makenna Cerney: That so I should look up like an old picture of campus to compare it.

132

00:12:49.440 --> 00:12:53.730

Makenna Cerney: Okay, so, then the last section is just on proposed like solutions.

133

00:12:54.810 --> 00:13:08.400

Makenna Cerney: So, knowing yourself and like knowing other people on campus, I guess, this is just about like what are ways that you think would encourage people, something that i've come up with After talking to a lot of people.

134

00:13:09.420 --> 00:13:18.900

Makenna Cerney: I know I personally feel like I want to bike and i'm really interested in by coming to class I did it all abroad, but I do feel a little uncomfortable doing it at school and i'm not really.

135

00:13:19.410 --> 00:13:28.950

Makenna Cerney: necessarily aware of like where the bike corrals are and like how to rent a bike and all that, so I think there's probably many people like me on campus so to encourage that.

136

00:13:29.850 --> 00:13:37.650

Makenna Cerney: I think if we had like a back to class Day and it gave people the opportunity to like feel normal about it and then also see other people doing it and kind of figure out like.

137

00:13:38.160 --> 00:13:49.680

Makenna Cerney: The ropes to I don't know start out and that's kind of my proposed solution to fix the norms, but do you have anything in mind.

138

00:13:50.970 --> 00:14:00.810

Makenna Cerney: It doesn't necessarily have to be for the for that could be for just general infrastructure or just positive reinforcement, I can give more examples to that other people gave.

139

00:14:01.470 --> 00:14:02.310

Max Code: yeah I guess.

140

00:14:03.360 --> 00:14:03.690

Max Code: Like.

141

00:14:04.980 --> 00:14:15.750

Max Code: I don't know exactly what I would do like I would have to think about it more, but the way that I think about something like this is people are going to do whatever the best option to them is at that moment.

142

00:14:15.810 --> 00:14:17.790

Max Code: So just make biking the best option.

143

00:14:18.420 --> 00:14:18.990

Makenna Cerney: that's true.

144

00:14:19.500 --> 00:14:20.460

Makenna Cerney: And how yeah.

145

00:14:21.120 --> 00:14:21.750

Max Code: So, like.

146

00:14:23.160 --> 00:14:32.940

Max Code: Make like I really liked your idea of having a bikes just like laying around campus yeah that would be really cool and even if it's not a bikes just like.

147

00:14:33.750 --> 00:14:40.170

Max Code: The bison bikes but if everybody had access to a bike anytime and there were all the same, and you could just pick one up and ride somewhere.

148

00:14:40.770 --> 00:14:48.480

Max Code: Like that would be really I would definitely if I was late for class and I saw a bike laying on the ground, I knew I can pick it up and write it I would definitely do that.

149

00:14:48.540 --> 00:14:50.190

Max Code: yeah um.

150

00:14:52.980 --> 00:14:54.750

Max Code: yeah, but I think it's just like.

151

00:14:56.220 --> 00:14:59.370

Max Code: And, and maybe there's a restriction with cars, but like.

152

00:15:00.630 --> 00:15:08.760

Max Code: I don't know if I know people who drive to class maybe like off campus people do but i'm surprised that, like a bunch of people do that.

153

00:15:09.180 --> 00:15:10.770

Max Code: yeah um.

154

00:15:10.860 --> 00:15:15.120

Makenna Cerney: yeah I don't I feel like it's well it's hard now because this semester like.

155

00:15:15.420 --> 00:15:15.720

Max Code: yeah no.

156

00:15:15.750 --> 00:15:19.560

Makenna Cerney: one's even going to class in person, so it's hard to like remember but.

157

00:15:20.610 --> 00:15:21.060

Makenna Cerney: um.

158

00:15:22.290 --> 00:15:26.520

Max Code: People live on campus like people drive to class imagine you live in the gateway.

159

00:15:27.180 --> 00:15:30.480

Max Code: Would you if you live in a gateway would you drive like Where would you park.

160

00:15:31.860 --> 00:15:39.930

Makenna Cerney: yeah well I guess it depends, I mean I I personally don't, but I feel like my friends do a lot and then also when I was on the track team, a lot of people would drive to the Clark.

161

00:15:40.740 --> 00:15:47.010

Makenna Cerney: Because we're going to be running the whole time so it's like we don't feel like walking there, so I think that's like part of it.

162

00:15:47.880 --> 00:15:48.750

Max Code: makes sense to me.

163

00:15:49.620 --> 00:15:56.700

Makenna Cerney: So I don't know it's I like like it like it, this is all from like a year ago to because it's different this year, so I don't know.

164

00:15:57.510 --> 00:16:02.820

Max Code: i'm a good pilot plan to be thinking about people who live in the MAS i'm sure that they might.

165

00:16:03.450 --> 00:16:14.190

Makenna Cerney: yeah and i've been talking about that a lot because, whether an eye, whether or not I know mopeds aren't allowed to go through the tunnel, so what he bikes be allowed and like that's a whole other factor.

166

00:16:15.210 --> 00:16:22.110

Makenna Cerney: Because they're not going to want to cross route 15 like on a bike so that's something else i'm looking at um.

167

00:16:23.130 --> 00:16:29.460

Makenna Cerney: I don't know but it's just been like you're saying, because I feel like everyone has different perspectives and some people.

168

00:16:30.450 --> 00:16:36.480

Makenna Cerney: I feel like the general consensus is that people don't bike but they want to, but they don't know how to like start.

169

00:16:37.080 --> 00:16:46.860

Makenna Cerney: So I think that's what this whole processes and i've been talking to like broth men about e bikes and kind of starting that, so I think that would be cool especially like I said I was like.

170

00:16:47.460 --> 00:16:55.980

Makenna Cerney: A first year if I just had a bike to I don't know even just get from uploaded downhill, or just bike around campus or even just go to like CVs.

171

00:16:56.730 --> 00:17:12.690

Makenna Cerney: um that would have been like really helpful so that's kind of what i'm looking at, but um That was all my questions um was there anything else that you thought of was talking or came up in the survey that you want to add.

172

00:17:13.830 --> 00:17:20.580

Max Code: um no, I think that parking is something that's really interesting to think about and like warrants a lot of thought, because.

173

00:17:21.540 --> 00:17:31.110

Max Code: I think they've done a good job of restricting parking because, obviously, if you lived in the gateway you wouldn't drive to class, but you need somewhere to put everyone's cars.

174

00:17:31.230 --> 00:17:33.870

Max Code: Right, people are driving to campus.

175

00:17:34.020 --> 00:17:35.370

Makenna Cerney: yeah no I agree.

176

00:17:35.940 --> 00:17:46.500

Max Code: um but the one thing that i'll say is, I know that stuff about campus with the roads and stuff because I took a tour last fall with this professor, who is like.

177

00:17:47.760 --> 00:17:53.220

Max Code: A geography professor, I think, and she studied how campus has changed throughout all these different years and, like.

178

00:17:53.640 --> 00:18:03.570

Max Code: The decisions that people make and the impact that it has on future generations, and she had all these old pictures and all these maps and stuff of campus i'm going to try to see if I can figure out who, that is.

179

00:18:03.660 --> 00:18:05.370

Makenna Cerney: yeah I would know.

PARTICIPANT 14

1

00:00:24.720 --> 00:00:25.110

Makenna Cerney: hi.

2

00:00:26.580 --> 00:00:27.210

Greg Kreusser: Erica.

3

00:00:28.200 --> 00:00:39.210

Makenna Cerney: Okay, oh there's someone calling me okay so just let you know this is being recorded, so I just need to make sure that I can use anything that you say within my research project and.

4

00:00:40.230 --> 00:00:41.370

Makenna Cerney: That it's okay with you.

5

00:00:41.760 --> 00:00:42.540

Greg Kreusser: Absolutely yeah.

6

00:00:43.560 --> 00:00:49.440

Makenna Cerney: it's all anonymous, so I think your participant 14 So if you want to know who you are in.

7

00:00:49.440 --> 00:00:50.970

Greg Kreusser: It sounds good.

8

00:00:51.480 --> 00:01:03.570

Makenna Cerney: Okay, so i'm just gonna ask you a few questions and industry take like 10 minutes um obviously just answer honestly and i'm not looking for any specific like responses.

9

00:01:04.710 --> 00:01:18.510

Makenna Cerney: No um, let me just pull up my questions Okay, so you probably don't remember exactly how you responded in the survey, but my first question is, how would you define a bicycle community.

10

00:01:19.350 --> 00:01:29.310

Greg Kreusser: I would define a bicycle community by having designated bike lanes that allow for a safe path for for bikers.

11

00:01:30.600 --> 00:01:40.200

Greg Kreusser: I would also say, including a good amount of biking stations where you can properly park the bikes and lock them and keep them safe.

12

00:01:40.830 --> 00:01:51.210

Greg Kreusser: I think it's also important to provide electric bikes as well, in case some students may be having like physical troubles with.

13

00:01:51.630 --> 00:02:06.030

Greg Kreusser: Especially with now with haley campus, so I think just providing ample types of bikes and providing that proper pathways to bike across campus as well would create a good suitable environment for it.

14

00:02:06.870 --> 00:02:17.970

Makenna Cerney: Okay, so from what you said it's a lot to do with like infrastructure and then like the physical topography, I guess, of land and so basically that the accessibility of just going around campus.

15

00:02:18.000 --> 00:02:19.290

Greg Kreusser: Absolutely yep.

16

00:02:19.710 --> 00:02:23.130

Makenna Cerney: Okay, so do you consider yourself a biker.

17

00:02:23.550 --> 00:02:31.920

Greg Kreusser: yeah I definitely wish I bike more, but I do bike from time to time, I live in New York now and I definitely city bike every chance I get.

18

00:02:32.340 --> 00:02:33.450

Greg Kreusser: During the summer months.

19

00:02:34.050 --> 00:02:38.430

Greg Kreusser: And I intend on purchasing my own bike this year, so I would consider myself a biker.

20

00:02:39.600 --> 00:02:52.110

Makenna Cerney: Okay, so on campus I know you've graduated, but when you're at bucknell um What was your most common like mode of transportation, would you walk mostly or would you drive mostly.

21

00:02:52.440 --> 00:02:56.730

Greg Kreusser: freshmen to junior year I want pretty much primarily.

22

00:02:57.270 --> 00:03:09.390

Greg Kreusser: And during my senior year, though I did have a car on campus and living downtown I had to drive to the fraternity house or two classes to calm it if I was late, which was more often than I wish.

23

00:03:10.140 --> 00:03:17.970

Greg Kreusser: was the case, but I definitely think I would have benefited from having a bike instead to be able to avoid having to take the car when I was further out.

24

00:03:18.900 --> 00:03:26.940

Makenna Cerney: um So do you think that right right now are actually I don't know about this year but, in the past they've made.

25

00:03:27.690 --> 00:03:38.220

Makenna Cerney: certain restrictions on parking So if you had a northern sticker, for example, you could only park in northern campus and if you parked in the south, then you would get ticketed.

26

00:03:38.730 --> 00:03:47.760

Makenna Cerney: Do you think something like this is beneficial in order to encourage people to bike or do you think that's really annoying and you're just.

27

00:03:48.180 --> 00:04:00.840

Greg Kreusser: yeah more so the latter, I think it's a bit detrimental, because I think you're limited in terms of where you can Park, and I think it just creates this inconvenience that deters people from from biking if that's the case.

28

00:04:01.080 --> 00:04:03.390

Makenna Cerney: Right it's more of like a negative reinforcement.

29

00:04:03.420 --> 00:04:04.500

Greg Kreusser: kind of exactly yeah.

30

00:04:05.490 --> 00:04:15.060

Makenna Cerney: Okay um so that was just kind of general like behaviors and attitudes towards biking but this section is more on the built environment.

31

00:04:16.200 --> 00:04:17.880

Makenna Cerney: And again, this is just based off your.

32

00:04:19.230 --> 00:04:22.350

Makenna Cerney: Your experience at buck now and what you can remember there.

33

00:04:23.460 --> 00:04:33.330

Makenna Cerney: So what are ways that the general infrastructure on campus could be improved to better safety and accessibility.

34

00:04:34.500 --> 00:04:47.700

Greg Kreusser: duffus a building out doesn't lane so whether it's just creating that clear mart's path that differentiates where bikes will be where the walking path is and where the cars will be.

35

00:04:48.000 --> 00:04:54.060

Greg Kreusser: And so having that specific sort of pathway I think would be incredibly helpful.

36

00:04:55.140 --> 00:05:12.240

Greg Kreusser: I also just think the development of biking stations across campus so having those be super accessible by the lc was the bottom of campus closer to a lot of the more educational buildings, I think, having those accessible and abundant would be really helpful.

37

00:05:13.590 --> 00:05:29.160

Greg Kreusser: Just so you don't have to worry about having one of those stations, be completely full and being late to class if you have to go to a different one and feels safe that your bike is lot somewhere, so I think having those abundant across campus would be really helpful.

38

00:05:30.900 --> 00:05:32.070

Greg Kreusser: i'd say those two points.

39

00:05:32.460 --> 00:05:39.810

Makenna Cerney: So, and you also mentioned before he bikes and how you think that those should be incorporated to campus so.

40

00:05:41.160 --> 00:05:47.610

Makenna Cerney: If they were available when you were a student at bucknell do you think this would have been something you would have used regularly.

41

00:05:47.880 --> 00:05:52.170

Greg Kreusser: Absolutely yeah no doubt my mind that I would have used that almost every day.

42

00:05:53.010 --> 00:05:57.720

Makenna Cerney: And were on campus do you think that they would be most successful at where they would be stationed.

43

00:05:58.260 --> 00:06:07.350

Greg Kreusser: I would say, definitely towards the lower the bottom end of campus towards like seven street CAFE because if you have to make that.

44

00:06:08.010 --> 00:06:19.350

Greg Kreusser: trip towards the like uphill I think you really benefit having that electric bike easily get you up there, so I think definitely on the downhill side of things, I think.

45

00:06:19.830 --> 00:06:34.830

Greg Kreusser: Maybe having stations on all like four corners of the campus as well, maybe by the gateways or by the library as well, I think, having that accessible from each point of the campus would be really helpful.

46

00:06:35.160 --> 00:06:37.170

Greg Kreusser: yeah maybe by the lc as well.

47

00:06:37.500 --> 00:06:51.090

Makenna Cerney: A lot of people mentioned like that nexus seven street that area, especially because that's where the zip cars are located, so there is that, like section there where it would be like I don't know easy, I guess, to put coverage over it, if it were to snow or like.

48

00:06:52.110 --> 00:06:53.400

Makenna Cerney: So I think that's also a good.

49

00:06:53.490 --> 00:06:54.690

Greg Kreusser: yeah definitely.

50

00:06:55.290 --> 00:07:06.720

Makenna Cerney: Okay, so, then this section is just on the general norms on campus so obviously norms for students now maybe different than what you experienced, but from what you can remember.

51

00:07:07.740 --> 00:07:11.700

Makenna Cerney: Do you think that it was considered cool or a norm to ride a bike.

52

00:07:12.870 --> 00:07:14.490

Makenna Cerney: When you were a student at bucknell.

53

00:07:15.420 --> 00:07:33.540

Greg Kreusser: It really wasn't as prevalent, as it should have been I don't remember any of my friends, having a bike maybe besides one most people did have cars, but I do know a lot of those same people that like live in New York live in cities, love to ride city bike and they love to.

54

00:07:34.680 --> 00:07:41.910

Greg Kreusser: take that opportunity to ride bikes whenever they can avoid other means of transportation, so I definitely think.

55

00:07:43.140 --> 00:07:48.240

Greg Kreusser: There was a big opportunity there, but no I wasn't very prevalent during during my time at all.

56

00:07:48.480 --> 00:08:00.960

Makenna Cerney: mm hmm do you think that, if it was very prevalent and it was let's say, like the most common form of transportation and everyone wrote a bike to class, do you think that would have changed your mindset and you would have liked more.

57

00:08:01.320 --> 00:08:03.150

Greg Kreusser: Absolutely yeah I definitely think so.

58

00:08:03.930 --> 00:08:07.200

Makenna Cerney: So, would you say that for you, it might have been.

