

Research on the Rock
 CARA East Conference November 14-15th 2017
 Speaker Bios | Session Summaries

| Session | Speaker |
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| Keynote | <p>Captain Christopher Hearn Director, Centre for Marine Simulation, Marine Institute of Memorial University Captain Christopher Hearn began his career after graduating from the Marine Institute’s Nautical Science Program. He advanced through the marine ranks and certification to Master Mariner and obtained command of vessels in the deep sea and subsea sectors as well as operations in the Arctic. He also held positions ashore as a Marine Superintendent of operations with companies engaged in subsea cable laying and repair, seismic work, and general cargo operations.</p> <p>Captain Hearn returned to the Marine Institute in 2008 as the Director of the Centre for Marine Simulation. The Centre is one of the largest and most comprehensive marine simulation facilities in North America and covers an entire range of training, industrial projects, and research and development capabilities through the use of simulation technology. CMS’s particular areas of expertise include the modeling and simulation of harsh maritime environments including navigation in ice, simulation of offshore oil and gas operations, and port design evaluation and operational risk analysis.</p> |
| Enhancing the Canadian Clinical Research Environment – The mCTA and Fair Market Value Initiatives | <p>Kathryn Nijssen Kathryn Nijssen is the Initiatives Manager at the Canadian Clinical Trials Coordinating Centre (CCTCC). The CCTCC was created to strengthen the Canadian clinical trials environment and promote Canada as a leading destination for clinical trials globally. In her role, Kathryn is responsible for coordinating the model Clinical Trial Agreement and Fair Market Value initiatives. These initiatives are aimed at addressing critical bottlenecks in the initiation of clinical trials in Canada. She holds degrees from Dalhousie University (B.Sc. Chemistry), the University of Calgary (B.Ed.), and is currently completing an M.B.A. through Thompson Rivers University.</p> <p>Dex Bilkic Dex Bilkic is a Manager, Study Start-Up & Patient Recruitment at Bayer Canada. He began his career at the Centre of Forensic Sciences as a Technologist. Previous to his current position he worked as Leader of Business Support Group at Boehringer Ingelheim, as well as Associate Project Manager at AstraZeneca and a Scientist at GlaxoSmithKline. Dex has more than twenty years of experience in the pharmaceutical industry where he has held various positions from working in research on the lab bench to managing clinical trials. Dex holds an Honors BSc and an MBA degree. He is an accomplished leader in the pharmaceutical industry with progressive and extensive experience including trial planning, contractual negotiations and vendor selection/management. Dex has also served under TransCelerate Biopharma Inc., working to enhance clinical research efficiency.</p> |

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| <p>Capturing and Communicating the Impact of Academic Research</p> | <p>Scott Harding, Ellen Steinhauer</p> <p>Ellen Steinhauer</p> <p>Ellen Steinhauer, Manager, Awards and Honours, joined the Office of the Vice President (Research) at Memorial University of Newfoundland ten years ago. Ellen graduated from the University of Southern New Hampshire with a Bachelor of Science in Business Administration and has experience working in the private sector in the United States in the areas of sales management, internal auditing, event planning and supervision, and marketing and communications.</p> <p>Session Summary:</p> <p>In today’s economic environment, it is becoming increasingly necessary to demonstrate to funding agencies, governments and community, the demonstrable contributions that researchers are making beyond academia to culture, national security, public policy or service, health, environment, quality of life, etc. However, we often describe research impacts using quantitative methods such as citation counts, journal impact factors and research specific metrics such as the h-index which are not always easily understood by the general public.</p> <p>The Faculty of Engineering and Applied Science at Memorial University launched an initiative with the mandate to determine what signifies an academic impact, how to identify these impacts, how to measure them and the best ways to communicate them. The proposed session will review the progress of this initiative, share strategies from other institutions outside of Canada and provide examples of how research development professionals can offer support to academics when they are asked to identify the impact of their work.</p> |
| <p>Use of Personal Health Information for Research Purposes</p> | <p>Donovan F. Molloy, Q.C</p> <p>Donovan F. Molloy, Q.C. was born and raised in Marystown. He received a Bachelor of Laws degree with distinction from the University of New Brunswick in 1992 and a Bachelor of Science degree from Memorial University in 1995.</p> <p>His career has primarily focused on public service. He began work as a prosecutor in 1993 at the then Marystown office of the Department of Justice’s Public Prosecution Division. Mr. Molloy transferred to St. John’s in 2002. In 2004 he moved to Alberta, where he worked as a prosecutor with Alberta Justice.</p> <p>After returning to Department of Justice’s Public Prosecution Division in 2007, Mr. Molloy became the Senior Crown Attorney (Eastern Region) in 2008. In 2010 he became the Assistant Director of Public Prosecutions and in 2012 the Director of Public Prosecutions/Assistant Deputy Minister. Mr. Molloy has served as a Bencher with the Law Society of Newfoundland and Labrador since 2010 and was appointed as Queen’s Counsel in 2014.</p> <p>Mr. Molloy was appointed the Information and Privacy Commissioner of Newfoundland and Labrador effective July 22, 2016.</p> |
| <p>Canada Foundation for Innovation (CFI): Updates & Managing CFI- Funded Multi-</p> | <p>Sharyn Szick</p> <p>Session Summary</p> |

