

College of Education

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| Glen Aikenhead | Department: | Curriculum Studies |
| | Research Interests: | cross-cultural science education |
| | Example of Sustainability-Related Work: | Enhancing School Science with Indigenous Knowledge: What We Know from Teachers and Research (2014), Developed by the Saskatoon Public School Division, Saskatoon, Saskatchewan, Canada. |

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| Jeff Baker | Department: | Curriculum Studies |
| | Affiliations: | Aboriginal Education Research Centre |
| | Other: | Chair in Aboriginal Education |
| | Research Interests: | the transformative possibilities of Indigenous Science Education for catalyzing more equitable and sustainable ways of living |
| | Example of Sustainability-Related Work: | |

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| Geraldine Balzer | Department: | Curriculum Studies |
| | Research Interests: | teacher education, secondary school English language arts, Aboriginal education, decolonization, transformative education, curriculum, and service learning, pedagogy of social justice teaching |
| | Example of Sustainability-Related Work: | |

College of Education

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| Marie Battiste | Department: | Educational Foundations |
| | Research Interests: | Aboriginal life long learning, decolonizing and indigenizing the Academy, violence prevention and anti-bullying in schools, ethnographic and historical studies of Indigenous education, nourishing the learning spirit, renewal and reconstruction of Aboriginal peoples' language and culture, research and ethics involving indigenous peoples, Aboriginal teachers' experiences in Saskatchewan public schools, retention and access of university of Aboriginal graduate students |
| | Example of Sustainability-Related Work: | Resilience and resolution: Mi'kmaw education and the treaty implementation. In M. Battiste (Ed.), <i>Living Treaties: Narrating Mi'kmaw Treaty Relations</i> (pp.259-278). Sydney, NS: Cape Breton University Press. |

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| Michael Cottrell | Department: | Educational Administration |
| | Research Interests: | Native-Newcomer relations, indigenous education, international and comparative education, educational leadership. |
| | Example of Sustainability-Related Work: | Exploring Culturally Responsive School Governance for Aboriginal Students Success in Saskatoon, UAKN Grant with the Saskatoon Tribal Council, 2014-2016 |

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| Ranjan Datta | Department: | |
| | Research Interests: | gardening, social and environmental action, intersubjective involvement between humans and other species |
| | Example of Sustainability-Related Work: | Researching three different gardening sites to examine in what ways the people are intersubjectively involved with one another and other species. |

College of Education

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| Karla Jessen Williamson | Department: | Educational Foundations |
| | Research Interests: | discourses on epistemologies, cross-culturality, multiculturalism, world views - especially Inuit, gender relations, resilience and Aboriginal peoples, Aboriginal higher learning, Arctic peoples and governance |
| | Example of Sustainability-Related Work: | "Inuit Ways of Knowing: Cosmocentrism and the Role of Teasing in Child Development" chapter three in Ethological Case Study: Social conflict and the acquisition and expression of conditioned defeat. Cambridge University Press. Co-authored with Laurence J. Kirmayer. |
| Margaret Kovach | Department: | Educational Foundations, Educational Administration |
| | Research Interests: | Indigenous curriculum development, Indigenous research methodologies, Indigenous higher learning, distance education, and adult education |
| | Example of Sustainability-Related Work: | Kovach, M., (October 23, 2014). Indigenous presence in post-secondary sites: Envisioning and experiencing Indigenous knowledges. Indigenous Education Week, Laurentian University, Sudbury, On. Thursday, October 23, 2014 |
| Gail MacKay | Department: | Curriculum Studies |
| | Research Interests: | Indigenous rhetorics, Indigenous languages and literacy, Indigenous literature, visual literacy, Indigenizing the curriculum, culturally revitalizing pedagogy, teacher education, community engagement, teacher collaboration, action research |
| | Example of Sustainability-Related Work: | "Indigenizing the Curriculum is More about How than What to Teach," Wâhkôhtowin Indigenizing Practice in Post Secondary Education: Linking Kindred Spirits, University of Saskatchewan, Saskatoon, September 19, 2014. |

College of Education

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| Marcia McKenzie | Department: | Educational Foundations |
| | Affiliations: | Sustainability Education Research Institute, School of Environment & Sustainability, GIWS |
| | Research Interests: | environment and critical education, youth identity and place, politics of social science research, education policy and practice, sustainability, social justice, globalization and critical issues |
| | Example of Sustainability-Related Work: | Vaughter, P., Wright, T., McKenzie, M., & Lidstone, L. (2013). Greening the ivory tower: A review of research on sustainability in post-secondary education. <i>Sustainability</i> , 5, 2252-2271. |
| Janet McVittie | Department: | Educational Foundations |
| | Research Interests: | assessment, sustainability, place-based education, inquiry |
| | Example of Sustainability-Related Work: | Researching in what ways teachers, teacher educators, and informal groups are applying and/or teaching sustainability; researching the process for building a naturalized space for early learners to learn about First Nations and Metis peoples and about “nature”. |
| Dianne Miller | Department: | Educational Foundations |
| | Research Interests: | history of women & education, land- and place-based pedagogies, poetry, history of teaching, school and community gardens, food in schools |
| | Example of Sustainability-Related Work: | Researching faculties of education in Canada to determine in what ways place is considered as a component of teacher education. This research will provide background information for supporting faculties of education in preparing teachers who will take up sustainability challenges in those places they find themselves teaching. |

College of Education

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| Tim Molnar | Department: | Curriculum Studies |
| | Research Interests: | transformative/ meaningful learning in science education, nature of science, philosophies of place & nature, ethics & responsibility, teacher education |
| | Example of Sustainability-Related Work: | |

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| Janet Okoko | Department: | Educational Administration |
| | Research Interests: | school leadership preparation and development, socially empowered learning, monitoring and evaluation of educational programs, immigrants and minority education |
| | Example of Sustainability-Related Work: | Gender Responsive Pedagogy, Kenya Equity in Education Project (KEEP); school leadership preparation and the experiences of school principals with immigrants from war affected countries in Africa |

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| Paul Orlowski | Department: | Educational Foundations |
| | Research Interests: | poverty, racism, media, democracy, social justice |
| | Example of Sustainability-Related Work: | Orlowski, P. & Cottrell, M. (2015). Schooling on the Canadian prairies: Aboriginal peoples and the quest for social justice through treaty education |

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| Robert Regnier | Department: | Educational Foundations |
| | Research Interests: | philosophy of education, process teaching and learning, ecological education, learning as valuing, teaching and learning at university |
| | Example of Sustainability-Related Work: | Regnier, R. H. (2009) "Education for Sustainable Development Through Learning as Valuing," Tattva: A Journal of Philosophy, Christ University |

College of Education

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| Verna St. Denis | Department: | Educational Foundations |
| | Research Interests: | teaching lives of Indigenous teachers, anti-colonial, critical race theory, anti-oppressive teacher education, associations and collaborations between western theories, Indigenous education |
| | Example of Sustainability-Related Work: | St. Denis, V. (2011). Silencing Aboriginal curricular content and perspectives: "There are other children here." Review of education, pedagogy, and cultural studies, 33(4), pp. 306-317. |

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| Dawn Wallin | Department: | Educational Administration |
| | Research Interests: | educational administration and leadership, rural education, gender issues in education |
| | Example of Sustainability-Related Work: | Wallin, D., & Peden, S. (2014, Spring). Touring turtle island: Fostering leadership capacity to support First Nations, Metis and Inuit learners. In Education (Special Issue, Part 2: Indigenous Education), 19(3), 47-68. |

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| Alex Wilson | Department: | Educational Foundations |
| | Affiliations: | Aboriginal Education Research Centre, SERI |
| | Research Interests: | indigenous research methodology, two spirit identity and indigenous feminisms, indigenous people and homelessness, land-based education, food sovereignty, anti-oppressive education, social justice, social movements |
| | Example of Sustainability-Related Work: | A scoping study of two spirit people, homelessness and access to services in urban centres in Saskatchewan and beyond |

College of Education

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| Howard Woodhouse | Department: | Educational Foundations |
| | Research Interests: | academic freedom and university autonomy, global and international education, the teacher-scholar, history and philosophy of education, process philosophy, sustainability |
| | Example of Sustainability-Related Work: | In Search of Sustainability: Place-based Education in Theory and Practice, to be Presented at Network 30: “Environmental and Sustainability Education” European Conference on Educational Research |

College of Engineering

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| Shafiq Alam | Department: | Chemical and Biological Engineering |
| | Research Interests: | solid waste spent catalyst recovery from "come by chance" refinery plant in Newfoundland, application of bio-adsorbents to improve the gold recovery process, recycling of electronic waste (Harris Centre - MMSB Waste Management Fund), production of adsorbents from marine biomass wastes for the mining / metallurgical industries |
| | Example of Sustainability-Related Work: | M. Gurung, B.B. Adhikari, X. Gao, S. Alam and K. Inoue, "Sustainability in the Metallurgical Industry: Chemically Modified Cellulose for Selective Biosorption of Gold from Mixtures of Base Metals in Chloride Media", <i>Industrial & Engineering Chemistry Research</i> , 53(20), 8565-8576 (2014). |
| Oon-Doo Baik | Department: | Chemical and Biological Engineering |
| | Research Interests: | optimization of food and bio-processes, climate variability adaptation, sustainable livelihood of small farming communities |
| | Example of Sustainability-Related Work: | Strengthening rural African communities to adapt to climate variability Ultrasound-assisted extraction (UAE) of polysaccharide from dried biomass of <i>Sargassum muticum</i> |
| Lee Barbour | Department: | Civil and Geological Engineering |
| | Research Interests: | sustainable development of natural resources, groundwater and hydrogeology, geotechnical/geo-environmental: saturated/unsaturated groundwater flow and contaminant transport, mine waste reclamation |
| | Example of Sustainability-Related Work: | Dobchuk, B.S., Shurniak, R.E., Barbour, S., O'Kane, M.A. and Song, Q. (2012). Long-term monitoring and modelling of a reclaimed watershed cover on oil sands tailings, <i>International Journal of Mining, Reclamation and Environment</i> , 1, 1-22. |

College of Engineering

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| Won Jae Chang | Department: | Civil and Geological Engineering |
| | Affiliations: | GIWS |
| | Research Interests: | contaminated site assessment and remediation, bioremediation, oil sands pollutants, mine wastes, frozen contaminated sites, characterization of microbial communities/populations, remediation of salinized groundwater and mining-impacted sites, bioremediation of petroleum hydrocarbon-contaminated soils under environmentally challenging conditions (cold and/or saline environments), industrial waste recycling, pollutant-utilizing microbial populations, and engineered geomaterials for site remediation |
| Example of Sustainability-Related Work: | Development of field-scale extended bioremediation systems for hydrocarbon-contaminated soils under seasonal freeze-thaw conditions | |

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| Tony Chung | Department: | Electrical and Computer Engineering |
| | Research Interests: | smart grid and renewable energy, power system stability and control, power system planning and operation, applications of advanced optimization techniques in power systems, power market, energy storage systems, electric vehicle charging |
| | Example of Sustainability-Related Work: | N.Z. Xu and C.Y. Chung, "Reliability Evaluation of Distribution Systems Including Vehicle-to-Home and Vehicle-to-Grid", IEEE Trans. on Power Systems, Vol. 31, Issue 1, January 2016, pp. 759-768. |

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| Duncan Cree | Department: | Mechanical Engineering |
| | Research Interests: | understanding the mechanical behavior of engineering materials, novel, sustainable materials such as natural fibre/bio-resin composites |
| | Example of Sustainability-Related Work: | D. Cree, A. Rutter. (2015). Sustainable bio-inspired limestone eggshell powder for potential industrialized applications. ACS Sustainable Chemistry & Engineering, 3(5) 941-949. |

College of Engineering

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| Ajay Dalai | Department: | Chemical and Biological Engineering |
| | Affiliations: | GIWS |
| | Other: | Canada Research Chair in Bio-engineering and Environmentally Friendly Chemical Processing |
| | Research Interests: | renewable energy, heavy oil and gas processing, catalytic reaction engineering |
| | Example of Sustainability-Related Work: | Activated Carbon Production and Applications for CO ₂ Capture from Flue Gases in Power Plants |

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| Amin Elshorbagy | Department: | Civil and Geological Engineering |
| | Research Interests: | water resources engineering, sustainability-oriented water resource allocation, planning, and management, flood modeling and inundation mapping, impact of climate change on water resources infrastructure, urban hydrology |
| | Example of Sustainability-Related Work: | An integrated Salt/Water Balance Model for Sodic/Saline Overburden from Oilsands Mining |

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| Richard Evitts | Department: | Chemical and Biological Engineering |
| | Research Interests: | energy and chemicals from biomass, environmental impact of coal fired powerplants, corrosion of smart alloys, fuel cells |
| | Example of Sustainability-Related Work: | Biological Fuel Cell Development; Environmental Impact of Coal Fired Powerplants |

College of Engineering

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| Sherif Faried | Department: | Electrical and Computer Engineering |
| | Research Interests: | power system dynamics, power system analysis, power system protection, enhancement of power system dynamics using Flexible AC Transmission Systems (FACTS) and renewable energy |
| | Example of Sustainability-Related Work: | Faried, S.O., Unal, I., Rai, D., and Mahseredjian, J. (2013). Utilizing DFIG-Based Wind Farms for Damping Subsynchronous Resonance in Nearby Turbine-Generators, IEEE Transactions on Power Systems, 28(1), pp. 452-459. |

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| Grant Ferguson | Department: | Civil and Geological Engineering |
| | Affiliations: | GIWS |
| | Research Interests: | geothermal energy development in Saskatchewan, hydrogeology of cold regions, uncertainty, risk and data worth in geothermal energy developments, vulnerability of coastal aquifers to climate change |
| | Example of Sustainability-Related Work: | Haehnlein, S., Bayer, P., Ferguson, G., Blum, P. 2013. Sustainability and policy for the thermal use of shallow geothermal energy, Energy Policy. 59: 914-925. |

