Wednesday, May 27, 2015
1:30pm – 5:30pm CARSP Board Meeting
2:00pm – 4:00pm Exhibitor Set Up
4:00pm – 6:00pm Registration Table Open
6:30pm – 8:30pm Welcoming Reception / Trade Show Exhibition Open

Thursday, May 28, 2015
8:00am – 2:00pm Registration Table Open
7:15am - 8:15am Breakfast
8:15am – 9:00am Thursday Plenary Session
Opening Ceremonies/Welcoming Remarks:
• Dr. Brian Jonah, Chair and CARSP President
• Mr. Keith Egli, Chair of Transportation Committee and City Councillor, City of Ottawa, and
• Mr. Rob Wilkinson, Safer Roads Ottawa Program, City of Ottawa

Plenary Speaker:
• Mr. Dan Mayhew, Senior Research Scientist and Advisor, Traffic Injury Research Foundation “Canada’s Progress on Road Safety - 25 Years in Review”

9:00am – 10:00am Panel Discussion I – Canada’s Road Safety Past and Future: Update on the UN Decade of Action for Road Safety Goals – PART I

Panelists:
• Dr. Eugênia M.S.Rodrigues, Regional Advisor on Road Safety, Pan American Health Organization/World Health Organization “Global Progress on the Decade of Action”
• Liz Owens, Director, Policy and Research, Office of Traffic Safety, Alberta Transportation, “Road Safety Management in Alberta” and
• Peter Burns, Chief, Vehicle Systems and Ergonomics, Transport Canada, “Canada’s Progress on the Safe Vehicles’ Goals”

10:00am - 10:30am Nutrition Break / Trade Show Exhibition

10:30am – 12:00pm Session 1A: Cycling and Motorcycle Safety I
• Examining the impact of bicycle lanes on cyclist-motor vehicle collisions in the city of Toronto: a quasi-experimental study., (Bhatia)
• Mapping cyclist activity and injury risk in a network combining smartphone GPS data and bicycle counts, (Strauss)
• Motorcycle safety program for tribal violent area of Pakistan, (Khoso)
• Conspicuity of motorcycles in traffic: evidence from two change-blindness experiments, (Sager)

Session 1B: Distracted Driving
• Traffic safety coalition and ‘Promise to Focus on the Road’, distracted driving campaign, (Mierzejewski)
• A strategic approach to address distracted driving, (Milner)
• Mobile device use by drivers before and after implementation of a new Nova Scotia distracted driving law, (Cartwright)
• Making progress on distracted driving in Canada (Robertson)

Session 1C: Marketing a Traffic Safety Culture
• Perceived and actual safety of streets by vulnerable and handicapped users: a GIS case-study of Montreal’s built environment, (Brunneau)
• Vision zero - principles for effective adoption, (Milligan)
• Nobody expects to end the day with a horrific car crash: social marketing to reduce traffic related injury, (Pike)

12:00pm – 1:30pm CARSP Luncheon / Annual General Meeting

1:30pm – 3:00pm Session 2A: Drug Impaired Driving
• Enquête de capacité de conduite affaiblie – Drogues, (Pilon)
• “Eggs on Weed” A social marketing approach to reducing cannabis impaired driving by Ontario teens, (Thompson)
• Changing mindsets around pot impaired driving, (Leonard)
• Validation of roadside drug screening devices: approaching implementation(Smith)

Session 2B: Road Safety Assessment
• Roadside safety inventory and condition assessments, (Suggett)
• Road safety in first nation communities: In need of local interventions, (Grenier, Hamel-Charest, McMurphy and Angell)
• Manitoba’s pilot in-service road safety review program, (Milligan)
• An analytical tool to diagnose the safety problems at high crash locations, (Ibrahim)

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Session 2C: School Safety
- Do school crossing guards make crossing roads safer? An analysis of 27,827 pedestrian collisions, (Rothman)
- Méthode d’aide à la décision pour déterminer la localisation des passages brigadiers dans l’agglomération de Montréal (Rancourt)
- Driving behaviours near elementary schools and child pedestrian-motor vehicle collisions, (Rothman)
- Association between parent perception of traffic danger, walking to school and the built environment, (Rothman)

3:00pm – 3:30pm Nutrition Break / Trade Show Exhibition

3:30pm – 5:15pm Session 3A: Collision Prediction and Prevention Approaches
- Collision prediction models for urban intersections and its application in hot spots identification and ranking, (Barua)
- Estimating crash modification factors using surrogate measures of safety, (Saleem)
- Traffic parameter methods for surrogate safety: A comparative study of three mobile sensor technologies, (Stipanic)