59

00:08:08.370 --> 00:08:15.120

Makenna Cerney: A norm thing for you like an influence kind of culture where you are influenced that most people did walk and drive.

60

00:08:15.480 --> 00:08:16.860

Greg Kreusser: Right, I do think so yeah.

61

00:08:18.060 --> 00:08:19.140

Makenna Cerney: Okay, so.

62

00:08:20.250 --> 00:08:22.560

Makenna Cerney: as of right now I would consider.

63

00:08:24.240 --> 00:08:37.320

Makenna Cerney: bucknell to be a pretty automobile Center campus we do have like a lot of walk walkable paths and areas where it is walkable However, you can access almost anywhere on campus with a car.

64

00:08:38.340 --> 00:08:55.920

Makenna Cerney: Do you think that we are going to be stuck in this kind of automobile centric type of scenario, or do you think that students and staff can be influenced to kind of create campus to be more of a bicycle centric.

65

00:08:56.310 --> 00:09:03.060

Greg Kreusser: place, I definitely think that there's a huge opportunity there for both students and teachers to.

66

00:09:03.690 --> 00:09:11.640

Greg Kreusser: just get on board with this movement, I definitely agree it is a very car central campus at the moment, but I think there.

67

00:09:12.600 --> 00:09:14.700

Greg Kreusser: I think a lot of people would benefit from having.

68

00:09:15.240 --> 00:09:25.290

Greg Kreusser: him bikes instead to say, I think it would clear up the roads, a bit more, I think, just environmentally it's really important to kind of make that transition as well, and I think a lot of.

69

00:09:25.860 --> 00:09:31.680

Greg Kreusser: bucknell ian's do really care about the environment, so I think having that transition just.

70

00:09:32.400 --> 00:09:43.230

Greg Kreusser: kind of come from a top down approach from the school and having the school provide a program that enable students to easily access a bike to lock a bike and.

71

00:09:43.470 --> 00:09:53.370

Greg Kreusser: Have a safe path to do so, I think, would really help drive that movement, and I think both students and professors would certainly be on board with that.

72

00:09:54.030 --> 00:10:03.600

Makenna Cerney: um I also think it was interesting i've just talked to someone in a previous interview, and they were saying, which I didn't know that bucknell actually used to have.

73

00:10:04.470 --> 00:10:13.110

Makenna Cerney: A straight roads straight through one of the quads and cars could just drive straight down there and so obviously that was transformed to a quad where you can only.

74

00:10:13.680 --> 00:10:29.580

Makenna Cerney: walk there so it's clear that we can make these changes to make it less accessible to the cars to encourage people to move around and other ways so knowing that were there was a big transformation over the years, I personally think that it's possible.

75

00:10:30.840 --> 00:10:32.700

Makenna Cerney: But I just didn't know that, so I was kind of cool.

76

00:10:32.760 --> 00:10:34.320

Greg Kreusser: yeah that's interesting I had no idea.

77

00:10:35.340 --> 00:10:47.640

Makenna Cerney: um okay so, then the last section are just on proposed solutions so um I guess knowing yourself and knowing you know what it was like on campus and knowing what your friends were like.

78

00:10:49.200 --> 00:10:59.640

Makenna Cerney: This is more kind of coming up with ways that what would specifically encourage you or others and what would be a solution to encourage people to bike more so my example.

79

00:11:00.540 --> 00:11:13.410

Makenna Cerney: I know just specifically for me, I really do enjoy biking and I did abroad, a lot, but one of the biggest inhibitors is because it isn't a norm, and I do feel that it's not really socially like i'm not socially comfortable doing it yet.

80

00:11:14.430 --> 00:11:17.490

Makenna Cerney: So one of the ways or my solution for that is to.

81

00:11:18.810 --> 00:11:25.860

Makenna Cerney: propose a bike to class day to kind of encourage other members of the Community to do it, so you get to see your peers do it, you get used to where.

82

00:11:27.180 --> 00:11:32.340

Makenna Cerney: You can figure out where to park your bike you know know your routes to class whatever.

83

00:11:33.810 --> 00:11:38.790

Makenna Cerney: So that's my specific solution so knowing that would that be something that you would have participated in.

84

00:11:39.300 --> 00:11:48.210

Greg Kreusser: yeah I think that's an awesome idea I think people would love them, I think you get a lot of participation, so I, I think, would also just help normalize it, I think, just seeing.

85

00:11:48.600 --> 00:11:55.620

Greg Kreusser: Everyone else bike and just get more comfortable with it, I think, would really start that transition, so I think that's an excellent idea.

86

00:11:56.520 --> 00:12:05.640

Makenna Cerney: um So do you have any solutions, looking back at your time that you know if you were like all if they implemented this or did that that would have encouraged you.

87

00:12:06.870 --> 00:12:22.290

Greg Kreusser: I think just having a free program from the schools where they actually provide the bikes I think I could speak for a lot of college students at the time, I really didn't have a lot of money to my name, so I wasn't really prone to purchasing mountain bike at the time.

88

00:12:22.500 --> 00:12:32.070

Greg Kreusser: But I think if the schools are really drive that and help provide that I think there are ways in which they can create a system that will return that.

89

00:12:32.580 --> 00:12:49.740

Greg Kreusser: Investment over time, but also enable students by providing them the bikes that they need and one really driving that change, so I just think that having that school manage program would be key for enabling more bike use.

90

00:12:50.160 --> 00:12:56.370

Makenna Cerney: yeah I agree, I think it's a lot of like a convenience thing because people walk just because they know they can do it and.

91

00:12:56.370 --> 00:13:06.360

Makenna Cerney: Then easiest way to get to class and it's also an accessibility, like where to get a bike a lot of students don't even know that they can you know rent a bike on campus so.

92

00:13:06.990 --> 00:13:17.880

Greg Kreusser: I think that's up the even transport from home so say you're coming from Connecticut it's just another thing to add into a car when you're trying to I mean transport all of your other.

93

00:13:19.230 --> 00:13:30.540

Greg Kreusser: Things from home, whether it's your clothes and whatever you're having for the dorm room or house, so I think just being able to kind of have a bike that's specific to the campus that you don't need to travel with would be really helpful.

94

00:13:31.890 --> 00:13:44.460

Makenna Cerney: I agree um Okay, so that was all my questions that I had and I try to keep these like 10 to 15 minutes that's perfect, but do you have anything that you remember from the survey or anything that we talked about that you want to add.

95

00:13:45.810 --> 00:13:50.520

Greg Kreusser: huh, what do you think would i'm curious what you do you mind if I ask you a question.

96

00:13:50.730 --> 00:13:51.270

Makenna Cerney: yeah sure.

97

00:13:51.300 --> 00:13:55.860

Greg Kreusser: What do you think is like the current biggest like obstacle for developing a program.

98

00:13:57.090 --> 00:14:07.620

Makenna Cerney: um well from the survey results, I think a lot of it has to do with safety that people don't necessarily feel safe sharing the roads with other cars.

99

00:14:08.220 --> 00:14:19.740

Makenna Cerney: We don't have wide enough infrastructure to allow kind of like a median and I also think that it does have a lot to do with the norms on campus and that it isn't really common.

100

00:14:20.730 --> 00:14:33.210

Makenna Cerney: So if you do bike at those stand out, I think, overall, like behaviourally people are very interested in wanting to ride a bike and they've responded that although they don't currently that they would you know wish to.

101

00:14:33.240 --> 00:14:40.770

Makenna Cerney: Almost every day, so I don't think that it's out of the question I just think that we kind of need to give people.

102

00:14:41.640 --> 00:14:57.870

Makenna Cerney: We need to figure out what the main issue is I infrastructure is definitely something that encourages people you know they'll feel safer, but I think in general it's a cultural shift that has to proceed, the actual physical changing the structure.

103

00:14:58.260 --> 00:15:12.270

Greg Kreusser: yeah and I really hadn't thought of that until you mentioned it, but I definitely agree if we can kind of change, the outlook of just how normal, it is to bike and creating like the right means of view, so I think it would definitely become much more of the norm.

104

00:15:12.510 --> 00:15:23.550

Makenna Cerney: yeah I also I was, I was surprised, a lot of people not too many people were concerned about the weather, it was mostly the actual bike lanes themselves.

105

00:15:23.820 --> 00:15:31.440

Makenna Cerney: i'm sure so um I don't think that snow and cold weather is as much of a concern as people believe that it is.

106

00:15:32.940 --> 00:15:36.600

Greg Kreusser: If anything, you know help you get out of the cold quicker walking.

107

00:15:36.660 --> 00:15:38.640

Makenna Cerney: Especially if there's a bikes so.

108

00:15:38.670 --> 00:15:39.480

Greg Kreusser: yeah exactly.

109

00:15:39.540 --> 00:15:46.200

Makenna Cerney: it's been pretty cool talking to people, I mean of course there's some people that don't you know aren't interested but you're going to get that with everything so.

110

00:15:46.710 --> 00:15:49.290

Makenna Cerney: Well, to hear their perspective to have why they don't want to.

111

00:15:49.440 --> 00:15:59.430

Makenna Cerney: yeah but that's all I have so I don't want this to be too long, but thank you so much for helping me and you'll definitely be in my thesis.

112

00:15:59.880 --> 00:16:00.450

Greg Kreusser: Of course.

PARTICIPANT 15

1

00:00:39.960 --> 00:00:40.860

Makenna Cerney: hi.

2

00:00:44.880 --> 00:00:45.270

Jacklyn Artale: Hello.

3

00:00:46.980 --> 00:00:47.820

Jacklyn Artale: it's working.

4

00:00:51.210 --> 00:00:56.250

Makenna Cerney: Okay Oh, I just have to inform you that this is recording.

5

00:00:57.360 --> 00:01:02.880

Makenna Cerney: And everything is anonymous that i'll be putting in my survey, but I see them make sure I have your consent.

6

00:01:04.080 --> 00:01:05.520

Makenna Cerney: That I can use this recording.

7

00:01:05.520 --> 00:01:06.900

Makenna Cerney: And you use information you say.

8

00:01:09.390 --> 00:01:09.780

Makenna Cerney: Second.

9

00:01:12.810 --> 00:01:13.710

Makenna Cerney: way you're frozen.

10

00:01:14.340 --> 00:01:16.320

Jacklyn Artale: Sorry yeah you first anyways it's back.

11

00:01:17.760 --> 00:01:20.730

Makenna Cerney: um but is that good I just need like a verbal consent.

12

00:01:21.300 --> 00:01:28.320

Makenna Cerney: Yes, Okay, so this should just take like 10 minutes and they're really easy questions so just answer honestly.

13

00:01:29.460 --> 00:01:41.580

Makenna Cerney: um so to start you don't have to say what you wrote in your cervix you probably don't remember, but how would you define a community that is breakable.

14

00:01:42.960 --> 00:01:50.820

Jacklyn Artale: Something that is flat ish something with a lane.

15

00:01:52.140 --> 00:01:54.000

Jacklyn Artale: Something.

16

00:01:55.830 --> 00:01:58.290

Jacklyn Artale: that's not that like far.

17

00:01:59.520 --> 00:02:00.060

Jacklyn Artale: Like.

18

00:02:01.830 --> 00:02:04.680

Jacklyn Artale: Maybe, just like a mile.

19

00:02:06.060 --> 00:02:11.880

Makenna Cerney: So it has a lot to do with like the physical environment and the accessibility, I guess.

20

00:02:12.150 --> 00:02:14.310

Makenna Cerney: Yes, okay.

21

00:02:15.630 --> 00:02:16.380

Makenna Cerney: um.

22

00:02:17.160 --> 00:02:21.690

Makenna Cerney: Okay, so the first couple questions when asked her just on your like General behavior and attitude.

23

00:02:21.780 --> 00:02:23.400

Makenna Cerney: towards biking just to.

24

00:02:23.820 --> 00:02:28.020

Makenna Cerney: get an understanding of how you feel so would you consider yourself a bike.

25

00:02:28.080 --> 00:02:28.290

or.

26

00:02:29.850 --> 00:02:30.600

Jacklyn Artale: No.

27

00:02:31.470 --> 00:02:40.260

Makenna Cerney: um So what do you normally on campus, what do you normally do to get to class do you and, like a normal year do you normally walk or do you drive.

28

00:02:41.190 --> 00:02:46.890

Jacklyn Artale: I walk I do not have a car, but even if I had a car, I would probably walk because I like to walk.

29

00:02:47.850 --> 00:02:58.350

Makenna Cerney: And so, do you think you walk instead of bike because you prefer it or is it that it's just convenient or why do you think you why you walk.

30

00:02:59.100 --> 00:03:04.770

Jacklyn Artale: I think I walk because it's convenient and if i'm carrying a heavy backpack.

31

00:03:06.180 --> 00:03:07.590

Jacklyn Artale: I would probably walk.

32

00:03:08.820 --> 00:03:11.760

Jacklyn Artale: Enough bike right and.

33

00:03:12.840 --> 00:03:15.870

Jacklyn Artale: I also often get hit by cars my ride bikes.

34

00:03:16.980 --> 00:03:18.000

Jacklyn Artale: Are not to put that in.

35

00:03:18.990 --> 00:03:25.710

Makenna Cerney: You would you ever consider biking if it like bucknell were to.

36

00:03:26.430 --> 00:03:32.790

Makenna Cerney: let's say this year if if this year we're different we had bike lanes and like a safer environment, do you think.

37

00:03:33.180 --> 00:03:37.200

Makenna Cerney: You could call biking up now, or do you think you would always be a Walker.

38

00:03:38.490 --> 00:03:40.530

Jacklyn Artale: I think if.

39

00:03:41.640 --> 00:03:46.890

Jacklyn Artale: I think if it was like socially acceptable at bucknell and, like everybody rode bikes.

40

00:03:47.940 --> 00:03:49.320

Jacklyn Artale: I think I would maybe do it.

41

00:03:51.300 --> 00:03:53.130

Makenna Cerney: yeah that's exactly how I feel.

42

00:03:53.640 --> 00:04:01.980

Makenna Cerney: yeah um Okay, so I know, in the past they've I know you don't drive but i'm normally to class but.

43

00:04:03.240 --> 00:04:11.040

Makenna Cerney: Do you think that there should be restrictions on cars on parking or Is this something that you think is just really annoying and is like.

44

00:04:12.120 --> 00:04:13.320

Makenna Cerney: Like we should get rid of.

45

00:04:13.830 --> 00:04:16.230

Jacklyn Artale: Our I remember when we were freshmen because I took this.

46

00:04:17.280 --> 00:04:30.540

Jacklyn Artale: Environmental like class I remember when we were freshmen they made that rule that, like the next year, you could only park like where you like you're like sticker was and where you live, just to.

47

00:04:32.820 --> 00:04:34.530

Jacklyn Artale: discourage people from.

48

00:04:35.700 --> 00:04:49.440

Jacklyn Artale: Driving class, because it is such a small campus, so I do kind of get the intent there and I think it does help, and I think it has kind of discouraged students to always drive on campus I feel like our freshman year there were definitely more cars.

49

00:04:49.740 --> 00:05:01.650

Jacklyn Artale: yeah during the day going places, so I think that it's good to like encourage walking and biking and other means and yeah it's annoying minutes like cold probably but second.

50

00:05:03.780 --> 00:05:07.950

Makenna Cerney: um okay so, then these questions are just on like the physical built environment.

51

00:05:09.270 --> 00:05:17.640

Makenna Cerney: So what ways, do you think the general like infrastructure on campus could be improved to better the safety for biking.

52

00:05:18.750 --> 00:05:20.130

Jacklyn Artale: Definitely, the lane.

54

00:05:23.820 --> 00:05:25.890

Jacklyn Artale: I think, maybe like a certain roof.

55

00:05:28.110 --> 00:05:28.740

Jacklyn Artale: i'm.

56

00:05:30.030 --> 00:05:34.860

Jacklyn Artale: A certain route that is like a little bit easier to get up rather than going up like the.

57

00:05:36.600 --> 00:05:37.980

Jacklyn Artale: Core roberts's like that.

58

00:05:37.980 --> 00:05:38.250

Makenna Cerney: yeah.