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| Ian Fleming | Department: | Civil and Geological Engineering |
| | Research Interests: | geotechnical and geoenvironmental engineering, geosynthetics, landfill engineering, waste strength and stability |
| | Example of Sustainability-Related Work: | |

College of Engineering

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| Terrance Fonstad | Department: | Civil and Geological Engineering |
| | Research Interests: | waste management and utilization, surface water and ground water protection and development, ion exchange in reactive groundwater transport, intensive livestock facility planning and development |
| | Example of Sustainability-Related Work: | |

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| Ramakrishna Gokaraju | Department: | Electrical and Computer Engineering |
| | Research Interests: | smart grids (PMU based solutions for wide area protection, control & transient stability protection), real time power systems simulations, modeling of wind generator & PV systems, and interrelated phenomenon related to generator protection & control |
| | Example of Sustainability-Related Work: | Chandrasekar, S. and Gokaraju, R. (2015). Dynamic Phasor Modeling of Type 3 DFIG Wind Generators (including SSCI Phenomenon) for Short Circuit Calculations, IEEE Transaction on Power Delivery, April 2015. pp 887-897, IEEE XPLore: http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6939685 . |

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| Huiqing Guo | Department: | Mechanical Engineering |
| | Research Interests: | HVAC, Air quality control, environmental control for agricultural buildings, air emissions and dispersion monitoring and modelling |
| | Example of Sustainability-Related Work: | Yu, Z., Guo, H. and Lague, C. (2013). Sensitivity analysis of a livestock odour dispersion model (LODM) to input parameters: Part II, meteorological parameters, Canadian Biosystems Engineering |

College of Engineering

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| Warren Helgason | Department: | Civil and Geological Engineering |
| | Affiliations: | GIWS |
| | Research Interests: | climate change and water security |
| | Example of Sustainability-Related Work: | Helgason, W. and Pomeroy, J. (2012). Problems closing the energy balance over a homogeneous snow cover during midwinter, <i>Journal of Hydrometeorology</i> , 13(April), 557-572. |

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| Rajesh Karki | Department: | Electrical and Computer Engineering |
| | Research Interests: | power system reliability, power system analysis, renewable energy |
| | Example of Sustainability-Related Work: | Reliability/Cost Evaluation of Modern Power Systems Incorporating Renewable Energy Sources |

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| Kerry Mazurek | Department: | Civil and Geological Engineering |
| | Research Interests: | assessment and mitigation of drowning hazards below low-head dams, modelling of water quality in prairie watersheds, development of a new stormwater detention pond to improve water quality and sediment retention, prediction of scour and erosion in fine-grained soils |
| | Example of Sustainability-Related Work: | Co-Investigator, The Healthy River Ecosystem Assessment System (THREATS) for Saskatchewan, Province of Saskatchewan |

College of Engineering

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| Venkatesh Meda | Department: | Chemical and Biological Engineering |
| | Affiliations: | GIWS |
| | Research Interests: | water treatment system design and development, electro-technologies (microwave,UV) including membranes, electro-chemical for waste water treatment, sensing and processing applications, waste reduction/management, food quality, safety and security, dielectric studies for fingerprinting |

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| Kerry McPhedran | Department: | Civil and Geological Engineering |
| | Affiliations: | GIWS |
| | Research Interests: | Municipal wastewater, partitioning to organic matter, stormwater runoff, recreational water quality, drinking water |
| | Example of Sustainability-Related Work: | |

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| Mehdi Nemati | Department: | Chemical and Biological Engineering |
| | Affiliations: | SENS |
| | Research Interests: | environmental bioengineering, biotechnology for remediation of soils and water, integrated chemical and biological approach to the treatment of complex organic compounds, bioremediation in microbial fuel cells |
| | Example of Sustainability-Related Work: | Treatment of organic wastewaters in microbial fuel cell bioreactors |

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| Catherine Niu | Department: | Chemical Engineering |
| | Affiliations: | SENS |
| | Research Interests: | adsorption modelling, biosorption, water/wastewater treatment, adsorption kinetics and equilibrium |
| | Example of Sustainability-Related Work: | Drying Fuel Alcohols and Natural Gas with Biosorbents Based on Agricultural By-products |

College of Engineering

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| Jian Peng | Department: | Civil and Geological Engineering |
| | Research Interests: | environmental engineering, water and wastewater treatment, adsorption removal of phosphorus, mathematical modeling, water pollution control |
| | Example of Sustainability-Related Work: | |

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| Aaron Phoenix | Department: | Chemical and Biological Engineering |
| | Research Interests: | biomass torrefaction and gasification for production of electricity and liquid fuels, modeling phase and reaction equilibria, modeling of proton exchange membrane fuel cells, computational methods |
| | Example of Sustainability-Related Work: | |

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| Bernardo Predicala | Department: | Chemical and Biological Engineering |
| | Research Interests: | environmental sustainability issues associated with swine production, optimization of physical environment in swine production, Improvement in indoor air quality and reduction of odour and gaseous emissions from pig barns |
| | Example of Sustainability-Related Work: | |

College of Engineering

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| Jafar Soltan | Department: | Chemical and Biological Engineering |
| | Affiliations: | SENS, GIWS |
| | Research Interests: | environmental engineering, environmental catalysis, treatment of polluted air, wastewater treatment, emerging pollutants in water |
| | Example of Sustainability-Related Work: | Application of ultrasound in decomposition of toxic chemicals in water |

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| Jerzy Szpunar | Department: | Mechanical Engineering |
| | Research Interests: | deformation and recrystallization processes in metals, structure and properties of thin films, electronic interconnects, high temperature oxidation and corrosion, synergy of wear, erosion and corrosion, applications of X-ray and neutron diffraction techniques, hydrogen ingress into nuclear materials, intergranular fractures, special properties of nanocrystalline materials, extraction and purification of hydrogen for environmentally friendly energy generation |
| | Example of Sustainability-Related Work: | Principal Investigator, Canada-India collaboration: Nuclear Materials and Science |

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| Lope Tabil | Department: | Chemical and Biological Engineering |
| | Research Interests: | value-added processing of agricultural materials, storage and drying of agricultural crops, biomass logistics, pre-processing and densification, pre-processing and densification of biomass for the biorefinery and conversion of lignocellulosic waste into bioproducts, biocomposites and biomaterials, bioenergy and biofuels. |
| | Example of Sustainability-Related Work: | Principal Investigator, Harvest and Post Harvest Densification of Biomass, BioFuelNet |

College of Engineering

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| Hui Wang | Department: | Chemical and Biological Engineering |
| | Research Interests: | heterogeneous catalysi, reaction engineering, separation engineering, sulphur removal, hydrogen production, sustainable development (carbon capture and utilization, hydrogen sulfide to hydrogen) |
| | Example of Sustainability-Related Work: | Principal Investigator, Atomically Precise Catalysis Studies with CLS Synchrotron for Sustainable, Efficient & Environmentally-Friendly Chemical Processes |

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| Lifeng Zhang | Department: | Chemical and Biological Engineering |
| | Research Interests: | fluidization and multiphase flow systems, clean energy and sustainability, reaction engineering, electrostatics in particulate system handling |
| | Example of Sustainability-Related Work: | Principal investigator, Multiphase flows towards green energy and sustainability |

College of Arts & Science

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| Avi Akkerman | Department: | Geography & Planning |
| | Research Interests: | phenomenology of the built environment, urban design and city-form, demography and management of growth, planning and development |
| | Example of Sustainability-Related Work: | 2016. Phenomenology of the Winter-City: Myth in the Rise and Decline of Built Environments. New York: Springer |

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| Jose Andres | Department: | Biology |
| | Research Interests: | evolutionary biology, evolutionary genetics, genetic basis of reproductive isolation and adaptation, origins of species and how organisms adapt to their environment |
| | Example of Sustainability-Related Work: | Evolutionary responses to biotic invasions, aposematism in poison dart frogs, reproductive isolation in field crickets |

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| Bonita Beatty | Department: | Indigenous Studies |
| | Research Interests: | indigenous governance, indigenous public policy, health and capacity building among Aboriginal populations in northern Saskatchewan, community engagement in northern Saskatchewan |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|-----------------------|---|--|
| Loleen Berdahl | Department: | Political Studies |
| | Affiliations: | Johnson-Shoyama Graduate School of Public Policy |
| | Research Interests: | public policy, public opinions regarding Canadian political issues, federalism and regionalism, the use of Aboriginal symbols and the engagement of Aboriginal peoples in municipal policy and planning in the Canadian prairies |
| | Example of Sustainability-Related Work: | Bell, S., L. Berdahl and M. Bourassa. "Nuclear Industry Policy Research Unit (NIPRU): Understanding Individual and Corporate Opinions of Nuclear Industry Issues." Canadian Centre for Nuclear Innovation. January 2013-June 2014. |

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| Lynne Bell | Department: | Art & Art History |
| | Research Interests: | contemporary Canadian visual culture, decolonizing Canadian education, 19th Century visual culture, colonial and postcolonial history |
| | Example of Sustainability-Related Work: | Decolonizing Education in Canadian Universities: An Interdisciplinary Indigenous Research Project |

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| Scott Bell | Department: | Geography & Planning |
| | Affiliations: | SERI |
| | Research Interests: | Health geography, GIS, human spacial cognition, wayfinding and navigation, cartography |
| | Example of Sustainability-Related Work: | A Sizo, B Noble and S Bell. 2015. Futures analysis of urban land use and wetland change in Saskatoon, Canada: An application in strategic environmental assessment, Sustainability 7 (1), 811-830. |

College of Arts & Science

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| Jill Blakley | Department: | Geography & Planning |
| | Affiliations: | SENS |
| | Research Interests: | cumulative effects assessment, strategic environmental assessment, regional environmental management frameworks, urban planning, public life studies |
| | Example of Sustainability-Related Work: | "Uncertainty research in environmental assessment: A state-of-the-art review and agenda for research and development." Environmental Impact Assessment Review, 2015. |

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| Adam Bourrassa | Department: | Physics and Engineering Physics |
| | Research Interests: | development of satellite based remote sensing measurement and inversion techniques to probe the atmosphere globally, understanding the radiative and chemical effects of aerosols in long term atmospheric trends related to the Earth's climate system |
| | Example of Sustainability-Related Work: | |

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| Carolyn Brooks | Department: | Sociology |
| | Research Interests: | First Nations youth resilience, visual sociology, photovoice and arts based methods, women in conflict with the law, globalization and the politics of punishment, intimate partner violence, crime prevention and restorative justice, aboriginal women's health, community-based research |
| | Example of Sustainability-Related Work: | Sitosskatowin: Youth and Community Perspectives on Crime, Justice Initiatives, and Community Well-being |

College of Arts & Science

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|---------------------------|---|---|
| Joel Bruneau | Department: | Economics |
| | Affiliations: | JSGS |
| | Research Interests: | International Trade , Environmental Economics , Resource Economics , Water Resource Economics , Industrial Structure, International Competitiveness issues around Climate Change Policies, Water valuation studies, Economic Development, Industrial Composition, and Pollution Intensity |
| | Example of Sustainability-Related Work: | Joel Bruneau, Diane Dupont and Steven Renzetti (2013): “Economic Instruments, Innovation, and Efficient Water Use”, Canadian Public Policy 39(s2) 11-22. |
| Nicolas Brunet | Department: | Geography & Planning |
| | Research Interests: | northern development and planning, social ecological systems, scientific partnership development and communication, mixed methods research (quant-qual), research policy and policy networks, arctic town planning and design, adaptation to climate change |
| | Example of Sustainability-Related Work: | Nicolas D. Brunet, Gordon M. Hickey and Murray M. Humphries. (2016). Local participation and partnership development in Canada's Arctic research: Challenges and opportunities in an age of empowerment and self-determination. Polar Record. 52(3) |
| Keith Thor Carlson | Department: | History |
| | Research Interests: | indigenous history, community engagement, Coast Salish ethnohistory, North American west & North American Pacific slope, Hukbalahap Philippine history, Digital Humanities |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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| Real Carriere | Department: | Indigenous Studies |
| | Research Interests: | indigenous governances, indigenous knowledges, indigenous methodologies, public administration, policy analysis, indigenous philosophies, land-based education |
| | Example of Sustainability-Related Work: | 2016 May 18-21. North American and Indigenous Studies Association Annual Meeting, Honolulu, Hawaii. Paper Presentation. Rediscovering the Path: Decolonizing Indigenous Governance. |

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| Neil Chilton | Department: | Biology |
| | Research Interests: | bacterial communities of ticks, tick ecology, evolution and population genetics, population genetics of parasitic insects (fleas and bedbugs), molecular systematics of parasitic nematodes, tick and tick-borne disease surveillance |
| | Example of Sustainability-Related Work: | Ecology, evolution and population genetics of ixodid ticks |

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| Bob Clark | Department: | Biology |
| | Affiliations: | GIWS |
| | Research Interests: | Avian Ecology, Reproduction and breeding habitat selection, Landscape ecology |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|---------------------|---|---|
| Jim Clifford | Department: | History |
| | Research Interests: | environmental consequences of the history of global economic integration in the long-19 th century, including environmental history of Greater London, industry, global commodities (London’s leather industry’s global supply networks), extractive industries, plantations and agriculture, European colonization and the movement commercial plants and animals. |
| | Example of Sustainability-Related Work: | London’s Ghost Acres, 1850-1919: explores the environmental consequences of the expanding global commodity network that developed to supply London’s industrial economy during the second half of the nineteenth century |

