

**Inventory of Sustainability Related Research (2019-2020).** STARS defines Sustainability research as research and scholarship that explicitly addresses the concept of sustainability, furthers our understanding of the interdependence of ecological and social/economic systems, or has a primary and explicit focus on a major sustainability challenge.

Faculty	Department	Researcher	Topics (website/faculty information)	Research Database Information
Agriculture	Business and Social Sciences	Cameron, G.	<ul style="list-style-type: none"> <li>•Co-operatives</li> <li>•Food sovereignty</li> <li>•Re-localization</li> <li>•Democratization</li> </ul>	
Agriculture, Management	School of Public Administration, School of Information Management, School for Resource and Environmental Studies, Rowe School of Business, Business & Social Sciences	Charlebois, S.	<ul style="list-style-type: none"> <li>•Food distribution</li> <li>•Food policy</li> <li>•Food safety</li> <li>•Food security</li> </ul>	Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 2. Zero Hunger
Agriculture	Business and Social Sciences	Clark, S.	Economics and environment	
Agriculture	Business and Social Sciences	Dukeshire, S.	<ul style="list-style-type: none"> <li>•Media framing of agriculture</li> <li>•Food choice</li> <li>•Local food</li> <li>•Rural health</li> </ul>	
Agriculture	Business and Social Sciences	Dunlop, D.	<ul style="list-style-type: none"> <li>•International development</li> <li>•International food policy</li> <li>•Food trade policy</li> </ul>	

Agriculture	Business and Social Sciences	Hartt, C.		Building diverse, sustainable, responsible, smart organizations and communities, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 8. Decent Work and Economic Growth, Sustainable and social entrepreneurship
Agriculture	Business and Social Sciences	Kevany, K.	<ul style="list-style-type: none"> <li>•Well-being</li> <li>•Social change</li> <li>•Community development</li> <li>•Sustainable Diets and Food for</li> </ul>	
Agriculture	Business and Social Sciences	Lu, J.	Social and biophysical dimensions of resource and environmental sustainability	Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption
Agriculture	Business and Social Sciences	Richard, T.	<ul style="list-style-type: none"> <li>•Sustainable Agribusiness</li> <li>•Local Food</li> </ul>	
Agriculture	Business and Social Sciences	Yiridoe, E.	<ul style="list-style-type: none"> <li>•Agricultural production economics</li> <li>•Resource and environmental economics</li> </ul>	

Agriculture	Engineering	Al-Mallahi, A.	Engineering systems for sustainable agricultural operations	Clean Tech, Energy, the Environment, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Engineering	Astatkie, T.	Methodological and applied research to address research challenges in various areas including agriculture, environment, hydrology and climate	
Agriculture	Engineering	Chang, Y.K.	Bio-systems	Automation & Robotics to improve the sustainability of the aquaculture and agriculture industry UN Sustainable Goal 2. Zero Hunger, Sustainable aquaculture and agro-ecosystems
Agriculture	Engineering	Esau, T.		Sustainable aquaculture and agro-ecosystems, Clean Tech, Energy, the Environment, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land

Agriculture	Engineering	Havard, P.	<ul style="list-style-type: none"> <li>•Waste management</li> <li>•Environmental management</li> <li>•Energy</li> <li>•Energy efficiency</li> <li>•Sustainability</li> <li>•Conservation</li> <li>•Irrigation</li> <li>•Drainage</li> <li>•Water management and monitoring</li> <li>•Water quality</li> </ul>	
Agriculture	Engineering	He, Q.S.	<ul style="list-style-type: none"> <li>•Biofuels/Bio-refinery</li> <li>•Extraction of Bio active compounds</li> <li>•Biodiesel</li> <li>•Biomass</li> <li>•Catalyst</li> <li>•Energy</li> </ul>	Sustainable aquaculture and agro-ecosystems, Clean Tech, Energy, the Environment, Renewable energy generation, storage and fuels, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Engineering	Martynenko, A.		UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 10. Reduced Inequalities
Agriculture	Engineering	Nguyen-Quang, T.		Clean Tech, Energy, the Environment, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 3. Good Health and Well-Being

Agriculture	Engineering	Niu, H.	<ul style="list-style-type: none"> <li>•Water management and monitoring</li> <li>•Water quality</li> <li>•Sustainability</li> <li>•Waste management</li> <li>•Environmental management</li> <li>•Irrigation</li> <li>•Drainage</li> <li>•Organic contaminants</li> <li>•Water resources</li> <li>•Hydrology</li> <li>•Wastewater</li> </ul>	
Agriculture	Engineering	Price, G.W.	<ul style="list-style-type: none"> <li>•Soil Science</li> <li>•Waste management</li> <li>•Environmental management</li> <li>•Organic contaminants</li> <li>•Wastewater treatment</li> <li>•Biosystems modeling</li> <li>•Water quality</li> <li>•Soil organic matter</li> <li>•Conservation</li> <li>•Soil nutrient dynamics</li> <li>•Soil Health</li> </ul>	Clean Tech, Energy, the Environment, Sustainable aquaculture and agro-ecosystems, Bio-products and bio-resources, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality
Agriculture	Engineering	Quang, T.N.	<ul style="list-style-type: none"> <li>•Water management and monitoring</li> <li>•Water quality</li> </ul>	
Agriculture	Engineering	Yang, J.	<ul style="list-style-type: none"> <li>•Biofuels</li> <li>•Biochemicals production</li> </ul>	
Agriculture	Engineering	Zaman, Q.	<ul style="list-style-type: none"> <li>•Sustainability</li> <li>•Bioinstrumentation</li> <li>•Water quality</li> <li>•Environmental management</li> </ul>	

<p>Agriculture</p>	<p>Plant, Food, and Environmental Sciences</p>	<p>Abbey, L.</p>	<ul style="list-style-type: none"> <li>•Health-based sustainable food systems and food security</li> <li>•Vegetable and fruit production</li> <li>•Domestication of native and wild plants in diversified systems</li> <li>•Soil nutrient management systems</li> <li>•Plant response to biotic and abiotic stress factors</li> <li>•Value addition to compost and compost utilization</li> </ul>	<p>Clean Tech, Energy, the Environment, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, Sustainable aquaculture and agro-ecosystems, Healthy People, Healthy Communities, Healthy Populations, Bio-products and bio-resources, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land, Food Security, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 8. Decent Work and Economic Growth, Clean and NextGen materials, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 6. Clean Water and Sanitation</p>
<p>Agriculture</p>	<p>Plant, Food, and Environmental Sciences</p>	<p>Bandara, N.</p>	<ul style="list-style-type: none"> <li>•Value addition to agriculture and food industry by-products and waste materials</li> <li>•Biobased/renewable polymers and advanced functional materials (Adhesives, bioplastics, biomaterials)</li> <li>•Application of biomimetics in food and polymer science</li> </ul>	<p>Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, Food Security, UN Sustainable Goal 2. Zero Hunger, Bio-products and bio-resources, International development, agriculture, and food technology, UN Sustainable Goal 9. Industry, Innovation and Infrastructure</p>

Agriculture	Plant, Food, and Environmental Sciences	Braiden, H.	<ul style="list-style-type: none"> <li>•Green Infrastructure</li> <li>•Commodification of landscapes</li> <li>•Post-industrial and post-mining landscapes</li> </ul>	
Agriculture	Plant, Food, and Environmental Sciences	Burton, D.	Production and consumption of greenhouse gases in natural and agricultural landscapes, sustainable manure management practices, bioremediation of hydrocarbon contaminated soil and the assessment of the quality of the soil biological environment and its influence on overall soil quality	Sustainable aquaculture and agro-ecosystems, Healthy People, Healthy Communities, Healthy Populations, Social and biophysical dimensions of resource and environmental sustainability, Soil Health, Carbon Sequestration; Resiliency; Valuation of Natural Capital; climate adaptation and mitigation, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Plant, Food, and Environmental Sciences	Caldwell, C.		Sustainable agriculture, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Plant, Food, and Environmental Sciences	Cutler, G.C.	<ul style="list-style-type: none"> <li>•Pollinator risk assessment</li> <li>•Insect toxicology</li> <li>•Conservation biological control</li> <li>•Wild pollinator and natural enemy ecology</li> </ul>	Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 15. Life on Land

<p>Agriculture</p>	<p>Plant, Food, and Environmental Sciences</p>	<p>France, R.</p>	<ul style="list-style-type: none"> <li>•Aquatic repercussions of riparian forestry</li> <li>•Effects of urbanization on the integrity of stream fish communities</li> <li>•Response of lakes, ponds and wetlands to shoreline development</li> <li>•Implications of coastal marina construction on littoral ecology</li> <li>•Riparian processes and how they influence soil erosion</li> <li>•Instream and submerged lakeshore restoration practices</li> <li>•Aquatic remediation of disturbed sites and design of artificial lakes</li> </ul>	
<p>Agriculture</p>	<p>Plant, Food, and Environmental Sciences</p>	<p>Hammermeister, A.M.</p>	<ul style="list-style-type: none"> <li>• Organic agriculture</li> <li>• Agroecology</li> <li>• Cropping systems</li> <li>• Soil fertility and weed management in field crops and fruit orchards</li> <li>• Biodiversity</li> </ul>	