59

00:05:38.550 --> 00:05:42.300

Jacklyn Artale: You pill so maybe like a little like around thing or something.

60

00:05:42.420 --> 00:05:44.280

Makenna Cerney: yeah that's exactly what we said when I interviewed.

61

00:05:44.880 --> 00:05:46.710

Jacklyn Artale: yeah are.

62

00:05:51.570 --> 00:06:04.290

Makenna Cerney: You know, those are all good things, and then oh shoot and Okay, and if he bikes are brought to campus so electric bikes similar to like abroad and they had like lime scooters or stuff like.

63

00:06:04.290 --> 00:06:10.500

Makenna Cerney: That um do you think that you would use them, or do you think other students, would like to use them.

64

00:06:10.950 --> 00:06:14.850

Jacklyn Artale: I think people would definitely use them because we've already seen.

65

00:06:18.000 --> 00:06:22.920

Jacklyn Artale: And we've already seen, like some like the speed boys, I mean you wouldn't put that, but there have definitely been.

66

00:06:25.410 --> 00:06:32.100

Jacklyn Artale: An increase in motorized bikes and vespas and stuff on campus.

67

00:06:32.130 --> 00:06:32.400

Makenna Cerney: Right.

68

00:06:32.850 --> 00:06:34.320

Jacklyn Artale: I mean we've already seen that.

69

00:06:34.590 --> 00:06:39.000

Makenna Cerney: So if there was a station where they were Where would you put them on campus.

70

00:06:41.430 --> 00:06:43.770

Jacklyn Artale: Probably near.

71

00:06:46.080 --> 00:06:47.010

Jacklyn Artale: The bison.

72

00:06:48.270 --> 00:06:55.740

Jacklyn Artale: So that that like gets kind of like the downtown area and then maybe on like the science quarter or something.

73

00:06:56.580 --> 00:07:02.790

Jacklyn Artale: And then maybe up over by like the Observatory trying to get like three corners of campus.

74

00:07:02.820 --> 00:07:05.700

Makenna Cerney: Yes, and then what about like the mods.

75

00:07:06.480 --> 00:07:07.950

Jacklyn Artale: Oh yeah forgot that those exist.

76

00:07:08.040 --> 00:07:24.450

Makenna Cerney: I know the mods are not even real Okay, and then you kind of mentioned this before, but the sections on societal environment so it's basically like the norms on campus so from your perspective, do you think that it's considered cool to ride a bike on campus.

77

00:07:25.620 --> 00:07:26.460

Jacklyn Artale: No.

78

00:07:27.570 --> 00:07:30.240

Makenna Cerney: I agree, I think it's not good sir cool.

79

00:07:30.600 --> 00:07:42.480

Makenna Cerney: yeah um So do you think that, if it was the most popular form of transportation and, like everyone rode their bikes class would that influence you to ride your bike to class.

80

00:07:43.170 --> 00:07:44.040

Jacklyn Artale: I think so.

81

00:07:45.300 --> 00:07:45.810

Makenna Cerney: So.

82

00:07:46.890 --> 00:07:50.940

Makenna Cerney: Would you say that, like the norms on campus have an impact on.

83

00:07:50.970 --> 00:07:52.080

Jacklyn Artale: Yes, yes.

84

00:07:52.830 --> 00:08:01.200

Makenna Cerney: Okay um and then Lastly, do you think that students and staff could be convinced to.

85

00:08:02.520 --> 00:08:06.570

Makenna Cerney: I guess because right now it's like a very automobile centric campus.

86

00:08:06.870 --> 00:08:07.290

Jacklyn Artale: You.

87

00:08:07.320 --> 00:08:11.550

Makenna Cerney: think that they could be persuaded in the future to.

88

00:08:12.840 --> 00:08:15.300

Makenna Cerney: I guess encourage them more bike Center campus.

89

00:08:16.620 --> 00:08:19.110

Jacklyn Artale: um yeah I think even just like.

90

00:08:20.340 --> 00:08:21.210

Jacklyn Artale: If you get like.

91

00:08:22.500 --> 00:08:27.390

Jacklyn Artale: The sororities and fraternities to do it, I think that that would be.

92

00:08:27.780 --> 00:08:33.960

Makenna Cerney: No that's like that's so many people have said that that Greek life are they kind of set like the norms on campus.

93

00:08:34.050 --> 00:08:39.600

Makenna Cerney: yeah just because that's makes it like a good fortune of I don't know everyone so.

94

00:08:39.780 --> 00:08:41.310

Makenna Cerney: yeah that's a good place to start.

95

00:08:42.630 --> 00:08:47.400

Makenna Cerney: um Okay, and then just on proposed solutions.

96

00:08:49.440 --> 00:08:56.640

Makenna Cerney: You kind of mentioned this, I know it's a little bit repetitive, but what are some ways that knowing yourself.

97

00:08:57.120 --> 00:09:07.530

Makenna Cerney: What are some things that would encourage you to start biking it could be anything, it could be like something for norms, it could be like the physical environment, it could even just be like being able to rent a bike.

98

00:09:12.300 --> 00:09:15.900

Jacklyn Artale: yeah I feel like them, the motorbike the renting the bike.

99

00:09:17.610 --> 00:09:18.840

Jacklyn Artale: All good stuff.

100

00:09:22.860 --> 00:09:25.470

Jacklyn Artale: um what else then.

101

00:09:26.040 --> 00:09:28.740

Makenna Cerney: I know kind of hard question um.

102

00:09:30.090 --> 00:09:36.900

Makenna Cerney: And then, my last question is okay, so my proposed solution, because I know for myself, I have.

103

00:09:37.440 --> 00:09:51.270

Makenna Cerney: I am like really uncomfortable with riding a bike, even though I want to I feel like it's just not a norm, so I one of my solutions is to have a bike to class day so everyone kind of like gets used to like going to class knowing where to park your bike seeing other people.

104

00:09:51.270 --> 00:09:57.870

Makenna Cerney: yeah um so if that were something that happened like maybe once a semester, would you participate in that.

105

00:09:58.890 --> 00:10:02.970

Jacklyn Artale: yeah I think that would be cool I would probably still walk, though.

106

00:10:03.360 --> 00:10:10.800

Makenna Cerney: yeah well that's okay like um it's interesting to see like if people truly would want to like or like.

107

00:10:10.950 --> 00:10:11.400

Jacklyn Artale: yeah.

108

00:10:11.670 --> 00:10:17.940

Makenna Cerney: The mixed, but I think, even if we just had, like some walkers are some bikers, just like see other people doing it to make it.

109

00:10:17.940 --> 00:10:18.630
yeah.

110
00:10:20.340 --> 00:10:26.010
Makenna Cerney: that's my solution um okay that's all my questions do you have anything else you want to add.

111
00:10:27.600 --> 00:10:29.100
Jacklyn Artale: um no.

112
00:10:30.900 --> 00:10:32.580
Makenna Cerney: Well, that was perfect, that was 10 minutes.

113
00:10:33.090 --> 00:10:40.740
Makenna Cerney: yay your participant 15 so what it's done, you can see if you're in it well you're definitely going to be in it.

PARTICIPANT 16

2
00:01:04.590 --> 00:01:12.330
Makenna Cerney: Anything you say I can use My thesis but it's all anonymous and thank your participants 11.

3
00:01:12.450 --> 00:01:18.690
Makenna Cerney: So you under breeding you'll know Okay, so you took the survey right.

4
00:01:19.320 --> 00:01:19.650
Wilder Brice: yeah.

5
00:01:19.710 --> 00:01:20.700
Makenna Cerney: That I sent like over.

6
00:01:22.650 --> 00:01:23.250
Makenna Cerney: um.

7
00:01:24.360 --> 00:01:34.950
Makenna Cerney: So i'm just gonna ask a few questions and i'll take like 10 minutes, but just answer like obviously honestly um Okay, so how would you define a bicycle community.

8
00:01:36.840 --> 00:01:40.320
Wilder Brice: I think that having the infrastructure.

9
00:01:41.790 --> 00:01:45.570
Wilder Brice: Within like bike paths, as well as.

10
00:01:46.710 --> 00:01:47.580
Wilder Brice: Having a.

11
00:01:49.650 --> 00:01:57.750
Wilder Brice: Committee Community that is fighting for the safety of those that are moving about by bicycle.

12
00:01:59.250 --> 00:02:00.780
Wilder Brice: determine whether or not it's.

13
00:02:01.860 --> 00:02:04.560

Wilder Brice: A bicycle or a community.

14

00:02:05.670 --> 00:02:10.200

Makenna Cerney: So it's like a mixture of like infrastructure, as well as like Community norms.

15

00:02:10.290 --> 00:02:11.790

Wilder Brice: And yes, yeah.

16

00:02:13.050 --> 00:02:17.610

Makenna Cerney: um So do you currently bike at bucknell.

17

00:02:18.810 --> 00:02:19.410

Wilder Brice: I do not.

18

00:02:20.490 --> 00:02:22.260

Makenna Cerney: And could you see yourself biking in the future.

19

00:02:23.460 --> 00:02:25.020

Wilder Brice: Yes, and I want to.

20

00:02:25.620 --> 00:02:29.250

Makenna Cerney: So what would it take in order for you to start biking.

21

00:02:32.400 --> 00:02:35.700

Wilder Brice: I think that it would probably.

22

00:02:37.980 --> 00:02:39.390

Wilder Brice: require more of.

23

00:02:40.590 --> 00:02:47.070

Wilder Brice: A Community effort or like support behind it alright if other people did that, then I would feel more comfortable doing it.

24

00:02:48.420 --> 00:02:53.910

Makenna Cerney: um so right now, do you normally like walk around campus or do you drive.

25

00:02:54.750 --> 00:02:55.680

Wilder Brice: I normally walk.

26

00:02:56.880 --> 00:03:00.030

Makenna Cerney: Okay, and do you think that's just because it's like convenient.

27

00:03:02.130 --> 00:03:06.720

Makenna Cerney: or like, why do you think you choose to walk versus any other mode of transportation.

28

00:03:08.640 --> 00:03:14.130

Wilder Brice: I think it's convenient there's not great parking and I don't currently have a bike at school.

29

00:03:15.300 --> 00:03:23.940

Makenna Cerney: um so if they're so I know, in the past they've done like stuff on campus with like parking stickers.

30

00:03:25.080 --> 00:03:30.930

Makenna Cerney: So where you could only park in like the northern campus or whatever, do you think restrictions like these are.

31

00:03:32.130 --> 00:03:39.120

Makenna Cerney: helpful and like beneficial in order to increase the amount of what walking and biking or do you think that they're just like annoying.

32

00:03:40.140 --> 00:03:55.140

Wilder Brice: I think they're very helpful I don't think that we have enough parking on our campus to support people just driving the class every day and people would waste time trying to park in like central campus near at the library.

33

00:03:55.710 --> 00:04:03.990

Wilder Brice: And I also do think that whether students, like it or not, it does encourage people walking or finding other modes of transportation to class.

34

00:04:04.380 --> 00:04:08.220

Wilder Brice: Which is beneficial for our Community and a lot of different ways.

35

00:04:09.900 --> 00:04:10.590

Makenna Cerney: um.

36

00:04:11.910 --> 00:04:27.570

Makenna Cerney: What ways like specifically on campus can the general infrastructure be improved to better biking so like better the safety and encourage people to start biking.

37

00:04:34.920 --> 00:04:35.910

Wilder Brice: that's good question.

38

00:04:36.330 --> 00:04:38.580

Makenna Cerney: It could be it could be like anything like.

39

00:04:39.180 --> 00:04:40.380

Makenna Cerney: People have said.

40

00:04:41.700 --> 00:04:49.140

Makenna Cerney: anything from like just signs or something more physical like likely ins or more parking it could.

41

00:04:49.290 --> 00:04:51.300

Makenna Cerney: I don't know what what are certain things that you think.

42

00:04:51.330 --> 00:04:53.550

Wilder Brice: yeah I think bit.

43

00:04:54.630 --> 00:05:04.650

Wilder Brice: Obviously, in a more expensive routes bike lanes and that would be awesome if we had bike lanes, but I do think that, if.

44

00:05:05.820 --> 00:05:23.880

Wilder Brice: drivers on campus we're safer, I know that people kind of roll through stops and even as a pedestrian I feel unsafe at times crossing different streets without like looking both ways and being very cautious, so making decreasing.

45

00:05:24.900 --> 00:05:29.820

Wilder Brice: I think it's kind of a chicken or the egg but decreasing car traffic on campus would be huge.

46

00:05:30.270 --> 00:05:34.110

Makenna Cerney: yeah because as car traffic like lessons and it'll become safer, but.

47

00:05:34.200 --> 00:05:35.280

Makenna Cerney: it's like, how do you do that.

48

00:05:35.730 --> 00:05:40.980

Makenna Cerney: Right um so if he bikes were brought to campus do you think you would use them.

49

00:05:42.780 --> 00:05:47.730

Wilder Brice: um in certain instances, yes, I think that.

50

00:05:49.290 --> 00:05:56.250

Wilder Brice: When it's really cold outside, there are certain walks around campus that are not quite enjoyable.

51

00:05:56.490 --> 00:05:58.380

Wilder Brice: And so I definitely would I would use it.

52

00:05:59.160 --> 00:06:00.600

Wilder Brice: You know, once or twice a week.

53

00:06:01.290 --> 00:06:03.540

Makenna Cerney: And were on campus would you station.

54

00:06:05.730 --> 00:06:12.720

Wilder Brice: um I would say that it's important to have stations that are.

55

00:06:15.000 --> 00:06:20.280

Wilder Brice: By the library in between, maybe swartz Coleman and.

56

00:06:21.900 --> 00:06:24.360

Wilder Brice: The Lib and then.

57

00:06:25.620 --> 00:06:26.760

Wilder Brice: Also, have.

58

00:06:28.230 --> 00:06:33.810

Wilder Brice: A downhill station and then so that can be over by.

59

00:06:36.180 --> 00:06:38.550

Wilder Brice: Maybe like better in the art building.

60

00:06:38.820 --> 00:06:49.500

Wilder Brice: yeah so that you have kind of two main ports on different sides of campus so that people that are going uphill can take it or going downhill can take it.

61

00:06:50.670 --> 00:07:00.900

Wilder Brice: I also think that putting it in places where people get food is a good idea, food and residences trying to find a central location so maybe by the senior apartments but also be a good idea.

62

00:07:01.260 --> 00:07:12.510

Makenna Cerney: yeah I feel like a lot of people have said, like all of those places um OK, so those last section is just on like General norms on cameras you kind of talked about this before, but.

63

00:07:13.080 --> 00:07:23.490

Makenna Cerney: um do you think at bucknell it's considered either like cool or like a norm, to be able to ride a bike like, how do you feel socially not riding a bike.

64

00:07:24.330 --> 00:07:34.620

Wilder Brice: um I know that there's a cycling like club and then I also see professors that ride around campus like to end, from class sometimes.

65

00:07:37.380 --> 00:07:41.160

Wilder Brice: I envy them but I don't think that it's normalized.

66

00:07:41.280 --> 00:07:48.540

Wilder Brice: I think they stand out, I noticed them, whereas if everyone did it, then I would just be like oh that's part of.

67

00:07:48.960 --> 00:07:50.460

Wilder Brice: Right smells culture.

68

00:07:51.210 --> 00:08:04.380

Makenna Cerney: So if everyone switched a biking and like it was like the most common form of transportation on campus like everyone back to class, do you think that would be influential to do you think you would also switch.

69

00:08:06.270 --> 00:08:12.300

Wilder Brice: mode yeah hundred percent I do think that some parts of campus are easier to walk to but.

70

00:08:13.320 --> 00:08:25.800

Wilder Brice: Since we are pretty residential on the campus isn't huge, but I would definitely I would not drive anywhere, and I would definitely bike probably once a day to class or two different buildings.

71

00:08:26.400 --> 00:08:34.590

Makenna Cerney: um and then the last question on norms so knowing that bucknell is very like automobile centric and.

72

00:08:35.490 --> 00:08:43.140

Makenna Cerney: A lot of people do have like access to drive like a lot of places on campus and it's really easy, do you think that we're going to be stuck.