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| Geoff Cunfer | Department: | History |
| | Research Interests: | environmental history, Great Plains history, historical acro-ecology, historical GIS, socio-ecological metabolism, history, digital humanities |
| | Example of Sustainability-Related Work: | E. Galan, R. Padro, I. Marco, E. Tello, G. Cunfer, G.I. Guzman, M. Gonzalez de Molina, F. Krausmann, S. Gingrich, V. Sacristan, D. Moreno-Delgado, “Widening the Analysis of Energy Return on Investment (EROI) in Agro-Ecosystems: Socio-Ecological Transitions to Industrialized Farm Systems (the Valles County, Catalonia, c.1860 and 1999),” Ecological Modelling 336 (2016): 13-25. |

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| Kalowatie Deonandan | Department: | Political Studies |
| | Affiliations: | JSGS |
| | Research Interests: | Mining and Development in Latin America , Women and Mining , Women and Nuclear , Resource development in Latin America , Canadian foreign policy , The promotion of Canada's resource industries overseas |
| | Example of Sustainability-Related Work: | Kalowatie Deonandan (PI), “Women, Resistance and Mining in Guatemala.” SSHRC Insight Development Grant, 2016-18 |

College of Arts & Science

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| Colleen Ann Dell | Department: | Sociology |
| | Affiliations: | One Health |
| | Research Interests: | substance use, misuse and addictions, mental health, animal assisted interventions, gender, One Health, wellness & healing, harm reduction, campus prevention initiatives, criminalized women and drug using populations, aboriginal health, human-animal bond |
| | Example of Sustainability-Related Work: | D. Chalmers & C. Dell. 2015. "Applying One Health to the Study of Animal Assisted Interventions". EcoHealth Journal. PMID:26063040 |

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| Pamela Downe | Department: | Archaeology & Anthropology |
| | Research Interests: | HIV/AIDS community-based research, Motherhood, Maternal Care, and Maternal Health, Syndemics, epidemics, and pandemics, Policy analysis, Gender, health, and chronic pain |
| | Example of Sustainability-Related Work: | Downe, Pamela J. (2014). Intersecting sites of violence in the lives of Aboriginal girls in Canada. In H. Berman & Y. Jiwani (Eds.), Faces of Violence in the Lives of Girls (pp. 25-40). London: Althouse Press. |

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| Patience Elabor-Idemudia | Department: | Sociology |
| | Research Interests: | immigration, migration and human trafficking, international development/Third World Development, Third World Women and gender issues, transnationalism, gender and food security |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|------------------------|---|--|
| Alexander Ervin | Department: | Archaeology & Anthropology |
| | Research Interests: | Climate change, financial collapse of global capitalism, energy crises surrounding hydrocarbon fuel, localization, globalization |
| | Example of Sustainability-Related Work: | Cultural Transformations and Globalization: Theory, Development, and Social Change. New York, NY: Routledge. 2015. |

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|--------------------|---|--|
| Len Findlay | Department: | English |
| | Research Interests: | critical theory, disciplinary history and cultural studies, 19th Century European literature and culture, eco-criticism, decolonizing education |
| | Example of Sustainability-Related Work: | The Long March to Recognition: Sakej Henderson, First Nations Jurisprudence, and Sui Generis Solidarity.” In Shifting the Ground of Literature in Canada: Nation-State, indigeneity, Culture. Ed. Robert Zacharias and Smaro Kamboureli. Waterloo: Wilfred Laurier UP, forthcoming. 22pp. typed. Publication confirmed May 20, 2011. |

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|----------------------|---|--|
| Graham Fowler | Department: | Art & Art History |
| | Research Interests: | nature and landscape in untouched natural states and constructed park sites, sensation of nature as a subject matter, social construction of nature, representation of the aquatic world, analysis of light and colour |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|----------------------|---|---|
| Joseph Garcea | Department: | Political Studies |
| | Affiliations: | JSGS |
| | Research Interests: | local governance, intergovernmental relations, citizenship, immigration and integration, interculturalism and multiculturalism, Aboriginal policies and politics, public-private partnerships, multi-level governance |
| | Example of Sustainability-Related Work: | |

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|------------------------|---|--|
| Michael Gertler | Department: | Sociology |
| | Affiliations: | SENS, CSC |
| | Research Interests: | organizational innovations that support agricultural diversification, agricultural co-operatives, social ecology of sustainable resource use, sustainable rural communities, development studies |
| | Example of Sustainability-Related Work: | |

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|-------------------------|---|--|
| Donald Gilchrist | Department: | Economics |
| | Affiliations: | JSGS |
| | Research Interests: | regional economic structure , urban economics , public economics |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|----------------------|---|---|
| Allyson Glenn | Department: | Art & Art History |
| | Research Interests: | portraiture and human form, impressionism, realism and abstract expressionism, humanism, social psychology, and sociology, social intimacy, emotion, isolation, identity, human relationship to the environment |
| | Example of Sustainability-Related Work: | Series 2, Catalyst, is about an internal struggle. These works examine the psychological impact of oil contamination and the deeper meaning of how people relate with the environment. I first developed seven large-scale paintings for Catalyst and recently added four modest-size paintings to satisfy the dimensions of particular venues, which are either large or intimate. |

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| Jack Gray | Department: | Biology |
| | Research Interests: | neural control of animal behaviour, biologically-inspired algorithms for artificial systems, behavioural and neurophysiological aspects of adaptive insect flight, investigating interactions between an animal's external environment and its nervous system, effects of pesticides on neural function |
| | Example of Sustainability-Related Work: | |

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|------------------|---|--|
| Xulin Guo | Department: | Geography & Planning |
| | Research Interests: | remote sensing, climate change, grassland ecology, forest ecology, biogeochemical cycle |
| | Example of Sustainability-Related Work: | Z. Li and X. Guo. 2014. Topographic effects on vegetation biomass in semiarid mixed grassland under climate change using AVHRR NDVI data. British Journal of Environment & Climate Change. 4(2):229-242. |

College of Arts & Science

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|---------------------|---------------------|--|
| Paul Hackett | Department: | Geography & Planning |
| | Affiliations: | Archaeology & Anthropology |
| | Research Interests: | history of Aboriginal health, particularly First Nations of Western Canada, changing public health of the Island Lake First Nations of northern Manitoba during the 20th C, diffusion of directly-transmitted, acute infectious diseases, history of tuberculosis among First Nations, impact of cultural change on community health |

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| Jim Handy | Department: | History |
| | Research Interests: | history of application of concepts of "progress" and "development" around the world, justice and community in Guatemala, environmental history in Central America, food sovereignty, cotton cultivation and environmental destruction |
| | Example of Sustainability-Related Work: | "Food Security, Food Sovereignty: Markets and Dispossession" in <i>Controversies in Science and Technology</i> Vol. 4 (Oxford University Press, 2014) (with Annette Aurelie Desmarais) |

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|-----------------------|---|--|
| John G. Hansen | Department: | Sociology |
| | Research Interests: | sociology, indigenous culture, indigenous justice, restorative justice, crime, society, indigenous education, addictions recovery |
| | Example of Sustainability-Related Work: | Hansen, J. (2015) Indigenous-Settler Incarceration Disparities in Canada: How Tribal Justice Programming Helps Urban Indigenous Youth. <i>Indigenous Policy Journal</i> Vol.XXV, No. 3 (Winter 2015). Pages. 1-16. San Pedro, NE, Albuquerque, NM. http://www.indigenouspolicy.org/index.php/ipj/article/view/290/281 |

College of Arts & Science

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|----------------------|---|---|
| Carin Holroyd | Department: | Political Studies |
| | Research Interests: | national innovation policies and technological solutions to sustainability challenges, Japan's efforts to produce a "Green Economy," commercialization of science and technology with a focus on energy and conservation technologies |
| | Example of Sustainability-Related Work: | Green Japan: Science, Technology and Japan's Effort to Promote Green Growth |

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|-------------------|---|--|
| Jim Hendry | Department: | Geological Sciences |
| | Affiliations: | GIWS |
| | Other: | NSERC-Cameco Industrial Research Chair |
| | Research Interests: | aqueous and environmental geochemistry of contaminants in uranium tailings, characterization of biogeochemical reaction rates in vadose zones, fate and transport of solutes in aquitards, sorption controls on the transport of bacteria in saturated porous media, reactive barrier technologies |
| | Example of Sustainability-Related Work: | Impact of mining on the environment, hydrogeology, solute transport in aquifers and aquitards, agro-contaminants, gas chemistry |

College of Arts & Science

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|----------------------|---|---|
| Tasha Hubbard | Department: | English |
| | Research Interests: | recovering historic indigenous stories, indigenous creative representation of the Buffalo, indigenous children's experiences in history, treaty narratives, land use and conservation in the prairies |
| | Example of Sustainability-Related Work: | My work revolves around the health of my homelands. I engage with the notion that the wellness of the prairie region will not occur until buffalo are back on the land. As a keystone species, buffalo supports numerous species of plants and animals, many of which are endangered. As part of my work, I take direction from Elders and community to pursue projects that support the goal of the recovery of wild buffalo on the land and other ecological goals that are in keeping with Indigenous knowledge. |

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| Jeff Hudson | Department: | Biology |
| | Affiliations: | GIWS |
| | Research Interests: | sensitivity of Lake Diefenbaker to nutrients under a changing climate, effect of climate change/drought on prairie lake ecosystems, factors that affect the cycling efficiency of elements in food webs, water quality and lake and reservoir management |
| | Example of Sustainability-Related Work: | Abirhire, O., R. North, K. Hunter, D. Vandergucht, and J. Hudson. In Press. Do human activities affect phytoplankton biomass and composition in embayments on Lake Diefenbaker? <i>Freshwater Ecology</i> |

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|----------------------------|---|--|
| Christopher Hyrnkow | Department: | Religious Studies |
| | Research Interests: | cultural and social sustainability, religion and ecology, ecojustice, peace and social justice, nonviolent activism, catholic social teaching, ecological ethics, transformative learning, catholic studies, cross-cultural education, religion and politics, green living |
| | Example of Sustainability-Related Work: | Catholics, Socio-Ecological Ethics and Global Climate Change: Incarnations of Green Praxis, lead author with Dennis Patrick O'Hara in <i>Emergent Possibilities for Global Sustainability Intersections of Race, Class and Gender</i> , Routledge (2016), pp. 221-233. |

College of Arts & Science

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|-------------------------------|---|--|
| Robert Alexander Innes | Department: | Indigenous Studies |
| | Research Interests: | factors that lead to successful Aboriginal institutions, indigenous masculinities, contemporary kinship roles and responsibilities, ways in which indigenous knowledge can be incorporated in waste water management in indigenous communities |
| | Example of Sustainability-Related Work: | Innes, Robert Alexander, "Moose on the Loose: Indigenous Men, Violence, and the Colonial Excuse," <i>Aboriginal Policy Studies</i> 4, no 1 (2015): 46-56 |

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|-----------------------|---|---|
| Jill Johnstone | Department: | Biology |
| | Research Interests: | how disturbance processes may interact with climate change to drive future vegetation dynamics of boreal forest and tundra ecosystems, how changes in disturbance regimes, such as altered fire frequency and severity, likely to influence forest responses to directional climate change, effects of climate warming on plant regeneration and colonization processes after a disturbance has occurred, invasion of northern communities by southern species with warming climate, management of human disturbances |
| | Example of Sustainability-Related Work: | Roland, C. A., J. H. Schmidt, and J. F. Johnstone. 2014. Climate sensitivity of reproduction in a mast-seeding boreal conifer across its distributional range from lowland to treeline forests. <i>Oecologia</i> 174:665–677. |

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|----------------------|---|--|
| Timothy Kelly | Department: | Chemistry |
| | Research Interests: | emerging photovoltaic technologies: improving the efficiency and longevity of perovskite solar cells, the synthesis of new organic semiconductors, polymers and dyes, and the development of plasmon-enhanced solar cells through the use of anisotropic metal nanoparticles |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|---------------------|---|---|
| Jeffrey Lane | Department: | Biology |
| | Research Interests: | evolutionary ecology, physiological ecology, climate change, mammals, life history |
| | Example of Sustainability-Related Work: | Boutin, S. and J.E. Lane. 2014. Climate change and mammals: evolutionary versus plastic responses. <i>Evolutionary Applications</i> 7: 29-41. |

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|------------------------|---|---|
| Dennis Lehmkuhl | Department: | Biology |
| | Research Interests: | South Saskatchewan River, Diefenbaker Lake and Gardiner Dam, river pollution in Canada, river ecological systems, aquatic insects, particularly in prairie habitats |
| | Example of Sustainability-Related Work: | |

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|---------------------|---|--|
| Matt Lindsay | Department: | Geological Sciences |
| | Affiliations: | GIWS |
| | Research Interests: | Groundwater, biogeochemistry, mining, management, reclamation, surface waters |
| | Example of Sustainability-Related Work: | Lindsay, M.B.J., M.C. Moncur, J.G. Bain, J.L. Jambor, C.J. Ptacek and D.W. Blowes (2015) Geochemical and mineralogical aspects of sulfide mine tailings. <i>Applied Geochemistry</i> 57: 157-177. doi: 10.1016/j.apgeochem.2015.01.009 |

College of Arts & Science

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|---------------------|---|--|
| Marie Lovrod | Department: | Women's and Gender Studies |
| | Affiliations: | Interdisciplinary Centre for Culture and Creativity, English, Sociology |
| | Research Interests: | transnational feminisms, intergenerational trauma and resilience, feminist theory and methods, queer theory and methods, creative methodologies |
| | Example of Sustainability-Related Work: | land-based learning models that will support intergenerational and intercultural teachings regarding interspecies communication practices, with a view to reconciliation (with Dr. MJ Barrett from SENS, Dr. Lewis Williams from the Kinship Network, and with Indigenous Elders at One Arrow and Beardy's Okemesis First Nations) |

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|-----------------------|---|---|
| Lawrence Martz | Department: | Geography & Planning |
| | Affiliations: | GIWS |
| | Research Interests: | hydrology, geomorphology, hydrological and geomorphological modelling, geography, cartography |
| | Example of Sustainability-Related Work: | digital terrain analysis, watershed modeling |