Agriculture	Plant, Food, and Environmental Sciences	Heung, B.		Clean water, clean soil, clean air, Clean Tech, Energy, the Environment; UN Sustainable Goal 13. Climate Action; UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 12. Responsible Production and Consumption
Agriculture	Plant, Food, and Environmental Sciences	Hoyle, J.	<ul style="list-style-type: none"> <li>• Organic agriculture</li> <li>• Environmental chemistry</li> <li>• Organosulfur chemistry</li> <li>• Health of local rivers</li> </ul>	
Agriculture	Plant, Food, and Environmental Sciences	Lada, R.R.	<ul style="list-style-type: none"> <li>• Environmental Sciences, Environmental Stresses &amp; Crop Adaptation</li> <li>• Horticultural Science and Global Agro-ecosystems</li> <li>• Plant Science</li> <li>• Plant, Tree, Seed and Ecophysiology</li> <li>• Environmental Stress physiology and Metabolism - Ecochemicals</li> <li>• Ecological Agriculture Systems</li> </ul>	
Agriculture	Plant, Food, and Environmental Sciences	LeBrasseur, R.	<ul style="list-style-type: none"> <li>• Green Infrastructure</li> <li>• Environmental Psychology</li> <li>• Peri-Urban Landscapes</li> <li>• Ecological Design and Sustainable Planning</li> </ul>	

Agriculture	Plant, Food, and Environmental Sciences	Lynch, D.	<ul style="list-style-type: none"> <li>•Agroecology</li> <li>•Farming Systems</li> <li>•Organic Agriculture</li> <li>•Nutrient Management</li> <li>•Soil Quality and Soil Health</li> </ul>	
Agriculture	Plant, Food, and Environmental Sciences	McLean, N.	<ul style="list-style-type: none"> <li>•Pasture renovation and management</li> <li>•Low cost soil and crop improvement</li> </ul>	
Agriculture	Plant, Food, and Environmental Sciences	Nams, V.O.	Spatial scale of habitat selection of animals - studied by fractal analysis of foraging paths and other types of	
Agriculture	Plant, Food, and Environmental Sciences	Percival, D.	<ul style="list-style-type: none"> <li>•Environmental regulation of carbon assimilation and metabolism (i.e., source-sink relationships)</li> <li>•Impact of environmental stresses on phytochemistry, growth and</li> </ul>	Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land
Agriculture	Plant, Food, and Environmental Sciences	Prithviraj, B.	Marine Bioproducts to Improve Plant, Animal and Human Health	UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption
Agriculture	Plant, Food, and Environmental Sciences	Wang-Pruski, G.	Environment protection in disease management and control	
Agriculture	Plant, Food, and Environmental Sciences	Yurgel, S.	Dynamic and function of soil microbial communities in natural and managed ecosystems to promote the development of efficient and sustainable agricultural	Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action

Agriculture	Animal Science and Aquaculture	Adewole, D.	Poultry nutrition and the environment	Healthy People, Healthy Communities, Healthy Populations, Food Security, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 12. Responsible Production and Consumption
Agriculture	Animal Science and Aquaculture	Barrett, D.		UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 2. Zero Hunger
Agriculture	Animal Science and Aquaculture	Clark, F.		Sustainable Ocean, Changing climate effects on the ocean, Marine risk evaluation, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 14. Life Below Water, Marine biodiversity and wild catch fisheries
Agriculture	Animal Science and Aquaculture	Collins, S.	Sustainable sources of food for present and future generations of humans and animals	UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, United States, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Animal Science and Aquaculture	Colombo, S.	<ul style="list-style-type: none"> <li>• Environmentally sustainable feeds</li> <li>• Impact of climate change on nutrient availability</li> <li>• Metabolism in aquaculture/ecosystems</li> </ul>	Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 2. Zero Hunger, Clean Tech, Energy, the Environment, Sustainable Ocean, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 15. Life on Land
Agriculture	Animal Science and	Fredeen, A.	Environmental impacts of dairy	
Agriculture	Animal Science and	MaLaren, L.A.	Sustainable agriculture	

Agriculture	Animal Science and Aquaculture	Meagher, R.		UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 15. Life on Land
Agriculture	Animal Science and Aquaculture	Miar, Y.		Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 11. Sustainable Cities and Communities
Agriculture	Animal Science and Aquaculture	Patterson, D.	Farm animal biodiversity	
Agriculture	Animal Science and Aquaculture	Stewart-Clark, S.	Shellfish transcriptomic responses to environmental stressors	
Architecture & Planning	Architecture	Cavanagh, E.		Cultural and social development of coastal landscapes and communities, Community Development, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Architecture & Planning	Architecture	Dainese, E.	<ul style="list-style-type: none"> <li>• Architectural and landscape design</li> <li>• Endemic paradigm and African</li> </ul>	

Architecture & Planning	Architecture	Fitzgerald, S.	<ul style="list-style-type: none"> <li>• Productive urban landscapes</li> <li>• Urban agriculture</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land
Architecture & Planning	Architecture	Forren, J.	Innovative building processes,	
Architecture & Planning	Architecture	Lilley, B.	Productive urban landscapes innovative building processes materials research responsive environments	
Architecture & Planning	Architecture	Macy, C.	Waterfront development Culinary landscapes	
Architecture & Planning	Architecture	Mannell, S.	Director of College of Sustainability	
Architecture & Planning	Architecture	Parsons, A.	Cultural sustainability Adaptive reuse of buildings	
Architecture & Planning	Architecture	Savage, N.	Affordable housing	
Architecture & Planning	Architecture	Somerville Venart, C.A.	Architecture, infrastructure, and	
Architecture & Planning	Architecture	Verissimo, C.	Adaptive reuse of bulidings, material research	
Architecture & Planning	Planning	Berglund, L.	<ul style="list-style-type: none"> <li>•Neighborhood change</li> <li>•Uneven development</li> <li>•Urban design</li> <li>•Environmental justice</li> </ul>	Ethics and social justice, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 10. Reduced Inequalities

Architecture & Planning	Planning	Habib, A.	Transportation design management	
Architecture & Planning	Planning	Hostovsky, C.	<ul style="list-style-type: none"> <li>•Sustainable and Equitable City Infrastructure – Municipal Solid-Waste Management (3Rs), Transportation, Pedestrian and Cycling Design, Potable Water/Wastewater</li> <li>•Environmental Planning &amp; Impact Assessment/Greenway Planning/Resilience</li> <li>•Transit-Oriented Development, Travel Demand Management</li> <li>•Land Use Planning - New Urbanism, Official Plans &amp; Zoning, Urban Design</li> <li>•Environmental Planning for First Nations – Traditional Land and</li> </ul>	
Architecture & Planning	Planning	Macedo, J.	•Urban planning and sustainability	
Architecture & Planning	Planning	Manuel, P.	Environmental planning with a focus on climate change adaptation planning, wetlands interpretation and management, watershed planning and management, and	
Architecture & Planning, Medicine	Planning, Department of Community Health and Epidemiology	Terashima, M.	<p>Methods of measuring various social and built environmental forces that create systematic inequalities in health and well-being among different groups of people across different places</p>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities
Architecture & Planning	Planning	Thomas, R.	Transportation policy and planning	

Arts & Social Sciences	English	Haslam, J.	Founding member of Social Sciences and Humanities Oceans Research & Education; in-progress research on representations of Energy Cultures (incl. petroculture and offshore oil); see <a href="https://sshoresite.wordpress.com/2019/01/03/whales-workers-the-">https://sshoresite.wordpress.com/2019/01/03/whales-workers-the-</a>	
Arts & Social Sciences	English	Wright, J.M.	Co-founder of Social Sciences and Humanities Oceans Research & Education, a network that includes faculty from King's, Dal, and MUN. Blogs published in 2018-19 by Karen Foster (SOSA), Julia Poertner (German), Jason Haslam (English), and J.M. Wright	
Arts & Social Sciences	English	Van der Marel, C.	Climate change and the	
Arts & Social Sciences	English	Vautour, B.	Social justice and inequality	UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions.
Arts & Social Sciences	Fountain School of Performing Arts	Bain, J.		UN Sustainable Goal 5. Gender Equality,
Arts & Social Sciences	Fountain School of Performing Arts	Joubert, E.		UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 5. Gender Equality
Arts & Social Sciences	History	Binkley, L.	Indigenous and settler women's	

Arts & Social Sciences	History, Sociology and Social Anthropology	Cooper, A.	Social justice and inequality African diaspora Body and embodiment Critical race theory Decolonizing studies and methodologies Gender Slavery, abolition and freedom Africa	
Arts & Social Sciences	History, International Development Studies	Parasram, A.	Colonial, Postcolonial, Anti-Colonial, Settler-colonial studies, and Decolonial options Critical development studies and global history Racial fragility and structural white supremacy	
Arts & Social Sciences	History	Wright, A.		Clean Tech, Energy, the Environment, UN Sustainable Goal 15. Life on Land
Arts & Social Sciences	International Development Studies	Cameron, J.D.	<ul style="list-style-type: none"> <li>•Advocacy strategies of Civil Society Organizations</li> <li>•Public Engagement strategies and representations of 'development' in the global North</li> <li>•Cosmopolitan theory and global citizenship</li> <li>•Indigenous and peasant social movement</li> <li>•Andean politics (Bolivia, Ecuador,</li> </ul>	UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 17. Partnerships for the Goals



