Waterfront Toronto Digital Strategy Advisory Panel
Member Biographies
April 27, 2018

WATERFRONTToronto

Charles Finley
Global Director of Marketing & Communications, IBI Group
Co-Founder and Chair of Code for Canada

Charles is a strategist, designer, entrepreneur and holds corporate executive and community non-profit board roles. He co-founded and is Board Chair of Code for Canada, the country's leading civic-tech organization that brings design and technology together for the public good. Charles is also Global Director of Marketing and Communications at global architecture, engineering, planning and technology firm IBI Group where he is responsible for the firm's digital, brand, and communications strategy. He has led transformational digital change through building teams and delivering on strategic initiatives in global roles with MaRS Discovery District, Thomson Reuters, and Critical Mass. He also serves as Steering Committee member of global non-profit Jane's Walk.

Dr. Michael Geist
Canada Research Chair in Internet and E-commerce Law, University of Ottawa

Dr. Michael Geist is a law professor at the University of Ottawa where he holds the Canada Research Chair in Internet and E-commerce Law and is a member of the Centre for Law, Technology and Society. He has been a visiting professor at universities around the world including the University of Haifa, Hong Kong University, and Tel Aviv University. He has obtained a Bachelor of Laws (LL.B.) degree from Osgoode Hall Law School in Toronto, Master of Laws (LL.M.) degrees degrees from Cambridge University in the UK and Columbia Law School in New York, and a Doctorate in Law (J.S.D.) from Columbia Law School.

Dr. Geist is the editor of many books including Law, Privacy and Surveillance in Canada in the Post-Snowden Era (2015, University of Ottawa Press), The Copyright Pentalogy: How the Supreme Court of Canada Shook the Foundations of Canadian Copyright Law (2013, University of Ottawa Press), From "Radical Extremism" to "Balanced Copyright": Canadian Copyright and the Digital Agenda (2010, Irwin Law) and In the Public Interest: The Future of Canadian Copyright Law (2005, Irwin Law). He is a regular columnist in the Globe and Mail, the editor of several monthly technology law publications, and the author of a popular blog on Internet and intellectual property law issues.

Dr. Geist serves on many boards, including Ingenium, CIRA, Internet Archive Canada, and the EFF Advisory Board. He was appointed to the Order of Ontario in 2018 and has received numerous awards for his work including the University of Ottawa Open Access Award in 2016, Kroeger Award for Policy Leadership and the Public Knowledge IP3 Award in 2010, the Les Fowlie Award for Intellectual Freedom from the Ontario Library Association in 2009, the EFF's Pioneer Award in 2008, and Canarie's IWAY Public Leadership Award for his contribution to the development of the Internet in Canada.

Darin Graham
Head of Canadian AI Operations, Samsung

Darin has over 20 years of experience leading innovative initiatives that take creative ideas to the marketplace. He brings extensive international experience in leading R&D programs and helping build innovation ecosystems in Canada, the United States, New Zealand, and the United Kingdom. A champion of collaboration, he has worked closely with a variety of unique groups to engage industry with academic and research institutions to enhance technology-based applied outcomes, facilitating economic growth through increasing knowledge and helping develop human capital. Recently as a member of the founding team, Darin helped lead the creation and formation of the Vector Institute – the premier artificial intelligence (AI) research institute in Canada. He has held the primary leadership position in a number of organizations, including ORION (Ontario's Research and Innovation Optical Network), NZi3 (New Zealand's ICT Innovation Institute), and CITO (Communications and Information Technology Ontario, an Ontario Centre of Excellence).

Darin received his PhD in Aerospace Engineering from the University of Toronto, with his thesis focused on advanced neural networks for autonomous robotic control systems; MASc in Aerospace Engineering from the University of Toronto, and BMath in Computer Science and Applied Mathematics from the University of Waterloo.

