

## Research inventory

| Last Name  | First Name | Title           | Faculty                             | Department                               | Main research topic                                | Secondary research topic                            | Overview of specific research interests  | Website   |
|------------|------------|-----------------|-------------------------------------|--|--|---|--|---|
| Abatzoglou | Nicolas    | Professor       | Engineering                         | Civil and Building Engineering           | Innovative Materials/Processes and Quantum Science | The Environment and Climate Change                  | Sustainable development<br>Energy<br>Environment<br>Fluidisation<br>Gasification<br>Green chemical engineering<br>Particles and powders<br>Pharmaceutical processes<br>Catalytic reactors<br>Process analysis technology | <a href="https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/nicolas-abatzoglou">https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/nicolas-abatzoglou</a> |
| Aimez      | Vincent    | Vice-President  | Engineering                         | Electrical and Computer Engineering      | Innovative Materials/Processes and Quantum Science | Digital Age: Intelligent Organizations and Training | Biosensors<br>Laser diodes<br>Photonic integration<br>Nanofabrication<br>Concentrated photovoltaics  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/vincent.aimez">https://www.usherbrooke.ca/recherche/specialistes/details/vincent.aimez</a>   |
| Amor       | Ben        | Professor       | Engineering                         | Civil and Building Engineering           | The Environment and Climate Change                 | Innovative Materials/Processes and Quantum Science  | Environmental life cycle assessment<br>Carbon footprint and certifications<br>Circular economy<br>Sustainable engineering  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/ben.amor">https://www.usherbrooke.ca/recherche/specialistes/details/ben.amor</a>   |
| Aoun       | Sami       | Professor       | Art, Humanities and Social Sciences | Applied Politics                         | N/A  | N/A   | Foreign affairs<br>Political and military alliances<br>Armed conflicts<br>State constitutions<br>Ideological, political, economic, and social contexts of social transformations   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sami.aoun">https://www.usherbrooke.ca/recherche/specialistes/details/sami.aoun</a>   |
| Arès       | Richard    | Vice-Dean       | Engineering                         | Mechanical Engineering                   | Innovative Materials/Processes and Quantum Science | Digital Age: Intelligent Organizations and Training | Nanomaterials<br>Robotics and automation<br>Semiconductor<br>Solar and wind energy<br>Surfaces<br>Interfaces and thin layers   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/richard.ares">https://www.usherbrooke.ca/recherche/specialistes/details/richard.ares</a>   |
| Audet      | Madeleine  | Centre Director | Business School                     | Management and Human Resource Management | The Environment and Climate Change                 | N/A   | Dynamics of social transformation<br>Management of change (structural, technological, and cultural)<br>Organisation of health care   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/madeleine.audet">https://www.usherbrooke.ca/recherche/specialistes/details/madeleine.audet</a>                                       |
| Ayotte     | Patrick    | Professor       | Science                             | Chemistry                                | The Environment and Climate Change                 | N/A   | Ice and snow<br>Surfaces, interfaces, and thin films   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patrick.ayotte">https://www.usherbrooke.ca/recherche/specialistes/details/patrick.ayotte</a>   |

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| Ayotte-Beaudet | Jean-Philippe | Professor | Education                           | Preschool and Primary Education          | The Environment and Climate Change                       | N/A  | Science and technology didactics<br>Outdoor teaching and learning<br>Contextualisation of learning<br>Primary education<br>Secondary education<br>Environmental education                               | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/jean-philippe.ayotte-beaudet">https://www.usherbrooke.ca/recherche/spec ialistes/details/jean-philippe.ayotte-beaudet</a> |
| Baba           | Sofiane       | Professor | Business School                     | Management and Human Resource Management | The Environment and Climate Change                       | N/A  | Sustainable development<br>Political and administrative organisation<br>Social political and economic impact of innovations<br>Social movements<br>Entrepreneurship                                     | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/sofiane.baba">https://www.usherbrooke.ca/recherche/spec ialistes/details/sofiane.baba</a>                                 |
| Bahl           | Lionel        | Professor | Business School                     | Accounting                               | The Environment and Climate Change                       | N/A  | Sustainable development<br>Accountable management<br>Non-financial information  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/lionel.bahl">https://www.usherbrooke.ca/recherche/spec ialistes/details/lionel.bahl</a>                                   |
| Baillargeon    | Dany          | Professor | Art, Humanities and Social Sciences | Communication                            | TogetherNESS: Culture, Plurality, Governance, and Equity | Population Aging   | Organisational and inter-organisational communication<br>Public communication<br>Communication and public relations<br>Social aspects of ageing<br>Social, political and economic impact of innovations | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/dany.baillargeon">https://www.usherbrooke.ca/recherche/spec ialistes/details/dany.baillargeon</a>                         |
| Beaudoin       | Nathalie      | Professor | Science                             | Biology                                  | The Environment and Climate Change                       | N/A  | Biotechnology<br>Gene (Living organisms)<br>Biological and biochemical mechanisms<br>Pests and diseases<br>Plants   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/nathalie.beaudoin">https://www.usherbrooke.ca/recherche/spec ialistes/details/nathalie.beaudoin</a>                       |
| Beaulieu       | Marie         | Professor | Art, Humanities and Social Sciences | School of Social Work                    | Population Aging   | TogetherNESS: Culture, Plurality, Governance, and Equity | Social aspects of ageing<br>Conditions for adaptation and integration<br>Person and dignity<br>Specific social services (clienteles)<br>Violence  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/marie.beaulieu">https://www.usherbrooke.ca/recherche/spec ialistes/details/marie.beaulieu</a>                             |