Arts & Social Sciences	International Development Studies	Huish, R.	<ul style="list-style-type: none"> <li>•Global Health</li> <li>•Cuban Development</li> <li>•Activism and Social Justice</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 1. No Poverty,
Arts & Social Sciences	International Development Studies	Mannathukkaren, N.	<ul style="list-style-type: none"> <li>•Left and communist movements</li> <li>•Development and democracy</li> </ul>	Ethics and social justice, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Arts & Social Sciences	International Development Studies	Schnurr, M.	<ul style="list-style-type: none"> <li>•Environment and development</li> <li>•Political ecology</li> <li>•Agricultural biotechnology</li> <li>•Environmental justice</li> </ul>	Sustainable aquaculture and agro-ecosystems, Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 2. Zero Hunger
Arts & Social Sciences	International Development Studies	Ulicki, T.	<ul style="list-style-type: none"> <li>•Gender and development</li> <li>•Gender equity and organizations</li> </ul>	
Arts & Social Sciences	International Development Studies	Boutet, A.	<ul style="list-style-type: none"> <li>•Latin American development issues</li> <li>•Environment and development</li> <li>•Participatory communication</li> </ul>	
Arts & Social Sciences	Philosophy	Fenton, A.	Animal Ethics	
Arts & Social Sciences	Philosophy	Jeffers, C.		Multiculturalism; race; racism; anti-racism; African Canadians, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, 4.0 Culture, Society, Community Development

Arts & Social Sciences	Political Science	Arthur, P.	<ul style="list-style-type: none"> <li>•African Politics and development</li> <li>•Conflict and cooperation in extractive sectors</li> <li>•Global development</li> <li>•Post-conflict reconstruction and transitional justice</li> </ul>	
Arts & Social Sciences	Political Science	Banerjee, K.	Global Justice and International Ethics, Forced Migration and Refugee Studies	Immigration and migration settlement and integration, , Ethics and social justice, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities
Arts & Social Sciences	Political Science	Black, D.	<ul style="list-style-type: none"> <li>•Canada's role in Sub-Saharan Africa</li> <li>•Development assistance</li> <li>•Global governance</li> </ul>	Ethics and social justice, Building diverse, sustainable, responsible, smart organizations and communities, International development, agriculture, and food technology, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 5. Gender Equality
Arts & Social Sciences	Political Science	Bow, B.		Immigration and migration settlement and integration, UN Sustainable Goal 16. Peace, Justice and Strong Institutions

Arts & Social Sciences	Political Science, Gender and Women's Studies	Denike, M.	<ul style="list-style-type: none"> <li>•Feminist and queer philosophies</li> <li>•Human rights (theory, institutions, politics)</li> <li>•Political activism of sexual and racial minorities</li> <li>•State-sanctioned discrimination</li> </ul>	
Arts & Social Sciences	Political Science	Fierlbeck, K.	<p>Human rights (theory, institutions, politics)</p> <p>Canadian social union</p> <p>Comparative health policy</p> <p>Health care politics</p> <p>Healthcare governance</p>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, United States, UN Sustainable Goal 10. Reduced Inequalities
Arts & Social Sciences	Political Science	Hayden, A.	<ul style="list-style-type: none"> <li>•Critical perspectives on economic growth: politics of sufficiency</li> <li>•Alternative measurements of prosperity and wellbeing ("Beyond GDP")</li> <li>•Ecological modernization / green growth</li> <li>•Sustainable consumption</li> </ul>	
Arts & Social Sciences	Political Science	Manning, S.	Politics of resource extraction and development, the politics of community inclusion and exclusion in governance, gender and diversity analysis as tools for policymaking, and the politics of sexual and gender-	
Arts & Social Sciences	Political Science	Sarson, L.	<ul style="list-style-type: none"> <li>•Indigenous Global Politics</li> <li>•Arctic Studies</li> <li>•Gender and International Relations</li> </ul>	Reconciliation and Indigenous peoples; UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 16. Peace, Justice and Strong Institutions

Arts & Social Sciences	Political Science	Zaiotti, R.		Immigration and migration settlement and integration, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions. UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 11. Sustainable Cities and Communities,
Arts & Social Sciences	Sociology and Social Anthropology	Bryan, T.	<ul style="list-style-type: none"> <li>•Policing</li> <li>•Hate Crime</li> <li>•Race and Racism</li> <li>•Criminal Justice</li> <li>•Diversity and Multiculturalism</li> </ul>	UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Arts & Social Sciences	Sociology and Social Anthropology	DuBois, L.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Social justice and inequality</li> <li>•Latin America</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Eramian, L.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Social justice and inequality</li> <li>•Ethnicity</li> <li>•Violence and genocide</li> <li>•Africa</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Fitting, E.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Food and food movements</li> <li>•Migration</li> <li>•Political Economy</li> <li>•Biotechnology</li> <li>•Gender</li> <li>•Latin America</li> </ul>	Culture, Society, Community Development, Food Security, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 11. Sustainable Cities and Communities

Arts & Social Sciences	Sociology and Social Anthropology	Foster, K.	Economy, work and development	Sustainable aquaculture and agro-ecosystems, Healthy People, Healthy Communities, Healthy Populations, Building diverse, sustainable, responsible, smart organizations and communities, Community, population and Indigenous health and well-being, Changing climate effects on the ocean, Cultural and social development of coastal landscapes and communities, Clean water, clean soil, clean air, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 4. Quality Education, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption
Arts & Social Sciences	Sociology and Social Anthropology	Gambold, L.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Critical health studies</li> <li>•Gender and sexuality</li> <li>•Migration - immigration</li> <li>•Political economy</li> <li>•Post-socialism</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Gardiner Barber, P.		UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities
Arts & Social Sciences	Sociology and Social Anthropology	Gazit, T.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Environmental studies</li> </ul>	

Arts & Social Sciences	Sociology and Social Anthropology	Guy, J-S.	<ul style="list-style-type: none"> <li>•Economy, work and development</li> <li>•Globalization</li> </ul>	
Arts & Social Sciences	Sociology and Social	Helland, C.	Social justice and inequality	
Arts & Social Sciences	Sociology and Social Anthropology	Martin, F.S.	<ul style="list-style-type: none"> <li>•Gender</li> <li>•Poverty and social marginalization</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Noble, B.	<ul style="list-style-type: none"> <li>•Social justice and inequality</li> <li>•Decolonizing studies and methodologies</li> <li>•Indigenous peoples</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Oakley, R.	<ul style="list-style-type: none"> <li>•Race and Ethnicity</li> <li>•Decolonizing Studies and Methodologies</li> <li>•Social Justice and Inequality</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being
Arts & Social Sciences	Sociology and Social	Radice, M.	•Social justice and inequality	
Arts & Social Sciences	Sociology and Social Anthropology	Robinson, M.	<ul style="list-style-type: none"> <li>•Social justice and inequality</li> <li>•Indigenous peoples</li> <li>•Gender</li> <li>•Substance use</li> <li>•Food &amp; food movements</li> </ul>	
Arts & Social Sciences	Sociology and Social Anthropology	Whelan, E.		Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 5. Gender Equality
Arts & Social Sciences	Sociology and Social Anthropology	Yoshida, Y.	<ul style="list-style-type: none"> <li>•Social justice and inequality</li> <li>•Ethnicity</li> <li>•Race</li> <li>•Migration - immigration</li> </ul>	

Engineering	Civil and Resource Engineering	Bahrani, N.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Civil and Resource Engineering	Corkum, A.		Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Civil and Resource Engineering	Dickson, C.	Research and development of innovative sustainable design solutions for built infrastructure	
Engineering	Civil and Resource Engineering	El Naggar, H.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action
Engineering	Civil and Resource Engineering	Gagnon, G.	Water quality, water treatment and environmental systems analysis	Sustainable aquaculture and agro-ecosystems, Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Civil and Resource Engineering	Garagash, D.	Fluid-driven fractures in the subsurface as pertain to hydrocarbon recovery, carbon sequestration, dykes and	
Engineering, Architecture and Planning	Civil and Resource Engineering, School of Planning	Habib, A.	Integrated Transportation, Land Use and Energy Modeling Sustainability Indicators and Issues in Transportation	

Engineering	Civil and Resource Engineering	Jamieson, R.	<ul style="list-style-type: none"> <li>•Hydrology</li> <li>•Ecological engineering</li> <li>•Contaminant transport</li> <li>•Watershed modelling</li> <li>•Alternative wastewater treatment</li> </ul>	Clean water, clean soil, clean air, Health and Wellness, water resources, wastewater, Community, population and Indigenous health and well-being, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action
Engineering	Civil and Resource Engineering	Kurylyk, B.	<ul style="list-style-type: none"> <li>•Climate change impacts</li> <li>•Ecohydrology</li> </ul>	Sustainable Ocean, Changing climate effects on the ocean, Sustainable aquaculture and agro-ecosystems, Community, population and Indigenous health and well-being, Clean water, clean soil, clean air, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action
Engineering	Civil and Resource Engineering	Lake, C.	<ul style="list-style-type: none"> <li>•Geoenvironmental</li> <li>•Barriers</li> <li>•Contaminant Migration</li> </ul>	



Engineering	Civil and Resource Engineering	Liu, L.	Simulation-optimization modeling for groundwater management, site remediation system design, modeling of air/water/waste pollution control systems, and	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Civil and Resource Engineering	Liu, Y.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 15. Life on Land
Engineering	Civil and Resource Engineering	Newhook, J.		Clean and NextGen materials, Clean Tech, Energy, the Environment, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Civil and Resource Engineering	Nouman, A.	Use of recycled materials in highway construction, pavement design and management, highway materials, weigh-in-motion, and quality	
Engineering	Civil and Resource Engineering	Oudah, F.		UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities

Engineering	Civil and Resource Engineering	Sadeghian, P.	Innovative and more sustainable solutions that can be applied to different features of civil engineering infrastructure; including buildings, bridges, water front structures, and underground structures; specially those ones interacting with soil and	UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action
Engineering	Civil and Resource Engineering	Satish, M.	Application of boundary element techniques for studying pollutant movement in the Halifax Harbour	
Engineering	Civil and Resource Engineering	Stoddart, A.	Water Quality and Treatment	Sustainable Ocean, Healthy People, Healthy Communities, Healthy Populations, Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, Nano plastic, Microplastic, Microfiber, Municipal wastewater, Field flow fractionation, Trace metals, Marine and environmental law, policy and governance, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Civil and Resource Engineering	Tousignant, K.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure.