Kurtis McBride
CEO and Co-founder, Miovision Technologies Incorporated
Co-founder, Catalyst137

Kurtis McBride is CEO and co-founder of Miovision, a smart city technology company that focuses on reducing traffic congestion. Under Kurtis' leadership, Miovision has provided the data and insights to improve transportation experience for drivers, cyclists and pedestrians in over 13,000 municipalities worldwide. Kurtis is an active member of the startup community in the Waterloo Region. He served on the board of directors for the Accelerator Centre, where Miovision spent its formative years. In 2016, Kurtis co-founded Catalyst137, a converted warehouse that will become the world's largest campus for burgeoning technology manufacturing and IoT companies. Kurtis holds a Masters of Engineering in Systems Design from the University of Waterloo.

Carlo Ratti
Director, MIT Senseable City Lab
Founding Partner, Carlo Ratti Associati

An architect and engineer by training, Professor Carlo Ratti teaches at MIT, where he directs the Senseable City Laboratory, and is a founding partner of the international design and innovation practice Carlo Ratti Associati. A leading voice in the debate on new technologies' impact on urban life, his work has been exhibited in several venues worldwide, including the Venice Biennale, New York's MoMA, London's Science Museum, and Barcelona's Design Museum. Two of his projects – the Digital Water Pavilion and the Copenhagen Wheel – were hailed by Time Magazine as 'Best Inventions of the Year'. He has been included in Wired Magazine's 'Smart List: 50 people who will change the world'. He is currently serving as co-chair of the World Economic Forum's Global Future Council on Cities and Urbanization, and as special advisor on Urban Innovation to the European Commission.

Dr. Pamela Robinson MCIP RPP
Associate Professor, School of Urban and Regional Planning, Ryerson University
Associate Dean, Graduate Studies and Strategic Initiatives, Faculty of Community Services, Ryerson University

Dr. Pamela Robinson MCIP RPP is an associate professor at the School of Urban and Regional Planning and Associate Dean of Graduate Studies and Strategic Initiatives in the Faculty of Community Services at Ryerson University. She is a member of geothink.ca research team where she examines how open government, open data, smart city and civic technology are transforming urban planning practice in Canadian cities. Pamela is the academic advisor for the Sidewalk Toronto Urban Fellows Program (2018) and a member of the Multi Stakeholder Forum advising the Government of Canada on their Open Government Partnership commitments. She serves on the board of directors the Metcalf Foundation and is a columnist for Spacing magazine. Pamela is an editor of and contributor to Urban Sustainability: Reconnecting Space and Place (University of Toronto Press, 2013), Teaching as Scholarship: Preparing Students for Professional Practice in Community Services (WLU Press, 2016).

John Ruffolo
Chief Executive Officer, OMERS Ventures

Mr. Ruffolo is the Chief Executive Officer of OMERS Ventures, the venture arm of OMERS, one of Canada's leading pension funds. OMERS Ventures is a multi-stage investor in growth-oriented, disruptive technology companies. In addition, he is also the Executive Managing Director with OMERS Platform Investments, the innovation investing arm of OMERS.

Mr. Ruffolo serves as the following:

- Hootsuite | Board Member
- Desire2Learn (D2L) | Board Member
- Point North Capital | Investment Committee Member
- Purpose Investments Inc. | Board Member
- Gain Energy | Chairman
- Ontario Centres of Excellence (OCE) | Board Member
- OneEleven | Board Member
- Council of Canadian Innovators (CCI) | Vice Chair
- Sustainable Development Technology Canada (SDTC) | Member Council

He is also the Vice-Chair of the David Suzuki Foundation and is a board member of the Royal Ontario Museum, Caldwell Partners "Top 40 Under 40" and League of Innovators. In addition, John is a Dean's Advisory Council Member to the Schulich Business School as well a member of the Toronto chapter of the Young Presidents' Organization (YPO).

Prior to joining OMERS, Mr. Ruffolo was a Partner at Deloitte, as well as the Global Thought Leader, the Global Tax Leader and the Canadian Industry Leader for Deloitte's Technology, Media and Telecommunications (TMT) practice. He was also a member of the firm's Tax and TMT Global Leadership teams and a member of Deloitte's Board of Directors. A chartered accountant, Mr. Ruffolo was formerly a partner with Arthur Andersen LLP and has also spent time as an instructor for both the Canadian Institute of Chartered Accountants and York University's Schulich School of Business, from which he holds a Bachelor of Business Administration.

