

EMBRACING CHANGE AND INNOVATION: NAVIGATING THE FUTURE OF PARAMEDICINE



AGENDA

TIME	CONTENT	PRESENTED BY
8:30-9:00	REGISTRATION	
8:50-9:00	WELCOME	
9:00-9:30	Creating The Future: It Starts With Us!	Nick Nudell PhD (c) American Paramedic Association
9:35-10:00	Paramedic Flourishing at Work: A Way Forward	Paige Mason MSc (c) Ottawa Paramedic Service
10:05-10:30	Research to Practice: Improving the Working Life of Paramedics.	Dr. Marcus Yung and Dr. Amin Yazdani Canadian Institute for Safety, Wellness and Performance
10:30-11:00	BREAK	
11:00-11:30	Developing the National Occupational Standard for Paramedics	Meghan Lysko MSc Oxford County Paramedic Service Will Johnston MSc Ottawa Paramedic Service

11:35-12:00	Clinical Indicators for Transport.	Dr. Matthew Leyenaar Prince Edward Island Department of Health and Wellness
12:00-13:00	LUNCH	
13:00-13:30	What Will Make the Paramedic of the Future an Effective Health Communicator? Lessons from the Literature	Dr. Charlene Vacon Regional Program of Eastern Ontario
13:30-14:00	Health System Leadership	Karen Simpson, Executive Director Arnprior and District Family Health Team
14:00- 14:30	Why Degree based Paramedic education is the future	Dr. Alan Batt Queen's University
14:30-15:00	BREAK	
15:00-15:30	Community Paramedics - Connecting Care with Technology	Dr. Kathryn Brohman Smith School of Business, Queen's University
15:30-16:00		Richard Labbé, Director of Quality and Regulatory Affairs at Technimount
16:00-16:45	Where to from here? Research, Reflection and Relevance	Dr. Sandy MacQuarrie Griffith University - Australia



Nick Nudell

Creating the Future: It Starts with Us!



@paigemason2



Paige is a proud paramedic with the Ottawa Paramedic Service and a new member of the Paramedic Tactical Unit. She is finishing her Masters thesis through Royal Roads University exploring paramedic well-being with a strengths-based lens. Paige's main research interests are driven by occupational culture, appreciative inquiry, and women's leadership development. She is passionate about paramedic driven research.

Paige Mason

Paramedic Flourishing at Work: A Way Forward



Dr. Marcus Yung is the director, research development and operations at the Canadian Institute for Safety, Wellness & Performance (CISWP). Dr. Yung's research focuses on the etiology of work-related musculoskeletal disorders, exposure assessment, workplace fatigue, and injury prevention. He has expertise in individual-level measurement using biophysical tools and in physical exposure estimation using population-level data to better understand exposure-disease relationships. His work has led to the development and evaluation of risk assessment tools, guidelines, and occupational health standards to improve worker health and performance. He holds a PhD in Kinesiology from University of Waterloo and is a Certified Professional Ergonomist.

Dr. Marcus Yung

Research to Practice:

Improving the Working Life of Paramedics.



Dr. Amin Yazdani is the executive director of the Canadian Institute for Safety, Wellness & Performance at Conestoga's College Institute of Technology and Advanced Learning. He is also an adjunct assistant professor at University of Waterloo. Dr. Yazdani's applied research focuses on inclusive design of product and work environment. He uses a multidisciplinary strategy to develop innovative approaches to prevent workplace injuries and work disability at the organizational level. In addition, he has extensive experience in collaborating with small, medium, and large sized organizations to address the challenges faced by the workforce and improve business outcomes such as productivity and performance. Dr. Yazdani spearheaded the development of several Canadian Standards, including Ergonomic Design for Ambulances and Related Equipment (CSA D500:20), Work Disability Management System for Paramedic Service Organizations (CSA Z1011.1:2022), and First Responders Fatigue Risk Management System (CSA Z1615:2022). Dr. Yazdani also co-led a multi-stakeholder initiative to develop a new MSD Prevention Guide for Ontario.

Dr. Amin Yazdani

Research to Practice:

Improving the Working Life of Paramedics.





Meghan is a PCP with Oxford County and SWORBHP and a graduate of the Fanshawe College paramedic program, class of 2021. Prior to returning to school for paramedicine Meghan obtained her Honours Bachelor of Science and Master of Science degrees, both from the University of Toronto, with specialization in rehabilitation after stroke, traumatic brain injury, or in the setting of degenerative disease. Meghan's background in research allowed her to join the paramedicine research community at an early stage of her paramedic career, with varied and budding interests including IPC, therapeutic communication, implicit and informal learning, and preceptor and paramedic education.

Meghan Lysko

Developing the National Occupational Standard for Paramedics

 @seewillyj

William Johnston is a Primary Care Paramedic with the Ottawa Paramedic Service. He is a graduate of McMaster University with an Honours Bachelor of Arts in Psychology, Neuroscience, and Behaviour, and an MSc in Health Science Education. He has a keen interest in paramedic driven research with a focus on paramedic initial and continuing education, simulation, and frailty and falls in older adults.