Session 3B: Intersection Safety
- Effects of protected left turn signal on traffic safety and operation, (Barua)
- How psychological and physiological impacts influence traffic interpretation, (Brown)
- Are intersections with cycle tracks safer? A control-case study based on automated surrogate safety analysis using video data, (Zangenehpour)
- Alberta intersection safety device evaluation, (Owens)
- Evaluating the effectiveness of roundabout collision prediction models using estimated total daily conflicting volumes, (Saleem)

Session 3C: Medically At-Risk Driving
- Are we going in the right direction with driving and anesthesia?, (Lavalliere)
- The impact of childhood symptoms of conduct disorder on driving after drinking in adulthood, (Wickens)
- Attention deficit hyperactivity disorder symptoms and previous diagnosis, other comorbidities and driving: Population-based examination in a Canadian sample, (Vingilis)

6:30pm – 9:00pm The Future of Road Safety
- Networking opportunity and reception for all delegates
- Where more experienced road safety professionals and the up-and-coming, meet.
- Hosted by the Canadian Road Safety Youth Committee

Friday, May 29, 2015
8:00am – 2:00pm Registration Table Open
7:30am - 8:30am Breakfast
8:30am – 8:35am Welcoming Remarks - Dr. Brian Jonah, Chair and CARSP President
8:35am – 9:35am Panel Discussion II – Canada’s Road Safety Past and Future: Update on the UN Decade of Action for Road Safety Goals – PART II
Panelists:
- Dr. Eric Hildebrand, Professor, University of New Brunswick, “Canada’s Progress on the Infrastructure Goals”
- Dr. Brian Jonah, President, CARSP, “Canada’s Progress on the Road User Behaviour Goals” and
- Dr. Richard Dionne, Associate Professor, University of Ottawa, Emergency Medicine, EMS Associate Medical Director, Regional Paramedic Program for Eastern Ontario, “Canada’s Progress on the Post-Crash Care Goals”

9:35am – 10:00am Nutrition Break / Trade Show Exhibition
10:00am – 11:30am Session 4A: Alcohol Impaired Driving I
- An analysis of injuries and police statistics in Wetaskiwin, Alberta after an amended bylaw on liquor sales hours, (Belton)
- Reduced suspension with ignition interlock conduct review: A quantitative impact evaluation of an Ontario policy-based intervention, (Ma)
- Young passengers of impaired drivers, (Beirness)
- Characteristics and predictors of recidivist drink-drivers: An examination of Ontario’s “Back on Track” remedial measures program, (Wickens)
Session 4B: Special Vehicle Risks
- The impact of seatback loading in frontal collisions, (Roos)
- Ejections and fatalities in single-vehicle rollover crashes: A question of restraint, (German)
- Coroner’s report: Vehicle occupants are safer when the mechanical and safety features on the vehicle are in working order, (Sanfaçon)

Session 4C: Speeding and Aggressive Driving
- Evaluation of transverse pavement markings for speed reduction: Canada and Costa Rica, (Zamora)
- A city-wide safety analysis of mobile speed enforcement, (Li)
- Combating aggressive driving: A multidisciplinary approach, (Wiesenthal)
- Relationships between sensation seeking, speeding attitudes and driving violations among a sample of motor sports spectators and drivers, (Yildirim-Yenier)

11:30am – 1:30pm
Lunch

12:15pm – 12:45pm
UN #SaveKidsLives Campaign Update and Call to Action
Rebecca Peterniak, Chair, Canadian Road Safety Youth Committee

12:45pm – 1:30pm
Naturalistic Driving Studies: Update on Canadian and US Projects
Dr. Joanne Harbluk, Human Factors Specialist, Transport Canada

1:30pm – 3:15pm
Session 5A: Fitness to Drive
- Are interventions effective at improving skills in older drivers?, (Lavaliere)
- Meta-analysis of cognitive screening tools for predicting unsafe behaviour among elderly drivers, (Vanlaar)
- An evaluation of Ontario’s Group Education Session Program (GES) for licence renewal of seniors aged 80 and above, (Mainegra Hing)
- Effect of a new vehicle on acceleration and speeding patterns of older drivers, (Cull)
- A randomized trial of a comprehensive training program to enhance safe driving in older adults: Effects on driving comfort and knowledge, (Sawula)

Session 5B: Work-Related Road Safety
- Health and wellness in commercial motor vehicle drivers in Canada: A review of the literature, (Crizzle)
- Occupational driver impairment: Knowledge, perceptions and attitudes amongst employers in BC, (Diep)
- Improvement in sugarcane transportation in Pakistan, (Khoso)
- Enhancing TCP safety - remote sign turners, (Sarauer)
- An integrated approach to prevent work related collisions between multiple companies / industries: A Quebec initiative, (Lavaliere)