Dr. Teresa Scassa
Canada Research Chair in Information Law and Policy, University of Ottawa, Faculty of Law

Dr. Teresa Scassa is the Canada Research Chair in Information Law and Policy at the University of Ottawa, Faculty of Law. She is the author or co-author of several books, including Canadian Trademark Law (2d edition, LexisNexis 2015), and Electronic Commerce and Internet Law in Canada, (CCH Canadian Ltd. 2012) (winner of the 2013 Walter Owen Book Prize). She is a past member of the External Advisory Committee of the Office of the Privacy Commissioner of Canada, and of Canadian Government Advisory Committee on Open Government. She is a member of the GEOTHINK research partnership, and has written widely in the areas of intellectual property law, law and technology, and privacy.

Kevin Tuer, PhD Peng
Managing Director, Canada's Open Data Exchange (ODX)
Vice President Strategic Initiatives, Communitech

Kevin Tuer is Managing Director of Canada's Open Data Exchange, a national initiative launched in May 2015 with a mandate to help the private sector adopt and commercialize data from public and private sources for the purpose of enhancing their current products or creating new products. As Vice President Strategic Initiatives for Communitech, Kevin leads data driven innovation cluster building activities including open data, big data, artificial intelligence, machine learning and the Internet of Things (IoT), for the purpose of creating or accelerating new opportunities in emerging fields for the private sector.

Previously, Kevin was the founding Managing Director of the Canadian Digital Media Network (CDMN), a federal Centre of Excellence for Commercialization and Research, which is dedicated to establishing Canada as a world leader in Digital Media by enabling connections and collaboration of people across the country and bringing more digital solutions to market. In addition, he led the design and deployment of the Communitech Hub, a world leading innovation centre located in the Waterloo Region as well as the CDMN's national network and associated programming strategy.

Kevin holds a BASc (Honours) in Mechanical Engineering, a MASc in Mechanical Engineering, and a PhD in Electrical Engineering from the University of Waterloo.

Mark Wilson
Chair, Array Music
Former Chair, Waterfront Toronto

During his 40+ year career in the IT industry Mark Wilson held senior executive positions in the services, consulting, software, and retail industries. In his 16-years at IBM, he was an Executive and dealmaker responsible for the development and delivery of strategic partnerships, technology transformations and outsourcing agreements with Canada's largest global enterprises in the banking, insurance, airline, telecommunications, natural resources and manufacturing industries. These agreements covered Canada, the United States, Mexico, Europe and the Caribbean. He also served as a Strategic Advisor to IBM China for the development of its managed services business.

Previously he was the Vice President of Corporate Operations for Consumers Distributing with responsibility for information technology and logistics, a Director with DMR Group, a leading Canadian IT consulting firm and Vice President Marketing for Aratek International, a software startup.

For 30 years Mr. Wilson has also been active as a volunteer and board member in the community and the public sector with a special focus on environmental issues and urban development.

In 1999 he was appointed to the Waterfront Task Force whose report led to the creation of Waterfront Toronto. Mr. Wilson was appointed to the Board of Waterfront Toronto in 2001, was elected as Chair in 2006 and served as Chair until 2016. Under his leadership Waterfront Toronto developed and implemented, in collaboration with the 3 orders of government, the community and the private sector, award winning plans for East Bayfront, Wet Don Lands, Central Waterfront, Lower Don Lands, Mimico and Port Union.

He was a founding chair of the Task Force to Bring Back the Don and served as its Chair until 1997 producing its landmark Bringing Back the Don report. For 10 years he also served as Chair of the Toronto Region Conservation Authority's Don Watershed Task Force and Regeneration Council where he led the development of the first strategic regeneration plan for the Don River – 40 Steps to a New Don.

He has received numerous awards for his environmental service including from the Waterfront Regeneration Trust and the Toronto and Region Conservation Authority.

As a director Mr. Wilson has served on the boards of the Conservation Foundation of Greater Toronto, the City of Toronto's Toronto Economic Development Corporation and Evergreen.