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| Beaulieu   | Carole       | Dean      | Medicine and Health Sciences | Biology                         | The Environment and Climate Change                       | N/A  | Microorganisms<br>Plant production<br>Functional and structural proteomics<br>Plants  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/carole.beaulieu">https://www.usherbrooke.ca/recherche/specialistes/details/carole.beaulieu</a>             |
| Beaulieu   | Marie-Claude | Professor | Medicine and Health Sciences | Family Medicine                 | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Arthritis/Osteoarthritis<br>Health care organisation<br>Osteoporosis<br>Primary care  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-claude.beaulieu">https://www.usherbrooke.ca/recherche/specialistes/details/marie-claude.beaulieu</a> |
| Beauregard | Pascale B.   | Professor | Science                      | Biology                         | The Environment and Climate Change                       | Health: Promotion, Prevention, and Precision Approaches  | Bacillus subtilis<br>Biofilms<br>Chemotaxis<br>Iron homeostasis<br>Plant-bacteria interactions<br>Sporulation<br>Horizontal gene transfer   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/pascale.b.beauregard">https://www.usherbrooke.ca/recherche/specialistes/details/pascale.b.beauregard</a>   |
| Beauregard | France       | Professor | Medicine and Health Sciences | School of Rehabilitation        | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Children with communication disorders<br>Factors influencing practices<br>Immigrant families<br>Social participation<br>Family-school community relationship  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/france.beauregard">https://www.usherbrooke.ca/recherche/specialistes/details/france.beauregard</a>         |
| Bédard     | Johanne      | Professor | Education                    | Preschool and Primary Education | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Socio-educational intervention<br>School-family-community practices<br>Healthy school<br>Community school<br>Differentiated instruction<br>Educational practices of preschool teachers<br>Intervention in preschool education | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/johanne.bedard">https://www.usherbrooke.ca/recherche/specialistes/details/johanne.bedard</a>               |
| Bélisle    | Marc         | Professor | Science                      | Biology                         | The Environment and Climate Change                       | N/A  | Landscape ecology<br>Behavioural ecology<br>Dispersal<br>Habitat selection<br>Functional connectivity<br>Ecological trap<br>Metapopulations<br>Ornithology<br>Agricultural intensification<br>Aerial insectivores             | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marc.m.belisle">https://www.usherbrooke.ca/recherche/specialistes/details/marc.m.belisle</a>               |

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| Bélisle    | Rachel        | Professor | Education                           | Vocational Guidance                      | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Literacy<br>Communication contexts<br>Adult and continuing education<br>Job placement<br>Educational guidance  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/rachel.belisle">https://www.usherbrooke.ca/recherche/specialistes/details/rachel.belisle</a>                   |
| Béliveau   | Julie         | Professor | Business School                     | Management and Human Resource Management | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Organisational knowledge transfer<br>Managing organisational change<br>Person-centred management and care<br>Role of senior and middle manager<br>Organisational knowledge management<br>Qualitative research approaches   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/julie.beliveau2">https://www.usherbrooke.ca/recherche/specialistes/details/julie.beliveau2</a>                 |
| Bellenger  | Jean-Philippe | Professor | Science                             | Chemistry                                | The Environment and Climate Change                       | N/A   | Ecosystem (Aquatic and Terrestrial)<br>Microorganisms<br>Chemical Pollutants<br>Soil and Sediments<br>Plants   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-philippe.bellenger">https://www.usherbrooke.ca/recherche/specialistes/details/jean-philippe.bellenger</a> |
| Beneventi  | Domenico      | Professor | Art, Humanities and Social Sciences | Arts, Languages and Literatures          | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Arts, literature, and subjectivity<br>Regional identities<br>Artistic or literary marginality<br>People, cities and territories<br>Artistic and literary theories  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/domenico.beneventi">https://www.usherbrooke.ca/recherche/specialistes/details/domenico.beneventi</a>           |
| Benmokrane | Brahim        | Professor | Engineering                         | Civil and Building Engineering           | The Environment and Climate Change                       | Innovative Materials/Processes and Quantum Science      | Durability and long-term behavior<br>Fiber Reinforced Polymer (FRP) composite<br>FRP-reinforced concrete structures<br>FRP reinforcing bars<br>Material specifications and design codes<br>Structural material<br>Structural testing of FRP-reinforced concrete<br>Testing protocols for FRP | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/brahim.benmokrane">https://www.usherbrooke.ca/recherche/specialistes/details/brahim.benmokrane</a>             |
| Bernatchez | Stéphane      | Professor | Law                                 | Law                                      | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                      | Constitutional law<br>Case law<br>Rights and freedoms<br>Human rights and freedoms<br>Collective rights<br>Administration of justice   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/stephane.bernatchez">https://www.usherbrooke.ca/recherche/specialistes/details/stephane.bernatchez</a>         |

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| Bernier   | Louise     | Professor | Law                                 | Law                       | Togetherhness: Culture, Plurality, Governance, and Equity | Population Aging  | Law and health<br>Ethics and health<br>Social contract and social justice<br>Applied ethics<br>Interest groups<br>Lobbying   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/louise.bernier">https://www.usherbrooke.ca/recherche/specialistes/details/louise.bernier</a>                                     |
| Berrigan  | Félix      | Professor | Physical Activity Sciences          | Anthropokinetics          | Health: Promotion, Prevention, and Precision Approaches   | Population Aging  | Lifestyle and health<br>Learning and development approaches  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/felix.berrigan">https://www.usherbrooke.ca/recherche/specialistes/details/felix.berrigan</a>                                     |
| Berthelot | Sylvie     | Professor | Business School                     | Accounting                | Togetherhness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                        | Sustainable development<br>Disclosure of non-financial information<br>Governance<br>Social responsibility  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sylvie.berthelot">https://www.usherbrooke.ca/recherche/specialistes/details/sylvie.berthelot</a>                                 |
| Bertrand  | Karine     | Professor | Medicine and Health Sciences        | Community Health Sciences | Health: Promotion, Prevention, and Precision Approaches   | Togetherhness: Culture, Plurality, Governance, and Equity | Psychology<br>Population health<br>Public health<br>Social solidarity<br>Drug abuse  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/karine.bertrand">https://www.usherbrooke.ca/recherche/specialistes/details/karine.bertrand</a>                                   |
| Bérubé    | Harold     | Professor | Art, Humanities and Social Sciences | History                   | Togetherhness: Culture, Plurality, Governance, and Equity | N/A   | Urban spaces and urbanity<br>People, cities and territories<br>Local, regional, and national government<br>Organisation and power<br>Electoral system  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/harold.berube">https://www.usherbrooke.ca/recherche/specialistes/details/harold.berube</a>                                       |
| Bibeau    | Jean       | Professor | Business School                     | Entrepreneurship          | The Environment and Climate Change                        | N/A   | Entrepreneurial coaching<br>Entrepreneurial pedagogy and experiential pedagogy<br>Entrepreneurial education<br>Business incubators and accelerators<br>Soft systems methodology (SSM) and action research<br>Transdisciplinary collaborative spaces<br>Entrepreneurial universities<br>Entrepreneurial ecosystems<br>Project management<br>Project communication | <a href="https://www.usherbrooke.ca/ecole-gestion/personnel/professeurs/entrepreneuriat/jean-bibeau">https://www.usherbrooke.ca/ecole-gestion/personnel/professeurs/entrepreneuriat/jean-bibeau</a> |