Engineering	Civil and Resource Engineering	Walsh, M.	<ul style="list-style-type: none"> <li>•Filter backwash water (FBWW) recovery and reuse</li> <li>•Impact of FBWW recycle on WTP operations &amp; finished water quality</li> <li>•Recovery of backwash water wastes from membrane systems</li> <li>•Active treatment systems for acid mine drainage (AMD)</li> <li>•Offshore oil and gas produced water treatment</li> </ul>	Clean water, clean soil, clean air, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Electrical & Computer Engineering	Bousquet, J-F.		Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 9. Industry, Innovation and Infrastructure. UN Sustainable Goal 14. Life Below Water. UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities. UN Sustainable Goal 7. Affordable and Clean Energy.

Engineering	Electrical & Computer Engineering	Cada, M.		Ocean engineering, networks, communications, materials and tidal energy, Renewable energy generation, storage and fuels, Clean and NextGen materials, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 17. Partnerships for the Goals
Engineering	Electrical & Computer Engineering	Hughes, L.	<ul style="list-style-type: none"> <li>•Resilience and adaptation in energy systems</li> <li>•Energy security and climate change</li> <li>•Energy policy</li> </ul>	
Engineering	Electrical & Computer Engineering,	Freund, M.	Solar fuels	UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Electrical & Computer	Little, T.	•Wind Energy and Renewable	

Engineering	Electrical & Computer Engineering	Sieben, V.		Sustainable Ocean, Sustainable aquaculture and agro-ecosystems, Clean water, clean soil, clean air, Food Security, Changing climate effects on the ocean, Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Engineering	Engineering Mathematics & Internetworking, Civil and Resource Engineering	Fenton, G.	<ul style="list-style-type: none"> <li>•Effects of climate change on climatic loads</li> <li>•Risks associated with carbon capture and storage</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering, Science	Engineering Mathematics & Internetworking, Oceanography	Gentleman, W.C.	Research aims to improve our understanding of how varying environmental conditions effect the structure and function of marine ecosystems and populations	UN Sustainable Goal 14. Life Below Water, Sustainability, Conservation, Population Connectivity, Models, Sustainable Ocean Conservation of Marine Biodiversity

Engineering	Industrial Engineering	Cyrus, J.		Sustainable Ocean, Healthy People, Healthy Communities, Healthy Populations, Clean Tech, Energy, the Environment, Community Development, Food Security, Indigenous Research, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 3. Good Health and Well-Being
Engineering	Industrial Engineering	Diallo, C.	<ul style="list-style-type: none"> <li>•Remanufacturing and Sustainability</li> <li>•Closed Loop Supply Chains Design and Management</li> </ul>	UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 3. Good Health and Well-Being
Engineering	Industrial Engineering	Goerlandt, F.	<ul style="list-style-type: none"> <li>•Oil Spills from Ships</li> <li>•Oil Spill Response</li> <li>•Arctic Shipping</li> </ul>	Sustainable Ocean, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 3. Good Health and Well-Being, Changing climate effects on the ocean, Marine and environmental law, policy and governance, Clean water, clean soil, clean air, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water

Engineering	Industrial Engineering	Kamal, N.		Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 10. Reduced Inequalities
Engineering, Science	Industrial Engineering, Marine Affairs	Pelot, R.	<ul style="list-style-type: none"> <li>•Maritime Traffic Modelling and Risk Analysis</li> <li>•Arctic Shipping</li> <li>•Search and Rescue Planning</li> <li>•Environment Risk Analysis</li> <li>•Coastal Zone Management</li> <li>•Carbon Capture and Storage Risks</li> </ul>	UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Industrial Engineering	Saif, A.	<ul style="list-style-type: none"> <li>•Sustainable Supply Chains</li> <li>•Hybrid Renewable Energy Systems</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, Marine and environmental law, policy and governance, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities UN Sustainable Goal 3. Good Health and Well-Being,
Engineering, Management	Industrial Engineering, Rowe School of Business, School for Resource and Environmental Studies	Ülkü, A.	Development of practical logistics policies for green supply chains, and such interdisciplinary topics as behavioural issues in operations management, sustainable	

Engineering	Industrial Engineering	Vanberkel, P.		Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 10. Reduced Inequalities.
Engineering	Industrial Engineering	Venkatadri, U.		Clean Tech, Energy, the Environment, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption. UN Sustainable Goal 8. Decent Work and Economic Growth
Engineering	Mechanical Engineering	Allen, P.	<ul style="list-style-type: none"> <li>•Solar thermal energy utilization</li> <li>•Liquid flat-plate collectors</li> <li>•Manufacture of solar thermal</li> </ul>	
Engineering	Mechanical Engineering	Bishop, D.P.		Clean Tech, Energy, the Environment, Clean and NextGen materials, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Mechanical Engineering	Corbin, S.F.		Clean Tech, Energy, the Environment, Clean and NextGen materials, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 9. Industry, Innovation and Infrastructure,
Engineering	Mechanical Engineering	Doman, D.		Clean and NextGen materials, UN Sustainable Goal 9. Industry, Innovation and Infrastructure



Engineering	Mechanical Engineering, Process Engineering & Applied Science	Farhat, Z.		UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Mechanical Engineering	Groulx, D.		UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Mechanical Engineering	Johnston, C.		Healthy People, Healthy Communities, Healthy Populations, Sustainable Ocean, Ocean engineering, networks, communications, materials and tidal energy, Clean and NextGen materials, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Mechanical Engineering	Joseph, A.	<ul style="list-style-type: none"> <li>•Sustainable energy</li> <li>•“Smart” energy systems</li> <li>•Energy control</li> <li>•Monitoring and data – acquisition systems</li> <li>•Energy data analytics</li> </ul>	
Engineering	Mechanical Engineering	Kalamkarov, A.		Clean Tech, Energy, the Environment, Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Mechanical Engineering	Militzer, J.	Energy	

Engineering	Mechanical Engineering	Nasiri, A.		Clean and NextGen materials, Clean Tech, Energy, the Environment, Sustainable Ocean, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Mechanical Engineering	Swan, L.	<ul style="list-style-type: none"> <li>•Renewable energy (solar, wind, tidal)</li> <li>•Energy storage <ul style="list-style-type: none"> <li>oManagement methodologies</li> <li>oTemporally shift loads for demand side management (DSM)</li> <li>oStore variable renewable energy</li> <li>oLithium-ion and lead-acid chemistries</li> </ul> </li> <li>•Electric vehicles <ul style="list-style-type: none"> <li>oBattery energy storage</li> <li>oElectric drive systems</li> </ul> </li> </ul>	Clean Tech, Energy, the Environment, Renewable energy generation, storage and fuels, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities
Engineering	Mechanical Engineering	Seto, M.		Healthy People, Healthy Communities, Healthy Populations, Ocean engineering, networks, communications, materials and tidal energy, Changing climate effects on the ocean, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 16. Peace, Justice and Strong Institutions

Engineering	Mechanical Engineering	Ugursal, I.	<ul style="list-style-type: none"> <li>•Energy</li> <li>•Thermo/Fluids</li> <li>•Energy System Modeling</li> <li>•Residential Energy Consumption</li> <li>•Advanced Power Cycles</li> </ul>	
Engineering	Process Engineering & Applied Science	Brooks, S.	Waste utilization and treatment	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 12. Responsible Production and Consumption, Clean Tech, Energy, the Environment, Bio-products and bio-resources
Engineering	Process Engineering & Applied Science	Budge, S.M.		Changing climate effects on the ocean, Bio-products and bio-resources, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 3. Good Health and Well-Being,
Engineering	Process Engineering & Applied Science	Donaldson, A.		Sustainable aquaculture and agro-ecosystems, Renewable energy generation, storage and fuels, Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 3. Good Health and Well-Being

Engineering	Process Engineering & Applied Science	Haelssig, J.B.	Improving energy demanding separation processes, specifically focusing on biofuels production processes.	Marine risk evaluation, Clean Tech, Energy, the Environment, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 7. Affordable and Clean Energy
Engineering	Process Engineering & Applied Science	Kermanshahi-Pour, A.	<ul style="list-style-type: none"> <li>•Bioenergy</li> <li>•Natural products extraction</li> <li>•Biodegradation pathway of contaminants</li> <li>•Bioremediation of contaminants</li> </ul>	Clean Tech, Energy, the Environment, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 7. Affordable and Clean Energy
Engineering	Process Engineering & Applied Science	Scott, A.		Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, Clean and NextGen materials, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Engineering	Process Engineering & Applied Science	Sokolenko, S.		Clean Tech, Energy, the Environment, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption
Law	Law	Baxter, J.		UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities

Law, Science, Arts & Social Sciences	Law, Marine Affairs, International Development Studies	Chircop, A.	<ul style="list-style-type: none"> <li>•Arctic shipping</li> <li>•Canadian maritime law</li> <li>•International maritime law</li> <li>•International law of the sea</li> <li>•Ocean law and policy</li> </ul>	Marine and environmental law, policy and governance, Changing climate effects on the ocean, UN Sustainable Goal 16. Peace, Justice and Indigenous rights, marine environment protection
Law	Law	Doelle, M.	<ul style="list-style-type: none"> <li>•Climate change</li> <li>•Environmental law</li> <li>•International environmental law</li> <li>•Marine law</li> <li>•Energy law</li> <li>•Ocean governance</li> </ul>	
Law	Law	Erdman, J.		Healthy People, Healthy Communities, Healthy Populations, Ethics and social justice, Building diverse, sustainable, responsible, smart organizations and communities, social protection, mobility restrictions, human rights, gender equality, sexual and reproductive justice, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities
Law	Law	Ginn, D.	<ul style="list-style-type: none"> <li>•Aboriginal law</li> </ul>	UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Law, Health	Law, School of Health Administration	Lahey, W.	<ul style="list-style-type: none"> <li>•Environmental regulation</li> <li>•Environmental law</li> <li>•Energy law</li> </ul>	
Law	Law	Lazare, J.	<ul style="list-style-type: none"> <li>•Nonhuman animals and the law</li> </ul>	UN Sustainable Goal 16. Peace, Justice and Strong Institutions, animal law
Law	Law	Llewellyn, J.	Ethics and social justice	UN Sustainable Goal 16. Peace, Justice and Strong Institutions

Law	Law	MacIntosh, C.	<ul style="list-style-type: none"> <li>•Indigenous health governance</li> </ul>	
Law, Science	Law, Marine Affairs	McConnell, M.	<ul style="list-style-type: none"> <li>•Environmental law</li> </ul>	
Law	Law	Metallic, N.	<ul style="list-style-type: none"> <li>•Aboriginal law</li> <li>•Indigenous law</li> <li>•Equality and human rights law</li> </ul>	Indigenous peoples, law reform, Reconciliation and Indigenous peoples, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 17. Partnerships for the Goals
Law, Faculty of Management	Law, School of Public Administration	Pictou, S.	<ul style="list-style-type: none"> <li>•Mi'kmaw &amp; Indigenous Land and Water-Based Governance</li> <li>•Indigenous Food Systems</li> <li>•Indigenous Women's Political Life</li> <li>•Rights and Activism</li> <li>•Treaty Relations and Rights</li> <li>•Mi'kmaw &amp; Indigenous Land-Based Learning Practices</li> <li>•Decolonization &amp; Resurgence</li> <li>•Multi-scalar Indigenous Peoples' Movements</li> <li>•Indigenous &amp; Small-Scale Fisheries Movements</li> </ul>	Indigenous women, Indigenous feminism, anti-colonial, resource extraction, political ecology, Community, population and Indigenous health and well-being, Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 17. Partnerships for the Goals
Law, Management	Law, School for Resource and Environmental Studies	Saunders, P.M.	<ul style="list-style-type: none"> <li>•Law of the sea</li> <li>•Environmental law</li> <li>•International environmental law</li> <li>•International law</li> <li>•Oil and gas law</li> </ul>	

Law	Law	Seck, S.	<ul style="list-style-type: none"> <li>•Business, Human Rights &amp; Environment</li> <li>•International Environmental Law</li> <li>•Sustainable Development &amp; Natural Resources Law</li> <li>•Climate Justice</li> </ul>	<p>Marine and environmental law, policy and governance, Reconciliation and Indigenous peoples, Changing climate effects on the ocean, Social and biophysical dimensions of resource and environmental sustainability, Ethics and social justice, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 12. Responsible Production and Consumption</p>
Law, Science	Law, Marine Affairs	Vanderzwaag, D.	<ul style="list-style-type: none"> <li>•Environmental law</li> <li>•International environmental law</li> <li>•Fisheries law and policy</li> <li>•Transboundary resource management</li> <li>•Species at risk protection</li> </ul>	

Law	Law	Wildeman, S.		Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Management	Information Management	MacDonald, B.	Environment management, fisheries management, grey literature, information networks, information use and influence, integrated coastal and oceans management, marine and oceans issues, marine governance, public policy and decision making, science-policy	
Management	School of Information Management	Smit, M.		Sustainable Ocean, Social and biophysical dimensions of resource and environmental sustainability, Reconciliation and Indigenous peoples, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 17. Partnerships for the Goals



Management	Information Management	Toze, S.		Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, Sustainable aquaculture and agro-ecosystems, Building diverse, sustainable, responsible, smart organizations and communities, Sustainable and social entrepreneurship, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 10. Reduced Inequalities
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<p>Management</p>	<p>School for Resource and Environmental Studies</p>	<p>Adams, M.</p>	<ul style="list-style-type: none"> <li>•Policy</li> <li>•Industrial sustainability</li> <li>•Renewable energy</li> <li>•Industrial ecology</li> <li>•Industrial symbiosis</li> <li>•Resource efficiency</li> <li>•Sustainable development</li> <li>•Public engagement</li> </ul>	<p>Clean Tech, Energy, the Environment, Building diverse, sustainable, responsible, smart organizations and communities, Food Security, Food policy, access and distribution, Healthy People, Healthy Communities, Healthy Populations, Clean Tech, Energy, the Environment, Clean water, clean soil, clean air, Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 6. Clean Water and Sanitation,</p>
<p>Management</p>	<p>School for Resource and Environmental Studies</p>	<p>Beazley, K.</p>	<ul style="list-style-type: none"> <li>•Biodiversity</li> <li>•Ecosystems</li> <li>•Indigenous perspectives</li> <li>•Protected area system planning</li> <li>•Conservation biology</li> <li>•Landscape ecology</li> <li>•Environmental ethics</li> <li>•Biodiversity conservation</li> </ul>	<p>Wildlife conservation; biodiversity; protected areas, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 17. Partnerships for the Goals</p>

Management	School for Resource and Environmental Studies	Côté, R.P.	<ul style="list-style-type: none"> <li>•Interdisciplinary management of chemicals and wastes</li> <li>•The management of land-based sources of marine pollution</li> <li>•The relationship between business and environment</li> <li>•Industrial ecology</li> </ul>	
Management	School for Resource and Environmental Studies	Duinker, P.	<ul style="list-style-type: none"> <li>•Forest</li> <li>•Biodiversity</li> <li>•Public engagement</li> <li>•Environmental assessment</li> <li>•Resource management</li> <li>•Climate change</li> <li>•Urban forests</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 15. Life on Land
Management, College of Sustainability	School for Resource and Environmental Studies, College of Sustainability	Medeiros, A.	<ul style="list-style-type: none"> <li>•Water Security</li> <li>•Community-based research and engagement</li> <li>•Freshwater sustainability</li> <li>•Paleoecology</li> <li>•Biogeography</li> <li>•Conservation Science</li> <li>•Arctic ecosystems</li> </ul>	Clean Tech, Energy, the Environment, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 11. Sustainable Cities and Communities,

<p>Management</p>	<p>School for Resource and Environmental Studies</p>	<p>Sherren, K.</p>	<ul style="list-style-type: none"> <li>•Climate adaptation</li> <li>•Ecosystem services</li> <li>•Energy</li> <li>•Environmental education</li> <li>•Food</li> <li>•Landscape values</li> <li>•Water</li> <li>•Spatial and visual methods</li> </ul>	<p>ecosystem services, resilience, natural resource management, complex systems, environmental monitoring, ecosystem modelling, landscape ecology, global change, translational science, sustainability science, Cultural and social development of coastal landscapes and communities, Social and biophysical dimensions of resource and environmental sustainability, Building diverse, sustainable, responsible, smart organizations and communities, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 13. Climate Action, coastal adaptation, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, ce, sustainability science, McGill, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land</p>
<p>Management</p>	<p>School for Resource and Environmental Studies</p>	<p>Steenberg, J.</p>		<p>Healthy People, Healthy Communities, Healthy Populations, Clean Tech, Energy, the Environment, Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action</p>

Management	School for Resource and Environmental Studies	Tyedmers, P.H.	<ul style="list-style-type: none"> <li>•Food</li> <li>•Ecosystems</li> <li>•Industrial sustainability</li> <li>•Life cycle assessment</li> <li>•Seafood</li> <li>•Ecological economics</li> <li>•Carbon footprint</li> <li>•Ecosystem services</li> </ul>	Climate Smart Soils, GHG emissions from agriculture, Sustainable aquaculture and agro-ecosystems, Social and biophysical dimensions of resource and environmental sustainability, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Management	School for Resource and Environmental Studies	Walker, T.	<ul style="list-style-type: none"> <li>•Biodiversity conservation</li> <li>•Freshwater and marine systems</li> <li>•Health and environmental justice</li> <li>•Industrial sustainability</li> <li>•Urban and regional issues</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, Sustainable aquaculture and agro-ecosystems, Sustainable Ocean, Marine and environmental law, policy and governance, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 14. Life Below Water
Management, College of Sustainability	School for Resource and Environmental Studies, College of Sustainability	Zurba, M.	<ul style="list-style-type: none"> <li>•Environmental governance</li> <li>•Collaboration</li> <li>•Indigenous Perspectives and leadership in environmental management and governance</li> <li>•Learning</li> <li>•Qualitative methodologies</li> <li>•Social justice</li> </ul>	

Management	Rowe School of Business	Beaubien, L.		International development, agriculture, and food technology, Sustainable and social entrepreneurship, Clean Tech, Energy, the Environment, Healthy People, Healthy Communities, Healthy Populations, Sustainable aquaculture and agro-ecosystems, Clean and NextGen materials, Renewable energy generation, storage and fuels, Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 11. Sustainable Cities and Communities UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 10. Reduced Inequalities
Management	Rowe School of Business	Carvalho, S.		UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 3. Good Health and Well-Being
Management	Rowe School of Business	Crumley, E.T.		UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Management	Rowe School of Business	Cunningham, P.	Ethics and corporate social	
Management	Rowe School of Business	Fooladi, I.	Sustainable value creation	