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| <p>Institutional Projects</p> | <p>CFI’s Sharyn Szick will discuss recent funding competitions, the newest good practices shared on the website and new institutional functionality in CAMS. In addition, Sharyn will introduce a new working group to address challenges and potential solutions to developing and managing multi-institutional projects. She will also share with you thoughts about the report from Canada’s Fundamental Science Review panel (the “Naylor report”). We look forward to addressing your questions and hearing your feedback during this session.</p> |
| <p>Research Project Management Tools</p> | <p>Don Belanger & Robert Trask</p> <p>Don Belanger Don is the Associate Director – Research Grants and Contracts Services (RGCS) at Memorial – Technology Transfer, Commercialization & Project Management. Within this role, Don leads a team which supports the entire Memorial Research Community in providing Technology Transfer, Commercialization and Project Management Services including a number of ACOA – AIF Projects.</p> <p>Don also leads key Strategic Projects for the Vice President – Research which have included project managing various Technology Deployment projects within the VPR Portfolio as well as being the Project Manager for the NL Hydraulic Fracturing Review Panel Project. Don has extensive private and public sector PM experience through previous work as a Partner in a multinational consulting company and an in depth understanding of how to address research funding partners’ expectations which he gained as the VP of Program delivery for the Research Development Corporation.</p> <p>Robert Trask Robert is a Program Manager RGCS. Within this role, he facilitates the development and deployment of Research Project Management (RPM) support services and resources to assist MUN researchers in the planning and management of their research projects. Robert also provides project management educational training opportunities to the MUN research community. Additionally, he currently manages an ACOA AIF technology development and commercialization project through the Faculty of Science. Robert has extensive research administration and management experience through previous roles within the oil and gas sector and academia, and is a certified Project Management Professional (PMP®) with a Master of Science Degree.</p> |
| <p>Cultivating Reciprocal Multi-Jurisdictional Review</p> | <p>Danielle Connell and Joy Knight Danielle Connell has worked as Research Services Officer and REB Coordinator since 2009 at St. Thomas University in Fredericton, NB. Joy Knight has worked as Research Services REB Coordinator for the University of Prince Edward Island since 2013.</p> <p>Session Summary This session will focus on exploring Multi-Jurisdictional Research (MJR) Ethics Review, including the benefits, difficulties, current practices, and future directions. Two MJR case studies will be presented to spark conversation about the application of Chapter 8 of the TCPS. Participants will be invited to join an Atlantic MJR Working Group to continue to move ideas forward that are raised during the session.</p> |

Presenters will give a brief overview of RCR training best practice and RCR resources available and then open the room up for discussion. Attendees will be encouraged to share their experiences of offering RCR training to staff and researchers at their institutions.

From Research to Start-Ups:
Lessons in Innovation from the
Genesis Centre

Michelle Simms and Jacqueline Walsh

Michelle Simms

Michelle joined the Genesis Centre in 2002 as a business analyst and was promoted to vice president in 2015. She assumed the role of President and CEO in August of 2016. With more than a decade of experience advising technology companies, Michelle is passionate about entrepreneurs and advancing the technology sector of Newfoundland and Labrador.