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| Bisailon      | Claude     | Professor | Art, Humanities and Social Sciences | Psychology                      | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Parent-child relationships<br>Attachment<br>Historical trauma in an First People population<br>Trauma   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/claude.bisailon">https://www.usherbrooke.ca/recherche/specialistes/details/claude.bisailon</a>             |
| Blanchet      | Guillaume  | Professor | Science                             | Biology                         | The Environment and Climate Change                       | Population Aging   | Ecological and ecophysiological processes   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/guillaume.blanchet">https://www.usherbrooke.ca/recherche/specialistes/details/guillaume.blanchet</a>       |
| Blouin-Genest | Gabriel    | Professor | Art, Humanities and Social Sciences | Applied Politics                | The Environment and Climate Change                       | N/A  | Social determinants of health<br>Health care organisation<br>Development policy<br>Health policy<br>Community/public health                           | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/gabriel.blouin-genest">https://www.usherbrooke.ca/recherche/specialistes/details/gabriel.blouin-genest</a> |
| Boisclair     | Isabelle   | Professor | Art, Humanities and Social Sciences | Arts, Languages and Literatures | N/A  | Togetherness: Culture, Plurality, Governance, and Equity | Literary studies<br>Feminist studies<br>Gender studies<br>Cultural studies  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.boisclair">https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.boisclair</a>       |
| Boivin        | Caroline   | Professor | Business School                     | Marketing                       | The Environment and Climate Change                       | N/A  | Strategic alliances<br>Certification<br>Responsible consumption<br>Brand management<br>Responsible marketing<br>Green marketing<br>Marketing strategy | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/caroline.boivin">https://www.usherbrooke.ca/recherche/specialistes/details/caroline.boivin</a>             |

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| Bouarab   | Kamal        | Professor | Science                             | Biology                        | The Environment and Climate Change                       | N/A   | Biological and biochemical mechanisms<br>Crop production other than forest products   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/kamal.bouarab">https://www.usherbrooke.ca/recherche/specialistes/details/kamal.bouarab</a>               |
| Bouchard  | Frédéric     | Professor | Art, Humanities and Social Sciences | Applied Geomatics              | The Environment and Climate Change                       | N/A   | Land surface transformation and evolution<br>Water/continent interfaces<br>Freshwater<br>Climate change and impacts<br>Water cycle and reservoirs<br>Other marine and lake resources<br>Biogeography<br>Soils and sediments | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/frederic.bouchard5">https://www.usherbrooke.ca/recherche/specialistes/details/frederic.bouchard5</a>     |
| Boucher   | Marie-Amélie | Professor | Engineering                         | Civil and Building Engineering | The Environment and Climate Change                       | N/A   | Data assimilation<br>Hydrology<br>Statistical post-processing of forecasts<br>Ensemble forecasting<br>Economic and social value of forecasts  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-amelie.boucher">https://www.usherbrooke.ca/recherche/specialistes/details/marie-amelie.boucher</a> |
| Boucherif | Abderraouf   | Professor | Engineering                         | Mechanical Engineering         | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                  | Energy storage,<br>Micro and nanoelectronics<br>Nanomaterials   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/abderraouf.boucherif">https://www.usherbrooke.ca/recherche/specialistes/details/abderraouf.boucherif</a> |
| Bourdon   | Sylvain      | Professor | Education                           | Vocational Guidance            | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Youth and transition to adulthood<br>Life-course and transitions<br>Learning and educational pathways<br>Professional and social integration<br>Social programming and intersectorality                                     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sylvain.bourdon">https://www.usherbrooke.ca/recherche/specialistes/details/sylvain.bourdon</a>           |
| Bouroubi  | Yacine       | Professor | Art, Humanities and Social Sciences | Applied Geomatics              | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training | Optical and radar remote sensing<br>Image processing<br>Artificial intelligence<br>Precision agriculture  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/yacine.bouroubi">https://www.usherbrooke.ca/recherche/specialistes/details/yacine.bouroubi</a>           |

