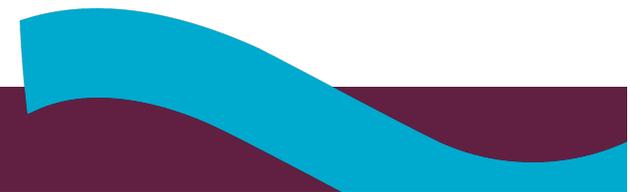


Faculty of Arts



Diane Crocker - Criminology



Bystander Training to Prevent Campus Sexual Violence,
Antigonish Women's Resource Centre and Sexual Assault
Centre

*Evaluation & Learning Framework Design for Standing
Together,* Nova Scotia Advisory Council on the Status of
Women

Evaluation of campus sexual violence prevention work, Nova
Scotia Labour and Advanced Education



Diane Crocker - Criminology

*Domestic Violence Offender Navigator qualitative evaluation,
Halifax Regional Police*

*Circles of Support and Accountability (CoSA) – Support for
high-risk sex offenders, Public Safety Canada*



Teresa Heffernan – English



AI everywhere: The Mythical and Religious Roots of Algorithmic Faith, Social Sciences and Humanities Research Council, Insight Grant



Renée Hulan - English



Uninhabited Islands in the Literary Culture of Atlantic Canada,
Social Sciences and Humanities Research Council, Insight
Development Grant



Sara Malton – English



Wondrous hunger: Salvation, starvation and the nineteenth-century “fasting girl”, Social Sciences and Humanities Research Council, Insight Development Grant



Henghameh Saroukhani - English



Can the Ship Speak? Materialism and the Matter of Windrush Literature, Social Sciences and Humanities Research Council, Insight Development Grant



Peter Bush – Geography & Environmental Studies



*Current state of forest habitat and habitat connectedness in
Prince Edward Island, Department of Communities, Land and
Environment*



Cathy Conrad – Geography & Environmental Studies



Women and children on the move: Irregular migration journeys from West Africa, Social Sciences and Humanities Research Council, Insight Development Grant

Interprovincial water monitoring: Transboundary collaboration towards mitigating water quality deficiencies in the Maritimes, Environment and Climate Change Canada

Cathy Conrad – Geography & Environmental Studies

Building Capacity to Address Water Data Gaps in New Brunswick through Community-Based Monitoring Resources and Training, New Brunswick Department of Environment and Local Government

SMU's Atlantic Water Network – Virtual Network Meeting, The Gordon Foundation

Technology Advancing Water Monitoring Education and Communication in Atlantic Canada, ACAP Saint John



Karen Harper – Geography & Environmental Studies



Understanding boundary structure and function in heterogeneous landscapes, Natural Sciences and Engineering Research Council, Discovery Development Grant

Edge Response of Understorey Plants, Lichenivorous Gastropods and Their Grazing Impact on At-Risk Lichens in Mixedwood Swamps, Mitacs

Green Spaces Project, Project Learning Tree Canada

Impact of clearcut logging on the gastropod-lichen interactions in Nova Scotia, Nova Scotia Department of Lands and Forestry - Habitat Conservation Fund



Min-Jung Kwak – Geography & Environmental Studies



*COVID-19 The Socio-Economic Impacts of the COVID-19
Pandemic on Immigrant Entrepreneurship in Nova Scotia,*
Social Sciences and Humanities Research Council,
Partnership Engage Grant



Danika Van Proosdij – Geography & Environmental Studies



Making room for Wetlands: Implementation of Managed Realignment for Salt Marsh Restoration and Climate Change Adaptation in Nova Scotia, Department of Fisheries and Oceans

Making Room for Movement: A Framework for Implementing Nature-Based Adaptation Strategies in Nova Scotia's Coastal Zone, Department of Natural Resources Canada



Danika Van Proosdij – Geography & Environmental Studies

Halfway River, Three Fathom Harbour, Truro, Avon River and Regatta Point projects, CBWES

Understanding Coastal Ecosystem Response to Nature-Based Climate Adaptation Methods in a Cold Climate, Mitacs