Michelle’s passion for technology has led to her involvement with several national organizations. She is a member of the board of directors for Oceans Advance and the CDMN Advisory Board and for two years was the Newfoundland Chapter Lead of Ladies Learning Code, a national non-profit established to teach technical skills to women. She has served on the board of directors for the Canadian Association of Business Incubation, and is the St. John’s hub lead for the Canadian Digital Media Network and the Genesis Centre's Women in Technology Peer Group. Michelle holds a Bachelor of Business Administration (BBA) from Memorial University.

Jacqueline Walsh

Dr. Jacqueline Walsh is an assistant professor of business at Grenfell Campus, Memorial University. She has a Ph.D. in intellectual property law from the University of Leicester, a MBA from Memorial University and a LL.B. from the University of New Brunswick. Jacqui practiced law in Newfoundland and Labrador for many years in private practice and as in-house counsel for some of the Provinces most successful software companies. In addition, Jacqui spent many years volunteering her time with the Genesis Centre, NLAN, and Futurpreneurs. Jacqui moved to the west coast of the island in 2008 and began teaching entrepreneurship and strategy in the business program at Grenfell. She is actively involved with the Navigate Entrepreneurship Centre; founded the Enactus Grenfell team; completed the lean start-up training program; and is a member of the Newfoundland and Labrador Global Entrepreneurship Monitor team. Her research areas include the role of post-secondary institutions in regional economic development; the development of a culture of entrepreneurship and innovation in communities; and the improvement of commercialization skills in small firms. Jacqui is the Vice-Chair of the InnovateNL Council.

Session Summary

The Genesis Centre is Memorial University’s Innovation Hub that supports the growth of technology companies. Genesis has been on the start-up innovation roller coaster for 20 years. It has seen the ups and downs of commercialization and Michelle will talk about lessons learned along the way. Joining the CEO of Genesis, Michelle Simms, will be company CTO, **Randy Billard** from Virtual Marine, a spin-out company from Memorial and graduate of the Genesis Centre.

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| <p>Canada Foundation for Innovation (CFI): Updates & Managing CFI-Funded Multi-Institutional Projects</p> | <p>Claudia Fall</p> <p>Canada Foundation for Innovation (CFI) Senior Programs Officer. Claudia joined the CFI in 2011. In her role as a Senior Programs Officer, she provides advice on policy framework and program design, and coordinates the development, implementation and management of program initiatives. She also manages the review of grant applications and the post-award process for research infrastructure, including the negotiation of final budgets and amendments.</p> <p>Previously she worked in various research and consulting positions at the University of Ottawa, Agriculture and Agri-Food Canada's Ottawa Research and Development Centre and in industry. She holds two Master of Science degrees from the University of Ottawa and the TU Bergakademie Freiberg, Germany.</p> |
| <p>Mitacs Information and Brainstorming Session</p> | <p>Caroline Eastwood, Niraj Shukla</p> <p>Niraj Shukla Niraj Shukla is the Director for Business Development for Mitacs at Memorial University. Over the last 4 years he has steadily increased the uptake and participation in all Mitacs programming across campus. He has expanded into focusing on ensure not for profits and entrepreneurial start ups are able to avail of Mitacs. He resides quietly in the engineering building but is open to enquires from all across campus.</p> <p>Caroline Eastwood Caroline Eastwood is the Team Lead for Grant Management in Quebec and Atlantic Canada. The Grants team is responsible for coordinating all aspects in the administration of Mitacs research grant awards. Before joining Mitacs Caroline held positions in Communications and Project Management at McGill University, Universities Canada and Global Affairs Canada.</p> <p>Session Summary The session will be in two parts. The first part will be a presentation on Mitacs programs with a focus on the administration of Mitacs awards by Office of Research Services (ORS) staff at the universities. Mitacs staff will present the current Mitacs programs (Accelerate, Elevate, Globalink) and also outline new Mitacs initiatives (eAccelerate, Science Policy Fellowships and partnerships with NSERC, SSHERC, CIHR and Genome Canada).</p> <p>The second part will be an interactive discussion session. There will be three main discussion topics: program administration, communication and ensuring students are awarded funds in a timely manner. The interactive portion will give attendees the opportunity to discuss best practices in award administration amongst colleagues.</p> |
| <p>Patient Engagement and Research Ethics</p> | <p>Eva Vat</p> <p>(Lidewij) Eva Vat is NL SUPPORT's Patient Engagement Coordinator and Training and Capacity Development Lead. In this role, she helps patients and researchers with their patient engagement approach. She is a Health Scientist by background and</p> |