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|---------------------|---|---|
| Joyce McBeth | Department: | Geological Sciences |
| | Research Interests: | geomicrobiology, geochemistry, synchrotron tools, mine waste, microbial mats, corrosion, redox transformations, bacteria, environmental microbiology and the cycling of iron, sulfur, toxic metals, and other elements in environments such as mine-impacted environments, uranium mine tailings, oil sands tailings, wastewater, hydrocarbon contaminated sites, constructed wetland treatment systems, salt marshes, and marine sediments |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|--------------------------------------|---|---|
| Philip Dunstan McLoughlin | Department: | Biology |
| | Research Interests: | how horses may be impacting vegetation and biodiversity, including endangered species like Roseate Terns, individual- and matrix-based models of populations with applications to theory, conservation, and management, population dynamics and critical habitat of woodland caribou living in the Boreal Shield region of Saskatchewan, disturbance impacts on caribou habitat and development of geospatial data on vegetation and disturbance for modelling wildlife-habitat relationships |
| | Example of Sustainability-Related Work: | Richard, E., S.E. Simpson, S.A. Medill, and P.D. McLoughlin. 2014. Interacting effects of age, density, and weather on survival and current reproduction for a large mammal. Ecology and Evolution (accepted August 5, 2014). |

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|------------------------|---|---|
| Mohamed Mohamed | Department: | Chemistry |
| | Affiliations: | GIWS |
| | Research Interests: | oil sands process water remediation, sequestration of agrochemicals from environmental waters, removal of organic pollutants from aqueous media |
| | Example of Sustainability-Related Work: | water filtration systems for domestic use and wastewater treatment technologies |

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|-------------------------|---|--|
| Melanie Morrison | Department: | Psychology |
| | Research Interests: | stereotyping, prejudice, discrimination/bias, inequalities, diversity and marginalized social groups, psychological wellness, social justice |
| | Example of Sustainability-Related Work: | Morrison, T.G., Morrison, M.A., & Borsa, T. (2014). A legacy of derogation: Prejudice toward Aboriginal persons in Canada. Psychology, 5, 1001-1010. |

College of Arts & Science

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|--------------------------|---|---|
| Christy Morrissey | Department: | Biology |
| | Affiliations: | SENS, GIWS |
| | Research Interests: | avian ecology and wildlife ecotoxicology, effect of pollution stressors on insects, birds and aquatic systems, understanding effects of chemicals on whole life cycle of birds, freshwater ecology and pollution, practices to improve sustainable and resilient agricultural ecosystems. |
| | Example of Sustainability-Related Work: | Effects of pesticides and land use on farmland and insectivorous birds |

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|---------------------|---|--|
| Sarah Nickel | Department: | Indigenous Studies |
| | Research Interests: | indigenous history, indigenous politics, gender, indigenous feminism, community research, oral history, ethnohistory, Western Canada |
| | Example of Sustainability-Related Work: | Nickel, S., with Madeline Knickerbocker, "Negotiating Sovereignty: Indigenous Perspectives on a Settler Colonial Constitution, 1975-1983" BC Studies no. 190 (Summer 2016): 67-88. |

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|-------------------|---|---|
| Som Niyogi | Department: | Biology |
| | Research Interests: | toxicology of metals and metal-mixtures in aquatic animals, development and validation of approaches/tools for risk assessments of metals in the aquatic ecosystems, assessment of population level effects of industrial metal pollution in the Canadian sub-Arctic & Arctic |
| | Example of Sustainability-Related Work: | S. Niyogi, T.A. Blewett, T. Gallagher, S. Fehsenfeld, C.M. Wood. 2016. Effects of salinity on short-term zinc uptake, accumulation and sub-lethal toxicity in the green shore crab (<i>Carcinus maenas</i>). Aquatic Toxicology (In press). |

College of Arts & Science

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|-------------------|---|---|
| Bram Noble | Department: | Geography & Planning |
| | Affiliations: | SENS |
| | Research Interests: | environmental assessment, environmental planning and management, mineral and energy resource development, environmental policy and decision making, cumulative effects assessment |
| | Example of Sustainability-Related Work: | Cumulative effects assessment and management for resource development regions and watersheds |

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|-----------------------|---|---|
| Robert Patrick | Department: | Geography & Planning |
| | Affiliations: | SENS, GIWS |
| | Research Interests: | source water protection planning, watershed planning, First Nations access to safe drinking water, water policy and governance, urban water issues, regional planning, integrated water resource planning, sustainable transportation, public transit, land-use planning, cycling routes and pathways |
| | Example of Sustainability-Related Work: | Water Governance in the Saskatchewan River Basin: A Preliminary Study. Journal of Rural and Community Development 9, 4 (2015) |

College of Arts & Science

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|-----------------------|---|--|
| Bill Patterson | Department: | Geological Sciences |
| | Research Interests: | Animal behavior, archaeology, aqueous geochemistry of modern marine and lacustrine environments, bat and bird ecology, biomineralization, carbon and oxygen isotope systematics in biotic and abiotic carbonate, carbonate diagenesis, chemical and isotopic evolution of seawater, climate dynamics, climate change, continental paleothermometry and life history determinations using the isotope values of marl, disease in history, fresh water and marine ecology, European and Celtic history, fish otoliths and molluscan carbonate, global hydrological systematics, limnology, mass extinctions, meteorology, micromilling and robotics, oceanography, speleothem paleoclimatology |
| | Example of Sustainability-Related Work: | |

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|-----------------------|---|---|
| Soledad Pedras | Department: | Chemistry |
| | Research Interests: | development of ecologically-based strategies to protect crops: discovery of novel plant defences and their biosynthetic pathways, detoxification of plant defences by plant pathogens, chemical synthesis and biological activity of plant metabolites, design and synthesis of paldoxins, discovery of phytotoxins produced by plant pathogens |
| | Example of Sustainability-Related Work: | Discovering Sustainable Plant Disease Treatments: In our group we are using bioorganic, biochemical and biological techniques to understand economically important diseases of crucifers, namely oilseeds such as canola, rapeseed, and mustard, vegetables such as rutabaga, broccoli, and turnip, and condiments such as radish and wasabi. In addition, a particular effort to discover wild species displaying unique defense pathways is underway. We are focusing on the interactions of these plants with significant fungal pathogens such as blackleg, black spot, root rot, stem rot, grey mould and white rust |

College of Arts & Science

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|--------------------------|---|--|
| Ingrid Pickering | Department: | Geological Sciences |
| | Affiliations: | GIWS |
| | Research Interests: | metals and metalloids transformation in the environment, identification of toxicologically significant compounds in vivo, new synchrotron radiation techniques |
| | Example of Sustainability-Related Work: | R. D. Foust, A.-M. Bauer, M. Costanza-Robinson, D. W. Blinn, R. C. Prince, I. J. Pickering and G. N. George. Arsenic transfer and biotransformation in a fully characterized freshwater food web. <i>Coordination Chemistry Reviews</i> , 306(2), 558-565 (2016) |
| John Pomeroy | Department: | Geography & Planning |
| | Affiliations: | GIWS |
| | Research Interests: | hydrological processes and modelling in mountain, prairie and arctic environments, climate change, hydrology and water resources, snow chemistry and ecology, droughts in the canadian prairies, cold regions hydrometeorological modelling and surface-atmosphere feedbacks |
| | Example of Sustainability-Related Work: | Rasouli, K, Pomeroy, J.W., Janowicz, J.R., Carey, S.K. and Williams, T.J (2014) Hydrological sensitivity of a northern mountain basin to climate change <i>Hydrological Processes</i> DOI: 10.1002/hyp.10244 |
| Jennifer Poudrier | Department: | Sociology |
| | Research Interests: | photovoice and body image perceptions, knowledge exchange through artwork, indigenous knowledge, indigenous health |
| | Example of Sustainability-Related Work: | Jennifer M. Shea, Jennifer Poudrier, Karen Chad, Bonnie Jeffery, Roanne Thomas, Kimberly Burnouf, "In their own words: First Nations girls' resilience as reflected through their understandings of health", <i>Pimatisiwin: A Journal of Aboriginal and Indigenous Community Health</i> , 11(1), 1-15, 2013 |

College of Arts & Science

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|---------------------|---|--|
| Sadeq Rahimi | Department: | Archaeology & Anthropology |
| | Research Interests: | challenges of integration for Muslim communities, cultural and political determinants of subjective experience of psychosis among Middle Eastern and Northern American individuals with schizophrenia, social and psychological aspects of collective identity, collective self-esteem, and racism, socio-political dimensions of healthcare services in the US, cultural dimensions of change |
| | Example of Sustainability-Related Work: | Cultural Competency Training as a Response to Radicalization Leading to Violence, 2012-2016, Department of Public Safety |

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|-------------------------|---|---|
| Priscilla Settee | Department: | Indigenous Studies |
| | Affiliations: | Women's and Gender Studies |
| | Research Interests: | indigenous foods, indigenous politics, social economies in indigenous communities, indigenous knowledge systems, protection of biodiversity, impact of globalization on indigenous peoples, indigenous women's rights, food sovereignty |
| | Example of Sustainability-Related Work: | Wahkohtowin- Inside on the Outside, Urban Aboriginal Knowledge Network |

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|---------------------|---|--|
| Susan Shantz | Department: | Art & Art History |
| | Research Interests: | sculptural forms exploring ways of knowing, ritual and gesture, ways in which art becomes a cultural performance, free-form modelling, 3D printing and sculpture |
| | Example of Sustainability-Related Work: | Delta Dialogue Network Art Legacy Project |

College of Arts & Science

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|--------------------|---|--|
| Satya Singh | Department: | Geological Sciences |
| | Affiliations: | GIWS |
| | Research Interests: | development of remediation/reclamation techniques: in situ immobilization of pollutants, development of permeable reactive barriers for contaminated mine surface water and groundwater, sustainable management of natural resources: mining solid wastes, mine water management, and geochemical modeling, speciation of trace metals in water-soil-sediment-waste systems, molecular scale geo-chemical processes during mineral water interactions, nano-geoscience: application of synchrotron based analytical techniques |
| | Example of Sustainability-Related Work: | |

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|--------------------------------|---|---|
| Jean-Pierre St. Maurice | Department: | Physics & Engineering Physics |
| | Affiliations: | GIWS |
| | Research Interests: | atmospheric electricity, space weather, geophysical fluid dynamics, atmospheric evolution, climate change |
| | Example of Sustainability-Related Work: | |

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|---------------------|---|--|
| Glenn Stuart | Department: | Archaeology & Anthropology |
| | Research Interests: | environmental archaeology, paleoethnobotany and paleoenvironmental reconstruction, archaeology of the Plains, Parkland and Boreal Forest, Human environmental impact, subsistence strategies |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|-----------------------|---|---|
| Ulrich Teucher | Department: | Psychology |
| | Research Interests: | culture, human development, and health, protecting indigenous knowledge and food security, communicating health and illness, children's stories of self |
| | Example of Sustainability-Related Work: | Teucher, U., & Sayok, A. (2014, Jun). Negotiating Western and Indigenous Ontologies of food knowledge: Interdisciplinary collaborations in Malaysia and Canada. Paper presented at CAFS Canadian Association for Food Studies. St. Catharines, Ontario: Brock University. |

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|-----------------------------|---|---|
| Nancy van Styvendale | Department: | English |
| | Research Interests: | Indigenous North American literatures, community service-learning, community-based teaching and research, prison literature, trauma theory and discourses of recovery and healing |
| | Example of Sustainability-Related Work: | Inspired Minds: All Nations Creative Writing Program at the Saskatoon Correctional Centre and Pine Grove Correctional Centre |

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|----------------------|---|--|
| James Waldram | Department: | Archaeology & Anthropology |
| | Affiliations: | Psychology |
| | Research Interests: | anthropology of healing, anthropology of disaster and dislocation, Indigenous peoples, culture and mental health, ethnographic film, prison ethnography, community-driven cultural sustainability |
| | Example of Sustainability-Related Work: | Culture and Well-Being in Community Evacuation. In cooperation with the Prince Albert Grand Council, this project seeks to identify the cultural and social risks and threats posed by large-scale community evacuation in western Canada, typically as the result of wildfire or flooding, and develop alternative ways of organizing and managing future evacuations that are culturally appropriate and safe. |

College of Arts & Science

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|--------------------|---|---|
| Ryan Walker | Department: | Geography & Planning |
| | Affiliations: | Prairie Research Centre, SERI |
| | Research Interests: | city planning, urban geography, urban design, indigenous urbanism, public space, multi-level urban governance |
| | Example of Sustainability-Related Work: | City Planning and Indigeneity on the Prairies, Urban Aboriginal Knowledge Network |

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|-------------------------|---|--|
| Cherie Westbrook | Department: | Geography & Planning |
| | Affiliations: | GIWS, Centre for Hydrology |
| | Research Interests: | ecohydrology, wetland and riparian ecosystems, effects of beavers on mountain wetland hydrology, surface water/groundwater interaction, modelling the downstream hydrological and water quality impacts of wetland drainage, flood risk management |
| | Example of Sustainability-Related Work: | Hydrological resilience of a Canadian Rockies headwaters basin subject to changing climate, extreme weather, and forest management |

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|------------------------|---|---|
| Clinton Westman | Department: | Archaeology & Anthropology |
| | Affiliations: | SENS |
| | Research Interests: | environmental anthropology, anthropology of religion, Western Canada, Northern Canada, Aboriginal issues, energy issues (oil/tar sands) |
| | Example of Sustainability-Related Work: | Arctic Domus: Emplacing Human-Animal Relationships in the Circumpolar North |