Session 5C: Cycling and Motorcycle Safety II
- Experiment on collision of bicycle with vehicle, (Park)
- Fatal-crashes involving cyclists (1985-2009): Crash- cyclist- and driver-related factors associated with crash responsibility, (Dubois)
- Improving cycling safety study in the City of Vancouver, (Patterson)
- Improving cycling safety on the ground: Edmonton's approach to conducting bicycle-specific in-service road safety review, (Patterson)
- Environnement routier et blessés cyclistes résultant d’une collision avec un véhicule : quels facteurs de risque dans un milieu faiblement densifié ?, (Séguin)

3:15pm – 3:45pm
Nutrition Break / Trade Show / Exhibition

3:45pm – 5:30pm
Session 6A: Injury Patterns and Trends
- Exploring spatial patterns of pedestrian injury by age and severity in Toronto, Canada, (Grise)
- Occupant injury simulation model development and neck injury assessment at low impact velocity using MADYMO active human model, (Kim)
- Examining the role of body mass index on injury severity in fatal crashes, (Dubois)
- Evaluation des couts de la prise en charge des victimes des accidents de la route en Algerie, (Dermer)

Session 6B: Pedestrian Safety
- Installation of speed humps and pedestrian-motor vehicle collisions in Toronto, Canada: A quasi-experimental study, (Rothman)
- Pedestrians with reduced mobility in shared spaces and pedestrian priority environments, (Bruneau)
- Building accessible, temporary pedestrian pathways through sidewalk construction, (Jamieson)
- Safe, secure and accessible: A gender-inclusive approach to the provision of pedestrian infrastructure, (Peterniak)
- Sécurité et marchabilité chez les piétons âgés : l’influence de l’environnement bâti objectif et subjectif dans une ville régionale, (Séguin)

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Session 6C: Alcohol Impaired Driving II
- Exploring the role of emotional regulation, sex, and impulsivity in alcohol impaired behaviours of young drivers, (Wong)
- Pilot testing a post RIDE evaluation of alcohol use by drivers, (Boase)
- RCMP's impaired driving strategy, (Taplin)
- Risky driving behaviour in Canada, (Jonah)

6:00pm
6:30pm - 7:00pm
Trade Show Exhibition Ends
7:00pm – 11:00pm
Cocktails
Networking and Awards Banquet
Presentations: CARSP’s 30th Anniversary and CARSP Conference 25th Anniversary
Entertainment: Music by Back Beat

Saturday, May 30, 2015
7:30am – 8:30am
8:30am – 10:00am
Breakfast
Session 7A: Emerging Data Trends and Tools
- Failure mechanisms of guidrail end terminals, (Hildebrand)
- First responders response time analysis considering at-grade crossing blockage: City of Saskatoon case study, (Rempel)
- A Canadian wildlife-vehicle collision clearninghouse, (Meister)
- Surrogate safety measures for crosswalk safety at non-signalized locations during the nighttime with the use of thermal videos: A case study in Montreal, (Fu)
- Analyse par modelisation des determinants comportementaux des usagers de la route dans les accidents en Algeria, (Hidra)

Session 7B: Risky Driving Behaviour
- Justice-related mediators of the relationship between unjust world beliefs and driving anger, (Roseborough)
- Intelligent transport systems for fatigue: a literature review, (Ruer)
- Driver fatigue and risk of death or injury to vehicle occupants and other road users, (Haya)
- Development of protocol to evaluate truck driver fatigue interventions, (Du)

10:00am – 10:15am
Nutrition Break
10:15am -11:30am
Panel Session III: Legalizing Marijuana: Implications on Road Safety
Moderator: Paul Boase, Chief, Road Users, Transport Canada
Panelists:
- Dr. Doug Beirness, Researcher, Canadian Centre on Substance Abuse, “Risks of Driving After Cannabis Use”
- Rebecca Jesseman, Director, Canadian Centre on Substance Abuse, “Exploring Policy Options for the Regulation of Cannabis”
- Dr. Robert Mann, Senior Scientist, Social and Epidemiological Research Department, Centre for Addiction and Mental Health, “Policy Perspectives on Legalizing Cannabis Use” and
- Gord Jones, Superintendent, Toronto Police Service and Co-Chair, CACP Traffic Committee, “Canadian Association of Chiefs of Police (CACP) Approach to Addressing Driving while Impaired by Cannabis”

11:30am -12:00pm
Student Paper Awards
12:00pm -12:15pm
Canadian Road Safety Youth Committee Raffle Draw