Stewardship Centre

- *Greenshores for Homes 2021-2023 project support*
- *Implementing priority action in Priority Places and advancing Priority Sector (urban) in Atlantic Region: Piloting the Green Shores for Homes*



Danika Van Proosdij – Geography & Environmental Studies

CBCL Limited Consulting Engineers

- *Engineered Design of Isgonish Aboiteau*
- *Engineered Design of Nappan Dam Aboiteau*

National Research Council Canada

- *Effectiveness of Vegetated Foreshore Marshes and Managed Dyke Realignment for Risk Reduction*
- *Application of sand engine and constructed marsh sills for risk reduction*



Danika Van Proosdij – Geography & Environmental Studies

*Modelled Approach and Considerations for Salt Marsh
Reversion and Dyke Realignment, Nova Scotia*
Department of Agriculture

Climate Adaptation Leadership Program, Nova Scotia
Department of Environment

Leadership Internship, Clean Foundation



Blake Brown – History



A history of Canadian medical malpractice law, 1935-1980,
Social Sciences and Humanities Research Council, Insight
Grant

Karly Kehoe - History



Canada Research Chair, Atlantic Canada Communities,
Social Sciences and Humanities Research Council

*A Catholic Atlantic? Minority agency in the British world,
1763-1860*, Social Sciences and Humanities Research
Council, Insight Development Grant

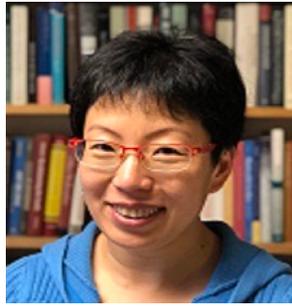
Timothy Stretton - History



Marriage, separation & divorce in England 1500-1857, Social Sciences and Humanities Research Council, Insight Grant



Xiaoping Sun - History



Feeding the nation from the wilderness: Food, migration, and environment on China's northeastern borderland, Social Sciences and Humanities Research Council, Insight Grant



Gavin Fridell – International Development Studies



Canada Research Chair, Social Sciences and Humanities
Research Council



Andrés Arteaga – Modern Languages & Classics



Creative Writing Workshops During the Pandemic Among the Hispanic Community in Atlantic Canada, Latispanica Cultural Association and CLARI



Myles McCallum – Modern Languages & Classics



The Villa di Tito project: Re-examining Roman villas, Social Sciences and Humanities Research Council, Insight Grant



Sveva Savelli – Modern Languages & Classics



Excavation and survey at Incononata "Greca": a study of the indigenous-Greek frontier on the Ionian Coast, Social Sciences and Humanities Research Council, Insight Grant



Sailaja Krishnamurti – Religious Studies



*A Feminist Reimagining, Readjusting and Recreating of
Work at Home, Wabash Centre*



Alexander Soucy – Religious Studies



Thich Nhat Hanh in Context, Social Sciences and Humanities
Research Council, Insight Development Grant



Darryl LeRoux – Social Justice & Community Studies



The Algonquins of Ontario: A case study in modern-day land claims, Social Sciences and Humanities Research Council, Insight Development Grant



Eunjeong (Eugena) Kwon – Sociology



The impact of COVID-19 pandemic on international students' school-to-work transition and pathways to permanent residency, Social Sciences and Humanities Research Council, Insight Development Grant

How is Canadians' mental health affected by COVID-19: visual analytics of social media text, Natural Sciences and Engineering Research Council, Alliance Grant



Evangelia (Evie) Tastsoglou – Sociology



GENDER-NET Plus ERA-Net Cofund: Promoting gender equality in H2020 and the ERA, Canadian Institutes of Health Research

How is Canadians' mental health affected by COVID-19: visual analytics of social media text, Natural Sciences and Engineering Research Council, Alliance Grant

