Background
• Global warming is a huge problem. Transportation accounts for more than 30% of greenhouse gas emissions.
• US is a car dependent country. In order to address this problem, college campuses work hard to move toward sustainability.
• Thus, improvement of sustainable transportation is important to understand.

Research Questions
How can colleges in America improve sustainable transportation?

Internship and Methods
• Interned at Common Caws for Sustainability Podcast-This organization’s mission is to spread awareness of sustainability.
• My partner and I worked together to produce podcasts to spread ideas to campuses particular UW.
• The podcast was consisted of the following topic of sustainable transportation (Fig 1): biking, buses and light rails, and clean air vehicles.
• Literature reviews and surveys (UW transportation) related to sustainable transportation on campuses were researched in order to find improvements for sustainable transportation in colleges.

Results
• Time of days available and availability of seats need to be improved. (Fig 2)
• However, roadway improvements like greenway routes (recreational and environmental protection use) still needed in order to provide better commute experiences. (Fig 3)
• Secure bike parking locations should be expanded. (Fig 3)
• More bike pavement signs are needed. (Fig3)

<table>
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<th>Frequency of service</th>
<th>Number of service transfers required</th>
<th>Travel time</th>
<th>Cost</th>
<th>Reliability (on time)</th>
<th>Perception of safety</th>
<th>Seats availability</th>
<th>Time of day available</th>
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Fig 2 Transit Satisfaction Rating UW Seattle. Satisfaction of transit system is high, but there are still rooms for improvements.

Implications
• Communication and planning will continue to make sustainable transportation become more accessible to more people in terms of factors such as prices and expansion of transits around campuses.
• Campaigning about the importance of sustainable transportation at campus communities is quite helpful.
• Helpful programs maximize efficiencies should continue to be implemented in order to have great commute experiences to campuses.
• With these ideas in mind, sustainable transportation on college campuses effectiveness will be hugely improved.

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