73

00:08:43.590 --> 00:08:53.820

Makenna Cerney: As always in the cycle of people, bringing their cars and easily having them, or do you think over time, we could switch to a either by eccentric or more walkable.

74

00:08:55.110 --> 00:08:55.800

Makenna Cerney: campus.

75

00:08:57.810 --> 00:09:23.160

Wilder Brice: I think that the campus is very bike friendly in some ways, where it could easily switch but the remote aspect of lewisburg is hard for some people to not have transportation so to get giant or.

76

00:09:24.210 --> 00:09:31.200

Wilder Brice: You know grocery store is requires driving in most cases, unless you want to cross 15 on a bike.

77

00:09:32.520 --> 00:09:53.430

Wilder Brice: So I feel that the campus could be I do think that the campus could change where biking is more normalized and utilize more, but I do think that there will always be somewhat of a car culture based off of the remote aspect of the campus in regards to just being a rural town.

78

00:09:54.750 --> 00:09:55.890

Makenna Cerney: I completely agree with that.

79

00:09:56.940 --> 00:09:57.540

Makenna Cerney: um.

80

00:09:58.620 --> 00:10:16.170

Makenna Cerney: Okay, and then just the last section is just on proposed solutions, so one of mine is a lot of people have difficulties with the norms on campus because they want to ride a bike but they just feel like it's not acceptable um so one of mine was to have like a bike to class day.

81

00:10:17.310 --> 00:10:25.110

Makenna Cerney: Where we make it like a school initiative so that you can see other people doing it and kind of understand like where to park your bike and kind of get used to it.

82

00:10:26.310 --> 00:10:28.740

Makenna Cerney: So, if this were to happen, would you participate.

83

00:10:30.990 --> 00:10:31.440

Wilder Brice: I would.

84

00:10:32.070 --> 00:10:48.090

Makenna Cerney: um and then knowing yourself and knowing like your friends, what are some proposed solutions, and this could be like on based on norms, or just based on like you know, a specific spot on campus like what are some solutions that you think.

85

00:10:49.980 --> 00:10:51.330

Makenna Cerney: could benefit.

86

00:10:52.530 --> 00:10:53.220

Makenna Cerney: bikers.

87

00:10:54.480 --> 00:11:00.180

Wilder Brice: I would target, I think, targeting seniors that live off campus.

88

00:11:01.620 --> 00:11:02.610

Wilder Brice: Through.

89

00:11:05.430 --> 00:11:18.360

Wilder Brice: I don't know exactly how you would do that, but in terms of living off campus and coming to class that's the longest distance maybe if you lived in bucknell West like the mods.

90

00:11:19.800 --> 00:11:29.610

Wilder Brice: Then, that would also be but targeting populations that live far away from the Center of campus which i'm thinking of is like malice already in the science quad.

91

00:11:31.860 --> 00:11:38.400

Wilder Brice: and trying to like when you move in or when you sign up to live there having housing.

92

00:11:40.380 --> 00:11:48.090

Wilder Brice: kind of encourage you to utilize the resources of biking as a mode of transportation around campus.

93

00:11:48.360 --> 00:11:51.060

Wilder Brice: mm hmm does that kind of answer your question I.

94

00:11:51.060 --> 00:11:51.930

Makenna Cerney: Know that's perfect.

95

00:11:52.350 --> 00:12:01.470

Makenna Cerney: um it's just to like kind of spark ideas on like what people think would encourage them or encourage, like others, so there's no like specific answer but it's just.

96

00:12:02.160 --> 00:12:10.980

Makenna Cerney: brainstorming because i've had i've been in like interviewing like all different types of people so i've had like some engineers give like really.

97

00:12:11.550 --> 00:12:23.310

Makenna Cerney: Like structural changes like one was like to have a bike path that's like zigzag up a hill so that it's easier to get up so just like it like literally anything but yeah no that's perfect.

98

00:12:23.970 --> 00:12:33.240

Makenna Cerney: um That was all my questions that I have like structured, but is there anything else that you thought of what we're talking or from the survey that you want to add.

99

00:12:34.620 --> 00:12:36.030

Wilder Brice: um.

100

00:12:37.770 --> 00:12:46.650

Wilder Brice: I guess in terms of what I don't know enough about what about bucknell currently offers in terms of bikes do you have information in terms of.

101

00:12:48.180 --> 00:12:51.690

Wilder Brice: specifics on like what the outdoor.

102

00:12:55.050 --> 00:12:56.100

Wilder Brice: I don't even know what it's called.

103

00:12:56.520 --> 00:12:56.790

yeah.

104

00:12:57.810 --> 00:13:00.690

Wilder Brice: Has outdoor resources have on campus in terms.

105

00:13:00.810 --> 00:13:01.320

Makenna Cerney: of someone.

106

00:13:01.800 --> 00:13:06.540

Makenna Cerney: Someone asked you that and i've been like looking into that too, and then like I didn't realize that they do actually have like.

107

00:13:07.740 --> 00:13:15.270

Makenna Cerney: Like you can rent a bike and like they all have stuff offered, but no one knows about it so like that's part of the issue that i'm trying to like fix.

108

00:13:15.720 --> 00:13:29.100

Makenna Cerney: Is make it more like available to students, because a lot of people would bike to the rail trail or like bike on campus they just don't even know that that's an option so i'm trying to like kind of uncover where the miscommunication is.

109

00:13:30.720 --> 00:13:31.350

Wilder Brice: Also.

110

00:13:31.500 --> 00:13:33.090

Wilder Brice: yeah sorry go ahead.

111

00:13:33.540 --> 00:13:49.680

Makenna Cerney: I was just gonna say but, like the main goal is to just try to um I guess make it so that we can bike more and like it's really it's honestly like really easy and really possible but we just haven't done it yet and also he bikes would honestly be.

112

00:13:50.820 --> 00:14:01.020

Makenna Cerney: Because i'm this is through the economics department so i'm looking at like a lot of things like financially and he bikes would actually be like super beneficial, because if we made kids like pay for it, like per mile.

113

00:14:01.470 --> 00:14:01.770

Wilder Brice: They would.

114

00:14:01.830 --> 00:14:07.860

Makenna Cerney: Pay themselves off and like very quickly so, and if we use like a private company, it would be like really cheap.

115

00:14:09.000 --> 00:14:12.360

Makenna Cerney: Like really feasible, but obviously right now with the pandemic it's like not.

116

00:14:12.990 --> 00:14:15.630

Makenna Cerney: On people's like top of the list, but.

117

00:14:15.990 --> 00:14:18.360

Wilder Brice: yeah the one other thing that I would.

118

00:14:20.400 --> 00:14:22.320

Wilder Brice: there's a bike store.

119

00:14:23.670 --> 00:14:27.750

Wilder Brice: I think it's called URLs off of the rail trail.

120

00:14:29.070 --> 00:14:36.930

Wilder Brice: And I know that they did a discount for people that were on the club cycling team for.

121

00:14:37.920 --> 00:14:41.850

Wilder Brice: cycling yeah i've looked into it and.

122

00:14:43.860 --> 00:15:00.690

Wilder Brice: I don't know, I think that that can be cool in terms of encouraging so you You attack it from a school side, where you have the you know he bikes or resources offered by outdoor leadership education, whatever we call it.

123

00:15:02.730 --> 00:15:18.120

Wilder Brice: And then you have more of the we also want to foster community that takes its biking culture elsewhere, there are a bunch of people up now that financially, it would make sense for them to buy a bike if they're going to use it.

124

00:15:19.290 --> 00:15:22.050

Wilder Brice: Right now for eight years.

125

00:15:23.220 --> 00:15:31.860

Wilder Brice: And so, supporting a local business if there's like a negotiation of a student discount or something like that that can be really cool.

126

00:15:32.550 --> 00:15:40.470

Wilder Brice: i'm sure there are other bike shops nearby but that's the one that I knew of that did something and I know that they have ties to giant, which is a pretty good brand.

127

00:15:41.010 --> 00:15:48.150

Makenna Cerney: yeah and i'm like that's what i've been looking at it's like who does send this to because i'm basically like my whole thesis i'm going to.

128

00:15:49.080 --> 00:15:53.640

Makenna Cerney: Once i'm finished i'm going to send it obviously like the sustainability Community or.

130

00:16:07.560 --> 00:16:11.220

Wilder Brice: No that's awesome i've been literally working on it for like a year now.

131

00:16:12.360 --> 00:16:15.840

Makenna Cerney: But I only have to interview five more people out after you for.

132

00:16:16.530 --> 00:16:19.140

Makenna Cerney: Sorry six and 1016 people so that's cool.

133

00:16:19.890 --> 00:16:22.230

Makenna Cerney: that's nice but that's basically it so.

134

00:16:23.310 --> 00:16:23.640

Wilder Brice: awesome.

135

00:16:24.060 --> 00:16:24.360

Thanks.

PARTICIPANT 17

1

00:00:35.550 --> 00:00:36.390

Mirah Koota: Can you hear me.

2

00:00:36.600 --> 00:00:37.080

Makenna Cerney: yeah.

3

00:00:37.110 --> 00:00:40.290

Mirah Koota: Thank you so glad to hear you why can I hear you.

4

00:00:41.790 --> 00:00:42.540

Makenna Cerney: I don't know.

5

00:00:45.990 --> 00:00:49.290

Mirah Koota: i'm gonna wait until I get to a stop sign i'm almost at a stop sign.

6

00:00:49.770 --> 00:00:50.220

Okay.

7

00:01:05.910 --> 00:01:06.600

Mirah Koota: Can you talk now.

8

00:01:07.170 --> 00:01:07.650

hey.

9

00:01:11.910 --> 00:01:14.070

Makenna Cerney: One more thing hey cool.

10

00:01:14.700 --> 00:01:23.160

Makenna Cerney: Okay um, so this is recording I just have to let you know that, because i'm I need consent that.

11

00:01:24.180 --> 00:01:29.340

Makenna Cerney: You are obviously being recorded in that things that you say I can use in my thesis so is that OK, with you.

12

00:01:30.480 --> 00:01:30.900

Mirah Koota: Yes.

13

00:01:32.430 --> 00:01:41.610

Makenna Cerney: Okay, so um this will be really quick I just need you to answer things honestly i'm and i'm not looking for any certain answers so.

14

00:01:42.810 --> 00:01:48.180

Makenna Cerney: um Okay, so how would you define a bicultural Community or campus.

15

00:01:52.380 --> 00:01:54.030

Mirah Koota: Is I would say.

16

00:01:57.120 --> 00:02:01.560

Mirah Koota: Well, like if it doesn't have anything else or big.

17

00:02:03.120 --> 00:02:10.260

Mirah Koota: it's like there's something in place to help people, I would also say like.

18

00:02:11.640 --> 00:02:14.850

Mirah Koota: Oh, I see stuff like that.

19

00:02:15.420 --> 00:02:15.930

Right.

20

00:02:19.290 --> 00:02:26.730

Makenna Cerney: So it has a lot to do with like the physical built environment and, like the accessibility of a community would you say.

21

00:02:27.690 --> 00:02:38.610

Makenna Cerney: yeah okay um okay so, then the first couple questions are just your general like behaviors and attitudes towards biking So do you currently bike on campus.

22

00:02:40.830 --> 00:02:49.590

Makenna Cerney: um do you think if there was measures put in place to enhance like like the biking community on campus that you could see yourself biking ever.

23

00:02:50.580 --> 00:02:51.450

Mirah Koota: Oh yeah.

24

00:02:52.680 --> 00:02:53.250

Makenna Cerney: um.

25

00:02:53.760 --> 00:03:00.840

Makenna Cerney: So what do you currently what's your current like mode of transportation, are you a Walker or do you drive mostly on campus.

26

00:03:01.830 --> 00:03:05.190

Mirah Koota: I usually walk I honestly don't use my car that much.

27

00:03:05.730 --> 00:03:11.190

Makenna Cerney: And do you think you prefer to walk because it's convenient or like, why do you choose to walk.

28

00:03:12.480 --> 00:03:15.660

Mirah Koota: um I think it's more convenient.

29

00:03:19.020 --> 00:03:20.550

Mirah Koota: yeah I like walks.

30

00:03:22.350 --> 00:03:35.700

Makenna Cerney: um so I know, in the past, there has been some restrictions on cars with parking do you think that this is something that is beneficial in order to increase walking or biking on campus or do you think it's really annoying and that we should get rid of it.

31

00:03:36.630 --> 00:03:54.570

Mirah Koota: I definitely not like last people drive because of parking, which is good, I mean that's like one of the reasons why I don't try and like not just this year, but in past years, like I didn't want to lose my parking spot, so I would like my spot.

32

00:03:56.490 --> 00:03:56.880

Makenna Cerney: Right.

33

00:03:58.320 --> 00:03:58.890

Makenna Cerney: um.

34

00:03:59.910 --> 00:04:13.230

Makenna Cerney: Okay, so, then these questions are just on the built environment, so what ways, do you think that the general infrastructure on campus can be improved to better safety.

35

00:04:15.090 --> 00:04:15.180

I.

36

00:04:17.820 --> 00:04:21.690

Mirah Koota: think that that till like the main one.

37

00:04:24.480 --> 00:04:29.490

Mirah Koota: That could be safer because i've seen lots of people like slip on that line.

38

00:04:31.410 --> 00:04:33.210

Mirah Koota: goes, all the way from.

39

00:04:35.460 --> 00:04:43.350

Mirah Koota: Seventh street so I couldn't like see myself being able to like up and down there just because I know that it's like hard to walk on.

40

00:04:43.650 --> 00:04:44.130

Right.

41

00:04:45.480 --> 00:04:49.710

Makenna Cerney: yeah a lot of people have said that Hill and a lot of the engineers that, like the.

42

00:04:50.760 --> 00:05:02.250

Makenna Cerney: mechanical engineers, they have like come up with specific ways to make it so that it's less like straight up or like you know, come up with different ideas, so I think that's like really interesting so a lot of people have mentioned that hell.

43

00:05:03.660 --> 00:05:04.650

Makenna Cerney: um.

44

00:05:06.420 --> 00:05:10.230

Makenna Cerney: So, if he bikes are brought to campus would you use them.

45

00:05:11.910 --> 00:05:12.420

Mirah Koota: Definitely.

46

00:05:13.320 --> 00:05:16.890

Makenna Cerney: And where on campus do you think you would have been stationed.

47

00:05:18.570 --> 00:05:19.620

Mirah Koota: Like definitely.

48

00:05:21.030 --> 00:05:25.590

Mirah Koota: By the bottom of that hill probably like seven street CAFE I feel like that's a good spot.

49

00:05:25.950 --> 00:05:28.530

Mirah Koota: yeah and then probably.

50

00:05:30.120 --> 00:05:35.880

Mirah Koota: up by the library, maybe some behind that engineering buildings for the engineers.

51

00:05:36.240 --> 00:05:41.490

Makenna Cerney: yeah so just kind of like a like a little bit like some station kind of.

52

00:05:42.540 --> 00:05:44.070

Makenna Cerney: dispersed around campus.

53

00:05:46.470 --> 00:06:02.400

Makenna Cerney: um Okay, and then this last section is on the societal environment epoch now so do you personally think that it's considered like cool or socially normal to ride a bike on campus.

54

00:06:05.880 --> 00:06:09.960

Mirah Koota: I see a decent amount of people like electric scooters.

55

00:06:11.220 --> 00:06:14.100

Mirah Koota: But I I don't know if they take them to class all the time.

56

00:06:15.270 --> 00:06:19.170

Makenna Cerney: So, would you yourself feel socially comfortable riding a bike to class.

57

00:06:20.310 --> 00:06:24.150

Mirah Koota: No only because, like I haven't bikes aid like yours.

58

00:06:26.610 --> 00:06:31.410

Mirah Koota: So I like just literally I don't even know if I remember like how to stop.

59

00:06:32.670 --> 00:06:33.570

Mirah Koota: On a bike.

60

00:06:34.530 --> 00:06:35.040

yeah.

61

00:06:36.570 --> 00:06:37.260

Makenna Cerney: i'm.

62

00:06:38.610 --> 00:06:40.530

Makenna Cerney: Do you think like if.