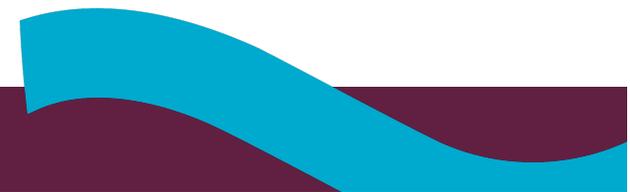
Madine VanderPlaat - Sociology



The Great Reconnect: Personal, Community and Societal Resilience in a Post-COVID-19 World, Social Sciences and Humanities Research Council, Connection Grant



Sobey School of Business



Harjeet Bhabra – Dean, Sobey School of Business



The Role of Director Networks in the Resolution of Corporate Financial Distress, Social Sciences and Humanities Research Council, Insight Grant



Matthew Boland - Accounting



Consequences and motivations behind estimates in capital budgeting. Evidence from government procurement, Social Sciences and Humanities Research Council, Insight Grant

Environmental violators beware! Using machine learning to predict EPA infractions, Social Sciences and Humanities Research Council, Insight Development Grant



Khin Phyo Hlaing – Accounting



*The effect of taxes on executive compensation structure:
Evidence from the Canadian tax policy change known as the
'Halloween Massacre' of 2006, Social Sciences and
Humanities Research Council, Insight Development Grant*



Sonja Novkovic – Economics



Governance of co-operative enterprises under pressure: a multilevel and holistic approach, Research Foundation-Flanders (FWO)

Impact of COVID-19 on the Co-operative Sector in Canada, Co-operative and Mutuels Canada

The Internal Centre for Co-operative Management Symposium 2021, Atlantic Canada Opportunities Agency



Najah Attig – Finance, Information Systems & Management Science



Canada Research Chair, Finance, Social Sciences and
Humanities Research Council

Flying Under the Radar: The Real Effects of Anonymity,
Social Sciences and Humanities Research Council, Insight
Grant

Tony Charles – Finance, Information Systems & Management Science



Marine Environment Observation, Prediction and Response Network, NSERC Networks of Centres of Excellence of Canada

Sustainability of Fisheries, Coasts and Oceans - Integrated Systems Approaches, Natural Sciences and Engineering Research Council

Implementing the Small-Scale Fisheries Guidelines: Recognizing and Enhancing Environmental Stewardship by Small-Scale Fishing Communities, Food and Agriculture Organization of the United Nations



Hamdi Driss – Finance, Information Systems & Management Science



Does policy uncertainty affect credit ratings quality? Social Sciences and Humanities Research Council, Insight Development Grant



Rahman Khokhar – Finance, Information Systems & Management Science



Climate Change, Financial Risk, and Firm Behaviour, Social Sciences and Humanities Research Council, Insight Development Grant



Mohammad Rahaman – Finance, Information Systems & Management Science



Canada Research Chair, International Finance &
Competitiveness, Social Sciences and Humanities Research
Council



Majid Taghavi – Finance, Information Systems & Management Science



Healthcare resource planning for seniors and end-of-life patients, Natural Sciences and Engineering Research Council



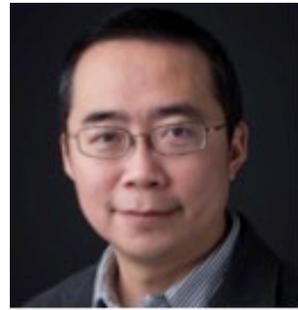
Hai Wang – Finance, Information Systems & Management Science



Predictive Business Analytics for Incomplete Data, Natural Sciences and Engineering Research Council



Michael Zhang – Finance, Information Systems & Management Science



Enhancing Canadian Vaccination Strategies Using Machine Learning and Business Analytics, Social Sciences and Humanities Research Council, Insight Development Grant

Retail Supply Chain Predictive Analytics, Mitacs



Wendy Carroll – Management



New Technologies and Skills: A Preliminary Scan of the Role of Micro-credentials to Increase Access to Higher Education and a Review of the role of HR professionals use of Artificial Intelligence, Ryerson University, Employment Skills Development Canada (ESDC)



