

Welcome and Introductions:

Bernie McIntyre

Senior Manager, Corporate Sustainability and Strategic Initiatives,
Toronto and Region Conservation Authority



Bernie is Senior Manager Corporate Sustainability and Strategic Initiatives with the Toronto and Region Conservation Authority (TRCA). In this current role Bernie is responsible for developing and leading a variety of sector based sustainable community programs. This includes partnership with the private sector to develop and deliver sector based energy efficiency programs including Greening Health Care, Mayors' Megawatt Challenge and the Sustainable Schools initiative. In addition Bernie is responsible for managing the TRCA's Corporate Sustainability Reporting program.

Bernie has more than 20 years of experience working in the field of environmental science. His experience includes environmental assessment and development of biological treatment in the mining industry, resource management with the federal and provincial governments, and watershed management with the Toronto and Region Conservation Authority. In 2000 Bernie worked with senior management at the Toronto and Region Conservation Authority on the development of The Living City vision and program for sustainability at a city region scale.

Bernie received an Honors B.Sc. in Zoology and a M.Sc. from the University of Manitoba in 1987.

Opening Remarks:

Peter Kaftarian

Assistant Deputy Minister, Health Capital Division at
Ontario Ministry of Health and Long-Term Care



Peter Kaftarian is the Assistant Deputy Minister of the Health Capital Division in the Ministry of Health & Long-Term Care, which directly supports the Ontario Government's significant health infrastructure investment, facilitating strategic investment decisions that link capital investments with health system needs.

The division is comprised of the Health Capital Investment Branch, currently managing over 100 approved Hospital, Community and Public Health capital projects and the Long-Term Care Home Renewal Branch, which is dedicated to the redevelopment of Ontario's Long-Term Care Homes through implementing the Enhanced Long-Term Care Home

Renewal Strategy. Peter leads a dedicated group of talented professionals responsible for developing and implementing policies and standards as well as managing the decision-

making process on a province-wide infrastructure footprint that delivers critical services to the people of Ontario through its hospitals, health centres and long-term care facilities. He provides insight and advice on a wide range of complicated issues, and his dedication to the important work of the Health Capital Division is valued throughout the ministry.

Over the past 15 years, Peter has steadily progressed through increasingly senior-level positions in the OPS, including assignments with the Ministries of Government Services and Community Safety & Correctional Services, continually broadening his knowledge and skills. He strives to always work collaboratively with partners and stakeholders, developing and maintaining meaningful, lasting relationships.

A firm believer in leading by example, Peter espouses mentorship, freely sharing his knowledge and experience with others. He champions numerous initiatives that support staff engagement and enrichment, to create an effective, desirable work environment and successfully deliver the Vision of the Health Capital Division; ‘To build quality facilities that support the delivery of excellent healthcare to the people of Ontario.’

Keynote Address

Curtis Lavoie (Speaker and Executive Panel Panelist)

Assistant Professor, Department of Pediatrics

Emergency Medicine Physician, Division of Emergency Medicine,

Children’s Hospital of Eastern Ontario (CHEO)



Dr. Curtis Lavoie completed medical school at the University of Calgary in 1993 and his residency at Dalhousie University in Halifax in 1995. He worked as an emergency physician at the Queen Elizabeth II Health Sciences Centre in Halifax as well as the Montreal Children’s Hospital and various institutions throughout the Maritime provinces.

Since 2001, he has been based in Ottawa working in emergency medicine, splitting his time between the Montfort Hospital and the Children’s Hospital of Eastern Ontario (CHEO). He is currently the co-chair of the CHEO Emergency Green Team and the CHEO Hospital Green Team.

His clinical interests include pediatric constipation, youth street drug use and anxiety disorders. Dr. Lavoie’s research interests include outcome feedback in emergency medicine and environmental sustainability in health care.

Executive Panel:

Anne-Marie Malek (Moderator)

President and Chief Executive Officer, West Park Healthcare Centre



Driven by West Park Healthcare Centre's vision of exemplary care inspired by innovation and exceptional performance, Anne-Marie has led numerous transformational changes at the Centre including the establishment of a LHIN level strategy for the Long Term Ventilation population which was recently recognized by Accreditation Canada as a Leading Practice.

Under her leadership West Park was recognized as a Top Employer in the Greater Toronto Area in 2011, received a Platinum Level Quality Healthcare Workplace Award in 2012, and a Greening Health Care Leadership Award (2012)



Fiona Miller (Panelist)

Associate Professor, Institute of Health Policy, Management and Evaluation, Director of the Division of Health Policy and Ethics at the THETA Collaborative, University of Toronto



Fiona A. Miller, PhD, is an Associate Professor of Health Policy in the Institute of Health Policy, Management and Evaluation, Director of the Division of Health Policy and Ethics at Toronto Health Economics and Technology Assessment Collaborative (THETA) and a member of the Joint Centre for Bioethics at the University of Toronto.