63

00:06:43.020 --> 00:06:50.040

Makenna Cerney: It was if more people back to class, who was way more popular than it is now do you think that would influence you to begin biking.

64

00:06:51.780 --> 00:06:58.620

Mirah Koota: um yeah I could see that but, like I could also see the opposite where that I would be like insecure about how bad I.

65

00:06:59.340 --> 00:07:09.660

Makenna Cerney: Right yeah so that's what i'm getting getting out is to see it, whether or not people don't bike because it's like an infrastructure issue or if it's just like a general like.

66

00:07:10.290 --> 00:07:19.800

Makenna Cerney: They don't feel socially comfortable with it, and they are comfortable with themselves yeah biking which it seems like a lot of people have kind of said that so.

67

00:07:20.760 --> 00:07:32.970

Makenna Cerney: that's kind of the point of the societal environment questions um because I feel that way too I feel like a like I want a bike but i'm a little bit too insecure to do it right now we just because it's not.

68

00:07:34.170 --> 00:07:36.900

Makenna Cerney: Like acceptable really on campus.

69

00:07:38.250 --> 00:07:38.760

Makenna Cerney: um.

70

00:07:40.110 --> 00:07:56.160

Makenna Cerney: Okay, so the last sets of questions are just on proposed solutions, so one of my proposed solutions is like I mentioned how it's not necessarily a norm on campus in order to kind of encourage us to become a norm.

71

00:07:57.210 --> 00:07:59.880

Makenna Cerney: I thought of the idea of having a bike to class day.

72

00:08:01.080 --> 00:08:02.640

Makenna Cerney: So, if that were.

73

00:08:03.720 --> 00:08:08.190

Makenna Cerney: Like like a day on campus or everyone was given an opportunity to rent a bike.

74

00:08:09.270 --> 00:08:10.710

Makenna Cerney: Would you participate in it.

75

00:08:12.750 --> 00:08:16.140

Mirah Koota: um yeah, but I feel like there's got to be some sort of motivation.

76

00:08:16.410 --> 00:08:19.770

Makenna Cerney: Like free food all right yeah.

77

00:08:19.950 --> 00:08:28.350

Makenna Cerney: So that was the next thing I was going to ask So what are other proposed solution so that could be like incentives like you mentioned, it could be.

78

00:08:29.640 --> 00:08:33.420

Makenna Cerney: You know, it could be anything what are some solutions that you think would encourage people like.

79

00:08:33.750 --> 00:08:42.180

Mirah Koota: um I think that that's like maybe one of the Greek organizations like let that that not like takes like an entire group of the population.

80

00:08:43.170 --> 00:08:54.450

Mirah Koota: Of one sorority or fraternity was what was running that like usually reorganization sign up for other organizations fundraisers so I can see that, like making it bay.

81

00:08:54.840 --> 00:08:55.320

yeah.

82

00:08:56.760 --> 00:09:05.310

Makenna Cerney: A lot of people have said that just because the Greek organizations are so big at bucknell so they kind of kind of they set like the norms on campus because they do kind of.

83

00:09:05.670 --> 00:09:19.890

Makenna Cerney: initiate like what is cool and what is like everyone else is doing, because it is the majority of the student body, so I agree, I think it's like a couple France or sororities like were involved that that would kind of set a tone.

84

00:09:21.390 --> 00:09:26.520

Makenna Cerney: um okay that's Those are all my questions you have anything you want to add or anything you were thinking of while we were speaking.

85

00:09:28.080 --> 00:09:28.620

Mirah Koota: i'm.

86

00:09:30.240 --> 00:09:31.380

Sorry i'm taking a turn I.

87

00:09:32.730 --> 00:09:33.420

Mirah Koota: think so.

88

00:09:35.250 --> 00:09:37.590

Makenna Cerney: Thank you so much, I was perfect.

89

00:09:39.000 --> 00:09:39.630

Mirah Koota: Thank you.

PARTICIPANT 18

1
00:00:59.970 --> 00:01:01.620
Makenna Cerney: hi.

2
00:01:02.190 --> 00:01:03.300
Hello.

3
00:01:05.100 --> 00:01:13.770
Makenna Cerney: i'm so I just have to inform you that this is recording and that anything you say I can use in my thesis.

4
00:01:15.090 --> 00:01:16.050
Makenna Cerney: So is that OK, with you.

5
00:01:16.920 --> 00:01:18.960
Makenna Cerney: Yes, it will be anonymous.

6
00:01:21.180 --> 00:01:21.750
Makenna Cerney: So.

7
00:01:22.860 --> 00:01:27.870
Makenna Cerney: First question how would you define a bicultural community.

8
00:01:29.970 --> 00:01:36.990
Alex Butz: um I would think of a community that has bike paths on the road i'm.

9
00:01:38.310 --> 00:01:50.250
Alex Butz: Like I like I guess the bicycle community would be kind of flat like that's like the first thing I would think of or just like ways to go around big hills and then like bike racks and.

10
00:01:51.270 --> 00:01:54.000
Alex Butz: Just like everything that you would need, I think I guess.

11
00:01:54.630 --> 00:01:56.460
Makenna Cerney: So, like a lot of infrastructure.

12
00:01:57.180 --> 00:01:57.540
yeah.

13
00:01:58.920 --> 00:01:59.850
Alex Butz: yeah exactly.

14
00:02:00.600 --> 00:02:03.240
Makenna Cerney: um So do you currently bike at bucknell.

15
00:02:05.010 --> 00:02:05.700
Alex Butz: No, I don't.

16
00:02:06.750 --> 00:02:11.970
Makenna Cerney: um could you see yourself biking in the future if changes were made on campus.

17

00:02:13.560 --> 00:02:13.830

Alex Butz: hmm.

18

00:02:15.120 --> 00:02:17.340

Alex Butz: yeah I also don't have a bike.

19

00:02:18.150 --> 00:02:26.970

Alex Butz: yeah but if I had one, and it was like a bicycle campus I definitely would because I like to walk the class so biking would be good to.

20

00:02:27.300 --> 00:02:33.840

Makenna Cerney: yeah so that was my next question so would you say you normally walk around campus or drive or do a combination.

21

00:02:34.950 --> 00:02:43.050

Alex Butz: A combination, because I usually drive more in the winter, but in the beginning of the year, in the end of the year once it's warm I definitely walk more.

22

00:02:44.730 --> 00:02:51.120

Makenna Cerney: What would you say you walk because it's like a convenience thing or because you enjoy to like, why do you choose walking.

23

00:02:52.230 --> 00:02:57.300

Alex Butz: Because I enjoy it just to get like fresh air and if it's like sunny out to like enjoy that.

24

00:02:59.370 --> 00:03:01.800

Alex Butz: Because it's probably it's more it's more convenient to drive.

25

00:03:02.250 --> 00:03:06.000

Alex Butz: yeah and it would probably be more convenient to bike to since it's faster.

26

00:03:08.100 --> 00:03:15.510

Makenna Cerney: If there, so I know they did in the past, like restrictions on driving where you can only park where your sticker is designated.

27

00:03:16.200 --> 00:03:28.200

Makenna Cerney: Do you restrict like that these does that do you think that in is like a good idea and encouraging people to stop driving so much, or do you think it's just really annoying and we should get rid of it.

28

00:03:32.040 --> 00:03:46.830

Alex Butz: um I think it definitely helps actually like it discourages people from driving, I think it is annoying because, like it is like you can't really drive to class now if you don't live uphill without like possibly getting a ticket.

29

00:03:48.030 --> 00:03:52.020

Alex Butz: Like I think it definitely achieved purpose of getting people to drive as much.

30

00:03:53.910 --> 00:03:56.520

Makenna Cerney: As Okay, so this section just on the built environment.

31

00:03:57.720 --> 00:04:05.850

Makenna Cerney: um what what are some ways that the general infrastructure on campus can be changed to the safety of making.

32

00:04:09.900 --> 00:04:14.400

Alex Butz: um I don't know that much about biking but I guess, just like bike lanes.

33

00:04:15.420 --> 00:04:21.480

Alex Butz: Know sometimes if you're like walking even to your car sometimes like when you're like trying to get to your car.

34

00:04:21.900 --> 00:04:32.880

Alex Butz: You know what I mean when you like almost get hit by a car coming because, like there's not a lot of space for like even pedestrians um so just that kind of thing I don't really know much about biking though so.

35

00:04:33.030 --> 00:04:35.100

Alex Butz: I don't know that much about what would make it safer.

36

00:04:35.340 --> 00:04:40.440

Makenna Cerney: that's what most people said bike lane some people just said, even just like putting up signs.

37

00:04:41.550 --> 00:04:45.510

Makenna Cerney: Or, just like more I guess education biking.

38

00:04:46.440 --> 00:04:47.610

Alex Butz: yeah yeah.

39

00:04:48.180 --> 00:04:52.470

Makenna Cerney: i'm Okay, if he bikes are razzi campus would you use them.

40

00:04:54.120 --> 00:04:55.230

Alex Butz: What is it a bike.

41

00:04:55.680 --> 00:05:00.690

Makenna Cerney: So it would be like an electric scooter similar to like the lime scooters or the bird.

42

00:05:00.690 --> 00:05:01.230

scooters.

43

00:05:02.310 --> 00:05:06.000

Makenna Cerney: they're just battery powered bikes that kind of help you get up a hill.

44

00:05:07.530 --> 00:05:17.460

Alex Butz: yeah I think I would do that, I think that sounds fun um I think I definitely would I mean for me right now I feel like I always start.

45

00:05:17.790 --> 00:05:26.520

Alex Butz: walking somewhere from downtown so I guess it would be interesting if they could have them even like on seventh street because I would definitely ride one like from my house to the field house for practice.

46

00:05:28.050 --> 00:05:28.950

Alex Butz: Now that'd be really cool.

47

00:05:29.250 --> 00:05:34.470

Makenna Cerney: yeah That was my next question is where they should be located on campus if there was like a station.

48

00:05:36.000 --> 00:05:43.680

Makenna Cerney: And they'd be like spread out like multiple locations, or should they just be one centralized were on campus do you think would be the best spot to put them.

49

00:05:45.630 --> 00:05:53.280

Alex Butz: I feel like probably scattered around campus, but I feel like the best spot would be around the four way intersection.

50

00:05:53.820 --> 00:06:05.040

Alex Butz: Because I feel like, at least for me from being downtown I always get to that point and that's like where you either go uphill or to the side, and so I feel like a lot of people go to the intersection and then you could get one there.

51

00:06:05.190 --> 00:06:14.640

Alex Butz: and go wherever you need to go but probably also i'm probably up by the apartments to with all the apartments and, like the frat houses up there, and probably be a good spot.

52

00:06:17.280 --> 00:06:26.010

Makenna Cerney: i'm Okay, and then this section is just on societal environment so like General norms on campus um So do you think that it is.

53

00:06:27.420 --> 00:06:31.410

Makenna Cerney: Like cool to ride a bike or socially normal to ride a bike at bucknell.

54

00:06:34.440 --> 00:06:42.150

Alex Butz: I don't think so I don't really see many people doing it, so I don't think it's like I don't think people would think it's weird but it's definitely not the norm.

55

00:06:42.870 --> 00:06:46.980

Alex Butz: Right, I see people writing like the electric like electric bike sometimes.

56

00:06:48.030 --> 00:06:52.200

Alex Butz: um and, like those always look fun, but it's definitely not like what most people are doing.

57

00:06:52.620 --> 00:07:01.740

Makenna Cerney: yeah so if the the most common form of transportation was biking and, like everyone had a bike on campus do you think that would influence you.

58

00:07:02.790 --> 00:07:02.970

Alex Butz: huh.

59

00:07:03.630 --> 00:07:03.900

yeah.

60

00:07:05.460 --> 00:07:06.240

Makenna Cerney: um.

61

00:07:06.360 --> 00:07:16.260

Alex Butz: yeah I think definitely I think like if everyone was biking I would definitely want to bike to, especially if it seems like if the campus was really likable and it was easy to do that, I think I definitely would yeah.

62

00:07:17.700 --> 00:07:21.900

Makenna Cerney: So that kind of similar to like my last question so right now bucknell.

63

00:07:22.950 --> 00:07:33.840

Makenna Cerney: Very like automobile dominated or automobile centric campus considering a lot of people do drive um So do you think we're always going to be stuck in this.

64

00:07:35.100 --> 00:07:44.010

Makenna Cerney: cycle of using our car or do you think that students and staff can eventually over time switch to riding their bike or or choosing to walk more.

65

00:07:46.140 --> 00:07:49.800

Alex Butz: I do think it's possible, I think, like the hard thing is the winters.

66

00:07:50.340 --> 00:07:52.170

Alex Butz: So I don't know exactly.

67

00:07:52.380 --> 00:08:05.070

Alex Butz: I think like you mentioned to me before, like other cultures that bike a lot, or maybe I shouldn't say that but um other cultures that bike a lot like well bike in the winter and it's fine, so I think that would be the biggest obstacle.

68

00:08:06.300 --> 00:08:09.870

Alex Butz: But if there's a lot of people were biking and it was a really cool campus I think.

69

00:08:09.870 --> 00:08:16.500

Alex Butz: Like a lot of people would switch to that and drive less because also is like a liberal arts college, I think a lot of students.

70

00:08:16.920 --> 00:08:29.790

Alex Butz: care about the environment and are like into sustainability and things like that, so I think it would definitely be like a mindset on campus that people would be really open to, I think, like our campus is kind of hilly and the winters would be difficult.

71

00:08:30.120 --> 00:08:35.880

Makenna Cerney: Right um yeah so then that's kind of what this last sections on so.

72

00:08:36.930 --> 00:08:47.220

Makenna Cerney: I have proposed solutions, so one of mine is a lot of people have difficulties with the norms on campus, and so one of mine is have a bike to class day.

73

00:08:47.640 --> 00:09:02.160

Makenna Cerney: To kind of encourage people that normally don't bike to start biking and then they can kind of understand where to park it and, like you know kind of try it out for a day so that's one of my examples of the proposed solution.

74

00:09:03.240 --> 00:09:09.840

Makenna Cerney: Knowing yourself and knowing, like other students on campus do you have any solutions and it doesn't need to be that, like.

75

00:09:11.220 --> 00:09:16.980

Makenna Cerney: I don't know that plan, it could be something really simple but are there any solutions that you have that would encourage you to buy for.

76

00:09:18.510 --> 00:09:24.810

Alex Butz: yeah well so for that solution like wood, the wood back now provide bikes for people.

77

00:09:25.020 --> 00:09:27.450

Alex Butz: So I think yeah.

78

00:09:28.650 --> 00:09:33.630

Alex Butz: yeah I think that's a good idea, I think I would definitely do that if that was like a big day.

79

00:09:35.070 --> 00:09:44.010

Alex Butz: um and then I just think like if there was like a semester long bike rental program I bet that would get a lot of people because they don't have to buy their own bike and bring it from home.

80

00:09:44.310 --> 00:09:46.890

Alex Butz: Like once you get to school you rent your bike for the Semester.

81

00:09:47.340 --> 00:09:52.620

Alex Butz: Right, and if that was like a widely popular thing, I think that would probably be really good yeah.

82

00:09:52.860 --> 00:09:55.590

Makenna Cerney: Because I think right now, you can rent a bike.

83

00:09:56.130 --> 00:09:56.580

Makenna Cerney: But I.

84

00:09:57.240 --> 00:10:02.340

Makenna Cerney: I think yeah but it's not for the Semester long it's only for like a day.

85

00:10:02.820 --> 00:10:03.750

Alex Butz: Which oh yeah.

86

00:10:03.780 --> 00:10:09.960

Makenna Cerney: Like no one's going to want to do that, and if you do do it that's not going to encourage you to use it more often, you know.

87

00:10:10.410 --> 00:10:11.220

Makenna Cerney: So you.

88

00:10:11.460 --> 00:10:17.040

Makenna Cerney: know I think that's a good idea um okay That was all my questions anything else you want to add before, and this.

89

00:10:19.530 --> 00:10:22.320

Alex Butz: Is it possible to bike from campus to giant.

90

00:10:22.920 --> 00:10:23.700

Makenna Cerney: Like right now.