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| Boutet       | Marc       | Professor | Education                           | Preschool and Primary Education | The Environment and Climate Change                       | Togetherness: Culture, Plurality, Governance, and Equity | Training for teaching practice<br>Pedagogical supervision<br>Reflective analysis<br>Evaluation of the impact of environmental education programmes   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/marc.boutet">https://www.usherbrooke.ca/recherche/spec ialistes/details/marc.boutet</a>   |
| Bradley      | Robert     | Professor | Science                             | Biology                         | The Environment and Climate Change                       | N/A  | Ecological and ecophysiological processes<br>Biodiversity and bbiocomplexity<br>Environment and habitats<br>Ecosystems (terrestrial and aquatic)<br>Clean technologies   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/robert.bradley">https://www.usherbrooke.ca/recherche/spec ialistes/details/robert.bradley</a>   |
| Brassard     | Audrey     | Professor | Art, Humanities and Social Sciences | Psychology                      | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Couple relationships<br>Sexuality<br>Man-Woman relationships<br>Violence<br>Life cycles (childhood, adolescence, adult, etc.)  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/audrey.brassard2">https://www.usherbrooke.ca/recherche/spec ialistes/details/audrey.brassard2</a>   |
| Brault-Labbé | Anne       | Professor | Art, Humanities and Social Sciences | Psychology                      | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Intersubjectivity<br>Self-regulation<br>Relational breakdowns<br>Impasses and repairs<br>Meaning-making in the context of existential adversity (e.g. bereavement, illness, crises and life transitions)<br>Creativity<br>Psychological engagement<br>Giftedness | <a href="https://www.usherbrooke.ca/psychologie/de partement/personnel/personnel- enseignant/anne-brault-labbe">https://www.usherbrooke.ca/psychologie/de partement/personnel/personnel- enseignant/anne-brault-labbe</a> |
| Breton       | Stéphanie  | Professor | Education                           | Pedagogy                        | Digital Age: Intelligent Organizations and Training      | Togetherness: Culture, Plurality, Governance, and Equity | Academic and social adaptation<br>Learning difficulties<br>Adult education<br>Vocational training<br>Learning pathways<br>Inclusive pedagogy<br>Student-teacher relationship   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/stephanie.breton">https://www.usherbrooke.ca/recherche/spec ialistes/details/stephanie.breton</a>   |
| Breton       | Mylaine    | Professor | Medicine and Health Sciences        | Community Health Sciences       | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Health care organisation<br>Health policy<br>Professional practice<br>Innovations to improve accessibility to primary care<br>Health services  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/mylaine.breton">https://www.usherbrooke.ca/recherche/spec ialistes/details/mylaine.breton</a>   |



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| Brousseau   | Jean-Philippe | Professor | Medicine and Health Sciences        | Biochemistry and Functional Genomics                        | Health: Promotion, Prevention, and Precision Approaches | The Environment and Climate Change                      | Bioactive molecules<br>Cancer diagnosis and detection<br>Gene regulation and expression<br>Genomics  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-philippe.brousseau">https://www.usherbrooke.ca/recherche/specialistes/details/jean-philippe.brousseau</a> |
| Cabana      | Hubert        | Professor | Engineering                         | Civil and Building Engineering                              | The Environment and Climate Change                      | N/A   | Urban, industrial, and agricultural wastewater treatment<br>Chemical pollutants<br>Solid waste treatment and recycling<br>Biomass (energy)<br>Enzymes and proteins | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/hubert.cabana">https://www.usherbrooke.ca/recherche/specialistes/details/hubert.cabana</a>                     |
| Cabral      | Alexandre     | Professor | Engineering                         | Civil and Building Engineering                              | Innovative Materials/Processes and Quantum Science      | The Environment and Climate Change                      | Industrial and urban land contamination<br>Groundwater and water tables<br>Geotechnics<br>Clean technologies   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/alexandre.cabral">https://www.usherbrooke.ca/recherche/specialistes/details/alexandre.cabral</a>               |
| Cadieux     | Nathalie      | Professor | Business School                     | Management and Human Resource Management                    | Digital Age: Intelligent Organizations and Training     | Health: Promotion, Prevention, and Precision Approaches | Social determinants of health<br>Management of change (structural, technological, and cultural)  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nathalie.cadieux">https://www.usherbrooke.ca/recherche/specialistes/details/nathalie.cadieux</a>               |
| Cadieux     | Jean          | Professor | Business School                     | Information Systems and Quantitative Methods for Management | The Environment and Climate Change                      | N/A   | Sustainability management<br>Organisational culture modelling<br>Theory of measurement of intangibles  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean.cadieux">https://www.usherbrooke.ca/recherche/specialistes/details/jean.cadieux</a>                       |
| Caillouette | Jacques       | Professor | Art, Humanities and Social Sciences | School of Social Work                                       | Health: Promotion, Prevention, and Precision Approaches | The Environment and Climate Change                      | Community development<br>Community organising<br>Partnership research  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jacques.caillouette">https://www.usherbrooke.ca/recherche/specialistes/details/jacques.caillouette</a>         |
| Calmé       | Sophie        | Professor | Science                             | Biology   | The Environment and Climate Change                      | N/A   | Animals<br>Biological behaviour<br>Environments and habitats   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sophie.calmé">https://www.usherbrooke.ca/recherche/specialistes/details/sophie.calmé</a>                       |

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| Last Name | First Name | Title     | Faculty                             | Department                    | Main research topic                                      | Secondary research topic                                 | Overview of specific research interests  | Website   |
|-----------|------------|-----------|-------------------------------------|-------------------------------|--|--|--|---|
| Carignan  | Marie-Ève  | Professor | Art, Humanities and Social Sciences | Communication                 | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | <p>Communication and public relations</p> <p>Ethics (business, professional)</p> <p>Journalistic ethics</p> <p>Civil and social responsibilities of the media</p> <p>Structures, strategies and impacts of cultural industries</p>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-eve.carignan">https://www.usherbrooke.ca/recherche/specialistes/details/marie-eve.carignan</a>   |
| Carignan  | Alex       | Professor | Medicine and Health Sciences        | Microbiology and Infectiology | The Environment and Climate Change                       | N/A  | <p>Hospital-based epidemiological-evaluative research</p> <p>Research into the prevention of hospital-acquired infections</p> <p>Evaluation and customisation of prevention and treatment approaches for vaccine-preventable infectious diseases</p> <p>Use of complex population databases</p> <p>Determining the burden of various health problems</p> <p>Impact of interventions on outcomes of clinical interest</p> | <a href="https://www.usherbrooke.ca/dep-microbiologie/programmes/microbiologie-medicale-infectiologie/corps-professoral/alex.carignan-md-frpc">https://www.usherbrooke.ca/dep-microbiologie/programmes/microbiologie-medicale-infectiologie/corps-professoral/alex.carignan-md-frpc</a> |
| Chaloux   | Annie      | Professor | Art, Humanities and Social Sciences | Applied Politics              | The Environment and Climate Change                       | N/A  | <p>International agreements and treaties</p> <p>Foreign affairs</p> <p>Political systems (democracy, monarchy, federalism, parliamentarianism, etc.)</p> <p>Climate change and impacts</p> <p>Freshwater</p>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/annie.chaloux">https://www.usherbrooke.ca/recherche/specialistes/details/annie.chaloux</a>   |
| Champagne | Claudia    | Vice-Dean | Business School                     | Finance                       | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | <p>Responsible finance</p> <p>Management of financial institutions</p> <p>Risk management</p> <p>Financial markets</p>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/claudia.champagne">https://www.usherbrooke.ca/recherche/specialistes/details/claudia.champagne</a>   |
| Choquette | Catherine  | Professor | Law                                 | Law                           | The Environment and Climate Change                       | Togetherness: Culture, Plurality, Governance, and Equity | <p>Environmental governance</p> <p>Dispute prevention and peaceful resolution</p> <p>Environmental and sustainable development law</p>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/catherine.choquette">https://www.usherbrooke.ca/recherche/specialistes/details/catherine.choquette</a>   |

