Ontario Research Fund, Research Excellence (ORF-RE) Program Round 8

Cross-Disciplinary and Discipline Panels Members

Cross – Disciplinary (CD) Panel

Chaviva Hosek – Chair
Professor at the School of Public Policy and Governance

Ian C.P. Smith, OC, PhD, DSc, FRSC
President, Innovative Biodiagnostics, Inc.

Brian W. Unger
President and CEO of the River Run Collaboratory and Professor Emeritus, Computer Science, at the University of Calgary, Alberta.

Tom Corr
President and CEO of Ontario Centres of Excellence (OCE)

Alan Bernstein
CIFAR’s President and Chief Executive Officer

Tom Harris
Vice-Principal (Advancement) and Professor of Chemical Engineering at Queen’s University.
ORF Advisory Board Member

Kimberly A. Woodhouse
Dean of the Faculty of Engineering and Applied Science and Professor of Chemical Engineering at Queen’s University
ORF Advisory Board Member

David Runnalls
Distinguished Fellow with International Institute for Sustainable Development

Discipline Panels

Advanced Health Technologies Panel

Jorge G. Burneo – Chair
Co-Director, Epilepsy Program
Associate Professor of Neurology, Biostatistics and Epidemiology, Western University

Alejandro Lazo-Langner
Associate Professor of Medicine, Oncology, and Epidemiology and Biostatistics
Associate Scientist, Lawson Health Research Institute
Western University
Charissa Lansing
Professor Emiritus, Department of Speech and Hearing Science
University of Illinois at Urbana-Champaign

David Steven
Co-director, Epilepsy Program
Associate Professor of Neurosurgery, Epidemiology and Biostatistics,
Program Director, Neurosurgery Residency Program
Western University

David Klodd
Director, Audiology
Professor, Audiology
University of Illinois Hospital and Health Sciences System

Geoff Hall
Research Scientist, Imaging Research Centre at St. Joseph's Healthcare
Associate Professor, Department of Psychology, Behaviour and Neuroscience
McMaster University

James Reilly
Professor, Electrical and Computer Engineering
McMaster University

Marc Rivière
General Partner, TVM Capital Life Science
Board Member, Cerenis Therapeutics

Olaf Von Ramm
Thomas Lord Professor of Engineering in the Edmund T. Pratt, Jr. School of Engineering
Professor, Biomedical Engineering
Professor, Medicine
Duke University

Samuel Kadoury
Canada Research Chair in Medical Imaging and Assisted Intervention
Assistant Professor, Computer Science and Software Engineering
École Polytechnique de Montréal

Shahira Bhimani
Vice President, Business Development and Operations, HTX – the Health Technology Exchange
Director, MaRS EXCITE

Alison Symington
Strategic Life Science Consultant
Director, Life Sciences Ontario
Engineering Panel

Brian Surgenor – Chair
Professor of Mechanical and Materials Engineering
Vice-Dean, Faculty of Engineering and Applied Science
Queen’s University

Dr. Stephen Carr
Professor of Materials Science and Engineering
Professor of Chemical and Biological Engineering
Northwestern University

Dr. Suman Das
Director, Direct Digital Manufacturing Laboratory
Morris M. Bryan Jr. Chair in Advanced Manufacturing Systems

Dr. Shyam Dighe
President and CEO
Dighe Technologies Corporation

Dr. Mehrdad (Mark) Ehsani
Robert M. Kennedy Endowed Professor
Department of Electrical and Computer Engineering
Texas A&M University

Dr. Hoda ElMaraghy
Canada Research Chair in Manufacturing Systems
Director, Intelligent Manufacturing Systems Centre
University of Windsor

Dr. Anant Grewal
Research Officer
National Research Council of Canada

Dr. Kecheng Li
Professor, Chemical Engineering
University of New Brunswick

Dr. Ganhua Lu
Assistant Professor, Mechanical Engineering
University of Alaska Anchorage

Dr. Mohan Mathur
Chair, Board of Directors, London Hydro Inc.

Dr. Roger Miller
Technology Transfer Manager, Industry Liaison Office
University of British Columbia

Dr. Martin Ordonez
Canada Research Chair in Power Converters for Renewable Energy Systems
Associate Professor, Electrical and Computer Engineering
University of British Columbia
Dr. Ganpati Ramanath
John Ted Horton Professor, Materials Science
And Engineering
Rensselaer Polytechnic Institute

Dr. Halil Sezen
Professor, Civil, Environmental and Geodetic Engineering
The Ohio State University

Dr. Ardalan Vahidi
Associate Professor, Department of Mechanical Engineering
Clemson University

Environment Panel

Geoff Munro – Chair
Senior Associate, Institute on Governance, Former NRCan Chief Scientist

Dr. Ahmad Ghahreman PhD, Peng
Queen’s University, Department of Engineering

Dr. Barbara Siembida-Lösch
Research Scientist at CAWT
Centre for Alternative Wastewater Treatment

Dr. David Marshall
The James Hutton Institute, Scotland

Dr. Della Johnston
Director, Biodiversity and Collections
Biodiversity and Collections, Agriculture and Agri-Food Canada

Mr. James Lee
Director Commercialization, Dioindustrial Innovations Canada

Dr. Rong-Cai Yang
ARD Professor, University of Alberta

Rupali Datta
Associate Professor, Biological Sciences
Michigan Technological University