91

00:10:24.990 --> 00:10:25.380

Makenna Cerney: mm hmm.

92

00:10:26.100 --> 00:10:45.000

Makenna Cerney: I mean technically yeah that's one of the things that we're i'm like looking into because people just don't feel safe doing it, but they do have the walkways and like you would just do it the same as if you were to walk there, and there is like that rail trail like.

93

00:10:46.110 --> 00:10:46.500

Alex Butz: Oh yeah.

94

00:10:46.980 --> 00:10:49.230

Makenna Cerney: I know, on that so.

95

00:10:49.560 --> 00:11:00.060

Alex Butz: I think if that was like a popular or like could be made like safer, or just like advertised as an option like that would be good for freshmen to who don't have cars, like.

96

00:11:00.090 --> 00:11:00.450

Makenna Cerney: yeah.

97

00:11:00.630 --> 00:11:03.060

Alex Butz: And if they can go to the grocery store and.

98

00:11:03.330 --> 00:11:07.110

Makenna Cerney: And if they put like baskets on the bikes so you can put your groceries.

99

00:11:08.010 --> 00:11:12.150

Makenna Cerney: That would be good, I know yeah all right that's it Thank you.

100

00:11:13.680 --> 00:11:14.280

Alex Butz: you're welcome.

PARTICIPANT 19

1

00:00:59.970 --> 00:01:01.620

Makenna Cerney: hi.

2

00:01:02.190 --> 00:01:03.300

Hello.

3

00:01:05.100 --> 00:01:13.770

Makenna Cerney: i'm so I just have to inform you that this is recording and that anything you say I can use in my thesis.

4

00:01:15.090 --> 00:01:16.050

Makenna Cerney: So is that OK, with you.

5

00:01:16.920 --> 00:01:18.960

Makenna Cerney: Yes.

6

00:01:21.180 --> 00:01:21.750

Makenna Cerney: So.

7

00:01:22.860 --> 00:01:27.870

Makenna Cerney: First question how would you define a bikeable community.

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00:01:29.970 --> 00:01:36.990

Daija Misler: um I would think of a community that has bike paths

9

00:01:38.310 --> 00:01:50.250

Daija Misler: Like flat and easy to get around

11

00:01:54.630 --> 00:01:56.460

Makenna Cerney: So, like a lot of infrastructure.

12

00:01:57.180 --> 00:01:57.540

yeah.

14

00:02:00.600 --> 00:02:03.240

Makenna Cerney: um So do you currently bike at bucknell.

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00:02:05.010 --> 00:02:05.700

Daija Misler: No, I don't.

16

00:02:06.750 --> 00:02:11.970

Makenna Cerney: um could you see yourself biking in the future if changes were made on campus.

17

00:02:13.560 --> 00:02:13.830

Daija Mislser: hmm. Yes but I don't have a bike

19

00:02:18.150 --> 00:02:26.970

Daija Mislser: yeah but if I had one, and it was like a bicycle campus I definitely would

20

00:02:27.300 --> 00:02:33.840

Makenna Cerney: yeah so that was my next question so would you say you normally walk around campus or drive or do a combination.

21

00:02:34.950 --> 00:02:43.050

Daija Mislser: I walk everywhere

22

00:02:44.730 --> 00:02:51.120

Makenna Cerney: What would you say you walk because it's like a convenience thing or because you enjoy to like, why do you choose walking.

23

00:02:52.230 --> 00:02:57.300

Daija Mislser: Walking is what I know how to do and it is the most convenient. I also feel unsafe biking with the current infrastructure.

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00:03:08.100 --> 00:03:15.510

Makenna Cerney: If there, so I know they did in the past, like restrictions on driving where you can only park where your sticker is designated.

27

00:03:16.200 --> 00:03:28.200

Makenna Cerney: Do you restrict like that these does that do you think that in is like a good idea and encouraging people to stop driving so much, or do you think it's just really annoying and we should get rid of it.

28

00:03:32.040 --> 00:03:46.830

Daija Mislser: I think it definitely helps actually like it discourages people from driving.

31

00:03:57.720 --> 00:04:05.850

Makenna Cerney: what are some ways that the general infrastructure on campus can be changed to the safety of making.

32

00:04:09.900 --> 00:04:14.400

Daija Mislser: bike lanes.

35

00:04:33.030 --> 00:04:35.100

Daija Mislser: I don't know that much about what would make it safer.

36

00:04:35.340 --> 00:04:40.440

Makenna Cerney: that's what most people said bike lane some people just said, even just like putting up signs.

37

00:04:41.550 --> 00:04:45.510

Makenna Cerney: Or, just like more I guess education biking.

38

00:04:46.440 --> 00:04:47.610

Daija Mislser: yeah yeah.

39

00:04:48.180 --> 00:04:52.470

Makenna Cerney: i'm Okay, if e bikes were brought campus would you use them.

44

00:05:07.530 --> 00:05:17.460

Daija Misler: yeah I think I would do that

46

00:05:28.050 --> 00:05:28.950

Daija Misler: that'd be really cool.

47

00:05:29.250 --> 00:05:34.470

Makenna Cerney: where they should be located on campus if there was like a station.

48

00:05:36.000 --> 00:05:43.680

Makenna Cerney: And they'd be like spread out like multiple locations, or should they just be one centralized were on campus do you think would be the best spot to put them.

49

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Daija Misler: I feel like probably scattered around campus.

52

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54

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Daija Misler: I don't think so I don't really see many people doing it

56

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Daija Misler: it's definitely not like what most people are doing.

57

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Makenna Cerney: yeah so if the the most common form of transportation was biking and, like everyone had a bike on canvas do you think that would influence you.

58

00:07:02.790 --> 00:07:02.970

Daija Misler: yes

61

00:07:06.360 --> 00:07:16.260

Daija Misler: yeah I think definitely I think like if everyone was biking I would definitely want to bike to

62

00:07:17.700 --> 00:07:21.900

Makenna Cerney: So that kind of similar to like my last question so right now bucknell is a very like automobile dominated or automobile centric campus considering a lot of people do drive um So do you think we're always going to be stuck in this.

64

00:07:35.100 --> 00:07:44.010

Makenna Cerney: cycle of using our car or do you think that students and staff can eventually over time switch to riding their bike or or choosing to walk more.

65

00:07:46.140 --> 00:07:49.800

Daija Misler: I do think it's possible

68

00:08:06.300 --> 00:08:09.870

Daija Misler: If there's a lot of people biking and it was a really cool campus I think.

71

00:08:30.120 --> 00:08:35.880

Makenna Cerney: Right um yeah so then that's kind of what this last sections on so.

72

00:08:36.930 --> 00:08:47.220

Makenna Cerney: I have proposed solutions, so one of mine is a lot of people have difficulties with the norms on campus, and so one of mine is have a bike to class day.

73

00:08:47.640 --> 00:09:02.160

Makenna Cerney: To kind of encourage people that normally don't bike to start biking and then they can kind of understand where to park it and, like you know kind of try it out for a day so that's one of my examples of the proposed solution.

74

00:09:03.240 --> 00:09:09.840

Makenna Cerney: Knowing yourself and knowing, like other students on campus do you have any solutions and it doesn't need to be that, like.

75

00:09:11.220 --> 00:09:16.980

Makenna Cerney: I don't know that plan, it could be something really simple but are there any solutions that you have that would encourage you to buy for.

76

00:09:18.510 --> 00:09:24.810

Daija Misler: yeah well so for that solution like wood, the wood back now provide bikes for people.

77

00:09:25.020 --> 00:09:27.450

Daija Misler: So I think yeah.

78

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Daija Misler: yeah I think that's a good idea, I think I would definitely do that if that was like a big day.

79

00:09:35.070 --> 00:09:44.010

Daija Misler: um and then I just think like if there was like a semester long bike rental program I bet that would get a lot of people because they don't have to buy their own bike and bring it from home.

80

00:09:44.310 --> 00:09:46.890

Daija Misler: Like once you get to school you rent your bike for the Semester.

81

00:09:47.340 --> 00:09:52.620

Daija Misler: Right, and if that was like a widely popular thing, I think that would probably be really good yeah.

82

00:09:52.860 --> 00:09:55.590

Makenna Cerney: Because I think right now, you can rent a bike.

83

00:09:56.130 --> 00:09:56.580

Makenna Cerney: But I.

84

00:09:57.240 --> 00:10:02.340

Makenna Cerney: I think yeah but it's not for the Semester long it's only for like a day.

86

00:10:03.780 --> 00:10:09.960

Makenna Cerney: Like no one's going to want to do that, and if you do do it that's not going to encourage you to use it more often, you know.

99

00:11:08.010 --> 00:11:12.150

Makenna Cerney: That would be good, I know yeah all right that's it Thank you.

PARTICIPANT 20

00:03:59.790 --> 00:04:00.360

Makenna Cerney: hi.

2

00:04:03.600 --> 00:04:04.500

Shaunna Barnhart: Hello McKenna.

3

00:04:05.100 --> 00:04:05.910

Makenna Cerney: How are you.

4

00:04:06.810 --> 00:04:08.070

Shaunna Barnhart: Doing Okay, how are you.

5

00:04:08.370 --> 00:04:21.570

Makenna Cerney: i'm good i'm this will be really quick, but I just wanted to ask you a few questions, because one of the students I interviewed mention your name and I thought you'd be like a really good person to kind of chat with.

6

00:04:22.050 --> 00:04:24.750

Makenna Cerney: Sure, so thank you so much for doing this.

7

00:04:25.380 --> 00:04:26.670

Shaunna Barnhart: Thank you for the invitation.

8

00:04:27.570 --> 00:04:37.170

Makenna Cerney: So just to let you know this is recording so I just need to make sure that's okay with you, so I can quote you and my thesis but it'll all be anonymous in the thesis.

9

00:04:37.740 --> 00:04:38.040

OK.

10

00:04:39.300 --> 00:04:46.110

Makenna Cerney: OK, so my first question is how you define a bike global community.

11

00:04:48.090 --> 00:04:49.950

Shaunna Barnhart: So not just campus but a community.

12

00:04:50.430 --> 00:04:55.050

Makenna Cerney: yeah or it could be campus or something that just is considered bankable to you.

13

00:04:56.610 --> 00:04:57.090

Shaunna Barnhart: sure.

14

00:04:58.290 --> 00:04:59.460

Shaunna Barnhart: By global community.

15

00:05:00.480 --> 00:05:03.000

Shaunna Barnhart: Has biking dedicated infrastructure.

16

00:05:04.200 --> 00:05:10.170

Shaunna Barnhart: So more than just sharing the road with cars that actually having separate infrastructure, specifically for bikes.

17

00:05:11.280 --> 00:05:18.720

Shaunna Barnhart: um you know so certain areas are road that are actually closed a motor vehicles and it's just for walking and biking.

18

00:05:19.860 --> 00:05:24.600

Shaunna Barnhart: In addition to having specific you know bike lanes.

19

00:05:25.860 --> 00:05:34.140

Shaunna Barnhart: i'm biking communities will also have plenty of places where one could what could park and lock up a bike um.

20

00:05:35.700 --> 00:05:36.750

Shaunna Barnhart: and

21

00:05:39.360 --> 00:05:39.840

Shaunna Barnhart: let's see.

22

00:05:42.720 --> 00:05:43.050

Shaunna Barnhart: I think.

23

00:05:44.070 --> 00:05:54.420

Shaunna Barnhart: yeah just the infrastructure to have support biking pretty much yeah and then, once you have the infrastructure, I think the bikes come ride their bikes because there's not the infrastructure.

24

00:05:54.810 --> 00:05:58.020

Makenna Cerney: Right, so you think the infrastructure kind of precedes like.

25

00:05:59.100 --> 00:06:00.780

Makenna Cerney: I guess people's habits so.

26

00:06:02.640 --> 00:06:03.060

Makenna Cerney: yeah.

27

00:06:03.660 --> 00:06:11.250

Makenna Cerney: OK, so my first couple of questions are just on your general like behaviors around biking So do you currently bike.

28

00:06:12.120 --> 00:06:13.140

Shaunna Barnhart: Not currently no.

29

00:06:14.550 --> 00:06:20.370

Makenna Cerney: So what do you, what is your main mode of transportation, do you walk a lot, do you drive your car.

30

00:06:20.850 --> 00:06:21.570

Shaunna Barnhart: drive my car.

31

00:06:22.920 --> 00:06:25.410

Makenna Cerney: So why do you think you drive versus biking.

32

00:06:26.160 --> 00:06:27.300

Shaunna Barnhart: there's not the infrastructure.

33

00:06:28.110 --> 00:06:30.960

Shaunna Barnhart: Right, so the accent when I lived.

34

00:06:30.960 --> 00:06:31.380

Shaunna Barnhart: In.

35

00:06:31.740 --> 00:06:41.850

Shaunna Barnhart: We have when I lived in Milton and walk places and Milton you could walk but there was no way to bike with the way the traffic is there now I live out in the countryside.

36

00:06:43.320 --> 00:06:47.790

Shaunna Barnhart: And there's just not like enough of a side of a road to bike along.

37

00:06:48.240 --> 00:06:53.190

Shaunna Barnhart: Right so quaking where I am now is more, it would be more recreation, rather than actually trying to get someplace.

38

00:06:53.490 --> 00:07:02.580

Makenna Cerney: yeah so if the infrastructure was put in place, and you did feel safe biking around do you think that you would use car.

39

00:07:03.000 --> 00:07:03.750

Shaunna Barnhart: yeah I would.

40

00:07:04.860 --> 00:07:16.500

Shaunna Barnhart: I would definitely. I've actually been trying to figure out how to be able to get a rack on my car so that I can get a bike so that I can go places, you know and that's the thing you gotta drive someplace to be able to bike.

41

00:07:17.910 --> 00:07:20.850

Makenna Cerney: um okay So then, this question is just on.

42

00:07:22.230 --> 00:07:30.810

Makenna Cerney: Your preference and what you think about this, so in the past by bucknell has put restrictions on cars to try to encourage people to walk more.

43

00:07:31.830 --> 00:07:41.940

Makenna Cerney: Do you think restrictions on cars, do you think that's something that's a good idea in order to encourage people to walk and bike or do you think that's just really annoying you.

44

00:07:41.970 --> 00:07:54.810

Shaunna Barnhart: know I do know the College, I went to there were no cars on campus and if you drove to campus you're actually had to put your car in what was called dead storage for the Semester and you had to have special reasons to actually get it at a dead stories to take it someplace.

45

00:07:56.550 --> 00:07:56.940

Makenna Cerney: yeah.

46

00:07:58.200 --> 00:07:58.500

Makenna Cerney: I think.

47

00:07:58.560 --> 00:08:01.920

Shaunna Barnhart: I may have changed since then, but that's how it was in the 90s, you know, so we.

48

00:08:02.190 --> 00:08:03.300

Shaunna Barnhart: walked in bike everywhere.

49

00:08:03.840 --> 00:08:05.730

Makenna Cerney: I think people at buck know i'd have an issue with.

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00:08:06.750 --> 00:08:10.140

Makenna Cerney: So many people just drive the class for no reason you know.

51

00:08:10.920 --> 00:08:20.670

Shaunna Barnhart: yeah and then you didn't at penn state i'm parking was at the fringes of the campus right, so you walked by took the bus, because you couldn't park next to a building.

52

00:08:21.300 --> 00:08:25.050

Shaunna Barnhart: Right your parking either at the eastern Western of campus.

53

00:08:26.220 --> 00:08:34.290

Shaunna Barnhart: And then walking in, so I would um you know drive my car to go to campus but have my bike on the back and then just ride my bike around campus.

54

00:08:35.220 --> 00:08:38.940

Makenna Cerney: yeah see that's what I that's what I want to get out eventually like I.

55

00:08:38.940 --> 00:08:40.440

Makenna Cerney: wish people would do that you know.

56

00:08:40.950 --> 00:08:41.790

Shaunna Barnhart: I think again.

57

00:08:42.270 --> 00:08:51.510

Shaunna Barnhart: Anything yeah I mean if they put a parking garage behind South campus and then one down by the by the gym.