Management, Medicine	Rowe School of Business, Department of Community Health and Epidemiology, School for Resource and Environmental Studies	Guernsey, J.	<ul style="list-style-type: none"> <li>•Health and safety in Agriculture (pesticides), Fisheries and Forestry</li> <li>•Societal Systems Influences on the Health and Well-being of Rural People, Especially Women</li> <li>•Housing and Indoor Residential Environments and Health Health and safety in agriculture (pesticides), fisheries and forestry- epidemiology and interventions</li> </ul>	Marine and environmental law, policy and governance, Healthy People, Healthy Communities, Healthy Populations, Social and biophysical dimensions of resource and environmental sustainability, Building diverse, sustainable, responsible, smart organizations and communities, Food Security, Sustainable aquaculture and agro-ecosystems, International development, agriculture, and food technology, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 8. Decent Work and Economic Growth, South Africa, USA, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 12. Responsible Production and Consumption
Management	Rowe School of Business, School for Resource and Environmental Studies	Sheehan, L.R.	<ul style="list-style-type: none"> <li>•Sustainable development</li> </ul>	Building diverse, sustainable, responsible, smart organizations and communities, Social and biophysical dimensions of resource and environmental sustainability, Changing climate effects on the ocean, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action
Management	Rowe School of Business	Weigand, H.	<ul style="list-style-type: none"> <li>•Indigenous perspectives and decolonization</li> </ul>	

Management	Rowe School of Business	Williams, K.	<ul style="list-style-type: none"> <li>•Corporate social responsibility</li> <li>•Sustainability</li> </ul>	Sustainable and social entrepreneurship, Ethics and social justice, UN Sustainable Goal 4. Quality Education, Sustainable and social entrepreneurship, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 17. Partnerships for the Goals
Management	Rowe School of Business	Ülkü, M.A.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 11. Sustainable Cities and Communities,
Science	Biology	Bentzen, P.	Conservation	Sustainable Ocean, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 14. Life Below Water
Science	Biology	Bertrand, E.		Changing climate effects on the ocean, Sustainable Ocean, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water. 1.1 Changing climate effects on the ocean, Sustainable Ocean
Science	Biology	Ferrier, J.	<ul style="list-style-type: none"> <li>•Ethnobotany</li> <li>•Metabolomics</li> <li>•Indigenous Studies</li> </ul>	



Science	Biology	Hutchings, J.	Conservation biology	UN Sustainable Goal 14. Life Below Water, Sustainable Ocean, Changing climate effects on the ocean, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Biology	Iverson, S.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, Sustainable Ocean, Marine risk evaluation, Community, population and Indigenous health and well-being, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Biology	LaRoche, J.		Sustainable Ocean, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 13. Climate Action, Changing climate effects on the ocean
Science	Biology	Lotze, H.		Sustainable Ocean, Changing climate effects on the ocean, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water

Science	Biology	MacNeil, A.	<ul style="list-style-type: none"> <li>•Fisheries</li> <li>•Conservation</li> <li>•Statistics</li> <li>•Social-ecological systems</li> </ul>	<p>Sustainable Ocean, Changing climate effects on the ocean, Sustainable aquaculture and agro-ecosystems, Cultural and social development of coastal landscapes and communities, Community, population and Indigenous health and well-being, Sustainable aquaculture and agro-ecosystems, Marine biodiversity and wild catch fisheries, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 10. Reduced Inequalities</p>
Science	Biology	Ruzzante, D.		<p>UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 12. Responsible Production and Consumption</p>
Science	Biology	Staicer, C.		<p>Biodiversity conservation, UN Sustainable Goal 15. Life on Land</p>

Science	Biology	Tittensor, D.	<ul style="list-style-type: none"> <li>•Marine Biodiversity:</li> <li>•Marine macroecology</li> <li>•Conservation science</li> </ul>	Sustainable Ocean, Healthy People, Healthy Communities, Healthy Populations, Clean Tech, Energy, the Environment, Marine Ecosystems, Climate Future, Biodiversity, Changing climate effects on the ocean, Social and biophysical dimensions of resource and environmental sustainability, Food Security, Marine biodiversity and wild catch fisheries, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 14. Life Below Water.
Science	Biology	Worm, B.		Sustainable Ocean, Cultural and social development of coastal landscapes and communities, Clean water, clean soil, clean air, Bio-products and bio-resources, Healthy People, Healthy Communities, Healthy Populations, Indigenous Research, Science Literacy, Ocean Literacy, Ocean Education, Education Technology, Marine and environmental law, policy and governance, Marine risk evaluation, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 4. Quality Education. UN Sustainable Goal 13. Climate Action,
Science	Chemistry	Andreas, H.	<ul style="list-style-type: none"> <li>•Energy</li> <li>•Energy storage</li> </ul>	Renewable energy generation, storage and fuels, UN Sustainable Goal 7. Affordable and Clean Energy

Science	Chemistry	Chitnis, S.		Clean Tech, Energy, the Environment, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 3. Good Health and Well-Being
Science	Chemistry, Physics & Atmospheric Science	Dahn, J.	<ul style="list-style-type: none"> <li>•Energy</li> <li>•Energy Storage</li> </ul>	UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 13. Climate Action
Science	Chemistry	Dasog, M.	Solar energy	Clean water, clean soil, clean air, Clean and NextGen materials, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 7. Affordable and Clean Energy
Science	Chemistry	Martin, R.	<ul style="list-style-type: none"> <li>•Environmental chemistry</li> <li>•Atmospheric chemistry</li> <li>•Air quality</li> <li>•Climate change</li> <li>•Biogeochemical cycling</li> </ul>	
Science	Chemistry	Obrovac, M.N.	Materials for energy storage	UN Sustainable Goal 7. Affordable and Clean Energy
Science	Chemistry	White, M.A.	Energy Energy storage	

Science	Earth and Environmental Sciences	Brenan, J.		Clean Tech, Energy, the Environment, Development of Indigenous and rural communities, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 9. Industry, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action.
Science	Earth and Environmental Sciences	Fedortchouk, Y.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, Clean Tech, Energy, the Environment, Improvement of exploration methods diamond growth and properties
Science	Earth and Environmental Sciences	Gass, S.	<p>Biology, ecology and conservation of cold-water corals:</p> <ul style="list-style-type: none"> <li>• Impacts from fishing and offshore oil and gas on coral ecosystems</li> <li>• Using corals as tracers of marine pollution</li> <li>• Conservation planning for cold-water corals</li> </ul> <p>Biodiversity conservation:</p> <ul style="list-style-type: none"> <li>• Biodiversity on campus and in urban environments</li> <li>• Biodiversity in the public domain</li> </ul>	

Science	Earth and Environmental Sciences	Gosse, J.	Influences of climate change, particularly the Pliocene-Quaternary change) on landscape change.	climate change, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 13. Climate Action
Science	Earth and Environmental Sciences	Grujic, D.		UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, Marine risk evaluation
Science	Earth and Environmental Sciences	Maselli, V.	<ul style="list-style-type: none"> <li>•Understand the processes controlling sediment transport, partitioning, accumulation and remobilization, in a source to sink perspective;</li> <li>•Decipher the signature of sea level, climate and tectonics from the sedimentary record;</li> <li>•Investigate the effects of extreme events on margin evolution;</li> <li>•Quantify the response, and feedback, of modern depositional</li> </ul>	Changing climate effects on the ocean, Clean water, clean soil, clean air, Social and biophysical dimensions of resource and environmental sustainability, Climate change, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action
Science	Earth and Environmental Sciences	Mui, A.	<p>Ecological modelling of animal movement and population viability:</p> <ul style="list-style-type: none"> <li>•Use of active and passive remote sensing data for characterizing habitat</li> <li>•Connectivity potential across disturbed landscapes</li> <li>•Mapping corridors at multiple spatio-temporal dimensions</li> <li>•Identification of remote sensing-</li> </ul>	
Science	Earth and Environmental	Nedimović, M.	Coastal response to climate change	

Science	Earth and Environmental Sciences	Ryan, A.M.	Environmental geochemistry, in particular, metals in urban soils Metals and radionuclides in waters	
Science	Earth and Environmental Sciences	Sherwood, O.		Sustainable Ocean, Changing climate effects on the ocean, Cultural and social development of coastal landscapes and communities, Marine risk evaluation, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 11. Sustainable Cities and Communities
Science	Earth and Environmental Sciences	Sterling, S.	<ul style="list-style-type: none"> <li>•Spatial patterns of the global water cycle</li> <li>•Effects of human activity on the water cycle and aquatic ecosystems, at the global, regional, and catchment scales</li> <li>•Land atmosphere interactions</li> <li>•Terrestrial acidification</li> </ul>	Sustainable Ocean, Healthy People, Healthy Communities, Healthy Populations, Marine biodiversity and wild catch fisheries, Building diverse, sustainable, responsible, smart organizations and communities, Clean water, clean soil, clean air, Clean Tech, Energy, the Environment, Community, population and Indigenous health and well-being, Reconciliation and Indigenous peoples, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 9. Industry, Innovation and Infrastructure