Claudia De Fuentes – Management



Wine-making or place-making? The role of the craft wine industry in rural revitalization, Social Sciences and Humanities Research Council, Insight Development Grant

Crowding-in or crowding-out? Analysis of innovation government support for firms located in Canada – Treasury Board Secretariat

Claudia De Fuentes –Management

Mitacs

- *Investigating the use of various methods of marketing collaborations, and their success criteria and limitations, of business-with-business and business-with-influencer collaborations in North America*
- *Exploring the Determinants for Start-up Success*



Cathy Driscoll - Management



Exploring Collective Moral Disengagement in Cover-up of Sexual Abuse in the Roman Catholic Church, Social Sciences and Humanities Research Council, Insight Grant

Ellen Farrell - Management



Mitacs

- *Success story 'Cabot Link' - Can luxury tourism development, and the inclusion of non-academic learning activities as a travel experience, help economically neglected regions in Nova Scotia to prosper?*
- *Girls and Women - Access to Venture Capital*

Girls and Women and the Venture Capital Conundrum, Ryerson University, Innovation, Science and Economic Development Canada (ISED)



Chantal Hervieux – Management



Study of Black Owned/Led Businesses in Atlantic Canada, Public Services and Procurement Canada

The role of data intelligence software in assessing materiality: what is the potential and their limits? Mitacs



Catherine Loughlin - Management



Diversity specific transformational leadership, Social Sciences and Humanities Research Council, Insight Grant

Gender Equality Research, Women and Gender Equality Canada (WAGE)



Firat Sayin - Management



*Income security and labour market engagement:
Envisioning the future of disability policy in Canada, Social
Sciences and Humanities Research Council, Partnership
Grant*



Mahdi Tajeddin - Management



From Decline to Re-emergence Pathway: Co-evolution of technology and market category in Canadian oat milling industry revival, Social Sciences and Humanities Research Council, Insight Development Grant



Ethan Pancer - Marketing



Using computer vision algorithms to optimize the communication of new products to grow the economy, Social Sciences and Humanities Research Council, Insight Grant

Mitacs

- *Retail Distancing Interventions Change Consumer Choice*
- *Using improved data availability and analysis to identify efficiencies for dairy farms, dairy processors, and overseeing provincial dairy boards*
- *Project Manager at The Watershed Inc.*

Ramesh Venkat – Marketing



Mitacs Business Strategy Internship (BSI), Mitacs



Tiffany Vu – Marketing



Transitioning to good: When is striving to be an ethical business as good as being one? Social Sciences and Humanities Research Council, Insight Development Grant



Matt MacPhee, Manager, Business Design – Saint Mary's Entrepreneurship Centre



National Research Council – Industrial Research Assistance Program

- *myPAQ Feasibility Study*
- *Go to Market USA*

Michael Sanderson,
Director –
Saint Mary's Entrepreneurship Centre



AdaPT Atlantic, Ryerson University, Diversity Institute



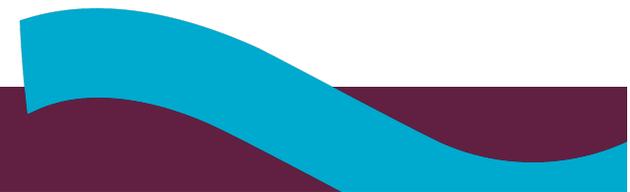
Jason Turner,
Manager, Skill Development and Training –
Saint Mary's Entrepreneurship Centre



*Community Hackathon: Addressing Human Trafficking in
Atlantic Canada, Public Safety Canada*



Faculty of Science



Gregory Christian – Astronomy and Physics



Direct and Indirect Studies of Astrophysical Reactions,
Natural Sciences and Engineering Research Council



Ivana Damjanov – Astronomy and Physics



Canada Research Chair, Natural Sciences and
Engineering Research Council

*The evolution and the interplay of the luminous and dark
matter content of massive (compact) galaxies,* Natural
Sciences and Engineering Research Council



Luigi Gallo – Astronomy and Physics



Ins and Outs of Black Hole Accretion, Natural Sciences
and Engineering Research Council