Since 2014 he has served as the Chair of the Board of Arraymusic, a leading Canadian contemporary music company.

Mr. Wilson studied Engineering Science at the University of Toronto and is a graduate of the Queen's University Executive Management program

Dave Dame
Agile Leader, Digital Factory, Scotiabank

Dave is a leadership coach, enterprise agile leader and trainer with over 20 years of management experience and a reputation for facilitating the practical implementation of agile practices in large organizations. Dave has successfully led complex agile transformations that include scaling specialized resources, implementing regulatory compliance, legacy products, and scaling agile practices across large enterprises such as OpenText, PTC, and MCAP. He is well seasoned in coaching executives, managers, and non-technical departments, as well as building up high-performing teams of Scrum Masters, Product Owners and Agile Coaches. He brings his expertise to organizations through teaching and mentoring as well as serving as an agile coach and facilitator.

Dave joined Scotiabank in July 2016 as Agile Leader, Digital Factory. In this role he is focused on helping the employees and teams become empowered to "be the change" that will bring industry-leading products to market through agile practices.

Saadia Muzaffar
Founder, TechGirls Canada
Co-founder, Tech Reset Canada

Saadia Muzaffar is a tech entrepreneur, author, and passionate advocate of responsible innovation, decent work for everyone, and prosperity of immigrant talent in STEM. In 2017, she was featured in Canada 150 Women, a book about 150 of the most influential and groundbreaking women in Canada.

She is founder of TechGirls Canada, the hub for Canadian women in science, technology, engineering, and math - and co-founder of Tech Reset Canada, a coalition of business people, technologists, and other residents advocating for innovation that is focused on maximizing the public good. She is part of Canada Beyond 150: Policy for a diverse and inclusive future's Feminist Government initiative, and an advisor to Government of Canada's Economic Strategy tables for the Access to Skilled Talent working group.

Her work on modern leadership explores big ideas and impactful strategies that address growing challenges for business leaders in today's connected & vigilant markets; and has been featured in CNNMoney, Fortune Magazine, Globe & Mail, VICE, CBC, TVO, and Chatelaine.

Saadia is also a Pushcart Prize nominated short fiction writer. In February 2018, her work joins that of Margaret Atwood (The Handmaid's Tale), Gabby Rivera (America), Hope Larson (Batgirl), and Amy Chu (Wonder Woman) in Dark Horse Comics' new anthology featuring comic and prose stories. Recently Saadia and her team released Change Together: A Diversity Guidebook for Startups and Scaleups.

Jutta Treviranus
Director and Professor at Inclusive Design Research Centre, OCAD University

Jutta Treviranus is the Director of the [Inclusive Design Research Centre](#) (IDRC) and professor in the faculty of Design at OCAD University in Toronto. Jutta established the IDRC in 1993 (formerly the Adaptive Technology Resource Centre) as the nexus of a growing global community that proactively works to ensure that our digitally transformed and connected society is designed inclusively. Jutta also heads the [Inclusive Design Institute](#), a multi-university regional centre of expertise. Jutta founded an innovative graduate program in inclusive design at OCAD University. Jutta is the co-director of Raising the Floor International. She leads international multi-partner research networks that have created broadly implemented innovations that support inclusion e.g., [Fluid Project](#) , [FLOE](#), and many others. Jutta and her team have pioneered network-supported personalization as an approach to accessibility in the digital domain. She has played a leading role in developing accessibility legislation, standards and specifications internationally (including [W3C WAI ATAG](#), [IMS AccessForAll](#), [ISO 24751](#), and [AODA Information and Communication](#)).

Jutta's leadership in Inclusive Design has been recognized through awards, such as a Diamond Jubilee Medal and recognition as one of Canada's top 45 over 45 by [Zoomer Magazine](#). Jutta's work has been attributed as the impetus for corporate adoption of more inclusive practices in large enterprise companies such as [Microsoft](#).

Alaina Aston
VP, Data Management & Governance
Personal & Commercial Banking, RBC, Toronto Canada

Alaina has over 22 years of management experience primarily in the Global Banking sector. She has held a variety of roles in London, New York and Toronto. She holds a BA, Honours, in Economics from Carleton University and a Masters Certificate in Risk Management and Business Performance from Schulich School of Business.