post-award financial administration and the financial monitoring. Pierre received his Bachelor of Business Administration in Accounting from the Université de Moncton in 1999 and has been a certified accountant since 2002. He acquired experience in financial management while working as an audit professional at the Office of the Auditor General of Canada from 1999 to 2007 and as Chief Accountant with Parks Canada from 2007 to 2013. Pierre also worked at Statistics Canada's Finance Branch from 2013 to 2016, where he served as Acting Assistant Director, Financial Systems and Controls from and Assistant Director, Financial Management Operations including being responsible for the financial operations of the 2016 Census of Population.

Session Summary

The Tri-agencies (NSERC, SSHRC and CIHR) will provide a short presentation followed by a discussion on the status of the proposed principle-based concept for the Tri-Agency Financial Administration Guide and the monitoring review framework.

Research Integrity Training

Karen Wallace

Karen Wallace, Senior Advisor to the Secretariat on the Responsible Conduct of Research (SRCR), will provide an overview of the Responsible Conduct of Research (RCR) Framework for session attendees. The RCR Framework sets out the responsibilities and corresponding policies for researchers, institutions, and the Agencies, that together help support and promote a positive research environment. It specifies the responsibilities of researchers with respect to research integrity, applying for funding, financial management, and requirements for conducting certain types of research, and defines what constitutes a breach of Agency policies. For institutions, it details the minimum requirements for institutional policies for addressing allegations of all types of policy breaches, and institutions' responsibilities for promoting responsible conduct of research and reporting to the Agencies. The RCR Framework also sets out the process to be followed by the Agencies, and administered by the SRCR and the Panel on Responsible Conduct of Research (PRCR), when addressing allegations of breaches of Agency policies. Interpretations of the framework and other institutional training that has been developed in relation to research integrity will be discussed.

Tri-Agency Funding: NSERC, SSHRC, CIHR Updates

Bernard Haché, Lorraine Anderson, Dale Dempsey

Bernard Haché

Mr. Haché worked with a number of different companies in New Brunswick and Quebec to develop and commercialize innovative new products and systems. Recipient of a MBA from the University of New Brunswick in Entrepreneurship and Technology Management, he joined the Natural Science and Engineering Research Council of Canada (NSERC) to promote and support collaborations between academic institutions and industry and foster a culture of Research an Innovation in Canada.

Lorraine Anderson

Lorraine is a manager in the Research Grants and Partnerships Division at SSHRC. She has been with the Council for over 10 years and is currently responsible for delivering the Insight Grants, Insight Development Grants, SSHRC Institutional Grants and Aid to Scholarly Journals funding opportunities.