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|-----------|------------|-----------|-------------------------------------|--|--|--|--|---|
| Claveau   | François   | Professor | Art, Humanities and Social Sciences | Philosophy and Applied Ethics            | Digital Age: Intelligent Organizations and Training      | N/A  | Epistemology and methodology<br>Organisation and power<br>Science and knowledge  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/francois.claveau">https://www.usherbrooke.ca/recherche/specialistes/details/francois.claveau</a>         |
| Coggins   | Frank      | Professor | Business School                     | Finance                                  | The Environment and Climate Change                       | TogetherNESS: Culture, Plurality, Governance, and Equity | Mutual fund performance evaluation<br>Sustainable and responsible finance<br>Responsible portfolio and risk management<br>Financial risk assessment and management<br>Value-at-Risk assessment<br>GARCH modelling of second moment returns of financial securities | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/frank.coggins">https://www.usherbrooke.ca/recherche/specialistes/details/frank.coggins</a>               |
| Collin    | Yves       | Professor | Medicine and Health Sciences        | Surgery                                  | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                       | Digestive tract cancer<br>Pain<br>Growth factors<br>Resource management<br>Bacterial infections  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/yves.collin">https://www.usherbrooke.ca/recherche/specialistes/details/yves.collin</a>                   |
| Comtois   | Suzanne    | Professor | Law                                 | Law                                      | The Environment and Climate Change                       | N/A  | Social and cultural factors in environmental protection<br>Sustainable development<br>Administrative law   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/suzanne.comtois">https://www.usherbrooke.ca/recherche/specialistes/details/suzanne.comtois</a>           |
| Conconi   | Antonio    | Professor | Medicine and Health Sciences        | Microbiology and Infectiology            | Population Aging   | The Environment and Climate Change                       | Chromosome structure and organization<br>Genome damage and repair<br>Gene expression and regulation<br>Genes<br>Molecular genetics   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/antonio.conconi">https://www.usherbrooke.ca/recherche/specialistes/details/antonio.conconi</a>           |
| Corriveau | Anne-Marie | Professor | Business School                     | Management and Human Resource Management | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A  | Interorganisational collaboration<br>Responsible management practices<br>Complex organisations   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/anne-marie.corriveau">https://www.usherbrooke.ca/recherche/specialistes/details/anne-marie.corriveau</a> |
| Côté      | Nicole     | Professor | Art, Humanities and Social Sciences | Arts, Languages and Literatures          | TogetherNESS: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Gender/sex<br>Sexual and ethnic minorities<br>Intersectionality  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nicole.m.cote">https://www.usherbrooke.ca/recherche/specialistes/details/nicole.m.cote</a>               |

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|----------------|-----------------|-----------|-------------------------------------|--|--|--|---|---|
| Cotton         | Julie-Christine | Professor | Medicine and Health Sciences        | Community Health Sciences                | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Culture and health<br>Inclusion and exclusion   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/julie.christine.cotton">https://www.usherbrooke.ca/recherche/spec ialistes/details/julie.christine.cotton</a>   |
| Courcy         | François        | Professor | Art, Humanities and Social Sciences | Psychology                               | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Psychological health<br>anti-social behaviour<br>Work performance   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/francois.courcy">https://www.usherbrooke.ca/recherche/spec ialistes/details/francois.courcy</a>   |
| Couture        | Mélanie         | Professor | Medicine and Health Sciences        | School of Rehabilitation                 | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Activities of daily living<br>Autism<br>Adaptive behaviour<br>Motor development<br>Occupational therapy<br>Early identification<br>Functional impact<br>Sensory modulation<br>Neurodevelopment<br>Prematurity | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/melanie.m.couture">https://www.usherbrooke.ca/recherche/spec ialistes/details/melanie.m.couture</a>   |
| Couture Ménard | Marie-Ève       | Professor | Law                                 | Law                                      | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | Law and health<br>Public policy and services<br>Lifestyle and health<br>Health promotion  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/marie-eve.couture-menard">https://www.usherbrooke.ca/recherche/spec ialistes/details/marie-eve.couture-menard</a>   |
| Cyr            | Claude          | Professor | Medicine and Health Sciences        | Pediatrics                               | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Alcohol-related emergency department visits among adolescents and young adults  | <a href="https://apps.med.usherbrooke.ca/FicheProfes seursChercheurs/FicheProfesseurUdeS.aspx ?guid=41370247-5F21-4783-AC14-270F32814661">https://apps.med.usherbrooke.ca/FicheProfes seursChercheurs/FicheProfesseurUdeS.aspx ?guid=41370247-5F21-4783-AC14-270F32814661</a> |
| Dahan          | Jacqueline      | Professor | Business School                     | Management and Human Resource Management | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Organisational communication<br>Organisational sustainability reporting<br>Narrative approaches<br>Organisational metaphors   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/jacqueline.dahan">https://www.usherbrooke.ca/recherche/spec ialistes/details/jacqueline.dahan</a>   |