58

00:08:52.950 --> 00:08:57.810

Shaunna Barnhart: You know about done by the Clark, or something you could force everybody to park at the fringes.

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00:08:58.110 --> 00:09:00.090

Shaunna Barnhart: yeah the whole interior just.

60

00:09:00.600 --> 00:09:06.210

Shaunna Barnhart: i'm blocking only or handicap accessible parking you know where you need a closer to buildings but.

61

00:09:07.260 --> 00:09:08.850

Makenna Cerney: I was actually one of my.

62

00:09:10.620 --> 00:09:26.400

Makenna Cerney: My later questions but i'll ask it now, since we're talking about it, so I talked about how black now it's definitely more walkable than it used to be, because they used to be a very like automobile dominated I guess campus I saw some pictures.

63

00:09:27.930 --> 00:09:36.420

Makenna Cerney: That Max showed me that I think he got from you, it was showed the you know frat row like going straight through campus.

64

00:09:37.740 --> 00:09:45.900

Makenna Cerney: I think we have made a lot of changes to make it so it's more walkable but yet people still use their car a lot, so do you think that.

65

00:09:46.290 --> 00:10:00.060

Makenna Cerney: We could keep going, and you know turn campus into a more bike centric campus or do you think it's always going to be stuck where people use their cars and bikes never going to be, you know, an option.

66

00:10:01.200 --> 00:10:19.770

Shaunna Barnhart: I think it's possible the in between olin and Dana used to be a parking lot right it's a grassy quad now is trees and sidewalks it used to be a parking lot up until 20 years ago it was a parking lot, so this is not ancient history right, this is post 2000 it was still a parking lot.

67

00:10:21.630 --> 00:10:28.020

Shaunna Barnhart: And then you know somewhere decision was made, and it was turned into another quad.

68

00:10:29.550 --> 00:10:39.420

Shaunna Barnhart: You know, and so so it's possible right and that's in recent history, relatively speaking, in terms of you know, a campus that goes back 175 years right.

69

00:10:39.810 --> 00:10:42.330

Shaunna Barnhart: yeah um you know, making it.

70

00:10:42.540 --> 00:10:44.430

Shaunna Barnhart: Making it car centric was still.

71

00:10:44.970 --> 00:10:52.350

Shaunna Barnhart: You know it's a decision that was made like in the 40s or 50s right, I mean this isn't anything we're not talking that it's.

72

00:10:53.040 --> 00:11:05.040

Shaunna Barnhart: This isn't something that's pre determined that it always has been and always will be cars right at some point, a decision was made to make a car centric and so decisions can be made to change it again.

73

00:11:05.640 --> 00:11:06.090

design.

74

00:11:08.040 --> 00:11:19.860

Makenna Cerney: Like exposing you know, because there are trying to figure out like there are a lot of people on campus that are interested in biking and less so, if there's all these people that think that you know what do we need to do in order to make it.

75

00:11:20.310 --> 00:11:26.340

Makenna Cerney: i'm likeable campus, so it is interesting, looking at the history, because if we changed in the past, we can change it again.

76

00:11:26.670 --> 00:11:28.320

Makenna Cerney: mm hmm I guess yeah.

77

00:11:28.350 --> 00:11:31.530

Shaunna Barnhart: i'd love to see for eternity road just turned into a green walkway.

78

00:11:32.040 --> 00:11:32.490

Makenna Cerney: yeah.

79

00:11:32.940 --> 00:11:33.330

Shaunna Barnhart: You know.

80

00:11:33.570 --> 00:11:42.150

Makenna Cerney: It could be because, like you said that would be kind of you know, towards the Center of campus for the library is and there's no need for us to be able to drive all the way up there.

81

00:11:42.780 --> 00:11:45.060

Shaunna Barnhart: No there's new parking there anyway yeah.

82

00:11:45.120 --> 00:11:56.820

Shaunna Barnhart: Go you can go around that road there at the STOP sign at the top of the at the top of the football field and go around back to South campus for all the parking spots are anyway there's no reason to drive.

83

00:11:59.040 --> 00:12:06.870

Shaunna Barnhart: That section there said, there are you know there's still a residence there, there was a private home, so there, so you wouldn't be able to take that out where the private home is but.

84

00:12:08.190 --> 00:12:08.550

Shaunna Barnhart: yeah.

85

00:12:09.900 --> 00:12:17.340

Makenna Cerney: Okay, so, then my other questions are on he bikes So do you think if he bikes were brought to campus that.

86

00:12:18.690 --> 00:12:27.450

Makenna Cerney: Would this be something that you would use or a bikes in general, if they were brought to an area where you were are you interested in something like an electric bike.

87

00:12:30.120 --> 00:12:33.090

Shaunna Barnhart: So this be like a bike rental kind of thing.

88

00:12:33.690 --> 00:12:39.390

Makenna Cerney: So I don't know if you've ever seen in like New York City, or they have them, they have.

89

00:12:39.810 --> 00:12:47.970

Makenna Cerney: Electric scooters like the line scores are the bird scooters so it'd be a similar type of program where they would have to be stationed at somewhere on campus.

90

00:12:48.960 --> 00:12:58.470

Makenna Cerney: And you could just it would be battery powered so the point would be it can help you up a hill or get you to move faster, so the way I see it, is.

91

00:12:59.280 --> 00:13:08.940

Makenna Cerney: You know they'd be accessible via your bucknell ID and you could just pay per you know minute or per mile or however it works so that's how I kind of see them.

92

00:13:09.780 --> 00:13:11.160

Makenna Cerney: But I just kind of wanted to gauge.

93

00:13:11.190 --> 00:13:12.810

Makenna Cerney: Whether people would actually use them.

94

00:13:13.710 --> 00:13:20.640

Shaunna Barnhart: yeah no I would certainly use my seen them in Cincinnati I don't think they were electric that they're just regular bikes i'm not sure, but.

95

00:13:21.060 --> 00:13:27.420

Shaunna Barnhart: You know they had stations all over the city and then you just like go swipe your credit card you get a bike you ride to where you're going and you put it into the stall.

96

00:13:27.930 --> 00:13:29.370

Shaunna Barnhart: yeah where we went right.

97

00:13:29.760 --> 00:13:41.820

Shaunna Barnhart: yeah yeah no, I think that that would be nothing that that would be a good resource to have on campus and if it's time to like a swipe system that would ensure that people put the bikes back.

98

00:13:42.330 --> 00:13:42.630

Makenna Cerney: mm hmm.

99

00:13:43.170 --> 00:13:49.230

Shaunna Barnhart: Rather than you know, like the again the 90s, they would do what they call the yellow bike.

100

00:13:49.620 --> 00:13:54.330

Shaunna Barnhart: mm hmm systems right like you would get basically junk bikes and they'd fix them up and pay them yellow.

101

00:13:54.570 --> 00:13:58.050

Shaunna Barnhart: And then anybody could use them in ride them around, but the problem with that is that.

102

00:13:58.350 --> 00:14:09.780

Shaunna Barnhart: People were not putting them back where they belong, or they let them play wherever right because are these three bikes to ride around, and so, if you had some kind of swype system that would get rid of that kind of problem.

103

00:14:10.170 --> 00:14:16.290

Makenna Cerney: yeah that's what i'm kind of thinking about, but I think the main point is that I think it's really kind of.

104

00:14:17.430 --> 00:14:29.130

Makenna Cerney: Important for freshmen because they don't have their cars on campus and I know as a freshman I struggled with that and if I had a bike to be able to you know even just go to like CVs or.

105

00:14:29.160 --> 00:14:42.870

Makenna Cerney: just go somewhere, I think that would be super awesome so that's kind of what kind of started the idea and then also a lot of people have been saying biking up hills, so that electric bike would kind of solve that so yeah.

106

00:14:43.890 --> 00:14:44.700

Shaunna Barnhart: I know in.

107

00:14:45.060 --> 00:14:57.360

Shaunna Barnhart: In thing it's the University of Kentucky they did an effort to try and get students to ride bikes more and what they did is they actually if you did not bring your bike to campus as a freshman they gave you a bike.

108

00:14:59.310 --> 00:14:59.850

Makenna Cerney: that's right.

109

00:15:00.450 --> 00:15:14.550

Makenna Cerney: I think we have the options to rent bikes, but I think we should be able to run them for the whole semester, because I want to you know return and get it back, and if you had I can you paid all that money for and for the Semester, you would want to use it so.

110

00:15:15.060 --> 00:15:18.900

Makenna Cerney: I think that just needs to be an option and that's an easy thing to do.

111

00:15:19.410 --> 00:15:19.920

So.

112

00:15:22.740 --> 00:15:25.500

Shaunna Barnhart: And, of course, those are expensive parking fees.

113

00:15:26.040 --> 00:15:33.540

Shaunna Barnhart: yeah nothing University of Kentucky, and so they were able to get a bike in exchange for not bringing their car and they're not having to pay all this parking fees to.

114

00:15:34.650 --> 00:15:43.290

Makenna Cerney: cuz I yeah hundred dollars to get a parking pass here and could just be \$100 to rent a bike for the Semester, you know so right right.

115

00:15:43.890 --> 00:15:46.380

Shaunna Barnhart: Is that hundred dollars for the year or the Semester.

116

00:15:48.330 --> 00:15:49.710

Makenna Cerney: What now to rent a bike.

117

00:15:50.310 --> 00:15:53.070

Shaunna Barnhart: \$900 you talking about to park your car oh.

118

00:15:53.100 --> 00:15:55.680

Makenna Cerney: to park the car I think it's for.

119

00:15:57.210 --> 00:15:58.230

Makenna Cerney: The semester.

120

00:15:58.710 --> 00:15:59.010

Shaunna Barnhart: Okay.

121

00:15:59.700 --> 00:15:59.970

Oh it's.

122

00:16:04.950 --> 00:16:15.930

Makenna Cerney: Okay let's see and then my last my last set of questions or just on like proposed solutions, I think I kind of asked us in the survey a little bit, but.

123

00:16:17.010 --> 00:16:29.700

Makenna Cerney: Knowing you i'm at like yourself like what is something that it could either be a physical change or change in culture or something, what does it change that would encourage you to bike.

124

00:16:35.040 --> 00:16:36.060

Shaunna Barnhart: Well, having.

125

00:16:36.090 --> 00:16:38.370

Shaunna Barnhart: campus be actually more biker friendly.

126

00:16:40.110 --> 00:16:47.640

Shaunna Barnhart: Because you're pretty much either try not to plow people over on a sidewalk or you're on a road just hoping somebody doesn't fly you over with a car.

127

00:16:48.300 --> 00:16:50.970

Makenna Cerney: So would it be like bike lanes or just.

128

00:16:51.780 --> 00:16:52.800

Shaunna Barnhart: finding out what's a.

129

00:16:52.980 --> 00:16:54.270

Shaunna Barnhart: bike lanes on the road.

130

00:16:54.720 --> 00:16:57.120

Shaunna Barnhart: right on those roads that go all around campus.

131

00:16:57.570 --> 00:16:59.220

Shaunna Barnhart: um bike lane for sure.

132

00:17:02.100 --> 00:17:03.000

Shaunna Barnhart: and

133

00:17:04.710 --> 00:17:05.940

Shaunna Barnhart: Also, just.

134

00:17:07.350 --> 00:17:14.340

Shaunna Barnhart: Again, like having parking at the fringes because then i'd be more likely to actually go through the hassle bringing a bike to campus.

135

00:17:14.790 --> 00:17:24.000

Shaunna Barnhart: yeah rather than being able to park, you know, three minute walk away from the Office, if I had to park an eight minute walk away, well then it'd be worth it to get my bike and use the bike to go around all my meetings.

136

00:17:24.390 --> 00:17:25.470

Makenna Cerney: Right right.

137

00:17:27.090 --> 00:17:36.420

Makenna Cerney: Okay, so those are all just Mike my question, so the vast everyone but I typically like had you on here, and I know we kind of talked about this, just because you seem to have like a lot of.

138

00:17:36.870 --> 00:17:50.220

Makenna Cerney: Historical knowledge of bucknell and I thought that was super cool so um I know we touched on it, but is there anything like that stands out from your like research or just from knowing bucknell and how it's changed over the years that.

139

00:17:50.610 --> 00:17:55.620

Makenna Cerney: can contribute to my research to create more of a bankable campus.

140

00:17:57.600 --> 00:18:02.580

Shaunna Barnhart: Have you looked at the campus master plan documents to hand is see.

141

00:18:03.120 --> 00:18:05.250

Makenna Cerney: I was actually talking to Max about that, so I.

142

00:18:05.310 --> 00:18:13.350

Makenna Cerney: yeah not yet, but I think I should because they do have like their carbon footprint goals, and this would kind of align with that so.

143

00:18:13.560 --> 00:18:21.900

Shaunna Barnhart: i'm also thinking about the one historically from what was it the 1930s or 40s that actually set campus as we see it today.

144

00:18:22.290 --> 00:18:22.680

Makenna Cerney: mm hmm.

145

00:18:22.890 --> 00:18:24.930

Shaunna Barnhart: And that's when these decisions were being made.

146

00:18:25.260 --> 00:18:30.540

Shaunna Barnhart: it's turning it from what we would call walkable campus into one that's car driven or car centric.

147

00:18:31.800 --> 00:18:35.130

Makenna Cerney: So is that just outline plan or something.

148

00:18:35.220 --> 00:18:40.260

Shaunna Barnhart: No, now that that's actually the um that would actually be the buck now.

149

00:18:42.480 --> 00:18:51.330

Shaunna Barnhart: it'd be the book now masterplan Isabella in or the campus master plan is what it is, so we have a current one.

150

00:18:52.770 --> 00:18:53.520

Shaunna Barnhart: i'm.

151

00:18:55.590 --> 00:18:58.920

Shaunna Barnhart: Michel, which you know if you just Google it you get the current one, have you seen the current one.

152

00:19:02.130 --> 00:19:02.580

Shaunna Barnhart: yeah.

153

00:19:04.230 --> 00:19:06.930

Shaunna Barnhart: This is the 2017 master plan.

154

00:19:08.880 --> 00:19:18.360

Shaunna Barnhart: But they're the original master plan is from the 30s or 40s and that's the one that would have set into motion, all of this restructuring of campus around cars.

155

00:19:21.090 --> 00:19:22.680

Shaunna Barnhart: So it'd be interesting to see.

156

00:19:23.460 --> 00:19:25.830

Shaunna Barnhart: The changes yeah if that.

157

00:19:25.890 --> 00:19:32.310

Shaunna Barnhart: If that masterplan had a role in those changes i'm assuming it did right i've not looked at it with that particular lens.

158

00:19:34.440 --> 00:19:36.450

Shaunna Barnhart: But is about can.

159

00:19:37.710 --> 00:19:45.840

Shaunna Barnhart: In the archives, if you ask her for the you know original master plan by Lars Jensen think is his name.

160

00:19:50.460 --> 00:19:52.680

Shaunna Barnhart: it's Jensen or jansen lawyers.

161

00:19:54.480 --> 00:19:54.960

Shaunna Barnhart: yep.

162

00:19:58.830 --> 00:20:03.600

Shaunna Barnhart: that's what got us, you know the quad that we have mouse already quad.

163

00:20:04.950 --> 00:20:10.020

Shaunna Barnhart: The Chapel was part of that plan, there was a lot of expansion of campus.

164

00:20:10.320 --> 00:20:11.940

Shaunna Barnhart: yeah that plan yeah.

165

00:20:14.460 --> 00:20:14.910

Makenna Cerney: Okay that's.

166

00:20:15.150 --> 00:20:18.060

Shaunna Barnhart: Good that was so i'd recommend that that might be.

167

00:20:19.560 --> 00:20:30.300

Shaunna Barnhart: Looking for it here now there's a landscape master plan from the 90s, I don't know if that would be of any use or not use a separate landscape plan.

168

00:20:31.380 --> 00:20:32.130

Makenna Cerney: I think they're all.

169

00:20:32.550 --> 00:20:35.190

Makenna Cerney: Just to look at them, whether I find something or not, you know.

170

00:20:35.220 --> 00:20:35.670

yeah.

