



# The 3<sup>rd</sup> Summer Camp

## Graduate Program for Convergence Technology of D.N.A and Road Transport

- 24th June - 4th July, 2025
- Jeju Innovation Growth Center



아주대학교  
AJOU UNIVERSITY



Cho Chun Shik Graduate School  
of Mobility | 조천식 모빌리티 대학원



국토교통 D.N.A+  
도로교통분야 융합기술대학원



# Invited Speakers

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## Prof. Nina M. Silverstein

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Nina M. Silverstein is Professor Emeritus, Gerontology Department, University of Massachusetts Boston. Her PhD is from Brandeis University. She is a Fellow of the Gerontological Society of America (GSA) and has held leadership roles in that organization; the Academy for Gerontology in Higher Education; and the Alzheimer's Association. She has published on the impact of dementia on home, community, institutional and acute care; community mobility; and on a broad range of issues in gerontology. She is an Associate Editor for the Journal of Transport & Health and serves on several other editorial boards. Currently, she is Co-Investigator on healthy aging data reports funded through the Point 32 Foundation. In addition, she is Co-Investigator on RRF-funded research on age-inclusivity in higher education and serves on the GSA working group tasked to provide resources toward reaching that goal.

## Prof. Jennifer Oxley

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Jennifer's research has made a significant contribution to the reduction of injuries and overall safe mobility of vulnerable populations. Her main research interests are in the roles of health promotion, education and behaviour in injury prevention and trauma and investigating the role of human behaviour and performance in injury occurrence. Much of her work focuses on the assessment and management of risk and development of behaviour change and human factors approaches to prevent injuries. She also has a keen research interests in promoting healthy lifestyles, assessment of performance, examining injury and health outcomes following incidents/collisions, as well as evaluations of educational, training, behavioural and technological interventions.

Jennifer is responsible for managing major projects in the areas of safety and well-being of older adults, assessment of risk of learner and novice drivers, motorcyclists, pedestrians and cyclists, older road users, child injury prevention, and unlicensed and offender drivers. Her studies address human factors and safety issues relevant to ITS technologies and development of innovative measures to improve safety, mobility and quality of life amongst these populations.

Jennifer serves on a number of international boards and committees and is currently supervising postgraduate students in Safe System approaches to road safety, vulnerable road user safety, workplace safety, safety and accessibility on public transport, falls prevention, and community safety.





## Prof. Prateek Bansal

Prof. Prateek Bansal is a Presidential Young (Assistant) Professor at the National University of Singapore (NUS). Before joining NUS in 2022, he was a Leverhulme Trust Early Career Fellow at Imperial College London and did a Ph.D. from Cornell, an MSc from UT Austin, a BTech from IIT Delhi. Prateek leads the Behavioural Cognitive Science Lab at NUS and is a co-principal investigator of the Adaptive Mobility module at Future Cities Laboratory, Singapore. His research group is interested in creating new methods to address challenging questions related to mobility behavior and the adoption of emerging technologies at an individual level and an urban scale. His research has led to over 70 journal articles. Apart from top Transportation journals, he regularly publishes in interdisciplinary journals like Energy Economics and Statistics and Computing. He also serves as the editorial board member of Transportation Research Part A: Policy and Practice, Transportation Research Part B: Methodological, and Journal of Choice Modelling, among others. He is a member of the TRB's standing committees on Travel Survey Methods (AEP25) and Travel Forecasting (AEP50), and a regular board member of the International Association of Travel Behavior Research (IATBR).

## Prof. Qixiu Cheng

Prof. Qixiu Cheng is a Lecturer (Assistant Professor) at the University of Bristol, UK. Before his current position, he was a Postdoctoral Research Fellow and then been promoted to a Research Assistant Professor at The Hong Kong Polytechnic University, China. He obtained his PhD in Transportation Engineering from Southeast University, China in 2021. He is broadly interested in the research topics on macro and micro traffic flow theory, transportation network modeling and optimization, and AI applications in transportation systems. In these areas, his work has been published in prestigious journals like Transportation Research Parts B/C/E, European Journal of Operational Research, and IEEE Transactions on Intelligent Transportation Systems, etc. He is an Associate Editor of Urban Resilience and Sustainability, an Editorial Board Editor of Multimodal Transportation, and a Member of TRB Standing Committee on Urban Transportation Data and Information Systems (AED20).