Her program of research centers on health technology policy, including the dynamics of health technology development, assessment and adoption within systems of health research and healthcare.



Bruce Gray (Panelist)

Senior Vice President, Project Delivery at Infrastructure Ontario



Bruce has over 20 years of experience delivering complex infrastructure projects in the public and private sectors. He joined Infrastructure Ontario in 2006 leading some of IO's first AFP Healthcare projects including Toronto Rehabilitation Institute, Bridgepoint Health, and Bluewater Health.

More recently, Bruce has also lead projects such as OPP Modernization, McMaster Children's Health Centre, Pan Am Games Venues and St Michael's Hospital. Bruce's experience prior to joining Infrastructure Ontario includes capital project work in the private sector with SNC Lavalin Pharma, Hemosol Inc. and Xerox Corporation.

Technical Panel:

Ian Jarvis (Moderator)

President, Enerlife Consulting



Enerlife's founder and president since 2001, Ian Jarvis is a recognized business leader, and an authority on energy conservation, green buildings and sustainable communities. For over three decades, Ian has been at the leading edge of practice and research of high performance buildings. He is the principal architect of Enerlife's evidence-based building performance diagnostic, management and reporting methodology, tools and online system.

Ian provides strategic and technical advice to Enerlife's projects and clients, forms and leads Integrated Building Performance Teams, and brings unique knowledge and experience of achieving and sustaining exceptional performance in individual buildings and portfolios. He is an expert witness in regulatory hearings, and advises governments and utility companies on policy and program design and evaluation. Ian is an accomplished speaker and workshop leader, and has authored many articles and reports on energy efficiency in buildings.

Ian co-chaired the working group for CivicAction's Race to Reduce, a large-scale, collaborative program among landlords and tenants which is substantially improving the energy and environmental performance of office buildings. He is also an adjudicator of the NAIOP REX Green Award for commercial buildings. In 2013, Ian was an expert witness at the Ontario Energy Board's hearing on Enbridge's Greater Toronto Area pipeline. In 2015, he received the Leader Award from Canada Green Building Council's Greater Toronto Chapter.

Frank Cammalleri (Moderator)

Vice President, Enerlife Consulting



He is a partner and primary contributor to the company's strategic direction and development, with in-depth technical knowledge and vertical market expertise in many sectors, including healthcare, municipalities, commercial office, retail, and multi-unit residential.

His career progression has included both operational and business development roles in key markets. As a Mechanical Engineer with extensive hands-on experience, Frank has a solid understanding of the technical challenges of implementing energy efficiency solutions. He leads integrated teams in auditing, design and implementation of energy efficiency system improvements on a wide range of projects, and provides expert guidance to

Enerlife's engineering and technical staff and project partners. Frank is a Founding Director of the Energy Services Association of Canada, promoting performance-based solutions.

David Lockhart (Panelist)

Executive Director Facility Operations, Kaiser Permanente



After serving 4 years in the U.S. Navy as an electrician, and 8 years in the power generation industry, David joined Kaiser Permanente. Over the past 24 years at Kaiser Permanente, David has worked at every level of facility operations and has been involved with opening, operating, expanding and improving facilities operations. His team obtained the Energy Star certification for the Roseville campus where he spent the majority of his healthcare career.

David has a certificate in Industrial Electricity, an Associate's degree in Mechanical Electrical technologies, as well as a bachelor's degree from Sacramento State in Vocational Education. He has also obtained the CHFM designation from the American Hospital Association as well as his C.E.M. as a certified energy manager.

David has been an active member of the California Society for Healthcare Engineers since 2002. Sitting on planning committees for state and regional institutes, as well as a speaker presenting meaningful topics. He has served many leadership roles and currently is the State Treasurer and the Energy to Care liaison. In 2012, he received the Emerging Leader recognition from the American Society for Healthcare Engineers and this past year received his senior status.

Ricardo Moromisato (Panelist)

Product Manager, Coppertree Analytics



Ricardo Moromisato is a Product Manager with a unique role within a team of professionals focusing on building a software-as-a-service platform for performance analytics, energy monitoring and fault detection and diagnostics, using big data from energy management control systems in a wide range of facilities. He helps cast product vision by understanding client's needs and industry trends, collaborating with project leaders, software developers and application engineers to achieve end-to-end implementations.

His more than twenty-two years of experience in the building automation industry includes roles as project application engineer, technical support specialist, database software application developer and report designer/writer. In 2007 Ricardo began focusing on big data and analytics, initiatives that led to the formation of CopperTree Analytics in 2012.