College of Arts & Science

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|-----------------------|---|---|
| Winona Wheeler | Department: | Indigenous Studies |
| | Research Interests: | nature and challenges of the discipline of Indigenous Studies, Cree intellectual traditions and oral history methodologies, indigenous knowledge, anti-colonial theory & approaches, history of indigenous-settler relations, land claims & treaty rights, community-based/engaged research, history of First Nations education, indian residential schools, missionary relations |
| | Example of Sustainability-Related Work: | |

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|-------------------|---|--|
| Ken Wilson | Department: | Biology |
| | Research Interests: | how photosynthetic organisms detect changes in their environment and respond to protect themselves from stress and cellular damage, utilizing the microbial nature of green algae to develop and test theories on how plants detect changes in and respond to their environment, algal biodiversity, algal photosynthesis, bioenergetics, lower plant functional genomics, algal ecophysiology |
| | Example of Sustainability-Related Work: | |

College of Arts & Science

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|-------------------|---|---|
| Lee Wilson | Department: | Chemistry |
| | Affiliations: | GIWS |
| | Research Interests: | physical chemistry, water, solution chemistry, hydration phenomena, macromolecules, polymers, biomaterials, membranes, porous materials, sorption phenomena, hydrophobic effect, carbohydrates, self-assembly, colloids & surfactants, molecular recognition, materials & environmental science, chemical separations |
| | Example of Sustainability-Related Work: | |

Other Research Centres, Departments and College

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|------------------------------|---|---|
| Lorne Doig | | Toxicology Centre |
| | Research Interests: | the bioavailability and toxicity of metals, including nanomaterials, in surface waters and sediments, deriving environmental quality criteria (water, sediment, and tissue-based), aquatic ecotoxicology, aquatic paleoecotoxicology (the reconstruction and interpretation of toxicant-induced changes in ecosystems). |
| | Example of Sustainability-Related Work: | Doig, L.E., Schiffer S.T., Liber K. 2015. Reconstructing the ecological impacts of eight decades of mining, metallurgical, and municipal activities on a small boreal lake in northern Canada. <i>Integrated Environmental Assessment and Management</i> 11, 490–501 |
| Mohamed Elshamy | | Global Institute for Water Security |
| | Research Interests: | climate change, satellite hydrology, water resources modelling, flood forecasting, downscaling, land surface schemes |
| | Example of Sustainability-Related Work: | |
| Lou Hammond Kettilson | | Centre for the Study of Co-operatives |
| | Affiliations: | JSGS |
| | Research Interests: | management in co-operatives and other democratic organizations, community development, women in co-operatives, Aboriginal co-op development, and diversity on co-op boards and governance bodies |
| | Example of Sustainability-Related Work: | "Partnering to Finance Enterprise Development within the Aboriginal Social Economy," <i>Canadian Public Policy</i> 40, s. 1 (April 2014): 39–49. |

Other Research Centres, Departments and College

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|----------------------|---|---|
| Volker Gerdts | | VIDO-Intervac |
| | Affiliations: | One Health |
| | Research Interests: | neonatal vaccines for humans and animals, mucosal immunology, vaccine delivery and formulation, One Health |
| | Example of Sustainability-Related Work: | African Swine Fever vaccine development, Chlamydia trachomatis – animal model and vaccine development, Development of a vaccine for contagious bovine pleuropneumonia |

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| Tim Sharbel | | Global Institute for Food Security |
| | Research Interests: | apomixis in plants, seed and developmental biology, crop breeding techniques to enhance food security |
| | Example of Sustainability-Related Work: | |

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| Kevin Shook | | Centre for Hydrology |
| | Affiliations: | GIWS |
| | Research Interests: | snowmelt modelling, fractal analysis of hydrological phenomena, flood modelling, extreme events analysis, prairie hydrometeorology, hydrological modelling, including aspects of drought, rainfall, flooding, and water supply under recent, current and future climate scenarios. |
| | Example of Sustainability-Related Work: | SGI Canada Prairie Hydrometeorology Program, Drought Research Initiative |

Johnson-Shoyama Graduate School of Public Policy

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|------------------------|---|---|
| Ken Coates | Affiliations: | ICNGD |
| | Research Interests: | technical and scientific innovation in Canada, development of the sub-arctic world, transformation of the Canadian university system, regional innovation, university education and higher education, Aboriginal rights and land claims, science and technology policy, Japan and Canada-Asia relations, Northern governance and development, circumpolar affairs |
| | Example of Sustainability-Related Work: | Re-Imagining Indigenous Space: The Law, Constitution and the Evolution of Aboriginal Property and Resource Rights in Canada,” Ken Coates and Greg Poelzer. Eds. Alan Tidwell, Barry Scott Zellen. Land, Indigenous Peoples and Conflict, 54-65. |
| Brett Fairbairn | Affiliations: | Centre for the Study of Co-operatives |
| | Research Interests: | governance and innovation in non-profit enterprises, membership, participation, and organizational identity, history of democracy and democratic movements, co-operatives in the new economy |
| | Example of Sustainability-Related Work: | B. Fairbairn and N. Russell, eds., 2014. Co-operative Canada: Empowering Communities and Sustainable Businesses. Vancouver: University of British Columbia Press. |
| Murray Fulton | Affiliations: | Centre for the Study of Co-operatives |
| | Research Interests: | behavioural economics, governance, co-operatives and the social economy, agricultural and resource policy |
| | Example of Sustainability-Related Work: | Murray Fulton and T. Reynolds. 2015. “The Political Economy of Food Price Volatility: The Case of Vietnam and Rice.” American Journal of Agricultural Economics 97(4): 1206-26 |

Johnson-Shoyama Graduate School of Public Policy

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|-----------------------|---|--|
| Patricia Gober | Affiliations: | GIWS |
| | Research Interests: | water policy, sustainability science, sustainable cities, decision making under uncertainty, urban systems, human migration and population geography, science-policy interface and stakeholder engagement, applied climatology |
| | Example of Sustainability-Related Work: | 2013. Getting outside the water box: The need for new approaches to water planning and policy. <i>Water Resources Management</i> 27(4): 955-957. |

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|--------------------|---|---|
| Rose Olfert | Affiliations: | Agricultural & Resource Economics |
| | Research Interests: | public policy , rural/regional economics , rural-urban interdependence , people-based vs. place-based policy , rural economic restructuring , resource based economies |
| | Example of Sustainability-Related Work: | Olfert, M. Rose and David Natcher. 2013. "Social Capital and Place-Based Policy: Aboriginal Community Case Study in Canada" in <i>Social Capital and Rural Development in the Knowledge Society</i> , editors: Kiyoshi Kobayashi and Hans Westlund, pp. 201-226 |

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|-----------------------|---|--|
| Peter Phillips | Affiliations: | Economics |
| | Research Interests: | science, technology and innovation policy, international political economy, regulation, governance and trade policy, decision making theory and behavioural experimentation |
| | Example of Sustainability-Related Work: | Peter W.B. Phillips, Sidi Zhang, Tara Williams and Laural DeBusschere. 2013. Canada's First Nations' Policies and Practices Related to Managing Traditional Knowledge. Chapter 8 in T. Bubela and E.R. Gold (eds) <i>Genetic Resources and Traditional Knowledge: Case Studies and Conflicting Interests</i> . Edward Elgar. |

Johnson-Shoyama Graduate School of Public Policy

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|----------------------|---|---|
| Jeremy Rayner | Affiliations: | SENS |
| | Research Interests: | public policy analysis, resource policy, energy policy, multi-level governance, public engagement |
| | Example of Sustainability-Related Work: | Using transition management theories to understand the options for sustainable power generation in Saskatchewan (SSHRC Canadian Environmental Issues Strategic Grant) |

Western College of Veterinary Medicine

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|----------------------|---|---|
| Barry Blakely | Department: | Veterinary Biomedical Sciences |
| | Research Interests: | veterinary diagnostic toxicology, investigate poisonings, immunotoxicology & basic effects on immune system, animal & human health, tetralogy, effects of chemicals during in utero exposure, immune-mediated diseases, metals, nutrition, trace minerals |
| | Example of Sustainability-Related Work: | Effects of pesticide exposure during gestation on immune function. |

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|------------------------|---|---|
| Trent Bollinger | Department: | Veterinary Pathology |
| | Research Interests: | wildlife health, fish, amphibians, reptiles, birds, mammals, diagnostic pathology, epidemiology & ecology in free ranging wildlife, chronic wasting disease, avian botulism in water fowl, viral disease in amphibians, big horn sheep, conservation medicine, health management, zoonotic diseases |
| | Example of Sustainability-Related Work: | Scott, S. J. and T. K. Bollinger (2015). "The causes of eagle mortality in Saskatchewan, 1992-2012." Canadian Wildlife Biology and Management 4(1): 31-39 |

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|------------------|---|---|
| Tasha Epp | Department: | Large Animal Clinical Sciences |
| | Affiliations: | One Health, School of Public Health |
| | Research Interests: | modelling West Niles virus in the prairies, epidemiology of zoonotic diseases in companion animals especially in rural, remote and First Nations communities, spatial epidemiology techniques |
| | Example of Sustainability-Related Work: | |

Western College of Veterinary Medicine

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|---------------------|---|--|
| Maud Ferrari | Department: | Veterinary Biomedical Sciences |
| | Research Interests: | behavior ecology i.e., predator/prey interaction at cognitive/behavioral/community level - turbidity, ocean acidity, salinity, UV, temperature & climate change; conservation work i.e., sturgeon; fish & amphibians |
| | Example of Sustainability-Related Work: | S.D. Simpson, A.N. Radford, S. Nadelec, M.C.O. Ferrari, D.P. Chivers, M.I. McCormick, and M.G. Meekan. 2016. Anthropogenic noise increases fish mortality by predation. <i>Nature Communications</i> 7: 10544 |

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|-------------------|---|---|
| John Giesy | Department: | Veterinary Biomedical Sciences |
| | Affiliations: | GIWS, Toxicology Centre |
| | Other: | Canada Research Chair in Environmental Toxicology |
| | Research Interests: | ecology, ecotoxicology, aquatic toxicology, environmental analytical chemistry of organic compounds, environmental chemistry (fates of trace substances in aquatic ecosystems) |
| | Example of Sustainability-Related Work: | Ohiozebau, E., B. Tandler, G. Codling, E. Kelly, J.P. Giesy and P.D. Jones. 2016. Potential Health Risks Posed by Polycyclic Aromatic Hydrocarbons in Muscle Tissues of Fishes from the Athabasca and Slave Rivers, Canada. <i>Environ. Geochem. Health (On Line)</i> . DOI 10.1007/s10653-016-9815-3 |

Western College of Veterinary Medicine

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|-------------------|---|--|
| David Janz | Department: | Veterinary Biomedical Sciences |
| | Affiliations: | GIWS |
| | Research Interests: | development of techniques to determine long term stress in wildlife, endogenous and exogenous factors influencing gonadal development in fish, aquatic ecotoxicology of selenium in native fish species, noninvasive approaches to evaluate effects of environmental stressors |
| | Example of Sustainability-Related Work: | Janz, D.M., K. Liber, I.J. Pickering, C.I.E. Wiramanaden, S.A. Weech, M. Gallego-Gallegos, M.K. Driessnack, E.D. Franz, M.M. Goertzen, J. Phibbs, J.J. Tse, K.T. Himbeault, E.L. Robertson, C. Burnett-Seidel, K. England and A. Gent. 2014. Integrative assessment of selenium speciation, biogeochemistry, and distribution in a northern coldwater ecosystem. <i>Integrated Environmental Assessment and Management</i> 10, 543-554 |

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|----------------------|---|---|
| Emily Jenkins | Department: | Veterinary Microbiology |
| | Affiliations: | One Health, School of Public Health |
| | Research Interests: | detection, characterization, and epidemiological investigation of zoonotic diseases (especially parasitoses), impact of climate change on ecology of diseases at the interface of public and animal health, current and emerging risks to food security and safety, especially country food security and safety in Canada's North |
| | Example of Sustainability-Related Work: | EJ Jenkins, A Simon, N Bachand, C Stephen. 2015. Wildlife parasites in a One Health world. <i>Trends in parasitology</i> 31(5): 174-180. doi:10.1016/http://www.sciencedirect.com/science/article/pii/S1471492215000033 015.01.002 |

Western College of Veterinary Medicine

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|---------------------|---|--|
| Vikram Misra | Department: | Veterinary Microbiology |
| | Affiliations: | One Health |
| | Research Interests: | emerging viral diseases in bats and humans, molecular mechanisms by which herpesviruses cause infections and disease |
| | Example of Sustainability-Related Work: | |

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|---------------------|---|---|
| Joseph Rubin | Department: | Veterinary Microbiology |
| | Research Interests: | molecular epidemiology and DNA fingerprinting, zoonotic disease and interspecies transmission of antibiotic resistant organisms, antimicrobial resistance surveillance and epidemiology in humans, companion animals, food animals and wildlife |
| | Example of Sustainability-Related Work: | Human infections due to <i>Staphylococcus pseudintermedius</i> , an emerging zoonosis of canine origin: report of 24 cases. Somayaji, R; Priyantha, M A R; Rubin, J E; et al. Diagnostic microbiology and infectious disease Volume: 85 Issue: 4 Pages: 471-6 Published: 2016 Aug DOI: 10.1016/j.diagmicrobio.2016.05.008 |

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|---------------------|---|---|
| Elemir Simko | Department: | Veterinary Pathology |
| | Research Interests: | comparative pathology, innate immunity, pathogenesis of infectious diseases and evidence-based diagnostic pathology, honey bee health and sustainability of agriculture |
| | Example of Sustainability-Related Work: | Toxicopathological Determination of Safe Dose Ranges of Neonicotinoids for Honey Bee Colonies |