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| | <p>Dale Dempsey Dale Dempsey Joined the Public service in 2004 after 16 years as a professor. Dale joined the Canadian Institutes of Health Research (CIHR) in 2007 as a Lead in the Research Capacity Development Branch where he managed the Canada Graduate Scholarships programs (Master and Doctoral) as well as the Fellowships program. He became a Deputy Director in the Open Programs Branch where he was responsible for program delivery in the Open Operating Grant Program (OOGP) and for delivering strategic programs for the Institutes of Cancer Research, Genetics, and Immunity and Infection. During this period Dale was seconded to Genome Canada as Director of International programs. In July 2015 Dale took up the position of Manager of the Foundation Grant Program.</p> |
| <p>RCR Discussion Panel Q&A</p> | <p>Danielle Connell, Sandra Veenstra</p> <p>Danielle Connell Danielle Connell has worked as Research Services Officer and REB Coordinator since 2009 at St. Thomas University in Fredericton NB.</p> <p>Session Summary This session will focus on exploring Multi-Jurisdictional Research (MJR) Ethics Review, including the benefits, difficulties, current practices, and future directions. Two MJR case studies will be presented to spark conversation about the application of Chapter 8 of the TCPS. Participants will be invited to join an Atlantic MJR Working Group to continue to move ideas forward that are raised during the session.</p> <p>Presenters will give a brief overview of RCR training best practice and RCR resources available and then open the room up for discussion. Attendees will be encouraged to share their experiences of offering RCR training to staff and researchers at their institutions.</p> <p>Sandra Veenstra Sandra Veenstra is the Ethics Director for the provincial Health Research Ethics Authority (HREA) of Newfoundland and Labrador (NL). Sandra has held this position since the HREA's inception in 2011. In her role, Sandra provides policy advice to the Health Research Ethics Boards (HREB) and provides guidance to researchers to understand the ethics review process. Sandra holds a Master of Bioethics and Health Law (MBHL) degree with a specialization in research ethics from the University of Otago in New Zealand. Prior to moving to NL, Sandra was the Senior Ethics and Legal Advisor for the Health Research Council of New Zealand. Sandra is also a professional associate to the Faculty of Medicine (FOM) to recognize her teaching in research ethics for students, faculty and staff at Memorial University. Sandra is past Vice-President of the national Canadian Association of Research Ethics Board (CAREB), and an active member of CAREB, the Canadian Bioethics Society (CBS) and the Public Responsibility in Medicine and Research (PRIM&R).</p> |
| <p>Keynote: Happiness at Work</p> | <p>Jennifer Kelly Jennifer is a facilitator and instructional designer with over nine years' experience designing, developing and delivering training workshops to small and medium-sized businesses and academic institutions. In addition to degrees achieved in Adult</p> |

Education and Instructional Design, she is a certified Positive Psychology coach.

Jennifer is co-owner of Coast2Coast Training, a coaching and training business offering coaching and workshops in business communication, leadership and Positive Psychology. Coast2Coast Training is unique - its courses are offered across the country, from one coast to another. Jennifer’s training and instructional design clients have included Eastern Health, Memorial University, College of the North Atlantic, Keyin College, Academy Canada, and several private businesses.

Session Summary

Positive Psychology is the scientific study of wellbeing. It studies the conditions and mental attitudes that best lead to wellbeing and life satisfaction. In the workplace, it studies the factors and conditions that boost productivity, motivation, and engagement. In this session, attendees will be introduced to scientific research about wellbeing in the workplace (what does a positive workplace look like? how is it achieved?) and discover proven workplace engagement tools and strategies.

Crowdfunding for Research:
Engage the Public and Unlock
New Funding

Eric Fisher

Dr. Eric Fisher is the founder of Labfundr, Canada’s first crowdfunding platform for scientific research and educational outreach. Eric acquired his PhD in Biochemistry & Molecular Biology at Dalhousie University, where he studied how liver cells create and destroy “bad” cholesterol particles. For his undergraduate degree, Eric attended the University of Ottawa, where his Honours work found him investigating how a mutant protein is produced in aggressive brain cancers. Eric is now using his ten years of biomedical research experience to help improve the funding and awareness of academic research in Canada.

Session Summary

Crowdfunding is defined as raising small amounts of money from many individuals to help achieve a goal. Many successful general-purpose crowdfunding services exist, yet these websites do not list “science” or “research” as campaign categories. As a result, researchers in Canada have not had a place to call home in the crowdfunding world, until we created Labfundr. Crowdfunding is emerging as way to fund research projects, student travel, and educational outreach by public engagement and knowledge translation. Find out how crowdfunding works, ingredients of a successful campaign, and how it fits within the existing funding and science communication ecosystem.

Accelerating Discovery with
ACENET & Compute Canada

Michele Fash

Michele Fash, Director of Business Development with ACENET, has been in the marketing field for over 25 years, her work spanning both the public and private sectors and a variety of industries. Along the way, she’s worked with National Defense in Ottawa, marketed French fries for McCain Foods, sand and gravel for The Shaw Group and medical devices for Uplift Technologies. She’s also done private consulting with organizations ranging from startups to large organizations. Michele is based in Wolfville, Nova Scotia at Acadia University, and has a BBA from Acadia and an MBA from Dalhousie.