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|------------------|-----------------|-----------|-------------------------------------|---|--|--|--|---|
| Daniel           | Charles-Étienne | Professor | Law                                 | Law   | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Biotechnology and nanotechnology<br>Governance law<br>Ethics and technological development<br>Governance of technological development<br>Robotics and artificial intelligence                  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/charles-etienne.daniel">https://www.usherbrooke.ca/recherche/specialistes/details/charles-etienne.daniel</a>               |
| David            | Marc D.         | Professor | Art, Humanities and Social Sciences | Communication   | N/A  | N/A  | Audiences and mass media<br>Communication and Public Relations<br>Public communication<br>Crisis management<br>Promotion, advertising and costs  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marc.d.david">https://www.usherbrooke.ca/recherche/specialistes/details/marc.d.david</a>                                   |
| de Santa-Eulalia | Luis Antonio    | Professor | Business School                     | Information Systems and Quantitative Methods for Management | Digital Age: Intelligent Organizations and Training      | The Environment and Climate Change                       | Operations management<br>Management of value creation networks<br>Information systems<br>Systems modelling and simulation<br>Industry 4.0 and digital transformation<br>Sustainable management | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/luis.antonio.de.santa-eulalia">https://www.usherbrooke.ca/recherche/specialistes/details/luis.antonio.de.santa-eulalia</a> |
| Derome           | Dominique       | Professor | Engineering                         | Civil and Building Engineering                              | The Environment and Climate Change                       | Innovative Materials/Processes and Quantum Science       | Modelling and simulation<br>Dynamics of natural and built environments<br>Buildings<br>Timber<br>Structure and macroscopic characterisation<br>Heat transfer<br>Mass transfer                  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/dominique.derome">https://www.usherbrooke.ca/recherche/specialistes/details/dominique.derome</a>                           |
| Déry             | Michèle         | Professor | Education                           | Psychoeducation   | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Child and adolescent behavioural disorders<br>Social determinants of child and adolescent development<br>Child and family services   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/michele.dery">https://www.usherbrooke.ca/recherche/specialistes/details/michele.dery</a>                                   |
| Desbiens         | Jean-François   | Professor | Physical Activity Sciences          | Anthropokinetics  | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Pedagogical supervision<br>Pedagogy for higher education<br>Classroom management<br>Motivational climate<br>Practical training   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.desbiens">https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.desbiens</a>               |

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|-------------------|--------------|-----------|-------------------------------------|---|--|--|--|---|
| Désilets          | Valérie      | Professor | Medicine and Health Sciences        | Pediatrics                                | The Environment and Climate Change                       | N/A  | Medical genetics   |   |
| Désilets          | Martin       | Professor | Engineering                         | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                       | Heat and mass transfer<br>Energy efficiency<br>Process simulation<br>Industrial electrolysis<br>High temperature thermal diagnosis<br>Reactive flow modelling<br>Multi-physics problems  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/martin.desilets">https://www.usherbrooke.ca/recherche/specialistes/details/martin.desilets</a>   |
| Desjardins        | Marie-Claude | Professor | Law                                 | Law                                       | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Social contract and social justice<br>International cooperation<br>Sustainable development<br>International law<br>Globalisation and "mondialisation"  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-claude.desjardins4">https://www.usherbrooke.ca/recherche/specialistes/details/marie-claude.desjardins4</a>                                   |
| Desmeules         | Marie-Hélène | Professor | Art, Humanities and Social Sciences | Philosophy and Applied Ethics             | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Consciousness, subjectivity, and personal identity<br>Consciousness and intentionality<br>Criminality<br>Rights and freedoms<br>Human rights and freedoms<br>Collective rights<br>Foundations of ethics<br>Gender relations<br>Value systems and norms | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-helene.desmeules">https://www.usherbrooke.ca/recherche/specialistes/details/marie-helene.desmeules</a>                                       |
| Désormeaux-Moreau | Marjorie     | Professor | Medicine and Health Sciences        | School of Rehabilitation                  | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Occupational therapy professional values<br>Identity construction<br>Autism<br>Tool development<br>Non-traditional roles in occupational therapy   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marjorie.desormeaux-moreau">https://www.usherbrooke.ca/recherche/specialistes/details/marjorie.desormeaux-moreau</a>                               |
| Desrochers        | Alain        | Professor | Engineering                         | Mechanical Engineering                    | Innovative Materials/Processes and Quantum Science       | N/A  | Aluminium product design<br>Optimisation<br>Product enhancement  | <a href="https://www.nserc-crsng.gc.ca/Chairholders-TitulairesDeChaire/Chairholder-Titulaire_fra.asp?pid=796">https://www.nserc-crsng.gc.ca/Chairholders-TitulairesDeChaire/Chairholder-Titulaire_fra.asp?pid=796</a> |

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|-----------|------------|---------------------|------------------------------|--|--|--|--|---|
| Dezutter  | Olivier    | Professor           | Education                    | Pedagogy                                 | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | Teaching<br>Modelling of learning processes<br>Learning styles<br>Teaching styles  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/olivier.dezutter">https://www.usherbrooke.ca/recherche/specialistes/details/olivier.dezutter</a> |
| Dion      | Michel     | Department Director | Business School              | Management and Human Resource Management | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Philosophical foundations<br>Crime<br>Management of change (structural, technological, and cultural)<br>Major religious traditions<br>Leadership   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/michel.dion">https://www.usherbrooke.ca/recherche/specialistes/details/michel.dion</a>           |
| Dionne    | Patricia   | Professor           | Education                    | Vocational Guidance                      | Population Aging   | Health: Promotion, Prevention, and Precision Approaches  | Identity building<br>Adult and continuing education<br>Inclusion and exclusion<br>Labour market integration<br>Self-help relationships   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patricia.dionne">https://www.usherbrooke.ca/recherche/specialistes/details/patricia.dionne</a>   |
| Dorceus   | Sabrina    | Professor           | Education                    | Vocational Guidance                      | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Career development of immigrants and ethnic/visible minorities<br>Professional counselling practices<br>Diversity in employment<br>Inequality and discrimination<br>Measurement and assessment<br>Psychometrics  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sabrina.dorceus">https://www.usherbrooke.ca/recherche/specialistes/details/sabrina.dorceus</a>   |
| Doré      | Chantal    | Professor           | Medicine and Health Sciences | School of Nursing                        | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Social determinants of health<br>Community development and nursing practice<br>Community health and social service interventions<br>Interculturality, cultural diversity and nursing<br>Women's health and reproductive health and science<br>Technology and society | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/chantal.dore">https://www.usherbrooke.ca/recherche/specialistes/details/chantal.dore</a>         |

