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**CSPC Virtual Session**  
**Decoding Budget 2022 for Science and Innovation**  
**April 21, 2022**

## **Speaker Biographies**

### **Keynote Speakers**

#### **David Watters**

David Watters worked for 30 years in the Canadian Public Service, including a dozen years as an Assistant Deputy Minister at Industry Canada, Treasury Board Canada and Finance Canada. In 2002 David established the Global Advantage Consulting Group Inc. (Ottawa) and is now the President and CEO of this strategic management consulting firm. The firm has completed over 650 contracts for clients specializing in: analyzing and “mapping” complex public policy economic systems; creating collaborative business models for service delivery; aligning operational processes among networked organizations for enhanced decision-making; and designing growth strategies for organizations, particularly in the areas of research and technology development, innovation, commercialization and trade. David holds a Bachelor’s degree in Economics and a Law degree in corporate, commercial, and tax law from Queen’s University Law School. He was also an adjunct Professor for seven years at the Telfer School of Management at the University of Ottawa.

#### **Ömer Kaya**

Ömer Kaya is the Chief Executive Officer at Global Advantage Consulting Group. As CEO, Ömer is responsible for every aspect of the business to support public and private sector organizations including overall business strategy and planning, team leadership, management of processes, programs, and projects, as well as client relationships and partnerships. Prior to this role, Ömer gained over 4 years of experience in the management consulting industry. He has previously worked in academia holding teaching and research positions, and the private sector in sales, marketing, and financial services. He holds a Master of Arts degree from the Faculty of Public Affairs at Carleton University.

## **Panel 1 - Academia Biographies**

### **Charmaine Dean**

Charmaine Dean is Vice-President, Research and International at the University of Waterloo. In this role, she is focused on building upon foundational strengths to heighten the emphasis on collaborations, and link related external portfolios in a systematic approach to industrial partners and entrepreneurship. Prior to this role, she served as the Dean of Science at Western University, the Associate Dean of Health Sciences at Simon Fraser University and the founding Chair of the Department of Statistics and Actuarial Science at Simon Fraser University. Charmaine is currently a board member of various computing, AI and cybersecurity organizations. She is dedicated to developing outstanding computing capabilities for researchers and for building capacity in Canada and is interested in bringing together diverse communities to drive forward a unified direction for data management activities and priorities.

### **Malcolm Campbell**

Malcolm Campbell is a distinguished scholar and accomplished plant genome biologist who has been the Vice-President, Research at University of Guelph since 2015. In this role, he oversees the University of Guelph's extensive partnership with the Ontario Ministry of Agriculture, Food, and Rural Affairs. In addition to these duties he oversees an active research group; serves on journal editorial boards as well as scientific and non-scientific advisory boards; and advises governmental, non-governmental, private sector, and community organizations. Prior to this role, Malcolm was a faculty member at Oxford University and University of Toronto, and was the Vice President, Research at University of Toronto from 2009-2015. He is also the institutional lead of Food from Thought, a big data analytics platform for the agri-food sector, which is a Canada First Research Fund initiative. Malcolm received degrees in genetics and biochemistry at the University of Guelph.

### **Baljit Singh**

Dr. Baljit Singh is a highly accomplished researcher, educator and administrator in the field of veterinary medicine, with specific expertise in lung biology and anatomy. He began his role as Vice-President, Research at the University of Saskatchewan in 2021, after serving as Dean of the University of Calgary Faculty of Veterinary Medicine (2016 – 2021), and serving as Associate Dean of Research at the Western College of Veterinary Medicine at the University of Saskatchewan (2011 – 2016). Dr. Singh's research has focused on cell and molecular biology of lung inflammation and he has supervised the research training of more than eighty undergraduate, graduate and postdoctoral students. He has received many teaching and research awards for his performance as both a facilitator and anatomist. Dr. Singh received his Bachelor of Veterinary Science and Animal Husbandry and Master of Veterinary Science from Punjab Agricultural University. He also obtained a PhD from the University of Guelph.