In addition to being passionate in energy conservation, Ricardo has been leading initiatives with innovative renewable energy generation, targeting the emerging markets. He holds a Diploma of Technology in Electronics Engineering with specialization in Process Automation and Instrumentation from the British Columbia Institute of Technology.

Stewart Paterson (Panelist)

Director of Business Development, Iconics Inc.



Stewart is responsible for developing markets and opportunities for ICONICS solutions throughout Canada. He leads all direct sales activities, as well as develops, coordinates and supports Sales Channels and System Integrator Partners across Canada.

Stewart has over 30 years of experience in commercial HVAC sales and service. His career has included owning and operating his own air conditioning and chiller sales and service company, which he formed and grew for 16 years, before selling the company. Prior to forming his own company, he worked in a variety of roles for Trane and, after the sale, for Ainsworth Inc., both multi-national firms.

Before joining ICONICS, Stewart was Director of Business Development for The Plan Group, one of Canada's largest mechanical, electrical and ICAT (information, communication, and automation technology) technical contracting firms. In this role, he was responsible for developing business in both the commercial and industrial markets. He also led initiatives in the smart building, information technology and communications markets.

GREENING HEALTH CARE

working together for healthier communities

Geoff Osborne (Panelist)

Manager, Business Development, NRStor Inc.



Geoff has performed several key functions at NRStor since joining the Company shortly after it was founded in 2012. He is primarily focused on identifying development opportunities, overseeing project management and construction, strategic planning, evaluating new technologies and business models, and coordinating technical proposals.

Geoff has also worked with public and private sector stakeholders to help advance regulatory policy and enable the increased adoption of energy storage across Canada. Geoff holds an LLM (energy & infrastructure specialization) from Osgoode Hall Law School and a BSCH from Queen's University.

David Teichroeb (Panelist)

Business Development, Low-Carbon Energy Solutions & Strategy
Enbridge Gas Distribution Inc.



David has over 20 years of experience in the natural gas, power generation and alternative energy sectors. He is responsible for Enbridge's business development in low-carbon energy solutions. This includes distributed generation, district energy, hydrogen, energy storage, renewable pipeline fuels and net-zero energy developments.

Prior to his current assignment, David held numerous positions within Enbridge including the company's Alternative and Emerging Technology business, and Regional Manager for Enbridge Atlantic Energy Service - a New Brunswick based energy services provider. He has also managed Enbridge's key-account sales division, which provides energy management solutions to commercial and industrial customers.

David graduated from Niagara College, mechanical engineering technology, and he is a graduate of the Institute of Gas Technology in Chicago, IL, as a Chartered Industrial Gas Consultant. He serves as a Board of Director, for the Canadian Hydrogen and Fuel Cells Association.

Derek Satnik (Panelist)

VP of Technology, s2e Technologies Inc.



Derek Satnik is an internationally awarded leader in green buildings and green energy, with more than 85 MW of on-building PV experience, and over 40 million square feet of improved buildings. He's enjoyed the privilege of having helped author and manage various green building programs from ENERGY STAR to LEED to Net Zero to Ontario's Green Energy Act, and continues to be a leading agent of change in the development industry.

As VP of Technology, Derek leads s2e's Smart Communities business, working with leading developers, technology suppliers and community designers on some of the most sustainable and technologically advanced communities in the world.

Travis English (Panelist)

Director of Engineering, Chief Design Engineer, Kaiser Permanente



As Facilities Planning & Design Director of Engineering and 'chief design engineer' for Kaiser Permanente (KP), Travis English (PE, CEM, LEED-AP) oversees a national team providing design review and quality assurance for all of the company's projects. Their reviews focus on established targets for energy use, water use, total cost of ownership, and sustainability.

Travis has a BS in Mechanical Engineering from Cal Poly Pomona and an MBA in management from Cal State Fullerton. He is a professional mechanical engineer with over 20 years of experience in design and construction of mechanical and energy system, with an emphasis on high performance design, indoor air quality, and building control systems.

In 2009, he received the ASHRAE technical award for the Environmental Nature Center, a facility which used passive heating and cooling designs with 100% natural ventilation. In 2014, he was named one of Consulting-Specifying Engineering Magazine's "40 under 40". Since 2012, he has actively advocated development and adoption of next-generation ventilation design principles and practices in the health care industry.

Kurt Monteiro (Panelist)

Principal, B.A.Sc., P.Eng., LEED AP, HFDP, HBDP, Smith and Anderson



Smith + Andersen



There are many factors that need to be resolved in approaching a complex engineering project - from the level of sustainability that is demanded to the types of maintenance requirements. Kurt makes it his business to uncover all these factors and then engage with the client about ways of problem solving these issues - on the client's own terms. Kurt thrives on the most technically challenging projects that require real insight into how a building is going to be used and how the engineering decisions must support those activities. That's how Kurt stays in sync with his projects and his clients.