Science	Earth and Environmental Sciences	Wright, T.		Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 17. Partnerships for the Goals
Science	Economics	Akbulut-Yuksel, M.		UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Science	Economics	Boulatoff, C.	Environmental economics	
Science	Economics	Burton, P.	Environmental economics	
Science	Economics	Forsdyke, R.	Environmental economics	
Science	Marine Affairs	Aporta, C.	<ul style="list-style-type: none"> <li>•Indigenous Land Use</li> <li>•Indigenous Geographic Knowledge</li> <li>•Arctic Anthropology</li> <li>•Inuit and Sea Ice</li> <li>•Northwest Passage History</li> <li>•Marine Spatial Planning</li> </ul>	Reconciliation and Indigenous peoples, Marine and environmental law, policy and governance, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 17. Partnerships for the Goals



Science	Marine Affairs	Bailey, M.	<ul style="list-style-type: none"> <li>•Market-based Conservation</li> </ul>	<p>Sustainable Ocean, Marine and environmental law, policy and governance, Community, population and Indigenous health and well-being, Clean water, clean soil, clean air, Marine biodiversity and wild catch fisheries, Reconciliation and Indigenous peoples, Ethics and social justice, Social and biophysical dimensions of resource and environmental sustainability, Sustainable aquaculture and agro-ecosystems, Food Security, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 16. Peace, Justice and Strong Institutions,</p>
Science	Marine Affairs	Charles, A.	<ul style="list-style-type: none"> <li>•Fisheries Socioeconomics, Policy, Management, Governance</li> <li>•Integrated Ocean &amp; Coastal Zone Management</li> <li>•Marine Social-Ecological Systems</li> <li>•Coastal Communities &amp; Community-Based Conservation</li> </ul>	
Science	Marine Affairs	Fanning, L.	<ul style="list-style-type: none"> <li>•Integrated Coastal Zone Management</li> <li>•Integrated Coastal and Oceans Management</li> <li>•Indigenous Fishing Rights</li> <li>•Marine Policy</li> <li>•Piracy</li> <li>•Ocean Governance</li> </ul>	<p>Nunavut, Coastal Communities, Marine Transportation, UN Sustainable Goal 14. Life Below Water</p>

Science	Marine Affairs	Filgueira, R.	<ul style="list-style-type: none"> <li>•Ecosystem-Based Management</li> <li>•Ecosystem Approach to Aquaculture</li> <li>•Ecological Modelling</li> </ul>	UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 14. Life Below Water
Science	Marine Affairs	Hildebrand, L.	Integrated coastal and ocean	
Science	Marine Affairs	Hodgson, J.R.	Marine economics, safety and environmental responsibilities	
Science	Marine Affairs	Kearney, J.	Acoustic monitoring to identify critical stop-over habitats for migratory birds in Nova Scotia, and the impact of forest and coastal	
Science	Marine Affairs	Lane, P.A.	Assessment and management of human impacts on ecosystems, Sustainability design, assessment and management in the developing world, particularly Latin America using Cuba as a major case study.	
Science	Marine Affairs	Mahon, R.	institutional arrangements for living marine resource governance	
Science	Marine Affairs	McConney, P.	social-ecological systems, livelihoods, socio-economics, gender, organisations and governance related to small-scale fisheries and marine protected areas	
Science	Marine Affairs	Milley, C.	designing and implementing community-based resource and environmental management policies and programs that promote sustainable social and economic	

Science	Marine Affairs	Schmidt, J.	<ul style="list-style-type: none"> <li>• Fisheries systems</li> <li>• Ocean Sustainability</li> <li>• Marine Social-Ecological Systems</li> <li>• Coastal Communities</li> <li>• Integrated ocean observation systems &amp; community supported</li> </ul>	
Science	Marine Affairs	Swartz, W.	Corporate Social Responsibility in the seafood industry	
Science	Marine Affairs	Wells, P.	indicators for coastal ecosystem health; utilizing blue mussels for monitoring chemical contaminants; and evaluating the use and influence of marine environmental	
Science	Marine Affairs	Westhead, M.	Marine conservation	
Science	Mathematics and Statistics	Dowd, M.	Environmental statistics	
Science	Mathematics and Statistics	Field, C.	Environmental statistics	
Science	Mathematics and Statistics	Flemming, J.M.	<ul style="list-style-type: none"> <li>• Statistical methodologies and computational techniques for the modelling of complex ecological data</li> <li>• Statistical tools for modelling marine animal movement data</li> <li>• State space assessment models for fisheries and biological data</li> </ul>	
Science	Mathematics and Statistics	Hamilton, D.	Environmental statistics	
Science	Mathematics and Statistics	Irwin, A.	Environmental Statistics	

Science	Mathematics and Statistics	Mills Flemming, J.		Sustainable Ocean, Changing climate effects on the ocean, Healthy People, Healthy Communities, Healthy Populations, Food Security, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 14. Life Below Water
Science	Mathematics and Statistics	Smith, B.	Environmental statistics	
Science	Mathematics and Statistics	Thompson, K.	Environmental statistics	
Science	Oceanography	Algar, C.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Barclay, D.		Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 13. Climate Action
Science	Oceanography	Brillant, S.		Sustainable Ocean, 5.3 Marine biodiversity and wild catch fisheries, UN Sustainable Goal 14. Life Below Water.
Science	Oceanography	Brown, C.		Changing climate effects on the ocean, Marine biodiversity and wild catch fisheries, Sustainable Ocean, Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action

Science	Oceanography	Buchwald, C.		UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Cullen, J.		UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Science	Oceanography	Fennel, K.		Changing climate effects on the ocean, Sustainable Ocean, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Finkel, Z.	Climate Change	Changing climate effects on the ocean, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Hay, A.		Changing climate effects on the ocean, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 11. Sustainable Cities and Communities, 1.7 Marine risk evaluation, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land
Science	Oceanography	Kienast, M.		UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Lu, Y.		Marine Environmental Modelling & Prediction, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 13. Climate Action
Science	Oceanography	MacIntyre, H.		UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption

Science	Oceanography	Metaxas, A.		Sustainable Ocean, Changing climate effects on the ocean, Marine and environmental law, policy and governance, Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, Food Security, Sustainable aquaculture and agro-ecosystems, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 8. Decent Work and Economic Growth, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 10. Reduced Inequalities
Science	Oceanography	Musgrave, R.		Changing climate effects on the ocean, Sustainable Ocean, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water

Science	Oceanography	Oliver, E.		<p>Changing climate effects on the ocean, Marine risk evaluation, Marine and environmental law, policy and governance, Marine risk evaluation, Community, population and Indigenous health and well-being, Energy security, Social and biophysical dimensions of resource and environmental sustainability, Development of Indigenous and rural communities, Marine biodiversity and wild catch fisheries, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, United Kingdom, UN Sustainable Goal 16. Peace, Justice and Strong Institutions</p>
Science	Oceanography	Sheng, J.		<p>UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water</p>

Science	Oceanography	Waite, A.		Sustainable Ocean, Changing climate effects on the ocean, Sustainable aquaculture and agro-ecosystems, Ocean engineering, networks, communications, materials and tidal energy, Marine and environmental law, policy and governance, Marine risk evaluation, Sustainable Goal 13. Climate Action, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 14. Life Below Water
Science	Oceanography	Wallace, D.		Healthy People, Healthy Communities, Healthy Populations, Sustainable aquaculture and agro-ecosystems, Autonomous underwater vehicle oil spill response in-situ burning ocean technology, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 14. Life Below Water. UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities
Science	Physics and Atmospheric Science	Chang, R.	Carbon Cycling in Permafrost Regions	Clean water, clean soil, clean air, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land
Science	Physics and Atmospheric Science	Drummond, J.	<ul style="list-style-type: none"> <li>•Ozone</li> <li>•Air Quality</li> <li>•Climate Change</li> </ul>	
Science	Physics and Atmospheric	Folkins, I.	Climate Models	



Science	Physics and Atmospheric Science	Hall, K.		UN Sustainable Goal 7. Affordable and Clean Energy, Clean Tech, Energy, the Environment, Renewable energy generation, storage and fuels, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Science	Physics and Atmospheric Science	Helbig, M.	Carbon Cycling and Energy Fluxes in Boreal Ecosystems	climate change, heatwaves, droughts, forestry, climate mitigation, climate adaptation, land-atmosphere feedbacks, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 15. Life on Land
Science	Physics and Atmospheric Science	Hewitt, K.		Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 9. Industry, Innovation and Infrastructure
Science	Physics and Atmospheric Science	Hill, I.		Renewable energy generation, storage and fuels, Clean Tech, Energy, the Environment, Clean and NextGen materials, UN Sustainable Goal 7. Affordable and Clean Energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 12. Responsible Production and Consumption
Science	Physics and Atmospheric Science	Lesins, G.	Climate Change	
Science	Physics and Atmospheric Science	Maassen, J.		UN Sustainable Goal 7. Affordable and Clean Energy

Science	Physics and Atmospheric Science	Yang, C.		Renewable energy generation, storage and fuels, UN Sustainable Goal 7. Affordable and Clean Energy.
Science	Psychology & Neuroscience	Adamo, S.	Ecoimmunology	Sustainable aquaculture and agro-ecosystems, Clean water, clean soil, clean air, Food Security, Sustainable aquaculture and agro-ecosystems, Healthy People, Healthy Communities, Healthy Populations, Social and biophysical dimensions of resource and environmental sustainability, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 13. Climate Action
Science	Psychology & Neuroscience	Gadbois, S.	Wildlife conservation canines for spec	Healthy People, Healthy Communities, Healthy Populations, Mental health, resilience and health equity, UN Sustainable Goal 3. Good Health and Well-Being
Health	School of Health and Human Performance	Gahagan, J.		Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 5. Gender Equality

