



Professional memberships

Friend and former member of the Transportation Research Board (TRB), Impairment in Transportation Committee

Member and previous board member of the Canadian Association of Road Safety Professionals (CARSP/ACPSER)

Member and previous board member of the Association of Transportation Safety Information Professionals (ATSIP)

Member of the American Probation and Parole Association (APPA)

Member of the International Council on Alcohol, Drugs and Traffic Safety (ICADTS)

Member of the Transportation Research Board (TRB), Safety Data, Analysis and Evaluation Committee

The **Traffic Injury Research Foundation (TIRF)** mission is to be the knowledge source for safe road users and a world leader in research, program and policy development, evaluation, and knowledge transfer. TIRF is a registered charity and depends on grants, awards, and donations to provide services for the public.

Visit www.tirf.ca

Ward Vanlaar is a statistician and criminologist, who brings a unique set of quantitative and methodological skills to TIRF. Ward is trilingual (professional proficiency in English, French and Dutch).

Career and research highlights:

- > Ward's main fields of interest are traffic enforcement issues, risky driving behaviours, young drivers, senior drivers, evaluation research, survey research and epidemiology, safety performance indicators, and implementation of road safety programs.
- > Before working at TIRF, Ward worked for the Behaviour and Policy Department of the Belgian Road Safety Institute (IBSR) from 1999 to 2005, where he served as Head of Research from 2001 to 2005.
- > Ward has authored many reports and articles in the grey literature and the peer-reviewed academic literature (Elsevier h-factor: 21) on a variety of topics including drinking and driving, drugged driving, fatigued driving, distracted driving, cognitive impairment, aggressive driving, senior drivers, graduated driver licensing (GDL), automated vehicles and risk compensation, wildlife vehicle crashes, roadside surveys, survey research and multilevel modeling.
- > During his career Ward has blended academic research with meaningful real-world implementation of proven road safety countermeasures by providing technical assistance to a broad variety of audiences around the world.

Academic highlights:

- > He received his Ph.D. in Transportation Science from the University of Hasselt in Belgium in 2009.
- > Ward has a Master's degree in Criminology from Ghent University (1999) and a Master's degree in Quantitative Analysis from the Catholic University of Brussels (2001).
- > He taught quantitative methods in criminology as a part-time professor at the University of Ottawa, both in English and French, and has taught multivariate analysis as a Teaching Fellow at the Essex University Summer School. He also served as a guest faculty member at the University of Hasselt where he taught a course on traffic safety.
- > Ward is an Associate Editor of Accident Analysis and Prevention (AAP), a former Handling Editor of Transportation Research Record (TRR): Journal of the Transportation Research Board, and an editorial board member of the Journal of Safety Research (JSR).



Ward G.M. Vanlaar | Chief Operating Officer

For more information about
TIRF visit www.tirf.ca

Selected bibliography:

A case-control study of the impact of automated speed enforcement on motorist speeds and speeding violations in Rwanda (2024)

Accident Analysis and Prevention



Effect of eco-driving on commercial motor vehicle driver collision risk (2024)

Journal of Safety Research



The impact of COVID-19 on transportation-related and risky driving behaviors in Canada (2024)

Transportation Research Part F



Pilot study of a new road test to assess cognitive fitness to drive (2019)

Transportation Research Part F



TIRF Educational Resources

Action2Zero
action2zero.tirf.ca

Alcohol Ignition Interlock Curriculum for Practitioners
aic.tirf.ca

Brain on Board
brainonboard.ca

Community-Based Toolkit for Road Safety Campaigns
tirf.ca/projects/community-based-toolkit-road-safety-campaigns

Drop It And Drive®
diad.tirf.ca

Drug-Impaired Driving Learning Centre (DIDL)
druggeddriving.tirf.ca

GDL Framework Safety Center
gdlframework.tirf.ca

Sober Smart Driving
sobersmartdriving.tirf.ca

Wildlife Roadsharing Resource Centre (WRRC)
wildliferoadsharing.tirf.ca

Young and New Driver Resource Centre
yndrc.tirf.ca