Toward the event horizon with XARM, Canadian Space
Agency



Vincent Hénault-Brunet – Astronomy and Physics



*Dynamically probing the dark side of globular clusters:
from central black holes to the Milky Way halo, Natural
Sciences and Engineering Research Council*



Rituparna Kanungo – Astronomy and Physics



Towards a new global view of nuclear structure and nuclear matter through nuclei with large neutron to proton ratio, Natural Sciences and Engineering Research Council of Canada, Subatomic Physics Individual Grant

Natural Sciences and Engineering Research Council of Canada, Subatomic Physics Project Grant

- *IRIS: Charged particle reaction spectroscopy at ISAC*
- *Investigation of the charge state breeding for the post acceleration of neutron rich Sn isotopes*

Marcin Sawicki – Astronomy and Physics



Canada Research Chair, Natural Sciences and Engineering
Research Council

*Exploring Cosmic Noon and Cosmic Dawn with JWST
Guaranteed Time Observations*, Natural Sciences and
Engineering Research Council

*Science Support for JWST's Canadian NIRISS Unbiased
Cluster Survey (CANUCS)-JWST GTO Program*, Canadian
Space Agency



Rob Thacker – Astronomy and Physics



Toward more robust numerical and observational comparisons, Natural Sciences and Engineering Research Council



Aldona Wiacek – Astronomy and Physics



Spectroscopic measurements of atmospheric composition and evolution for an improved understanding of air quality and climate change, Natural Sciences and Engineering Research Council

Canadian Space Agency

- *Modes of pollution transport from North America to Nova Scotia and beyond*
- *Mineral dust aerosols in Northern Canada: Sources and impacts on climate and air quality*

Colleen Barber - Biology



Eco-toxicology of European Starling Eggs, Environment
Canada

Susan Bjornson - Biology



*Microsporidia-host interactions in beneficial arthropods:
Factors that influence chronic disease, Natural Sciences
and Engineering Research Council*



David Chiasson - Biology



Improving symbiotic performance for enhanced plant nutrition, Natural Sciences and Engineering Research Council



Anne Dalziel - Biology



Mechanisms underlying the evolution of salinity tolerance in fish, Natural Sciences and Engineering Research Council



Tim Frasier - Biology



Understanding the strength and demographic consequences of inbreeding depression in the wild, and the subsequent implications for conservation, Natural Sciences and Engineering Research Council

Department of Fisheries and Oceans Canada

- *North Atlantic Right Whale Genetic Profiling and Database Maintenance*
- *Molecular Ageing - Northern Bottlenose Whale and Atlantic Right Whale*

Tim Frasier - Biology

Conservation Genomics of the Endangered North Atlantic Right Whale, Genome Atlantic

Conservation Genomics of the Endangered North Atlantic Right Whale, Research Nova Scotia



Sean Haughian - Biology



Lichens of old growth forests in Nova Scotia sampling bias and indicator potential, Nova Scotia Department of Lands and Forestry - Habitat Conservation Fund

*For the Committee the Status of Endangered Wildlife in Canada (COSEWIC) on the Blue Felt Lichen (*Pectenium plumbeum*) in Canada, Environment Canada*

Jeremy Lundholm - Biology



An ecological approach to green roof ecosystem functioning, Natural Sciences and Engineering Research Council

Native Plant Mixtures for Atlantic Green Roof, Landscape Architecture Canada Foundation



Genlou Sun - Biology



*Untangling the molecular mechanisms underlying adaptive difference between autopolyploid and its diploid ancestor: A case study of *Hordeum bulbosum* species, Natural Sciences and Engineering Research Council*



Kevin Vessey - Biology



BioFuelNet Canada Network

- *Purpose Grown Biomass Crops: Efficient Production, Yield Modelling, and Real-world Verification*
- *Develop a Low-Cost and High Production and High Production System for Sorghum and Biomass and Marginal Lands*

Laura Weir - Biology



The influence of ecological variation on mechanisms of sexual selection and mating system structure, Natural Sciences and Engineering Research Council