Shelley King
CEO Natural Products Canada
University of PEI Commercialization CEO Synapse
Health Sciences Panel

Ian Rodger – Chair
Professor Emeritus, Department of Medicine,
McMaster University,

David Thomas – Chair
Professor in the Biochemistry Department, McGill University
Tier 1 Canada Research Chair in Molecular Genetics

Ibolja Cernak
Professor and Chair, Military and Veterans’ Clinical Rehabilitation
Faculty of Rehabilitation, University of Alberta

James Conklin
Investigator, Bruyere Research Institute Molecular Medicine Panel
Associate Professor, Applied Human Sciences
Concordia University

Kate Harkness
Director of the Mood and Anxiety Assessment Service
Professor, Psychology and Psychiatry Departments
Queen’s University

Martin Kolb
Professor
Division of Respirology, Department of Medicine, McMaster University
Pathology & Molecular Medicine, St. Joseph’s Healthcare, Firestone Institute for Respiratory Health

Eugenia Kumachev
Professor, Department of Chemistry
University of Toronto

Donald Miller
Principal Investigator - Kleysen Institute for Advanced Medicine
Professor, Dept. of Pharmacology and Therapeutics, Faculty of Health Sciences
University of Manitoba;

Michelle Porter
Director, Centre on Aging
University of Manitoba

Robert Young
Professor,
Discovery Chair in Pharmaceutical Genomics, Bioinformatics and Drug Discovery
Simon Fraser University

Molecular Medicine Panel

David Thomas
Canada Research Chair in Molecular Genetics
Professor, Biochemistry Department
McGill University
Benoit Coulombe  
Director, Translational Proteomics Research Unit  
Director, IRCM Proteomics Discovery Platform  
Full Research Professor, Department of Biochemistry and Molecular Medicine  
Université de Montréal

Sanjiv Dhingra  
Principal Investigator, Institute of Cardiovascular Sciences  
Assistant Professor, Regenerative Medicine Program  
Department of Physiology, University of Manitoba

Fernand-Pierre Gendron  
Investigator, Centre de recherche du CHUS  
Professor, Department of Anatomy and Cell Biology  
Faculty of Medicine and Health Sciences, Université de Sherbrooke

Jacki Jenuth  
Principal, Lumira Capital  
Board Member, The Aging and Brain Health Innovation Centre

Roger Lecomte  
Scientific Head, Sherbrooke Molecular Imaging Center  
Professor, Nuclear Medicine and Radiobiology  
Faculty of Medicine and Health Sciences, Université de Sherbrooke

Hoyun Lee  
Senior Scientist, Health Sciences North Research Institute  
Full Professor, Medical Sciences Division, Northern Ontario School of Medicine  
Chair, Northeastern Ontario Cancer Therapeutics Research Initiative

Julian J. Lum, PhD  
Scientist, BC Cancer Agency  
Assistant Professor, Biochemistry and Microbiology  
University of Victoria

Ciriaco A. Piccirillo, PhD 
Director, FOCIS Centre of Excellence in Translational Immunology  
Director, Immune Phenotyping Platform  
Professor, Departments of Microbiology and Immunology, and Medicine  
McGill University

Pierre Thibault  
Canada Research Chair in Proteomics and Bioanalytical Spectrometry  
Principal Investigator, Institute for Research in Immunology and Cancer  
Professor, Department of Chemistry  
Université de Montréal

Andrew Van Kessel  
Professor and Head, Departments of Animal and Poultry Science  
University of Saskatchewan
Stephanie Willerth  
Canada Research Chair in Biomedical Engineering  
Associate Professor,  
University of Victoria 

Zhongming Zhao  
Director, Center for Precision Health  
Dr. Doris L. Ross Professor, School of Biomedical Informatics  
University of Texas 

ICT and Digital Media Panel 

Safwat Zaky -Chair  
Professor Emeritus, Department of Electrical & Computer Engineering  
University of Toronto 

Aijun An  
Professor, Department of Electrical Engineering and Computer Science  
York University 

Robert Boyd  
Canada Excellence Research Chair in Quantum Nonlinear Optics  
Professor, Department of Physics  
University of Ottawa 

Jacquelyn Burkell  
Associate Professor and the Assistant Dean of Research, Faculty of Information and Media Studies  
Western University 

Claudio Canizares  
Professor, Electrical and Computer Engineering  
Hydro One Endowed Chair and the Associate Chair Research of the E&CE Department  
University of Waterloo 

Martin Maier  
Professor,  
Institut National de la Recherche Scientifique 

Dimitris Metaxas  
Director, Center for Computational Biomedicine, Imaging and Modeling  
Professor and Chair, Computer and Information Sciences Department  
Rutgers University 

Stephen Perelgut  
Canada Cloud Ecosystem Business Development Manager
Dr. Srini Sampalli  
3M National Teaching Fellow  
Professor, Faculty of Computer Science  
Dalhousie University

Brunilde Sansò  
Professor of Telecommunication Networks, Department of Electrical Engineering  
École Polytechnique de Montréal

Jean Zu,  
Professor and Chair, Department of Mechanical & Industrial Engineering  
University of Toronto