



<b>TOPIC</b>	<b>The Ethical Development of Autonomous Vehicles</b>
<b>ORGANIZERS</b>	Student Leadership Council and Faculty of ACIT Institute and TECHLAV Center
<b>AREA</b>	Ethics in the development of autonomous vehicles
<b>SPEAKER</b>	Beth-Anne Schuelke-Leech
<b>DATE</b>	Friday March 31, 2017
<b>TIME</b>	3:00 – 4:00 p.m. (EST)
<b>VENUE</b>	Fort IRC 410, North Carolina A&T State University, UTSA and SIPI will be joining through video-conferencing
<b>FEES</b>	No Charge

## SYNOPSIS

Autonomous Vehicles operate independently of a human driver. Instead, they will rely on an algorithm developed by engineers. How engineers program this algorithm therefore, will have life-and-death consequences. Should engineers program a vehicle to protect the occupants of that vehicle if there is an impending accident or should the engineer look to minimize injury to all humans, even if that means greater injury (or even death) to the occupant in the specific vehicle? For these decisions, there are no strictly right and wrong answers. Engineers are going to decide who lives and who gets injured (and how much they are injured) before the accident occurs. Thus, engineers must think about the ethical implications and consequences of their work. The purpose of this presentation is to consider the role of ethics in the development of autonomous vehicles.

## ABOUT THE SPEAKER



Dr. Beth-Anne Schuelke-Leech is an Assistant Professor of Engineering Management and Entrepreneurship. Professor Schuelke-Leech earned her doctorate at the University of Georgia in Public Policy and Finance. She has an undergraduate degree in Mechanical Engineering from McMaster University and a Masters of Business Administration from York University. Before undertaking her doctoral studies, she worked for 12 years as a professional engineer in Ontario, primarily in product development for General Motors. Dr. Schuelke-Leech's research sits at the nexus of technological innovation, engineering, business, and policy. Her work focuses on the innovation process and linking industry, academia, and policymakers.