## Prof. Eung-Joo Lee

Prof. Eung-Joo Lee is a tenure-track assistant professor in the Department of Electrical and Computer Engineering at the University of Arizona. He is currently affiliated with the Department of Ophthalmology and Vision Science and serve on the Body and Imaging Center Scientific Advisory Committee at the University of Arizona. Additionally, he serves as an adjunct professor in the Department of Electrical and Computer Engineering at the University of Nebraska-Lincoln. Before joining the University of Arizona, he was a postdoctoral research fellow at MGH/Harvard Medical School, contributing to the Center for Machine Learning at Martinos. He earned a Ph.D. in Electrical and Computer Engineering from the University of Maryland, College Park. During his doctoral studies, he engaged in a research internship at the U.S. Army Research Laboratory and collaborated on interdisciplinary research with Children's National Hospital.





## Prof. Elisabetta Cherchi

Elisabetta Cherchi is Professor of Civil and Urban Engineering at New York University Abu Dhabi and Associate Faculty with the Civil and Urban Engineering Department at NYU Tandon. Prior to joining NYUAD, she was Professor of Transport at Newcastle University in the UK, Associate Professor at the Technical University of Denmark (DTU), and Assistant Professor at the University of Cagliari, Italy. She has also been an Adjunct Professor at the School of Economics and Management, Beijing Jiaotong University, China and Contract Professor at the Department of Transport, Polytechnic University of Madrid, Spain. Elisabetta Cherchi is the past Editor-in-Chief of Transportation Research Part A: Policy and Practice (2018-2024), past Associate Editor of Transportation (2013-2018), and member of the editorial boards of several journals. She is the Chair of the Steering Committee of the European Association for Research in Transportation (hEART), past Chair of the International Association for Travel Behaviour Research (IATBR), as well as past Secretary and Treasurer of the IATBR. Cherchi's research and teaching interests are in modelling transport consumers' behaviour and decision process, with particular reference to discrete choice analysis. Her interests include data collection (including the use of immersive virtual reality environments), demand modelling, demand forecasting, and user benefit evaluation. Applications span from the typical problem of mode choice, with the goal of promoting sustainable mobility, to transport innovations such as the adoption of electric mobility and automated vehicles.

## Prof. Shimul (Md. Mazharul) Haque

Prof. Shimul Haque is the Head of the School of Civil and Environmental Engineering, a Professor of Transport Engineering, and the Director of the Smart Transport Safety Research Lab (STSR-Lab) at the Queensland University of Technology (QUT), Brisbane, Australia. Prof. Haque is passionate about road safety engineering research. He is a specialist in econometrics and artificial intelligence applications in transport engineering and traffic safety. His research is focused on developing intelligent technologies to save lives and reduce road traffic injuries. He has established a strong track record of improving the theoretical understanding of road safety dynamics at transport facilities and developing efficient and low-cost countermeasures for road traffic infrastructure. Specific topics of his research include Traffic Conflict Analysis, Engineering Factors in Traffic Operation and Safety, Human Factors and Driving Behaviour, Vulnerable road users, and Connected and Automated Vehicles.

Prof. Haque has delivered more than 20 road safety projects in Australia and has published more than 200 peer-reviewed research articles in top-class journals and international conferences. His publications are cited more than 9,000 times. Prof. Haque is the Editor-in-Chief of Analytical Methods in Accident Research, the 1st-ranked journal in transportation and an Associate Editor of Accident Analysis and Prevention, the premier journal in road safety. He co-founded the university-led start-up Advanced Mobility Analytics Group (AMAG), which provides a world-leading platform in transport analytics by applying artificial intelligence and machine learning that support decision-making for transportation network safety, real-time operations, asset management, and network modelling functions.