Christa Brosseau - Chemistry



Canada Research Chair, Sustainable Chemistry and
Materials, Natural Sciences and Engineering Research
Council

*Innovative Plasmonic Platforms for Advanced Molecular
Sensing*, Natural Sciences and Engineering Research
Council



Christa Brosseau - Chemistry

Spectro-Electrochemical Sensors for the Detection and Quantification of Biomarkers, National Research Council Canada

Up to the Task – Advancing an Innovative Exploration of Task-Specific Ionic Liquids (TSILs) for Cyanide-free Gold Recovery in Nova Scotia (Phase B), Nova Scotia Department of Energy and Mines



Jason Clyburne – Chemistry



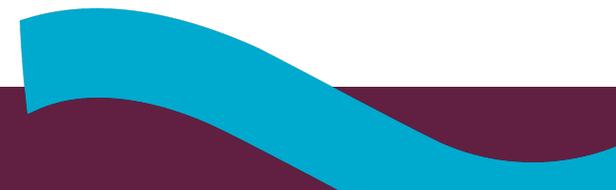
Preparation, isolation, and characterization of fragile acid-base complexes including intermediates of potential biological relevance, Natural Sciences and Engineering Research Council



Jason Masuda - Chemistry



Stabilization of Unique Chemical Bonding Environments and Exploration of Small Molecule Reactivity, Natural Sciences and Engineering Research Council



Robert Singer - Chemistry



New Materials, Separations and Catalysis with Ionic Liquids,
Natural Sciences and Engineering Research Council,
Discovery Development Grant

*Sona Nanotech 14-4-14 Surfactant Production, Sona
Nanotech*

Clarissa Sit - Chemistry



The chemical origins of biological interactions: an evolutionarily refined approach for natural products discovery, Natural Sciences and Engineering Research Council

Accelerating the discovery of new antibiotics to combat drug-resistant human pathogens, Nova Scotia Health Research Foundation, Establishment Grant

Mold in caps, National Research Council – Industrial Research Assistance Program

Danielle Tokarz - Chemistry



Controlling the outcome of reactions in macromolecular systems: Measurement of structural dynamics during synthesis and degradation in biologically relevant polymers, Natural Sciences and Engineering Research Council



Adel Merabet – Engineering



Control Systems for Renewable Wind and Solar Photovoltaic Energy Integration and Smart Microgrid,
Natural Sciences and Engineering Research Council

Development of electric circuits for power and temperature control of heating elements in plastic sheet press machine,
Nova Scotia Business Inc.



Sam Veres - Engineering



Development, control, and functional significance of variations in collagen fibril nanostructure, with application to the creation of novel biomaterials, Natural Sciences and Engineering Research Council, Discovery Grant

Erin Cameron – Environmental Science



Soil invertebrates under global change, Natural Sciences
and Engineering Research Council



Linda Campbell – Environmental Science



Using scaled multi-species mesocosm testing to "cap the impact" of legacy gold mining tailing contaminated wetlands, Natural Sciences and Engineering Research Council, Discovery Development Grant

Study on Chain Pickerel Effects on Foodwebs of Native Species, Parks Canada



Linda Campbell – Environmental Science

Developing an in-situ risk management strategy for enhancing natural recovery of high contaminated gold mine tailing impacted wetlands, Atlantic Mining NS Corp.

Mercury Accumulation in Chain Pickerel within the LaHave River Watershed, Mitacs

Nature Canada

- *Applying Etuaptmumk approaches to assessing aquatic invasive species*
- *Amphibian biomonitoring on contaminated sites*



Linda Campbell – Environmental Science

Food Web Analysis to Determine Role & Impact of Stocked Atlantic Salmon and Invasive Chain Pickerel on Sympatric Populations of Lake Utopia Rainbow Smelt, Fisheries and Oceans Canada

Signed-Spoken Language Interpreting In Canadian Professional Settings: A review of available resources and knowledge gaps, Nova Scotia Department of Justice

Amphibian and reptile monitoring and bioaccumulation assessments in relation to historical gold mine tailings, Nova Scotia Lands Inc.