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|-----------|------------|-----------------|---|-------------------------------------|---|------------------------------------|---|---|
| Dubé      | Timothy    | Professor       | Medicine and Health Sciences                  | Family Medicine                     | The Environment and Climate Change                      | N/A                                | Adult and continuing education<br>Social contexts<br>Professional practices<br>Social responsibility in health  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/timothy.dube">https://www.usherbrooke.ca/recherche/specialistes/details/timothy.dube</a>           |
| Dufour    | Geneviève  | Professor       | Law   | Law                                 | The Environment and Climate Change                      | N/A                                | Activist causes<br>Human rights<br>Environmental law<br>Corporate social responsibility   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/genevieve.dufour2">https://www.usherbrooke.ca/recherche/specialistes/details/genevieve.dufour2</a> |
| Dumais    | Nancy      | Vice-Dean       | Science                                       | Biology                             | Health: Promotion, Prevention, and Precision Approaches | The Environment and Climate Change | Cellular signalling and infectious and immune diseases<br>Immunological mediators: cytokines and chemokines   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nancy.dumais">https://www.usherbrooke.ca/recherche/specialistes/details/nancy.dumais</a>           |
| Dumas     | Marc       | Centre Director | Center for the Study of Contemporary Religion | Obstetrics-Gynecology               | The Environment and Climate Change                      | N/A                                | Philosophical foundations<br>Religious dynamics<br>Major religious traditions<br>Religion<br>Cultures and spaces<br>Forms of knowledge<br>Foundations of religious<br>Mystical and moral thought and of mythical thought<br>Epistemology and methodology<br>Perception and representation<br>Cultural references<br>Applied ethics<br>Individual and community ethics<br>Pregnancy/Childbirth | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marc.dumas">https://www.usherbrooke.ca/recherche/specialistes/details/marc.dumas</a>               |
| Fafard    | Simon      | Professor       | Engineering                                   | Electrical and Computer Engineering | The Environment and Climate Change                      | N/A                                | Chemical composition<br>Wind and solar energy<br>Nanomaterials  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/simon.fafard">https://www.usherbrooke.ca/recherche/specialistes/details/simon.fafard</a>           |



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|----------------|------------|---------------------|-------------------------------------|---------------------------------|--|--|--|---|
| Festa-Bianchet | Marco      | Department Director | Medicine and Health Sciences        | Biology                         | The Environment and Climate Change                       | Population Aging   | <ul style="list-style-type: none"> <li>Conservation</li> <li>Ecology</li> <li>Evolution</li> <li>Population dynamics</li> <li>Reproductive strategies</li> <li>Reproductive success</li> <li>Social behavior</li> <li>Wildlife management</li> </ul>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marco.festa-bianchet">https://www.usherbrooke.ca/recherche/specialistes/details/marco.festa-bianchet</a> |
| Fortin         | Marc André | Professor           | Art, Humanities and Social Sciences | Arts, Languages and Literatures | N/A  | N/A  | <ul style="list-style-type: none"> <li>Artistic and literary theories</li> <li>Arts, literature and subjectivity</li> <li>Artistic and literary movements, schools and styles</li> <li>Consciousness, subjectivity, and personal identity</li> <li>Science and knowledge</li> <li>Transcultural Studies</li> </ul> | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marc.andre.fortin">https://www.usherbrooke.ca/recherche/specialistes/details/marc.andre.fortin</a>       |
| Fortin         | Véronique  | Professor           | Law                                 | Law                             | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | <ul style="list-style-type: none"> <li>Administration of justice</li> <li>Criminal law</li> <li>Rights and liberties</li> <li>Urban spaces and urbanity</li> <li>Homelessness</li> <li>Social movements</li> </ul>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/veronique.fortin6">https://www.usherbrooke.ca/recherche/specialistes/details/veronique.fortin6</a>       |
| Fournier       | Richard    | Department Director | Art, Humanities and Social Sciences | Applied Geomatics               | The Environment and Climate Change                       | Togetherness: Culture, Plurality, Governance, and Equity | <ul style="list-style-type: none"> <li>Telemetry (remote sensing, radar)</li> <li>Ecosystems (terrestrial and aquatic)</li> <li>Biogeography</li> <li>Surface characterisation</li> <li>Forestry technologies and equipment</li> </ul>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/richard.fournier">https://www.usherbrooke.ca/recherche/specialistes/details/richard.fournier</a>         |
| Fournier       | Patrick    | Vice-Dean           | Science                             | Physics                         | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                       | <ul style="list-style-type: none"> <li>Nanosystems</li> <li>Solids</li> <li>Superconductors</li> <li>Surfaces</li> <li>interfaces and thin films</li> <li>Phase transitions</li> </ul>   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patrick.fournier">https://www.usherbrooke.ca/recherche/specialistes/details/patrick.fournier</a>         |