171

00:20:38.370 --> 00:20:47.490

Shaunna Barnhart: yeah jen's Larson that's it I said, Lars Jensen, I had the janie all mixed up Jens chen's Larson is his name, who did the original master plan.

172

00:20:50.040 --> 00:20:54.090

Shaunna Barnhart: um yeah and there's a campus master plan from 2008.

173

00:20:57.060 --> 00:20:57.960

Shaunna Barnhart: as well.

174

00:20:59.610 --> 00:21:05.550

Shaunna Barnhart: So, and I don't know how far back you can go, but I talked to archives, they can get Jim.

175

00:21:06.390 --> 00:21:10.290

Shaunna Barnhart: Looking for Have you had a chance to talk to archives yet.

176

00:21:11.010 --> 00:21:12.000

Makenna Cerney: No, not yet.

177

00:21:12.780 --> 00:21:13.230

Okay.

178

00:21:14.670 --> 00:21:15.930

Shaunna Barnhart: yeah because if you.

179

00:21:16.980 --> 00:21:19.290

Shaunna Barnhart: Because you can email it's a.

180

00:21:20.310 --> 00:21:21.600

Shaunna Barnhart: Isabel o'neill.

181

00:21:23.100 --> 00:21:31.440

Shaunna Barnhart: Is the campus archivist and if you tell her very specifically what you're looking for so photographs with biking or.

182

00:21:32.190 --> 00:21:39.120

Shaunna Barnhart: You know facilities documents about building parking lots or something you know she can.

183

00:21:39.660 --> 00:21:46.740

Shaunna Barnhart: Help help put you in the in the right direction, now, unfortunately, because of code you can't go into the archives yourself in social have to have.

184

00:21:47.250 --> 00:22:00.990

Shaunna Barnhart: You know her either herself or the student interns look for them, but if you can be very, very specific and what you're looking for i'm sure she'll be able to help you out and she could at least get you, you know the campus master plan from jen's Larson i'm sure.

185

00:22:01.680 --> 00:22:02.520

Makenna Cerney: Perfect that's.

186

00:22:02.970 --> 00:22:07.920

Shaunna Barnhart: that's so you might be able to like track it over time, with the other master plans that came after with the revisions.

187

00:22:08.070 --> 00:22:12.960

Shaunna Barnhart: yeah you know survey the master plans are taking out those parking lots of work.

188

00:22:14.280 --> 00:22:14.700

Shaunna Barnhart: You know.

189

00:22:15.750 --> 00:22:22.680

Makenna Cerney: Because i've been working on this for about like a year now, I started last March, so i'm like really my research, but I just wanted to like.

190

00:22:23.490 --> 00:22:34.830

Makenna Cerney: find ways that I could make it better and that's when I started talking to Max code and he brought you up, and I think this is perfect it's kind of just the cherry on top top like the historical context.

191

00:22:34.950 --> 00:22:35.370

mm hmm.

192

00:22:36.900 --> 00:22:40.050

Makenna Cerney: You know, because i'm really just trying to be like persuasive at this point.

193

00:22:40.950 --> 00:22:45.840

Shaunna Barnhart: The image that I had sent you that came from the 90s with that covered biking parking.

194

00:22:47.100 --> 00:22:48.750

Shaunna Barnhart: stall is that still there.

195

00:22:49.590 --> 00:22:50.670

Shaunna Barnhart: Does that still exist.

196

00:22:51.840 --> 00:22:52.770

Makenna Cerney: Like if I click on it.

197

00:22:53.580 --> 00:22:59.100

Shaunna Barnhart: you're not the photo but wherever that photo is on campus is there a covered parking space on campus for bikes.

198

00:22:59.580 --> 00:23:00.240

Makenna Cerney: I don't.

199

00:23:03.660 --> 00:23:09.930

Makenna Cerney: I know there's bike there's bike parking i'm just pulling it stuff is.

200

00:23:10.110 --> 00:23:12.990

Shaunna Barnhart: Taking forever we look at that photo I think it's on.

201

00:23:13.230 --> 00:23:16.620

Shaunna Barnhart: The West side of seven street.

202

00:23:17.700 --> 00:23:19.200

Shaunna Barnhart: So what's the weather.

203

00:23:22.620 --> 00:23:27.900

Shaunna Barnhart: Like where I can see all the buildings, I can't think of any of their names, but um.

204

00:23:28.950 --> 00:23:32.940

Shaunna Barnhart: You know the where the College of minute college management currently is.

205

00:23:33.270 --> 00:23:36.810

Shaunna Barnhart: yeah yeah and there's dorms is Rentals.

206

00:23:38.580 --> 00:23:38.970

Makenna Cerney: Right.

207

00:23:39.660 --> 00:23:40.350

Makenna Cerney: I don't know.

208

00:23:40.680 --> 00:23:46.170

Shaunna Barnhart: But anyway, I think, from the picture I think it's on that side of campus is where that covered parking is.

209

00:23:47.430 --> 00:23:51.750

Shaunna Barnhart: That photo that I sent you and I didn't know if it was still there, or not I don't recall ever seeing it.

210

00:23:52.320 --> 00:23:58.380

Makenna Cerney: I don't think it is because, from what I know there is like some areas to park, but I don't think any of them are covered.

211

00:23:59.220 --> 00:24:00.870

Shaunna Barnhart: Okay yeah.

212

00:24:03.150 --> 00:24:06.000

Makenna Cerney: kind of areas to shop a bike in but.

213

00:24:06.480 --> 00:24:20.460

Shaunna Barnhart: yeah if you can figure, if you look at that photo configure out where it is on campus you can also ask archives for photos over the years of that specific location, so that you can kind of determine maybe when it was put in and when it was taken out.

214

00:24:20.970 --> 00:24:22.560

Makenna Cerney: yeah that's a good idea yeah.

215

00:24:22.890 --> 00:24:25.710

Shaunna Barnhart: Because, if you look at that photo it is stacked full of bikes.

216

00:24:26.310 --> 00:24:27.840

Makenna Cerney: yeah it's still not loading for me.

217

00:24:28.140 --> 00:24:29.790

Shaunna Barnhart: there's like Okay, let me.

218

00:24:30.540 --> 00:24:33.180

Makenna Cerney: i'm in the stupid hotel, because I have.

219

00:24:34.740 --> 00:24:35.940

Makenna Cerney: Time on their wi fi.

220

00:24:36.540 --> 00:24:37.050

So.

221

00:24:38.340 --> 00:24:38.940

Shaunna Barnhart: Their wi fi.

222

00:24:45.150 --> 00:24:46.170

Shaunna Barnhart: Are you feeling okay.

223

00:24:47.700 --> 00:24:52.260

Makenna Cerney: yeah I mean I feel fine it's been it's like Day, eight for me so i'm like over the hump.

224

00:24:53.310 --> 00:24:59.370

Makenna Cerney: there's just more urban annoying having to isolate brain but i've been working, so much so that's been good.

225

00:25:00.120 --> 00:25:00.600

yeah.

226

00:25:03.150 --> 00:25:07.140

Shaunna Barnhart: Okay i'm going to put the link in the chat and we'll see if that will work.

227

00:25:09.960 --> 00:25:14.280

Shaunna Barnhart: If not, I can only share my screen, here too, so you can see it immediately and see if you can figure.

228

00:25:15.000 --> 00:25:24.180

Makenna Cerney: Once I also once I let go off zoom my wife, I will work it's just probably has a lot going on right now, so I have saved in all these links.

229

00:25:25.650 --> 00:25:26.610
Shaunna Barnhart: I can't hear it.

230
00:25:27.570 --> 00:25:28.590
Shaunna Barnhart: I can't share screen.

231
00:25:29.880 --> 00:25:30.270
Use me.

232
00:25:35.340 --> 00:25:35.940
Shaunna Barnhart: Yes.

233
00:25:44.190 --> 00:25:46.530
Shaunna Barnhart: that's at the bottom of the hill isn't It is this.

234
00:25:50.640 --> 00:25:53.880
Shaunna Barnhart: trying to figure out which buildings are here.

235
00:25:54.570 --> 00:25:57.690
Makenna Cerney: Let me see it just has started screen share oh there it goes.

236
00:26:01.470 --> 00:26:02.790
Shaunna Barnhart: she's covered bike parking.

237
00:26:03.300 --> 00:26:04.380
Yes.

238
00:26:05.580 --> 00:26:07.500
Shaunna Barnhart: As jammed full of bikes.

239
00:26:09.270 --> 00:26:11.280
Makenna Cerney: Like it's definitely not like that anymore.

240
00:26:13.050 --> 00:26:17.070
Makenna Cerney: wow is that by the mods or not, the monster gateways.

241
00:26:18.870 --> 00:26:19.680
Shaunna Barnhart: Maybe.

242
00:26:21.720 --> 00:26:25.500
Shaunna Barnhart: X i'm looking here, and these two dormitories are like at a V right.

243
00:26:26.040 --> 00:26:31.350
Makenna Cerney: yeah I think that might be around where they also keep the kayaks and like there are other recreational stuff.

244
00:26:32.220 --> 00:26:35.520
Shaunna Barnhart: Also, this might be trip was it trust trust.

245
00:26:35.850 --> 00:26:42.780
Shaunna Barnhart: tracks tracks so yeah maybe that's where that is yeah so I don't know if this is so down there or not.

246
00:26:44.520 --> 00:26:50.730

Shaunna Barnhart: But this is an interesting kind of lead into yesteryear, if you will, and that's from 1993.

247

00:26:51.180 --> 00:26:52.440

Makenna Cerney: It looks kind of creepy doesn't it.

248

00:26:54.600 --> 00:26:56.850

Shaunna Barnhart: yeah that's from 1993 so.

249

00:26:59.850 --> 00:27:00.300

Shaunna Barnhart: yeah.

250

00:27:01.140 --> 00:27:03.060

Makenna Cerney: I think I should look into that.

251

00:27:04.560 --> 00:27:05.010

Shaunna Barnhart: yeah.

252

00:27:06.180 --> 00:27:14.640

Shaunna Barnhart: So when you're out of quarantine you can take a walk down there and see if you can figure out where that is if it's still exist or where it was if it's not there anymore.

253

00:27:15.180 --> 00:27:20.940

Shaunna Barnhart: yeah going to have that comparative photo like this is 1993 this is today what changed.

254

00:27:21.840 --> 00:27:30.480

Makenna Cerney: yeah I know that's super cool I know it'd be cool to show like you know why did we get rid of them if we don't have the tops on it anymore.

255

00:27:31.470 --> 00:27:36.630

Shaunna Barnhart: yeah i've not seen covered parking for bicycles anywhere on campus anywhere else anyway.

256

00:27:37.710 --> 00:27:41.070

Shaunna Barnhart: yeah right but that might be something that would entice people.

257

00:27:41.070 --> 00:27:45.060

Shaunna Barnhart: to ride, you know, an expensive bike on campus if they had some place to.

258

00:27:46.200 --> 00:27:46.710

Shaunna Barnhart: park it out.

259

00:27:47.700 --> 00:27:48.210

yeah.

260

00:27:49.350 --> 00:27:54.030

Makenna Cerney: Just like like one of the things that people don't even know where to bring their bike if they were to write.

263

00:27:57.480 --> 00:27:59.430

Makenna Cerney: That was all my questions so.

264

00:27:59.880 --> 00:28:00.750

Shaunna Barnhart: little bit baby.

265

00:28:00.840 --> 00:28:05.040

Makenna Cerney: Oh much I feel like that was perfect that's kind of exactly what I was getting at and.

266

00:28:05.130 --> 00:28:05.520

Makenna Cerney: I have.

267

00:28:05.910 --> 00:28:10.200

Makenna Cerney: A lot of stuff I can kind of look at, so thank you so much.

268

00:28:11.010 --> 00:28:17.700

Shaunna Barnhart: And we'll see the facilities archives, from what I recall from my perusal of them are just they're just done by year.

269

00:28:18.270 --> 00:28:19.650

Shaunna Barnhart: Other than by topic.

270

00:28:20.100 --> 00:28:22.290

Shaunna Barnhart: So if you know, a year that something happened.

271

00:28:23.460 --> 00:28:26.910

Shaunna Barnhart: Right, then you can ask for that specific year to try and.

272

00:28:27.420 --> 00:28:30.390

Shaunna Barnhart: Narrow in on any of the documentation about.

273

00:28:31.020 --> 00:28:40.050

Shaunna Barnhart: decisions that were made, particularly in the like the 50s through the 70s, at least, all the stuff from facilities were type written memos.

274

00:28:40.680 --> 00:28:51.330

Shaunna Barnhart: And so there's a pretty robust archive of those materials that can really give you a good window into how decisions are being made that affected the way that campuses was being built at the time.

275

00:28:52.710 --> 00:28:56.460

Makenna Cerney: I think i'm also going to ask carry permit the librarian because she's.

276

00:28:57.900 --> 00:28:59.160

Makenna Cerney: knows everything so.

277

00:28:59.580 --> 00:29:01.650

Makenna Cerney: I could offer to help me with this too.

278

00:29:02.220 --> 00:29:06.720

Makenna Cerney: yeah perfect, as I made me really excited I have a lot to look at now.

279

00:29:07.140 --> 00:29:08.550

Shaunna Barnhart: Good well i'm glad it was helpful.

280

00:29:09.150 --> 00:29:15.030

Makenna Cerney: yeah um so My thesis will be done in a few months so look out for it, you want to read it.

281

00:29:17.040 --> 00:29:17.760

Makenna Cerney: department.

282

00:29:17.880 --> 00:29:20.160

Shaunna Barnhart: The share share version of it when it's done.

283

00:29:20.760 --> 00:29:21.360

Makenna Cerney: Of course.

284

00:29:21.660 --> 00:29:22.020

Shaunna Barnhart: i'd be.

285

00:29:23.250 --> 00:29:25.260

Makenna Cerney: yeah sure you'll be quoted in it so.

286

00:29:26.310 --> 00:29:28.890

Shaunna Barnhart: It was this, for this is for environmental studies is that right.

287

00:29:29.220 --> 00:29:35.850

Makenna Cerney: um so i'm actually doing it it's i'm an economics and environmental studies major but i'm actually doing it through the economics department so.

288

00:29:36.060 --> 00:29:36.390

Shaunna Barnhart: You can.

so.

290

00:29:42.540 --> 00:29:49.860

Makenna Cerney: it's kind of like an interesting I don't know look at it, but yeah like bucknell really just cares about that part you know so.

291

00:29:50.910 --> 00:29:55.050

Makenna Cerney: kind of that's how i'm getting my point across so yeah it's been fun it's been a lot of work but.

292

00:29:56.010 --> 00:29:59.520

Shaunna Barnhart: Good and it have you touched base with a walk or bike at people in lewisburg.

293

00:30:00.000 --> 00:30:07.350

Makenna Cerney: yeah I talked to them early on and they gave me all of their previous service, so my survey was kind of based on what they already had.

294

00:30:09.000 --> 00:30:10.230

Makenna Cerney: That their research.

295

00:30:11.070 --> 00:30:21.300

Shaunna Barnhart: And there was an environmental studies for 11 senior class project that was done two or three years ago that looked at connecting.

296

00:30:23.400 --> 00:30:25.470

Shaunna Barnhart: I want it was really to walking and biking.

297

00:30:25.920 --> 00:30:26.130

Shaunna Barnhart: Long.

298

00:30:26.820 --> 00:30:28.680

Makenna Cerney: I think I also have their survey till.

299

00:30:28.950 --> 00:30:39.270

Makenna Cerney: You don't yeah I was given a folder of like basically all the research done that book now and i'm in for 11 right now, and they have one of the group projects is the biking one.

300

00:30:41.070 --> 00:30:42.420

Makenna Cerney: funny, so I think it's continued.

301

00:30:42.420 --> 00:30:42.720

But.

302

00:30:44.550 --> 00:30:49.110

Makenna Cerney: yeah they've been a lot of research on it, but i'm kind of just trying to fill in where the gaps are.

303

00:30:49.650 --> 00:30:54.180

Shaunna Barnhart: Right yeah yep sounds good, I look forward to seeing it good luck.

304

00:30:54.690 --> 00:30:56.340

Makenna Cerney: Thank you, thank you so much.