Linda Campbell – Environmental Science

Clean Foundation

- *Science Horizons Program - Monitoring and remediation strategies for 100+-year-old legacy gold mine tailing wastes*
- *Legacy gold-mine tailing contaminant ecotoxicology technologist*
- *Leadership Internship Program*

Monitoring and remediation of historical gold mine tailing sites, ECO Canada



Erin Adlakha - Geology



Linking high spatial resolution accessory mineral chemistry and geochronology to large-scale ore-forming hydrothermal processes in the crust, Natural Sciences and Engineering Research Council

Uranium and magnetite mineralization around Nonacho Lake, The Government of Northwest Territories

Jacob Hanley – Geology



Crust-Mantle Processes Responsible for VMS Endowment during the evolution of Archean Greenstone Belts: Volatile and metal chemistry of melt inclusions in accessory minerals in Archean VMS, Canada First Research Excellence Fund (NSERC), Metal Earth Grant

Cu-Ag-(U-Th) mineralization around Nonacho Lake, The Government of Northwest Territories

The application of melt inclusions to evaluate magma ore metal fertility, oxidation state, sulfur saturation and volatile contents in the South Mountain Batholith, Nova Scotia Department of Energy and Mines

Coupled melt inclusion-zircon analysis to evaluate magma fertility, oxidation state, sulfur saturation and volatile contents in Archean vms-related volcanic assemblages, Department of Natural Resources

Dawn Kellett – Geology



Faults and fluids in accretionary orogens, Natural Sciences
and Engineering Research Council



Georgia Pe-Piper - Geology



Mineralogical and geochemical approaches to tectonic problems, Natural Sciences and Engineering Research Council

Nova Scotia Offshore Energy Research Association

- *Predictive Modeling of Sandstone Reservoir Distribution Southwest Scotian Basin*
- *Sequence stratigraphy, titania diagenesis and relationship to petroleum system modelling*

Todd Ventura - Geology



Canada Research Chair, Geoscience, Natural Sciences and Engineering Research Council

Multi-Molecular Characterization of Complex Matrices for the Detection of Geochemical Processes, Natural Sciences and Engineering Research Council

Validation and integration of genomics solutions for offshore oil exploration in Nova Scotia and beyond, Genome Canada and Research Nova Scotia

Integration of microbiological and geochemical tools for de-risking oil and gas exploration along the Scotian Margin, Mitacs

Yasushi Akiyama – Mathematics & Computer Science



*Designing Student Success: Building a Mobile Application
to Improve Student Retention and Persistence, Mitacs*



Stavros Konstantinidis – Mathematics & Computer Science



Representational, Algorithmic and Applied Aspects of Word Relations, Natural Sciences and Engineering Research Council



Pawan Lingras – Mathematics & Computer Science



Generalized sequential data mining using enhanced object representations based on preliminary clustering profiles,
Natural Sciences and Engineering Research Council

Reliable and efficient real-time tools for collecting and analyzing large health datasets, Natural Sciences and Engineering Research Council, Discovery Grant



Pawan Lingras – Mathematics & Computer Science

Nova Scotia Business Inc.

- *Developing MVP for Q&A webportal*
- *Developing a prototype to show the kiosk usage and profiles of patients*
- *Developing a prototype for a dashboard to visualize the overall long-term care facility and profiles for residents and caregivers*



Pawan Lingras – Mathematics & Computer Science

National Research Council – Industrial Research Assistance Program

- *Machine learning modeling of process data from seafood processing plants*
- *Machine learning modeling of data from ultrasonic leak detectors*
- *Designing an image processing and text mining research and development plan*
- *Design of predictive analytics and optimization to improve employee scheduling*