## **Panel 2 - Private/Non-Profit Biographies**

### **Cate Murray**

Cate Murray is an executive leader with more than two decades of experience working in public affairs and health research. She currently serves as the President & CEO for the Stem Cell Network where her mission is to support stem cell and regenerative medicine research. Prior to this role, Cate was a political advisor at CIHR and worked on the development and national consultations of the agency's strategic plan and oversaw numerous communication initiatives. Cate was also the inaugural Director of Communications for the Council of Canadian Academies, where she implemented important communication and project management strategies, and engaged on over two dozen projects that have been central for policy development. Throughout her career, Cate has worked to think strategically and act tactically. Her efforts have translated into millions of dollars in earned national media and support from stakeholder organizations, politicians and members of industry.

### **Mark Agnew**

Mark Agnew is the Senior Vice President, Policy and Government Relations at the Canadian Chamber of Commerce. In this role, he manages the Chamber's policy department and advocacy agenda domestically and internationally. Prior to working in this position, Mark worked for the UK government at the British High Commission in Ottawa where his work focused on trade and economic policy issues. He has also undertaken previous roles within the Canadian government in the Department of Foreign Affairs and International Trade, as well as at Parliament. Mark attended Carleton University, where he did his MA in International Affairs.

### **Karen Hamberg**

Karen Hamberg was appointed to the Government of Canada's Industry Strategy Council representing the Clean Technology Sector and was named the Chair of the Clean Energy Technology Strategy Table in 2020. She is also currently the Chair Emeritus of the Board of Directors of CALSTART, the US's largest non-profit, member-driven coalition accelerating the growth of a clean transportation industry. These roles showcase her more than twenty years of global experience in the deployment of clean transportation technologies and the policy/regulatory frameworks required to scale companies and advance market share. Karen was previously the Vice President, Sustainability and External Affairs at Westport Fuel Systems in Vancouver for 19 years. She was also the Chair of the 2019 United Way of the Lower Mainland Campaign Cabinet and appointed to the British Columbia Regional Advisory Board of the Nature Conservancy of Canada in 2019. Ms. Hamberg holds a Bachelor of Arts degree from Brandon University and a Master of Arts degree from Queen's University.

### **Karima Es Sabar**

Karimah Es Sabar is the founding CEO & General Partner at Quark Venture LP, a global venture capital firm, and Director of the Global Health Sciences [GHS] Fund. Prior to joining Quark Venture, Ms. Es Sabar was CEO & President of the Centre for Drug Research and Development (CDRD); CEO & President of LifeSciences BC; and she has held several senior management positions in the biopharmaceutical industry, most notably at Sanofi Pasteur as head of BD and International Division. She also co-founded and enabled several startup companies. Ms. Es Sabar has received multiple awards and recognitions for her leadership and pioneering work, including Canada's Most Powerful Women: Top 100 Award. She has served on numerous private, public and not-for-profit boards. Since 2017 she is Chair of the Health/Biosciences Economic Strategy Table (Government of Canada) and Member of the Industry Strategy Council (Government of Canada). Ms. Es Sabar holds a BSc Joint Honours degree in Biochemistry/ Chemistry from the University of Salford, a MSc degree in Neurochemistry from the Institute of Psychiatry, University of London and an Executive Certificate in Management and Leadership from the MIT Sloan School of Management.

### **Norma Kozhaya**

Norma Kozhaya is the Vice-President, Research and Chief Economist at CPQ (Quebec Employers Council). Prior to this role, she was Director of Research and Chief Economist at CPQ, an economist at the Montreal Economic Institute and a lecturer in the department of economics at Université de Montréal. At CPQ, she is actively involved with the organization on various bodies where employers are represented, including Retraite Québec and the Department of Employment and Social Development Canada. Ms. Kozhaya also contributes extensively to initiatives geared towards the organization's various stakeholders, notably as researcher and author for many CPQ publications addressing its priority areas of intervention. Ms. Kozhaya is a recognized expert and spokesperson who is regularly cited in both print and electronic media and has signed more than fifty letters of opinion published in various dailies and magazines over the years in Quebec and throughout the rest of Canada. Ms. Kozhaya holds a PhD in economics from Université de Montréal.