Western College of Veterinary Medicine

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|-----------------------|---|---|
| Catherine Soos | Department: | Veterinary Pathology |
| | Affiliations: | Environment and Climate Change Canada |
| | Research Interests: | biomarkers of wildlife health and large-scale environmental changes, environmental stressors for wildlife, emerging infectious diseases of migratory birds and their importance to wildlife, conservation, and human and domestic animal health |
| | Example of Sustainability-Related Work: | Chen, C.C., E. Jenkins, T. Epp, C. Waldner, P.S. Curry, and C. Soos. 2013. Climate change and West Nile virus in a highly endemic region of North America. International Journal of Environmental Research and Public Health, 10:3052-3071. |

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|---------------------------|---|---|
| Fabienne Uehlinger | Department: | Large Animal Clinical Sciences |
| | Research Interests: | general dairy health, calf health, One Health, epidemiology, zoonotic diseases, infectious diseases, human-animal interface, research in developing countries, small ruminants, goat, Asia, Africa, Haiti |
| | Example of Sustainability-Related Work: | |

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|-----------------------|---|--|
| Cheryl Waldner | Department: | Large Animal Clinical Sciences |
| | Affiliations: | One Health |
| | Research Interests: | water and health in rural and remote communities, transmission of antimicrobial resistance in humans and animals, farm-to-fork food safety, reproduction, infectious disease & nutrition in cattle, environmental epidemiology, One Health, community-based research |
| | Example of Sustainability-Related Work: | |

Western College of Veterinary Medicine

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|-------------------|---|--|
| Lynn Weber | Department: | Veterinary Biomedical Sciences |
| | Research Interests: | the effect of environmental influences, primarily toxicants and nutritional factors, on the cardiovascular system, environment, toxicology i.e., metal mining, petroleum contamination, biomedical (human health related) i.e., tobacco smoke, diet, air pollution, dog food project & low glycemic foods such as peas, metabolism, comparative research |
| | Example of Sustainability-Related Work: | Role of polycyclic aromatic hydrocarbons (PAHs) in tobacco smoke-induced vascular dysfunction. |

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|-----------------------|---|--|
| Mark Wickstrom | Department: | Veterinary Biomedical Sciences |
| | Research Interests: | terrestrial wildlife toxicology, wildlife & domestic animals, livestock issues & horses, poultry, effects of environmental contaminants on wildlife (i.e., frogs, birds, mammals), water contamination, soil contamination, poisonous plants, pesticides in wild birds, soil contaminants & risk to children (pig model), algotoxins in lakes, pesticides in wild birds, water quality |
| | Example of Sustainability-Related Work: | Effects of oil field emissions on immune function and reproduction in beef cattle and wild birds. |

College of Agriculture & Bioresources

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|-----------------|---|--|
| Sina Adl | Department: | Soil Science |
| | Research Interests: | microbiology, soil ecology, energy security, food security, soil quality, water, soil biodiversity |
| | Example of Sustainability-Related Work: | |

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|------------------|---|---|
| Tom Allen | Department: | Agricultural and Resource Economics |
| | Affiliations: | Indigenous Land Management Institute |
| | Research Interests: | Aboriginal wealth creation, agricultural entrepreneurship, indigenous land management |
| | Example of Sustainability-Related Work: | Saskatoon Food Bank and Learning Centre Building Feasibility Study, 2012-2015 |

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|-----------------------|---|--|
| Melissa Arcand | Department: | Soil Science |
| | Research Interests: | energy security, food security, nutrient stewardship, biogeochemical cycling, soil quality, water, soil organic matter |
| | Example of Sustainability-Related Work: | Plant Pedological Phenotype - The Soil Microbiome as a Plant Phenotype |

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|--------------------|---|---|
| Yuguang Bai | Department: | Plant Sciences |
| | Research Interests: | sustainable systems, oilsands reclamation, environmental physiology, physiologiy of field crops |
| | Example of Sustainability-Related Work: | M. Braun, Y. Bai, B. McConkey, R. Farrell, J.T. Romo, and D. Pennock. 2013. Greenhouse gas flux in a temperate grassland as affected by landform and disturbance. Landscape Ecology 28:709-723. |

College of Agriculture & Bioresources

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|----------------------------|---|---|
| Angela Bedard-Haugn | Department: | Soil Science |
| | Affiliations: | SENS |
| | Research Interests: | applied pedology, soil carbon and nitrogen dynamics, wetland soils, digital soil mapping, soil information management |
| | Example of Sustainability-Related Work: | Effects of land use on pedologic properties and carbon and nitrogen dynamics in wetland soils, influence of N-fixing pulse crops on carbon and nitrogen cycling dynamics in the Prairies, cryoturbation and the effect of soil organic matter quality on nutrient cycling and greenhouse gas emissions in the Arctic, organic matter and nutrient characteristics of soils in an area of the Boreal Shield affected by smelter emissions. |

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|--------------------|---|--|
| Ken Belcher | Department: | Agricultural and Resource Economics |
| | Affiliations: | SENS |
| | Research Interests: | ecological economics, resource and environmental economics, environmental policy, climate change, wetland and wildlife conservation policy |
| | Example of Sustainability-Related Work: | Policy Development to Support the Provision of Carbon Sequestration and Other Ecosystem Services Through Sustainable Management of Livestock Grazing of the Grassland Ecosystems |

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|-------------------|---|---|
| Ryan Brook | Department: | Animal and Poultry Science |
| | Affiliations: | SENS, ILMI, ICNGD |
| | Research Interests: | wildlife ecology and health, Aboriginal community engagement and Traditional Ecological Knowledge, farmer knowledge about wildlife, youth engagement in science, management of wildlife-livestock interface, vegetation-permafrost interactions |
| | Example of Sustainability-Related Work: | Invaders on the Canadian Prairies: How the region's feral swine threaten agriculture and conservation; Targeting hunter effort based on host demography at a fine scale: combining resource selection and kill sites to manage disease risk |

College of Agriculture & Bioresources

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|-------------------|---|--|
| Lisa Clark | Department: | Agricultural and Resource Economics |
| | Affiliations: | JSGS |
| | Research Interests: | food technology & policy, risk governance, social perceptions of risk, food labels, food security, GM foods, food & agricultural movements |
| | Example of Sustainability-Related Work: | Clark, Lisa F. (October 2015) The Changing Politics of Organic Food in North America. Cheltenham, UK: Edward Elgar Publishing |

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|------------------------|---|---|
| Richard Farrell | Department: | Soil Science |
| | Research Interests: | climate change, greenhouse gases, food security, cropping systems, environmental agronomy |
| | Example of Sustainability-Related Work: | |

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|---------------------|---|--|
| Richard Gray | Department: | Agricultural and Resource Economics |
| | Affiliations: | JSGS, GIWS |
| | Research Interests: | agricultural trade, agricultural marketing, environmental economics |
| | Example of Sustainability-Related Work: | Awada, Lana, Gray R.S, and Cecil Nagy (2015). The Benefits and Costs of Zero Tillage RD&E on the Canadian Prairies . Canadian Journal of Agricultural Economics. |

College of Agriculture & Bioresources

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|----------------------|---|--|
| Natacha Hogan | Department: | Animal and Poultry Science |
| | Affiliations: | GIWS |
| | Research Interests: | aquatic toxicology, sources and fate of aquatic contaminants, aquatic animal health, agricultural intensity and water quality |
| | Example of Sustainability-Related Work: | Arens CJ, Hogan NS, Kavanagh RJ, Mercer AG, van der Kraak GJ and MR van den Heuvel. 2015. Sublethal effects of aged oil sands affected water on white sucker (<i>Catostomus commersonii</i>). <i>Environmental Toxicology and Chemistry</i> 34:589-599 |

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|---------------------------|---|--|
| Suren Kulshreshtha | Department: | Agricultural and Resource Economics |
| | Affiliations: | SENS |
| | Research Interests: | rural development, water resources economics, irrigation economics, economic impact assessment, drought impacts, climate change and agriculture industry, impact of climate change on communities, environmental (non-market) valuation, economic life cycle analysis, sustainable agriculture |
| | Example of Sustainability-Related Work: | Barriers to Growth in Rural Saskatchewan – A Case Study of Municipal Tax and Non-Tax Incentives |

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|------------------|---|--|
| Eric Lamb | Department: | Plant Sciences |
| | Research Interests: | sustainable systems, plant ecology |
| | Example of Sustainability-Related Work: | Letts B, Lamb E, Mischkolz J, Romo J (2015) Litter accumulation drives grassland plant community composition and functional diversity via leaf traits. <i>Plant Ecol</i> 216: 357-370. |

College of Agriculture & Bioresources

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|----------------------|---|---|
| Colin Laroque | Department: | Soil Science |
| | Affiliations: | SENS |
| | Research Interests: | dendrochronology, geomorphological processes and past and future climates in Canada, dendroarcheology and dendrochemistry |
| | Example of Sustainability-Related Work: | Radial-growth analysis on the Mistik land base under future climate change scenarios |

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| David Natcher | Department: | Agricultural and Resource Economics |
| | Affiliations: | Indigenous Land Management Institute, SENS, GIFS, Archaeology & Anthropology |
| | Research Interests: | food security, aboriginal land and resource management, economic anthropology, political ecology, social forestry, common-property theory |
| | Example of Sustainability-Related Work: | The Arctic as a Food Producing Region: Arctic Council - Sustainable Development Working Group |

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|-------------------|---|--|
| Derek Peak | Department: | Soil Science |
| | Research Interests: | energy security, food security, nutrient stewardship, biogeochemical cycling, soil quality, water, cropping systems, innovative treatment technologies, risk assessment, reclamation, remediation, restoration |
| | Example of Sustainability-Related Work: | |

College of Agriculture & Bioresources

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|--------------------|---|---|
| Dan Pennock | Department: | Soil Science |
| | Affiliations: | GIWS |
| | Research Interests: | greenhouse gas dynamics in natural and cultivated landscapes, soil genetic processes at boundaries of Western Canadian biomes |
| | Example of Sustainability-Related Work: | |

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|------------------------|---|---|
| Steve Shirliffe | Department: | Plant Sciences |
| | Research Interests: | sustainable systems, agronomy, weed management, field crops, organic production systems, crop protection, plant ecology |
| | Example of Sustainability-Related Work: | Crop Phenometrics Platform - Leveraging Field Phenomics for Advancing Key Rotational Crops |

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|-----------------------|---|---|
| Jeff Schoeneau | Department: | Soil Science |
| | Research Interests: | energy security, food security, herbicides, bioproducts, fertilizer management and use, nutrient stewardship, biogeochemical cycling, soil quality, water |
| | Example of Sustainability-Related Work: | Crop Response to Foliar Applied Phosphorus Fertilizers |

College of Agriculture & Bioresources

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|----------------|---|---|
| Bing Si | Department: | Soil Science |
| | Affiliations: | GIWS |
| | Research Interests: | understanding the mechanisms of soil water dynamics and thermal regimes in non-level landscapes, reclamation of mining wastes using coarse-textured cover materials, improving soil water storage capacity using layered soils, understanding hydrophobicity of soil materials, and evaluating soil water balance in hydrocarbon-affected reclamation soils at the water-shed scale |
| | Example of Sustainability-Related Work: | |

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|-------------------------|---|---|
| Steven Siciliano | Department: | Soil Science |
| | Research Interests: | ecotoxicology, innovative treatment technologies, risk assessment, oilsands reclamation, remediation, restoration |
| | Example of Sustainability-Related Work: | Metal Mixtures - Is Concentration Addition the Correct Model for Terrestrial Ecological Risk Assessment? |

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|--------------------------|---|--|
| Katherine Stewart | Department: | Soil Science |
| | Research Interests: | ecotoxicology, innovative treatment technologies, risk assessment, reclamation, remediation, restoration |
| | Example of Sustainability-Related Work: | Environmental and Social Risk Assessment to Support Informed Collaborative Decision Making for Vegetation Management of Northern Rights-of-Way |

College of Agriculture & Bioresources

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|---------------------|---|--|
| Ken Van Rees | Department: | Soil Science |
| | Affiliations: | Centre for Northern Agroforestry and Afforestation, GIWS |
| | Research Interests: | agroforestry and biomass energy systems and their impacts on soils as well as understanding root dynamics in boreal ecosystems |
| | Example of Sustainability-Related Work: | Amichev, B.Y., R.D. Hangs, S.M. Konecsni, C.N. Stadnyk, T.A. Volk, N. Belanger, V. Vujanovic, J.J. Schoenau, and K.C.J. Van Rees. 2014. Willow production systems for bioenergy feedstock and C sequestration in Saskatchewan, Canada: A Review. Soil Science Society of America Journal 78:168-182. |

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|--------------------|---|--|
| Fran Walley | Department: | Soil Science |
| | Research Interests: | carbon sequestration, climate change, soil quality, water, soil organic matter |
| | Example of Sustainability-Related Work: | |

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|---------------------|---|--|
| Doug Waterer | Department: | Plant Sciences |
| | Research Interests: | sustainable systems, agronomy, weed management, horticulture, organic production systems, molecular genetics, crop improvement, breeding, genetics and management, vegetable, spice, crop protection |
| | Example of Sustainability-Related Work: | |

School of Environment & Sustainability

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|-------------------|---|---|
| MJ Barrett | Affiliations: | Educational Foundations, International Centre for Northern Governance and Development |
| | Research Interests: | environmental education, human-nature relations, intuitive interspecies communications, ways of knowing, indigenous and decolonizing methodologies, discourse, ecopsychology, threshold concepts, animism, transformative sustainability learning |
| | Example of Sustainability-Related Work: | Love for Okawimawaskiy (Mother Earth): A Collaborative Study in Human-Animal Communication |

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|---------------------|---|--|
| Helen Baulch | Affiliations: | GIWS |
| | Research Interests: | water quality, aquatic ecology, global change, biogeochemical cycles, greenhouse gas emissions, eutrophication, algal blooms, climate change |
| | Example of Sustainability-Related Work: | Understanding lake metabolism and algal blooms: New tools for the management of potable water sources. (with John Giesy, Peter Leavitt, Paul Jones, Karsten Liber, Karl-Erich Lindenschmidt) |