Health	School of Health and Human Performance	Gallant, K.A.	Marginalized populations in health ca	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, Healthy People, Healthy Communities, Healthy Populations
	School of Health and Human Performance	Hamilton-Hinch, B.	<ul style="list-style-type: none"> <li>•Institutional racism</li> <li>•Racism and health</li> <li>•Diversity</li> </ul>	Decolonial Theory & Practice, Health Equity, 2.0 Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Health	School of Health and Human Performance	Jackson, L.	<ul style="list-style-type: none"> <li>•Health promotion</li> <li>•Health of marginalized populations</li> <li>•Rural women's health</li> <li>•Harm reduction</li> <li>•Access to health services</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities
Health	School of Health and Human Performance	Kirk, S.	Socio-ecological approaches	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 5. Gender Equality

Health	School of Health and Human Performance	Liebenberg, L.		Healthy People, Healthy Communities, Healthy Populations, Culture, Society, Community Development, Reconciliation and Indigenous peoples, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality
Health	School of Health and Human Performance	Martin, D.	<ul style="list-style-type: none"> <li>•Social determinants of health</li> <li>•Food justice</li> <li>•Oral health promotion</li> <li>•Community based participatory research</li> <li>•Chronic disease prevention and food sovereignty</li> <li>•Aboriginal-Indigenous health</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, Development of Indigenous and rural communities, Ethics and social justice, Reconciliation and Indigenous peoples, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 1. No Poverty
Health	School of Health and Human Performance	Rainham, D.	<ul style="list-style-type: none"> <li>•Population health science</li> <li>•Environmental epidemiology</li> <li>•Health geography</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, Clean water, clean soil, clean air, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 4. Quality Education, UN Sustainable Goal 3. Good Health and Well-Being,

Health	School of Health and Human Performance	Spencer, B.	<ul style="list-style-type: none"> <li>•Gender and health</li> <li>•Ecological and comprehensive approaches</li> <li>•Systems and structural influences</li> </ul>	
Health	Health Administration	Mah, C.	<ul style="list-style-type: none"> <li>•Healthy cities and communities</li> <li>• Environmental and policy determinants of healthier consumption</li> </ul>	<p>Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, Building diverse, sustainable, responsible, smart organizations and communities, Food Security, Sustainable and social entrepreneurship, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 12. Responsible Production and Consumption</p>
Health	Nursing	Chircop, A.	<ul style="list-style-type: none"> <li>•Health equity</li> <li>•Public policy</li> <li>•Qualitative research methods</li> <li>•Sociocultural determinants of health</li> <li>•Environmental health and the ecological determinants of health</li> <li>•Population/Community Health</li> </ul>	

Health	Nursing	Waldron, I.	<ul style="list-style-type: none"> <li>•Environmental Racism</li> <li>•Medical Sociology</li> <li>•Sociology of Health and Illness</li> <li>•Mental Illness in Black Canadian, Immigrant and Indigenous Communities</li> <li>•COVID-19 and Vulnerable Populations</li> <li>•Health Inequalities</li> <li>•Environmental Health Inequities</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, Community, population and Indigenous health and well-being, Changing climate effects on the ocean, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 17. Partnerships for the Goals. UN Sustainable Goal 16. Peace, Justice and Strong Institutions. UN Sustainable Goal 13. Climate Action,
Health	Nursing	Weeks, L.	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities. Ethics and social justice, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 16. Peace, Justice	
Health	Occupational Therapy	Lauckner, H.	Publication: Building Sustainable Fieldwork Partnerships between Canada and India: Finding common goals through evaluation. (2018).	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 17. Partnerships for the Goals,

Health	School of Social Work	Baikie, G.	<ul style="list-style-type: none"> <li>•Critical and anti-oppressive theory</li> <li>•Aboriginal social policy</li> <li>•Aboriginal community and social development</li> <li>•Practice in northern, rural and remote communities</li> <li>•Cross-cultural competency</li> <li>•Aboriginal social work education</li> <li>•Critical reflection</li> <li>•Indigenous and decolonizing practices and methodologies</li> <li>•Community participatory action research</li> <li>•Social impacts of resource development on women and</li> </ul>	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 17. Partnerships for the Goals
Health	School of Social Work	Bejan, R.		European Refugee Crisis; Representation of the Refugee Crisis., Relationships between Migrants and Natives; Irregular Migration, Temporary foreign workers, agri-seafood sector, EU's Relocation System for Asylum Seekers, Shared Responsibility, Refugees, 'Burden--sharing' in the EU, Refugees' Relocation Scheme, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Health	School of Social Work	Brown, M.	<ul style="list-style-type: none"> <li>•Health Inequities</li> <li>•Social Determinants of Health</li> <li>•Social Work Migration</li> </ul>	

Health	School of Social Work	Hanrahan, C.	Deep-ecological social work	
Health	School of Social Work	Karabanow, J.	<ul style="list-style-type: none"> <li>•Homelessness and poverty</li> <li>•Housing</li> <li>•Globalization</li> </ul>	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities
Health	School of Social Work	MacDonald, N.	<ul style="list-style-type: none"> <li>•Aboriginal health research governance</li> <li>•Aboriginal peoples in Canada</li> <li>•Aboriginal women's health and healing issues</li> <li>•Child welfare with First Nations populations</li> <li>•Cross-cultural issues in Canada</li> <li>•Customary care in First Nations</li> </ul>	
Health	School of Social Work	Manning, E.	<ul style="list-style-type: none"> <li>•Radical and critical anti-oppressive theory and practice</li> <li>•Health equity</li> <li>•Queer, trans, and gender studies</li> <li>•Anti-racist and anti-colonial studies</li> </ul>	



Health	School of Social Work	Ross, N.		<p>Healthy People, Healthy Communities, Healthy Populations, Ethics and social justice, Community, population and Indigenous health and well-being, Building diverse, sustainable, responsible, smart organizations and communities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 17. Partnerships for the Goals</p>
Health	School of Social Work	Ungar, M.	Ecological social work	<p>Homeless youth; resilience; child welfare; Community, population and Indigenous health and well-being, Resilience Ethics, Healthy People, Healthy Communities, Healthy Populations; UN Sustainable Goal 1. No Poverty, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 5. Gender Equality. UN Sustainable Goal 16. Peace, Justice and Strong Institutions. UN Sustainable Goal 10. Reduced Inequalities.</p>

Health	School of Social Work	Wu, H.		Healthy People, Healthy Communities, Healthy Populations, Changing climate effects on the ocean, Building diverse, sustainable, responsible, smart organizations and communities, Cultural and social development of coastal landscapes and communities, Community, population and Indigenous health and well-being, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 17. Partnerships for the Goals.
Medicine	Anesthesia, Pain Management and Perioperative Medicine	Livingston, P.	Healthcare in low-income countries	UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 4. Quality Education
Medicine	Biochemistry and Molecular Biology	Doolittle, W. F.	Sustainable Ocean, Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 5. Gender Equality, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 13. Climate Action, Culture, Society, Community	
Medicine	Community Health & Epidemiology	Asada, Y.	Health inequity	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 16. Peace, Justice and Strong Institutions

Medicine	Community Health & Epidemiology	Dryden, O.	Black Canadian Studies Black Health Equity Anti-black racism and Health Outcomes Blood Donation Systems HIV & AIDS Medical Education and Health Humanities Black Feminist/Black Queer Diasporic Analytics	Social Determinants of Health, African Nova Scotians, Preston Townships, Black Health Equity, Determinants of Trust, Community Health Registry, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities, UN Sustainable Goal 5. Gender Equality, Health Inequities; Social Determinates; UN Sustainable Goal 17. Partnerships for the Goals
Medicine	Community Health & Epidemiology	Kim Jong, S.		Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 3. Good Health and Well-Being,
Medicine	Surgery, Community Health & Epidemiology	Urquhart, R.		Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 10. Reduced Inequalities.
Computer Science	Computer Science	Beiko, R.		UN Sustainable Goal 9. Industry, Innovation and Infrastructure UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 10. Reduced Inequalities
Computer Science	Computer Science	Haque, I.		Ocean engineering, networks, communications, materials and tidal energy, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 11. Sustainable Cities and Communities, UN Sustainable Goal 13. Climate Action, Ocean Dynamics, Ocean studies

Computer Science	Computer Science	Kirsebom, O.	Publication: O. S. Kirsebom et al., Performance of a Deep Neural Network at Detecting North Atlantic Right Whale Upcalls, The Journal of the Acoustical	UN Sustainable Goal 14. Life Below Water
Computer Science	Computer Science	Matwin, S.		UN Sustainable Goal 6. Clean Water and Sanitation, UN Sustainable Goal 15. Life on Land, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 3. Good Health and Well-Being, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 17. Partnerships for the Goals, UN Sustainable Goal 16. Peace, Justice and Strong Institutions
Computer Science	Computer Science	Orji, R.	Publication: "Socially-oriented Persuasive Strategies and Sustainable Behavior Change: Implications for Designing for	Healthy People, Healthy Communities, Healthy Populations, UN Sustainable Goal 3. Good Health and Well-Being
Computer Science	Computer Science	Torgo, L.		Sustainable aquaculture and agro-ecosystems, UN Sustainable Goal 9. Industry, Innovation and Infrastructure, UN Sustainable Goal 13. Climate Action, UN Sustainable Goal 14. Life Below Water, UN Sustainable Goal 2. Zero Hunger, UN Sustainable Goal 12. Responsible Production and Consumption, UN Sustainable Goal 6. Clean Water and Sanitation