Session Summary

Used by scientists, mathematicians, and engineers, advanced computing systems can remove years from discovery and innovation timelines. Complex calculations or large-scale simulations that would take weeks or months using traditional desktop methods are reduced to days. Designing ocean structures, developing new materials, and biogeochemical modeling

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| | <p>are among the many applications that benefit from advanced computing. During this presentation, learn how researchers can access and begin to use these resources through ACENET, avoiding the costs and complications of managing their own systems.</p> |
| <p>Secondary Use of Data in Health Research: Ethics and Privacy Considerations</p> | <p>Donna Roche, Sandra Veenstra</p> <p>Donna Roche Donna Roche, PhD is the Manager of Health Analytics at the Newfoundland and Labrador Centre for Health Information (NLCHI). NLCHI a crown corporation of the Government of Newfoundland and Labrador with a mandate to assist individuals, communities, health service providers and policy makers at federal, provincial and regional levels in making informed decisions to enhance the health and well-being of persons in the province by providing a comprehensive province-wide information system.</p> <p>Donna holds a PhD in Community Health and Humanities from Memorial University. She has a strong knowledge of research ethics; the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (TCPS 2); privacy legislation and has subject area expertise on the secondary use of personal health information. She is the chair of NLCHI’s Secondary Uses Committee which is an advisory committee that provides guidance and recommendations to NLCHI’s Chief Information Officer on the access, use and disclosure of personal health information.</p> <p>Session Summary: This session will focus on the ethics and privacy considerations of the secondary use of data in health research. Topics to be addressed will include best practices for access to information, privacy, and information management and information security. Ethical considerations related to privacy and consent, as well as the various approval processes that need to be in place prior to access or disclosure, will be reviewed in the local context. Open discussion with session attendees will be encouraged re: how other jurisdictions manage the ethics review of research that relies on data held by external organizations and how data custodians process requests for secondary use of data for research purposes.</p> |
| <p>Research Engagement: Best Practices and Considerations When Partnering With Indigenous Communities</p> <p>Involving Indigenous People in the Research Process - Learnings</p> | <p>Ashlee Cunsolo, Rodd Laing, Dana Mount, Carla Pamak</p> <p>Dr. Dana C. Mount Dr. Dana C. Mount is an Associate Professor of English at Cape Breton University. Currently, she holds the position of Assistant Dean, Research, Teaching and Graduate Studies where she oversees the REB process and works on policy development. She is currently working on improving the institutional co-operation between the CBU REB and the MEW.</p> |
| <p>Workplace Mental Health</p> | <p>Lisa Adams</p> <p>Lisa Adams has 25 years of progressive health care leadership experience and is a well accomplished academic and an award</p> |

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| | <p>winning author in the U.S. for her book titled: Workplace mental health for nurse managers. Lisa works as an independent mental health consultant, is a certified Health Care Leader with the Canadian College of Health Care Leaders, and recently published her second book about Post Traumatic Stress Disorder. Lisa is a third year medical student in the U.S. and is working with Dr. Brown of Harvard University on a research project involving U.S. military veterans.</p> |
| <p>Overview of Employment Equity and Diversity at Memorial University</p> <p>Sex, Gender, Equity, Diversity and Inclusion : Strengthening Research Excellence</p> | <p>Tina Hickey and Serge Villemure</p> <p>Tina Hickey</p> <p>Session Summary This session will help participants identify institutional approaches to inclusion. Participants will have an opportunity to hear employment equity and diversity best practices and share resources with colleagues.</p> <p>Serge Villemure Serge Villemure joined NSERC in 1991. Since 2010, he has been Director of the Scholarships and Fellowships Division. In 2013, he also became Director of the Chairs for Women in Science and Engineering Program and at the same time undertook the responsibility of integrating gender equity and diversity considerations into policies and programs, and facilitating Gender-Based Analysis capacity building across the Agency.</p> <p>Session Summary NSERC has been implementing initiatives to increase women and girls’ participation in natural sciences and engineering research since the 1980s. These initiatives are now being complemented by additional institutional commitments and a Council-wide action plan to increase equity, diversity and inclusion as elements of research excellence. Our current strategic plan, NSERC 2020, has as one of the five strategic goals “Building a Diversified and Competitive Research Base” which includes gender equity as a key priority.</p> <p>This presentation, recognizing the range of issues contributing to current participation rates of women and under-represented groups in science and engineering research in Canada, introduces the initiatives and actions NSERC is committed to and undertaking to increase gender equity, diversity and sex, gender and diversity analysis in research.</p> |
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