

Empowering Women Seminar Series

“Outliers” and “Unintended Consequences”: A Discussion About Bias in Vehicle Safety

Hosted by: Women in Engineering (WiE) and the Society of Women Engineers (SWE)

Discussion lead by Special Guest: Samantha Haus

Samantha Haus, a current Ph.D. candidate in Biomedical Engineering at Virginia Tech, joins us for an informational discussion on gender bias in vehicle safety.

Automotive safety policies and guidelines are established based on car crash test data. However, the majority of car crash testing research utilizes crash test dummies that represent the average male height and weight. Ms. Haus will discuss the dire consequences this bias in the way cars are crash-tested has on crash outcomes for women.

An alumna of the University of Florida with a B.S. in Biomedical Engineering, Ms. Haus' current research focuses on making roads safer for bicyclists and pedestrians by examining crash causation factors, evaluating the effectiveness of active safety features, and improving understanding of pedestrian and bicyclist behavior. Her research has included funding and collaboration with prominent industry sponsors such as Toyota. Ms. Haus is also an active member of Virginia Tech's chapter of Women's Transportation Seminar (WTS), a professional organization that aims to create opportunities for and empower women in the transportation industry.



Wednesday, October 7th
6:30pm

Zoom Meeting ID: 998 0249 7932

Passcode: 071842