



International Road Safety Symposium

October 31-November 1, 2022, Vancouver, Canada



BC Centre for Disease Control
Provincial Health Services Authority

The UBC Bureau of Integrated Transportation Safety and Advanced Mobility (BITSAM) and the BC Centre for Disease Control (BCCDC) invite you to take part in the UBC International Road Safety Symposium from October 31 - November 1, 2022. This symposium is also supported by Parachute through sponsorship from Desjardins Insurance and the BC Injury Research and Prevention Unit.

Prof Tarek Sayed, Tier 1 Canada Research Chair in Transportation Safety and Advanced Mobility, is excited to co-host this event with BCCDC to share research and practice critical to advancing road safety. Renowned experts from North America will join local and provincial experts to discuss and share their experience and recent research with a focus on application, implementation and equity at the local level. The symposium will provide a forum for dialogue with all attendees to allow for focused discussions on specific issues and solutions.

Location:

Coast Coal Harbour Hotel
1180 W Hastings St.
Vancouver, BC, Canada

Cost:

Early Bird: \$350 (until Sep 30)
Regular: \$450
Student: \$200

Register for this event at bit.ly/ubcroadsafety2022

Questions? Contact Clark Lim: clim@civil.ubc.ca

Day 1 (presentation + discussion)

- Road safety challenges and opportunities in the smart mobility era
- Cycling Safety - Now and Into the Future
- Equity and Road Safety
- Autonomous Vehicle Safety
- Advances in Autonomous Vehicles

Day 2 (interactive panel discussions)

- Road Safety and Reconciliation
- Improving Active Road User Safety
- Successful Safety Initiatives in BC
- How big data analytics is shaping the future of safety initiatives and auto insurance
- Understanding the Impact of Advanced Vehicle Technology on Safety

Experts (listed alphabetically):

Dr. Johnathon Ehsani

Assistant Professor, Dept. of Health Policy & Management, Johns Hopkins Bloomberg School of Public Health



Dr. Ehsani is an injury prevention researcher with over 50 peer-reviewed publications in road safety. He did a postdoctoral fellowship at the National Institutes of Health and joined Johns Hopkins in 2016 to lead the transportation research group at the Center for Injury Research and Policy. Dr. Ehsani has contributed to the science of naturalistic driving-related research methods, including the use of smartphones as a substitute for vehicle instrumentation. He currently serves on the Academic Advisory Council of PAVE (Partners for Automated Vehicle Education), and on the Baltimore City Task Force on Dockless Vehicles where he is evaluating the city's scooter equity zone policy.

Dr. Susan Handy

Professor, Environmental Science and Policy, University of California, Davis



Dr. Susan Handy is the Director of the National Center for Sustainable Transportation at the University of California, Davis, where she also chairs the graduate program in Transportation Technology and Policy. Her research focuses on strategies for reducing automobile dependence, including bicycling as a mode of transportation. She is the author of *Shifting Gears*, to be published in 2023.

Dr. Alain Kornhauser

Professor, Operations Research and Financial Engineering, Princeton University



Prof. Kornhauser has now completed his 50th year as faculty at Princeton. He serves as Director of the Transportation Program where he continues his research in transportation, focused on the real-time operation of large fleets of driverless vehicles and on the development of [Deep-Learning Neural Networks that safely drive road vehicles](#). He is particularly focused on the use of aTaxis to deliver [Equitable, Affordable, High-quality Mobility](#) to everyone, especially economically challenged households. He is Faculty Chair of Princeton Autonomous Vehicle Engineering (PAVE), Editor of the Smart Driving Cars Newsletter (www.SmartDrivingCar.com), Co-host of the SmartDrivingCar Podcasts, Organizer of the Annual [Princeton SmartDrivingCars Summits](#), Board Chair of the Advanced Transit Association (ATRA), Board Member of the New Jersey Commission on Science, Information and technology, and a member of New Jersey's legislated Autonomous Vehicle Task Force. In addition to his teaching and research duties he serves as the ORFE's Department's Director of Undergraduate Studies. Professor Kornhauser completed 14 NYC Marathons.

Dr. Tarek Sayed

Professor, Dept. of Civil Engineering, University of British Columbia



Dr. Sayed is a distinguished professor and the Tier Canada Research Chair of Transportation Safety and Advanced Mobility at UBC. He is a Fellow of the Engineering Institute of Canada, the Canadian Academy of Engineering and the Canadian Society for Civil Engineering. He has more than 400 publications and has supervised 95 Masters and PhD students. Dr. Sayed's research on improving traffic safety analysis and evaluation is helping to reshape how road safety problems are identified and evaluated. His work on proactive road safety management has received wide recognition and is being applied in several countries worldwide.

Dr. John Scanlon

Senior Safety Research Engineer, Severity and Safety Impact Team, Waymo



John leads multiple projects that estimate the potential for the Waymo technology to improve roadway safety. Before joining Waymo, John worked as a Senior Associate in Exponent's Vehicle Engineer practice, where he managed a wide range of client projects on the topics of crash reconstruction, automotive safety, and vehicle design. John completed his BS (Engineering Science and Mechanics), MS (Biomedical Engineering), and Ph.D. work (Biomedical Engineering) at Virginia Tech. His Ph.D. work within the Virginia Tech/Wake Forest Center for Injury Biomechanics was sponsored by Toyota and aimed to evaluate the potential safety benefits of automated vehicle technologies in the U.S. vehicle fleet.