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|----------------------|---|---|
| Douglas Clark | Affiliations: | JSGS, Northern Rockies Conservation Cooperative |
| | Research Interests: | indigenous co-management of ecosystems and resources, polar bear-human conflicts, wildlife and protected area management, environmental governance and policy processes |
| | Example of Sustainability-Related Work: | Chu äyi ätl'et (The Water In Me): collaboratively developing a water strategy for the Champagne and Aishihik First Nations' Traditional Territory, Yukon |

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| Markus Hecker | Research Interests: | biological effects of environmental stressors, environmental risk assessment, aquatic ecology, fish biology, bioanalytical techniques to assess environmental pollution |
| | Example of Sustainability-Related Work: | Fisheries and Oceans Canada: "Assessing the Adverse Effects of Emerging Chemical Contaminants on Fishes of Commercial, Aboriginal and Recreational Value to Canadians (AECCO)" |

School of Environment & Sustainability

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|----------------------|---|---|
| Andrew Ireson | Affiliations: | GIWS, Civil and Geological Engineering |
| | Research Interests: | modelling flow and transport in the hydrological cycle, collection, analysis and interpretation methods of integrated hydrological data, hydrological change in northern latitudes, groundwater resource management, groundwater quality and sustainable development of natural resources, integrated hydrological-epidemiological research |
| | Example of Sustainability-Related Work: | Ireson, A.M., Barr, A.G., Johnstone, J.F., Mamet, S.D., van der Kamp, G., Whitfield, C.J., Michel, N.L., North, R.L., Westbrook, C.J., DeBeer, C., Chun, K.P., Nazemi, A. and Sagin, J. 2015. The changing water cycle: the Boreal Plains ecozone of Western Canada. <i>Wires Water</i> . 10.1002/wat2.1098 |

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| Tim Jardine | Research Interests: | river deltas as complex social-ecological systems, contaminant biomagnification in aquatic ecosystems, land-water and river-ocean connectivity, tropical floodplain ecology and hydrology, freshwater food webs, stable isotope analysis in ecology |
| | Example of Sustainability-Related Work: | Jardine, T.D., Baulch, H.M., Hobson, K.A., and Janz, D.M. 2013-2016. Identifying flood- and food-related limits to fish and wildlife production in the Saskatchewan River delta. NSERC Collaborative Research and Development Grant. |

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|-------------------|---|---|
| Paul Jones | Research Interests: | analytical and environmental toxicology and chemistry, aquatic and terrestrial ecosystems, aquatic and wildlife toxicology, ecological risk assessment, human impacts on northern ecosystems and subsistence food resources |
| | Example of Sustainability-Related Work: | 2014-2016 Canadian Water Network. SWEEP: The Slave Watershed Environmental Effects Program. |

School of Environment & Sustainability

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|-----------------------------|---|---|
| Vladimir Kricsfalusy | Affiliations: | Prairie Centre for the Study of Ukrainian Heritage |
| | Research Interests: | conservation biology, population biology and ecology, community ecology, restoration ecology, taxonomy, education for sustainable development, experiential education, service-learning, community engagement |
| | Example of Sustainability-Related Work: | Kricsfalusy V., Li M., Gupta Ch. 2015. Using multiple data sources on species distribution for biodiversity assessment: the prairie crocus (<i>Anemone patens</i>) as a case study. <i>Blue Jay</i> , 73(3): 102–122. |

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|-------------------|---|---|
| Yanping Li | Affiliations: | GIWS |
| | Research Interests: | regional climate modelling, mesoscale dynamics, boundary layer meteorology, air-sea interaction |
| | Example of Sustainability-Related Work: | Yanping Li, R. E. Carbone, 2015: Offshore propagation of coastal precipitation. <i>Journal of Atmospheric Science</i> . |

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|----------------------|---|--|
| Karsten Liber | Affiliations: | Toxicology Centre, GIWS |
| | Research Interests: | metal bioavailability and toxicity in aquatic ecosystems, mining impacts on aquatic ecosystems, water quality assessments, pesticide ecotoxicology |
| | Example of Sustainability-Related Work: | 2011-2014 - A paleolimnological assessment of Lake Diefenbaker sediment: A reconstruction of historical contaminant trends. Province of Saskatchewan via the U of S Global Institute for Water Security. |

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|---------------------------------|---|---|
| Karl-Erich Lindenschmidt | Affiliations: | GIWS |
| | Research Interests: | surface water quality modelling, river ice processes, climate change and river morphology, flood and flood risk management |
| | Example of Sustainability-Related Work: | Northwest Territories Cumulative Impact Monitoring Program: “Geospatial models and isotope tracers to identify key fish and animal habitats along the Slave River.” |

School of Environment & Sustainability

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|----------------------|---|---|
| Philip Loring | Affiliations: | GIWS |
| | Research Interests: | food systems and security, fisheries, local food movements, environmental justice, climatic and environmental change, indigenous cultures |
| | Example of Sustainability-Related Work: | 2015-17. "Human Dimensions of Sustainability in Haida Gwaii." Parks Canada / UC Santa Barbara. PI w/ P. Levin, M. Poe. |

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|--------------------------|---|--|
| Jeffrey McDonnell | Affiliations: | GIWS |
| | Research Interests: | watershed hydrology, runoff processes and modelling, isotope hydrology, hydrological theory |
| | Example of Sustainability-Related Work: | Burt, T., N. Howden, J.J. McDonnell, J Jones and G. Hancock, 2015. Seeing the climate through the trees: observing climate and forestry impacts on streamflow using a 60-year record. <i>Hydrological Processes</i> , 29: 473-480. |

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|---------------------|---|--|
| Greg Poelzer | Affiliations: | International Centre for Northern Governance and Development, JSGS |
| | Research Interests: | comparative politics and policy of northern circumpolar regions and Aboriginal-state relations, sustainable development in the north, renewable energy |
| | Example of Sustainability-Related Work: | Community Engagement in Environmental Assessment for Resource Development: Benefits, Enduring Concerns, Opportunities for Improvement |

School of Environment & Sustainability

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| Saman Razavi | Affiliations: | GIWS |
| | Research Interests: | hydrologic models development and calibration, environmental and water resources systems planning and management, climate change and impacts on hydrology and water resources, reconstruction of paleo-hydrology, single and multi-objective optimization, sensitivity analysis and uncertainty quantification |
| | Example of Sustainability-Related Work: | Razavi, S., M. Asadzadeh, B. A. Tolson, D. Fay, S. Moin, J. Bruxer, Y. Fan (2013), Evaluation of new control structures for regulating the Great Lakes system: a multi-scenario, multi-reservoir optimization approach, Journal of Water Resources Planning Management, 10.1061/(ASCE)WR.1943-5452.0000375. |

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| Maureen Reed | Affiliations: | SERI, GIWS |
| | Research Interests: | environmental governance, sustainability science, practices of conservation, sustainability of rural communities, feminist and gender-based analysis, social dimensions of climate change adaptation and resilience, model forests, biosphere reserves, national parks, practices of governance for resilience, environmental and social sustainability (PROGRESS Lab) |
| | Example of Sustainability-Related Work: | Reed, M.G., 2016. Conservation (In) Action: Renewing the Relevance of UNESCO Biosphere Reserves. Conservation Letters. http://onlinelibrary.wiley.com/doi/10.1111/conl.12275/full |

School of Environment & Sustainability

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|-------------------------|---|---|
| Toddi Steelman | Affiliations: | GIWS |
| | Research Interests: | environmental and natural resource governance, public and community decision-making, interface between science, policy and decision-making, climate change adaptation, disaster-resilient communities, risk and crisis communication, wildfire preparedness |
| | Example of Sustainability-Related Work: | Delta Dialogue Network. SSHRC Partnership Development Grant. Steelman, Toddi, Jennifer Fresque-Baxter, Stéphane McLachlan, Lalita Bharadwaj, Lori Bradford, Tim Jardine, Paul Jones, Karl-Erich Lindenschmidt, Greg Poelzer, Maureen Reed, and Graham Strickert. 2014-2016. |
| Graham Strickert | Affiliations: | GIWS |
| | Research Interests: | human dimensions of water security |
| | Example of Sustainability-Related Work: | Strickert, G.E.H., Bradford, L.E.A. (2015) Of research pings and ping-pong balls: The use of forum theatre for engaged water security research. International Journal of Qualitative Methods 14(5), 1-14 |
| Howard Wheeler | Affiliations: | GIWS, Civil and Geological Engineering |
| | Research Interests: | hydrological processes and modelling, management of flood risk, water resources, water quality, wastes and climate change adaptation, socio-hydrology |
| | Example of Sustainability-Related Work: | Changing Cold Regions Network; MacKenzie and Saskatchewan River Basins - Regional Hydroclimate Project, Tobacco Creek Model Watershed |
| Colin Whitfield | Affiliations: | GIWS, Geography & Planning, Centre for Hydrology |
| | Research Interests: | atmospheric pollution, hydrochemistry, catchment modelling, hydrology, biogeochemistry, climate change and landscape disturbance |
| | Example of Sustainability-Related Work: | GIWS BERMS group, biogeochemical-vegetation model to understand response of forest ecosystem response to climate and atmospheric deposition; biogenic greenhouse gas exchange in Buffalo Pound Lake |

Colleges of Medicine & College of Nursing

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|----------------------|---|---|
| Sylvia Abonyi | | College of Medicine -- Community Health & Epidemiology |
| | Affiliations: | Archaeology & Anthropology |
| | Research Interests: | medical/health anthropology, qualitative research methods, Aboriginal health, global policies and local health, population health, participatory action research, Type 2 Diabetes Mellitus |
| | Example of Sustainability-Related Work: | Dietrich-Leurer M, Abonyi S, Smadu M. A syndemic perspective of negative childhood outcomes: Parenting in a 'perfect storm' of disadvantaged conditions. <i>Journal of Poverty</i> . 2013 Apr 18;17(2):198-216. |
| Yelena Bird | | School of Public Health |
| | Research Interests: | smoking cessation policy, domestic violence prevention, environmental health, women's health |
| | Example of Sustainability-Related Work: | The relationship between socioeconomic status/income and prevalence of diabetes and associated conditions: A cross-sectional population-based study in Saskatchewan, Canada |
| Angela Bowen | | College of Nursing |
| | Research Interests: | women's & maternal mental health, socially vulnerable and Aboriginal mothers |
| | Example of Sustainability-Related Work: | Bowen A (Co-principal Investigator), Banga K (Co-principal Investigator), Waldner C (Co-investigator). Postpartum Depression: Recent Immigrant Mother's Perspectives, Qualitative study of East Indian new mother's perceptions of social support postpartum. |

Colleges of Medicine & College of Nursing

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| Roland Dyck | | College of Medicine |
| | Affiliations: | Canadian Centre for Health & Safety in Agriculture |
| | Research Interests: | chronic disease, diabetes and its complications (particularly kidney disease) among Indigenous peoples, the intra- and intergenerational impact of diabetic pregnancies on the epidemic of diabetes among Indigenous peoples, community-based and primary healthcare among Indigenous peoples |
| | Example of Sustainability-Related Work: | Transformation of Indigenous primary healthcare delivery: Community driven innovations and strategic scale-up toolkits (Co-I: 2013-18). |
| Rachel Engler-Stringer | Department: | College of Medicine -- Community Health & Epidemiology |
| | Affiliations: | SENS, SPHERU, CUISR |
| | Research Interests: | food systems and sustainability, food security and community-based health research |
| | Example of Sustainability-Related Work: | Good Food for Learning: An Examination of the Current State of School Food in the Saskatoon Region |
| Cindy Feng | | School of Public Health |
| | Research Interests: | spatial statistics and disease mapping, statistical methods for survival and longitudinal data, environmental and ecological statistics, infectious disease surveillance, functional data analysis |
| | Example of Sustainability-Related Work: | Feng, C.X. , Li, J., Sun, W.J., Zhang, Y. and Wang, Q.Y. (2016). Impact of Ambient Fine Particulate Matter (PM2.5) Exposure on the Risk of Influenza-Like-Illness: A Time-Series Analysis in Beijing, China. Environmental Health, 2016 Feb 11;15(1):17. |

Colleges of Medicine & College of Nursing

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|----------------------|---|---|
| Leah Ferguson | | College of Kinesiology |
| | Affiliations: | Indigenous Peoples' Health Research Centre |
| | Research Interests: | Aboriginal health, social psychology, women's health |
| | Example of Sustainability-Related Work: | Ferguson, L. J., & Philipenko, N. Y. (2016). "I would love to blast some pow music and just dance": First Nations students' experiences of physical activity on campus. <i>Qualitative Research in Sport, Exercise and Health</i> , 8, 180-193. |

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| Heather Foulds | | College of Kinesiology |
| | Affiliations: | Indigenous Peoples' Health Research Centre |
| | Research Interests: | cardiovascular health, Aboriginal health, prevention of diabetes, prevention of cardiovascular disease |
| | Example of Sustainability-Related Work: | Foulds, H. J. A., Rodgers, C. D., Duncan, V., & Ferguson, L. J. (2016). A systematic review of screen time behaviour among North American Indigenous populations. <i>Obesity Reviews</i> , 17, 455-466 |

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| Susan Fowler-Kerry | | College of Nursing |
| | Research Interests: | pediatric nursing, health policy, pediatric palliative care, pediatric pain, community development, interprofessional, international health |
| | Example of Sustainability-Related Work: | Fowler-Kerry S (Co-investigator). Understanding Internationally Educated Nurses' Professional, Cultural, and Social Integration in Canadian Nursing Workplaces: Designing Culturally Competent and Evidence-Based Retention Programs |