Will Johnston

Developing the National Occupational Standard for Paramedics

PCP, BSc, MA, PhD

 @MatthewLeyenaar



Dr. Matthew Leyenaar completed his PhD in the Health Services Research stream of the Health Research Methodology program at McMaster University. He also holds an MA in Geography from McMaster where his thesis investigated spatial-temporal patterns of repeated users of paramedic services. His interests in these challenges were developed during his time working as a paramedic in Eastern Ontario and completing an undergraduate degree in Geography, concentrating in Geomatics and applying his studies to paramedic service deployment planning. His present research seeks to improve both patient outcomes and service provision by evaluating patient care episodes, risk-factors associated with non-critical use, and collaborative approaches that improve accessibility to care. Matthew has been a member of the CSA Group Technical Committee on Community Paramedicine and served as Paramedic-at-large on the Canadian EMS Research Network Executive Board. He received the 2019 Award of Excellence for Research and Innovation from the Paramedic Association of Canada.

Dr. Matthew Leyenaar

Clinical Indicators for Transport



 @Charlene_vacon

Ontario | Dr. Vacon is an EMS Coordinator with the Regional Paramedic Program for Eastern Ontario. She is a Scientist with the McNally Project for Paramedicine Research and is consulting with the Paramedic Association of Canada's current National Occupational Standards for Paramedics project. Charlene has worked in paramedic operations, quality, education and research in Quebec, Alberta and Ontario. Charlene received her training as a critical care emergency medical technician in New York State and is currently a Primary Care Paramedic in Quebec.

She holds a PhD in Communications from Concordia University in Montreal, as well as an MA and a BA(H) in sociology from Acadia University. Following personal tragedy and a nearly four-year hiatus, this visit to Renfrew Research Day marks a hopeful return for Charlene to the work of paramedicine research and collaborative community discussion.

Dr. Charlene Vacon

What Will Make the Paramedic of the Future an Effective Health Communicator? Lessons from the Literature



Currently the Executive Director of the Arnprior & District Family Health Team, member of the Ottawa Valley OHT, the Ottawa West Four Rivers OHT and Co-chair of the Mental Health Addictions and Substance Use Health Action Team (OWFR).

Karen was the Director, LTC Inspections, with the Ministry of Health and worked within the Ministry of Health and Ministry of Community & Social Services for over 20 years. Prior to that Karen was the Executive Director of a Community Service Organization in Mississippi Mills.

Karen is known for delivering results including developing and sustaining high performing leadership and staff teams, collaborative partnerships with diverse stakeholders, managing change and significant organizational growth while ensuring a strong financial position.

Karen Simpson

Health System Leadership

 @alan_batt

Dr. Alan Batt is Adjunct Senior Lecturer at Monash University and Charles Sturt University, and Professor at Fanshawe College. He is Deputy Editor of Paramedicine, a Fellow of the Higher Education Academy (UK) and a Member of the Academy of Medical Educators (UK). His program of research uses mixed-methods approaches to explore health professions education, the expanding role of the paramedic, care of under-served and vulnerable populations, and structural and social determinants of health. Alan is an experienced paramedic clinician, educator, and researcher, and serves as a subject matter expert on paramedicine and health professions education for a number of bodies nationally and internationally. He received the 2018 Award of Excellence for Leadership and Community Building from the Paramedic Association of Canada. He supervises a number of PhD and master's students, many of whom are McNally Project members.

Dr. Alan Batt

Why Degree based Paramedic education is the future



Dr. Kathryn Brohman

Community Paramedics - Connecting Care with
Technology

Richard Labbé is the Director of Quality and Regulatory Affairs at Technimount. He is a professional engineer that worked on the development and operational support of patient handling equipment for over 15 years. His experience includes working for Stryker for 4 years, Umamo Medical for 9 years and some experiences with companies in medical robotics and dental implants. He contributed to the development, certification, and market release of over 30 different medical products including hospital beds, stretchers, therapy surfaces, ambulance mounts and patient positioning devices. He also supported the regulatory compliance of these devices in different markets such as Canada, USA, Brazil, Australia, Europe and the UK. His background in international standards and local regulations allows him to define the proper project alignments to meet the highest standards and broadest compliance.

Richard Labbé

Director of Quality and Regulatory Affairs
at Technimount



 @Justaguy_inOz



Sandy MacQuarrie is a transplanted Canadian enjoying interminable summers on the Gold Coast in Queensland Australia. He has worked in paramedicine since 1993 in urban, rural, and remote environments including HEMS and senior management positions. Currently he is a Senior Lecturer and researcher in the School of Medicine at Griffith University on the Gold Coast. Current research interests include the health and wellbeing of emergency services providers and others.

Dr. Sandy MacQuarrie

Where to from here?

Research, Reflection and Relevance

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