Pawan Lingras – Mathematics & Computer Science

Mitacs

- *Technology Advancement in existing AED*
 - *Design Automation and Optimization Using Artificial Intelligence*
 - *Continuous calibration, interpolation and predictive analytics using Machine Learning*
 - *Temporal soft clustering for profiling and predictive analytics in elderly care homes*
 - *Development of a heterogeneous data repository for rating broker recommendations in capital markets*
 - *Evidence-driven strategies for successful schooling outcomes of learners of African descent in Nova Scotia*
 - *Financial Portfolio Reconciliation using Deconstructed Deep Learning*
 - *Autocropping and enhancing image dataset of vehicular accidents*
- 

Mitja Mastnak – Mathematics & Computer Science



Hopf algebras, combinatorics, and operator theory, Natural Sciences and Engineering Research Council



Paul Muir – Mathematics & Computer Science



Numerical Software for the Adaptive Error Controlled Solution of Ordinary and Partial Differential Equations, Natural Sciences and Engineering Research Council



Jiju Poovvancheri – Mathematics & Computer Science



Towards Seamless Interaction and Navigation in Virtual Worlds using Multiple 3D Sensors, Natural Sciences and Engineering Research Council

Deep Learning based Real-time Object Recognition and Tracking for Immersive Training and Maintenance Applications, Mitacs

Develop a machine learn project for 3D recognition, Nova Scotia Business Inc.



Nicole Conrad - Psychology



Spelling matters too! The role of spelling practice in the development of reading skill, Social Sciences and Humanities Research Council, Insight Grant



Arla Day - Psychology



*Gender Equality Research, Women and Gender Equality
Canada (WAGE)*



Mark Fleming – Psychology



Development and initial testing of real estate agent professionalism climate survey, Social Sciences and Humanities Research Council, Partnership Engage

Identifying leading safety culture improvement practices to drive innovation to assist in the prevention of workplace injuries, Emera

Mark Fleming – Psychology

Mitacs

- *Investigating the development and refinement of in-store community pharmacy safety practices derived from error-reporting and related incident data*
- *Daily Question Assessment Methodology: The Development and Validation of Industrial-Organizational Constructs and Methodologies for Business Intelligence Application*
- *Identifying leading safety culture improvement practices to drive innovation to assist in the prevention of workplace injuries*



Debra Gilin - Psychology



Mitacs

- *Setup for Success: Improving pathways for talent retention*
- *Intervening to improve burnout among front-line care workers during Covid-19*



Camilla Holmvall - Psychology



*Examining how workplace incivility impacts leader well-being:
The moderating role of leader gender, Social Sciences and
Humanities Research Council, Insight Grant*



Kevin Kelloway - Psychology



Canada Research Chair, *Occupational Health*, Social Sciences and Humanities Research Council

When Dark Meets Dark: Experienced aggression and the Dark Tetrad, Social Sciences and Humanities Research Council, Insight Grant

Workplace Resilience Training: Evaluating the impact of the Be Fit at Work program on individual and organizational outcomes, Mitacs

Nicolas Roulin - Psychology



Innovations in Interviewing: Foundational Research Exploring Asynchronous Video Interviews, Social Sciences and Humanities Research Council, Insight Grant



Steven Smith – Psychology/Associate Vice President Academic & Enrolment Management



Enhancing Student Success via a Personalized Mobile Application, Social Sciences and Humanities Research Council, Partnership Engage Grant

Sustainable Procurement Behavioural Insights, Service Nova Scotia and Internal Services

Mitacs

- *Building a Mobile Platform to Identify Factors that Impact Student Success and Mental Health Related to Their Living Arrangements*
- *Using a mobile application to support at-risk student re-entry into post secondary education in the area of COVID-19*

Skye Stephens - Psychology



Secondary Prevention of Child Sexual Abuse, Centre for
Addiction and Mental Health



Marguerite (Meg) Ternes – Psychology



Lie Detection in the criminal justice system: Exploring deception clues in field and laboratory studies, Social Sciences and Humanities Research Council, Insight Grant

Impact Evaluation and Developmental Evaluation Planning with a Community-Based Not-for-Profit Organisation Focussed on poverty, Mitacs

What Works in Community Corrections for Canadian Federal Offenders? Public Safety Canada





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University**