Alaina has been in her current role as Vice President, Data Management & Governance in Personal and Commercial Banking since April 2017. She is responsible for leading the Centre of Excellence for Data Governance that delivers trusted data management, proactively, through the protection and organization of the business data assets. Through the strategic evolution of the integrated client data management ecosystem, to enable the organization to achieve infinite data capabilities that aligns with the Business strategic priorities.

Previously at RBC, Alaina served as Head of Data Management and Integrity for P&CB moving from Head of Finance Operational Risk & Initiatives where she provided leadership and strategic oversight to the design, implementation and execution of effective operational risk mitigation for the Finance, Corporate Treasury, Enterprise Services, and General Council business units of the Office of the CAO & CFO. Her prior role was Head of IT Global Business Management for RBC Capital Markets. At Capital Markets, her department was responsible for the management, production, and reporting lifecycles for Operations, Risk, Finance, Compliance, and Shared Services Technology.

Alaina was born in Canada but has lived in the UK for over half of her career, having the opportunity to work both in London and between New York and Toronto. During these years she held a number of progressive global roles bridging across IT and Finance as a VP Technology, Morgan Stanley; 1998-2005 where she lead

and managed IT Finance Operations International, based in London. On returning to Morgan Stanley, 2009-2012 she was part of Global Finance Technology, VP IT, New York & Toronto; where she managed a Strategic Capital/Risk IT Initiative. This global strategic program focused on building Risk management systems supporting the use of Capital and Risk for transactions or business.

Alaina has held a variety of other IT management and banking operations roles as she progressed through her career at various global companies; ABN AMRO Hoare Govett, UK; ING Barings Bank UK; PRG International UK; Cable & Wireless, Mercury Paging Ltd. UK, CHREOD Consultants, Ottawa, Canada.

Outside of work, Alaina has won gold medals at the National Rowing Championships of Great Britain and representing England. At University she captained the Varsity swim team. For a decade she was a member of and Executive Treasurer for the Canadian Women's Club based in London, UK. For the past 5 years has been an active member and former Chair of the Investment Committee for United Way Women Gaining Ground, now Women United; dedicated to supporting women's philanthropy in the GTA. Recently she joined the Board of the MERIT Award, 'Inspiring youth to pursue higher education and contribute to the community'. Alaina lives in Toronto with her two teenage children.

Andrew Clement
Professor Emeritus, Faculty of Information, University of Toronto

Andrew Clement is a professor emeritus of information at the University of Toronto, where he has coordinated the Information Policy Research Program since the 1990s and co-founded the Identity Privacy and Security Institute (IPSI). With a PhD in Computer Science, he has had longstanding research and teaching interests in the social implications of information/communication technologies, community informatics, participatory design and privacy/surveillance. Among his recent research projects are: IXmaps.ca, an internet mapping tool that helps make more visible NSA mass internet surveillance activities and the routing of Canadian personal data through the U.S. and publishes privacy transparency reports on ISPs serving Canadian internet carriers serving Canadians; Seeing Through the Cloud, which examined extra-national outsourcing of eCommunications services, especially by universities; SurveillanceRights.ca, which documents (non)compliance of video surveillance installations with privacy regulations and helps citizens understand their related privacy rights; Snowden Surveillance Archives, an on-line searchable collection of all documents leaked by former NSA contractor Edward Snowden subsequently published by news media; and Proportionate ID, which demonstrates through overlays for conventional ID cards and a smartphone app privacy protective alternatives to prevailing full disclosure norms.

Clement was the principal investigator of the 4 year Canadian Research Alliance for Community Innovation and Networking (CRACIN) project and lead editor of its collective Connecting Canadians: Investigations in Community Informatics book. Clement was a co-investigator in the seven year major research collaboration, The New Transparency: Surveillance and Social Sorting and contributor to its Transparent Lives: Surveillance in Canada book. Currently he is a collaborator in its successor project, Big Data Surveillance.