Colleges of Medicine & College of Nursing

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| Philip Griebel | Department: | School of Public Health |
| | Affiliations: | VIDO-Intervac |
| | Research Interests: | ensuring sustained production of food crops dependent on bees for pollination. |
| | Example of Sustainability-Related Work: | Identification of biomarkers for the selection of bees resistant to colony collapse disorder. This project is providing honey bee breeding stock (queen bees) to honey producers and crop producers in North America, South America, and Australia. |
| Carol Hendry | | College of Pharmacy and Nutrition - Nutrition |
| | Research Interests: | school health - child nutrition, children's literacy and health, adolescent health, community health - consumer literacy and health, food security, food systems - technologies and food service delivery systems, global health - organization of health service workers, international development and partnerships |
| | Example of Sustainability-Related Work: | J. Bilinski, C. Henry, L. Humbert and P. Spriggs, 2013. The Connection between Psychosocial Health, Health Behaviours and the Environment in Rural Children. Child Indicators Research 6(4): 659-672. |
| Shelley Kirychuk | | Collge of Medicine |
| | Affiliations: | Canadian Centre for Health and Safety in Agriculture, One Health, School of Public Health, Nursing, Community Health & Epidemiology |
| | Research Interests: | epidemiology of rural and agricultural related exposures and respiratory health outcomes, industrial hygiene |
| | Example of Sustainability-Related Work: | Kirychuk S (Principal Investigator), Laprise C (Coinvestigator), Dosman J (Co-investigator), Senthilselvan A (Co-investigator). Using the "Omic Sciences" to Understand Respiratory Health Changes in Swine Workers. |

Colleges of Medicine & College of Nursing

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|---------------------|---|--|
| Anne Leis | Department: | College of Medicine -- Community Health & Epidemiology |
| | Research Interests: | population health, language, culture and health, integrative oncology, cancer patients and their families' quality of life, health services utilization and self-care, health of francophones living in minority situation, cancer survivorship and chronic disease management, community engagement |
| | Example of Sustainability-Related Work: | Alimezelli A, Leis A, Denis W, Karunanayake C.. Lost in Policy Translation: Canadian Minority Francophone Older Adults and Health Disparities. Canadian Public Policy/Analyse de politiques, 2015 (Nov):S44-S52. doi:10.3138/cpp.2014-073. |
| Wanda Martin | | College of Nursing |
| | Research Interests: | public health systems research, food security, health equity, complex adaptive systems |
| | Example of Sustainability-Related Work: | Pauly, B., McDonald, M., Hancock, T., Martin, W., & Perkin, K. (2013). Reducing health inequities: the contribution of core public health services in BC. BMC Public Health, 13:550. DOI: 10.1186/1471-2458-13-550 |
| Ryan Meili | Department: | College of Medicine -- Community Health & Epidemiology |
| | Research Interests: | social accountability, social determinants of health, health policy, HIV/AIDS, syndemics: the interaction between comorbid disease conditions and between comorbid disease conditions and environmental factors/social determinants of health |
| | Example of Sustainability-Related Work: | Global Health Equity – Improving women’s health at home and around the world. Keynote Presentation. Annual Clinical and Scientific Conference, Society of Obstetricians and Gynecologists of Canada. Niagara Falls, ON. June, 2014. |

Colleges of Medicine & College of Nursing

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| Ivar Mendez | Department: | College of Medicine -- Neurosurgery Division |
| | Research Interests: | brain repair, stem cells, robotic neurosurgery and computerized systems in neurosurgical applications, the use of remote presence robotic technology to deliver health care to underserved remote communities in Canada and globally |
| | Example of Sustainability-Related Work: | Mendez I, Jong M, Keays-White D, Turner G (2013). "The use of remote presence for health care delivery in a northern Inuit community: a feasibility study". International Journal of Circumpolar Health 72. PMID 23984292 (http://www.ncbi.nlm.nih.gov/pubmed/?term=23984292) http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3753140/ |

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| Nazeem Muhajarine | Department: | College of Medicine -- Community Health & Epidemiology |
| | Affiliations: | SPHERU |
| | Research Interests: | social epidemiology, population health intervention, maternal and child health, health and place, community-university research collaborations, Built environment, Urban design, community health, Active transportation |
| | Example of Sustainability-Related Work: | Wang J, Engler-Stringer R, Muhajarine N. Assessing the Consumer Food Environment in Restaurants by Neighbourhood Distress Level across Saskatoon, Saskatchewan. Canadian Journal of Dietetic Practice and Research e-First Article: pp. 1-8; doi: 10.3148/cjdpr-2015-031. |

Colleges of Medicine & College of Nursing

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|------------------------|---|---|
| Cordell Neudorf | Department: | College of Medicine -- Community Health & Epidemiology |
| | Research Interests: | health inequities and social-economic antecedents of health inequities, health indicators and health status monitoring |
| | Example of Sustainability-Related Work: | Health Inequality in Saskatchewan: Comparing small area aggregate data and individual linked data in urban and rural environments, Survey and administrative data linkage project working in collaboration with Regional Health Authorities and Regional Intersectoral Committees in Saskatchewan for 2012 – 2015 |

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| Sarah Oosman | | School of Physical Therapy |
| | Research Interests: | aboriginal health, intervention research, culture-based and culturally relevant research, community-based participatory action research, health promotion, mixed research methods, population health, obesity prevention, Type 2 diabetes, chronic conditions, intergenerational and interdisciplinary approaches to health promotion |
| | Example of Sustainability-Related Work: | Aging well in a northern Saskatchewan Metis community (Co-PI: 2014-2019) |

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| Bruce Reeder | Department: | College of Medicine -- Community Health & Epidemiology |
| | Affiliations: | One Health |
| | Research Interests: | global health and One Health, epidemiology and control of infectious diseases: Ebola Virus, vaccine-preventable diseases, tuberculosis, HIV/AIDS, prevention of obesity, cardiovascular disease and the promotion of physical activity, complex adaptive systems and systems thinking |
| | Example of Sustainability-Related Work: | CIHR Strategic Training Initiative in Health Research (STIHR) Public Health and the Agricultural Rural Ecosystem (Co-I: 2009-2015) |

Colleges of Medicine & College of Nursing

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|---------------------------|---|---|
| Michael Schwandt | Department: | College of Medicine -- Community Health & Epidemiology |
| | Research Interests: | population health, social determinants of health, public health practice, healthy environments, cities and urban design, healthy public policy, global health |
| | Example of Sustainability-Related Work: | social determinants of health among migrant workers and impacts of air pollutants on health services utilization |
| Caroline Tait | Department | College of Medicine - Department of Psychiatry |
| | Research Interests: | mental health and addictions among Indigenous peoples, indigenous health and ethical considerations/reconciliation, indigenous health, indigenous social justice, marginalized women |
| | Example of Sustainability-Related Work: | Transformational Research in Adolescent Mental Health-CIHR/Graham Boeckh Foundation: Indigenous adolescent mental health (Co-I: 2014-19). |
| Hassan Vatanparast | Department: | Nutrition |
| | Affiliations: | School of Public Health |
| | Research Interests: | nutritional epidemiology with emphasis on nutrition-related non-communicable diseases, community-based health promotion, public health nutrition, nutritional assessment, analysis of complex health survey data, nutrition and health status of immigrant and refugee population |
| | Example of Sustainability-Related Work: | The impact of socio-economic and cultural factors on household food insecurity of refugees: a comparative study of Afghan refugees at the last country of residence after migration and in Canada |

Colleges of Medicine & College of Nursing

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|---------------------|---|--|
| Kishor Wasan | | Collge of Pharmacy and Nutrition -- Pharmacy |
| | Research Interests: | The Neglected Global Diseases Initiative (NGDI) brings together the technical expertise and perspectives of a variety of disciplines – including bench science, pharmaceutical and health research, business, social policy, and law – to investigate effective ways of breaking down the present barriers to success in producing affordable, life-sustaining medicines for the treatment of the world’s most neglected diseases. |
| | Example of Sustainability-Related Work: | Sachs-Barrable K, Conway J, Gershkovich P, Ibrahim F, Wasan KM. (2014). The use of the United States FDA programs as a strategy to advance the development of drug products for neglected tropical diseases. Drug Dev Ind Pharm. 2014 Feb 11. |

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| Susan Whiting | | Collge of Pharmacy and Nutrition - Nutrition |
| | Research Interests: | dietary assessment and nutritional epidemiology, dietary effects on calcium metabolism, nutrition and osteoporosis, access to healthy food, dietary need in long-term care, bioavailability and safety of nutritional supplements |
| | Example of Sustainability-Related Work: | Mesfin A, C Henry, A Kaler, M Girma, SJ Whiting. (2014) Use of pulse crops in complementary feeding of 6-23 month old infants and 1 young children at Taba kebele, southern Ethiopia. Journal of Public Health in Africa |

Edwards School of Business

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|-------------------------|---|---|
| Maureen Bourassa | Department: | Management and Marketing |
| | Affiliations: | JSGS |
| | Research Interests: | respect in marketing relationships, stakeholder engagement, corporate social responsibility, consumer and public attitudes, nonprofit and performing arts marketing |
| | Example of Sustainability-Related Work: | Deonandan, Kalowatie, Maureen Bourassa, Loleen Berdahl, and Scott Bell, Fedoruk Centre for Nuclear Innovation for “Establishing Social License: Women, Respect, and Stakeholder Engagement in the Nuclear Sector”, 2015-2018. |

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| Isobel Findlay | Department: | Management and Marketing |
| | Affiliations: | CSC, CUISR |
| | Research Interests: | communications, cultures, and communities, diversity in the workplace, Aboriginal and associative organizations, partnerships and governance, and corporate social responsibility, performance indicators, and reporting standards, economic development, community entrepreneurship, and environmental sustainability, cultural and educational policy, gender equity, role of co-operatives in promoting social and economic wellbeing |
| | Example of Sustainability-Related Work: | The Impact of Social Enterprise on Community Strength and Sustainability |

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|-------------------|---|--|
| Dev Mishra | Department: | Finance and Management Science |
| | Research Interests: | corporate finance, corporate governance, corporate social responsibility, ownership structures, CEO ability, mergers & acquisitions, implied cost of capital, corporate innovations, corporate risk taking and international corporate finance |
| | Example of Sustainability-Related Work: | Mishra, D., 2015. Post-Innovation CSR Performance and Market Value, Journal of Business Ethics. |

Edwards School of Business

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| Aloysius Newenham-Kahindi | Department: | Human Resources & Organizational Behaviour |
| | Research Interests: | sustainable development, where I use stakeholder theory to investigate the nature of cross-sector social collaboration, capacity-building (along with subsidiary human resources/employees), learning organizational and cognitive imprinting effects in international management, and their implication for MNEs' performance in subsidiaries. |
| | Example of Sustainability-Related Work: | Newenham-Kahindi, A. (2013). Managing sustainable development through Cross-Cultural Management: Implications for Multinational Enterprises in Developing Countries, in A. Newenham-Kahindi., K. Kamoche., A. Chizema., & K. Mellahi. Effective people management in Africa. Palgrave Macmillan Publishers, UK. (pp. 211-245) |

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| Monica Popa | Department: | Management & Marketing |
| | Research Interests: | situational influences on consumer behavior, social marketing, nonprofits, cause-related marketing, Fair Trade, helping behaviors, the interplay of emotions and cognition, communications and linguistics |
| | Example of Sustainability-Related Work: | Popa, Monica and John Pracejus (2013), "Empathy, Guilt, and Distributive Justice: Understanding Consumers' Intentions to Buy Fair Trade Products," International Association on Public and Nonprofit Marketing (IAPNM) Conference Proceedings. |

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| Lee Swanson | Department: | Management & Marketing |
| | Research Interests: | entrepreneurship, social entrepreneurship, Aboriginal entrepreneurship, community capacity-building through entrepreneurship, and institutional-stakeholder engagement |
| | Example of Sustainability-Related Work: | Zhang, D.D., & Swanson, L.A. (2015). Toward sustainable development in the north: Exploring models of success in community-based entrepreneurship. The Northern Review, 38(1), 99-118. |

Edwards School of Business

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|-------------------------|---|--|
| Chelsea Willness | Department: | Human Resources & Organizational Behaviour |
| | Affiliations: | SENS, CUISR |
| | Research Interests: | business sustainability, corporate social responsibility, organizational reputation, recruitment, stakeholder attraction, impression management, community service learning |
| | Example of Sustainability-Related Work: | Jones, D. A., Willness, C. R., & Heller, K. W. (2016). Illuminating the signals job seekers receive from an employer's community involvement and environmental sustainability practices: Insights into why most job seekers are attracted, others are indifferent, and a few are repelled. <i>Frontiers in Psychology</i> , 7, Article 426, 1-16. doi: 10.3389/fpsyg.2016.00426. |

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| Craig Wilson | Department: | Finance and Management Science |
| | Research Interests: | corporate finance and corporate governance, impact of environmental levies |
| | Example of Sustainability-Related Work: | Min Maung, Craig Wilson, and Xiaobo Tang, 2015. Political Connections and Industrial Pollution: Evidence Based on State Ownership and Environmental Levies in China. <i>Journal of Business Ethics</i> . |

College of Law

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|---------------------|---|---|
| Sarah Buhler | Research Interests: | legal education, legal ethics and the legal profession, poverty, law and access to justice |
| | Example of Sustainability-Related Work: | S Buhler (PI) & A. Dodge (2014-2016). Telephone and Visitor Access in Saskatchewan Correctional Facilities: An Examination of Law, Policy and Experience. Centre for Forensic Behavioural Science and Justice Studies Faculty Research Grant, University of Saskatchewan. |

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|-------------------------|---|---|
| Patricia Farnese | Affiliations: | One Health |
| | Research Interests: | regulation of responses to the zoonotic disease threats, animal health policy and wetland policy, land-use regulations in health promotion, ethical questions arising from the collision of conservation and human rights |
| | Example of Sustainability-Related Work: | Patricia L. Farnese, The Prevention Imperative: International Health and Environmental Governance Responses to Emerging Zoonotic Diseases, Transnational Environmental Law (February 2014) |