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|-----------|------------|-----------|------------------------------|------------------------|--|---|---|---|
| Fraser    | Véronique  | Professor | Law                          | Law                    | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training | Participatory justice (negotiation, mediation, arbitration, intercultural conflicts)<br>Dispute prevention and preventive practices (master solutions lawyer, legal design lawyering)<br>Mixed dispute prevention and resolution processes<br>Intercultural negotiation and mediation | <a href="https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/veronique-fraser#acc-4629-391">https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/veronique-fraser#acc-4629-391</a> |
| Fraser    | William    | Professor | Medicine and Health Sciences | Obstetrics-Gynecology  | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                  | Decision analysis<br>Epidemiology<br>Epidural<br>Maternal morbidity<br>Perinatology<br>Randomized clinical trial  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/william.fraser">https://www.usherbrooke.ca/recherche/specialistes/details/william.fraser</a>   |
| Fréchette | Luc        | Professor | Engineering                  | Mechanical Engineering | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                  | Sensors and devices<br>Heat transfer<br>Fluid mechanics<br>Micro and nanoelectronics<br>Electrochemical and combustion cells<br>Multiphase systems<br>Wind and solar energy<br>Nanomaterials  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/luc.frechette">https://www.usherbrooke.ca/recherche/specialistes/details/luc.frechette</a>   |
| Gagné     | Andréanne  | Professor | Education                    | Pedagogy               | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Teacher training in practice<br>Partnership between universities and schools for practical training<br>Accompanying teachers<br>Identity dynamics<br>Professional integration and professional transition   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/andreeanne.gagne4">https://www.usherbrooke.ca/recherche/specialistes/details/andreeanne.gagne4</a>   |
| Gagné     | Vincent    | Professor | Business School              | Accounting             | The Environment and Climate Change                       | N/A   | Sustainable development<br>Social responsibility<br>Governance and normalization  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/vincent.gagne2">https://www.usherbrooke.ca/recherche/specialistes/details/vincent.gagne2</a>   |

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|-----------|------------|-----------|------------------------------|---------------------------------|--|---|--|---|
| Gagné     | Richard    | Professor | Engineering                  | Civil and Building Engineering  | Innovative Materials/Processes and Quantum Science       | N/A   | Concrete and cement<br>Degradation and ageing of large structures<br>Bridges<br>Dams<br>Strength of structures   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/richard.gagne">https://www.usherbrooke.ca/recherche/specialistes/details/richard.gagne</a>         |
| Gagnon    | Claudia    | Professor | Education                    | Pedagogy                        | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Teaching practices<br>Alternation<br>Professional training<br>Internships<br>In-company training<br>Coaching<br>Teacher induction<br>Differentiated practices<br>Supervision<br>Mentoring<br>Professional teaching | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/claudia.gagnon2">https://www.usherbrooke.ca/recherche/specialistes/details/claudia.gagnon2</a>     |
| Gagnon    | Mathieu    | Professor | Education                    | Preschool and Primary Education | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training | Educational approaches<br>Epistemology of teaching<br>Ways of learning<br>Systems of thought (education)<br>Philosophical traditions in education  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.gagnon3">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.gagnon3</a>     |
| Gallagher | Frances    | Professor | Medicine and Health Sciences | School of Nursing               | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                  | Primary care<br>Prevention<br>Health promotion<br>Empowerment<br>Continuing education<br>Pedagogy<br>Chronic diseases  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/frances.gallagher">https://www.usherbrooke.ca/recherche/specialistes/details/frances.gallagher</a> |
| Garant    | Dany       | Professor | Science                      | Biology                         | The Environment and Climate Change                       | N/A   | Genotype and phenotype<br>Evolution and phylogeny<br>Biodiversity and biocomplexity<br>Animals<br>Environments and habitats  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/dany.garant">https://www.usherbrooke.ca/recherche/specialistes/details/dany.garant</a>             |

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|---------------|------------|-----------|-------------------------------------|-------------------------------|---|--|---|---|
| Garon         | Suzanne    | Professor | Art, Humanities and Social Sciences | School of Social Work         | Population Aging  | Together: Culture, Plurality, Governance, and Equity | Evaluative research<br>Community development<br>Municipalités amie des aînés (MADA) [EN: Elder Friendly Municipalities (EFM)]<br>Epistemology<br>Individual-society mediation<br>Participatory research<br>User participation | <a href="https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/suzanne-garon#acc-1997-28">https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/suzanne-garon#acc-1997-28</a> |
| Garon-Carrier | Gabrielle  | Professor | Education                           | Psychoeducation               | The Environment and Climate Change                      | N/A  | Adaptations<br>Learning and developmental approaches<br>Family contexts<br>Social determinants of health<br>Social determinants of child and adolescent development<br>Child and family services                              | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/gabrielle-garon-carrier">https://www.usherbrooke.ca/recherche/specialistes/details/gabrielle-garon-carrier</a>   |
| Gaudreau      | Luc        | Professor | Medicine and Health Sciences        | Biology                       | Health: Promotion, Prevention, and Precision Approaches | The Environment and Climate Change                   | Biological and biochemical mechanisms<br>Cell<br>Chromosome (living organisms)<br>Gene (living organisms)<br>Genotype and phenotype   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/luc.r.gaudreau">https://www.usherbrooke.ca/recherche/specialistes/details/luc.r.gaudreau</a>   |
| Gaudreault    | Nathalie   | Professor | Medicine and Health Sciences        | School of Rehabilitation      | Health: Promotion, Prevention, and Precision Approaches | Together: Culture, Plurality, Governance, and Equity | Locomotor activity<br>Movement disorders<br>Arthritis<br>Osteoarthritis<br>Pain<br>Occupational health and safety   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nathaly.gaudreault">https://www.usherbrooke.ca/recherche/specialistes/details/nathaly.gaudreault</a>   |
| Gélinas       | Claude     | Professor | Art, Humanities and Social Sciences | Philosophy and Applied Ethics | Together: Culture, Plurality, Governance, and Equity    | N/A  | Religious dynamics<br>Migrations, settlements, and cultural contacts<br>Social organisation and political system<br>Religious systems   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/claude.gelinas">https://www.usherbrooke.ca/recherche/specialistes/details/claude.gelinas</a>   |
| Généreux      | Mélissa    | Professor | Medicine and Health Sciences        | Community Health Sciences     | The Environment and Climate Change                      | N/A  | Social determinants of health<br>Epidemiology<br>Environmental health   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/melissa.generoux">https://www.usherbrooke.ca/recherche/specialistes/details/melissa.generoux</a>   |

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| Last Name | First Name     | Title     | Faculty                             | Department                               | Main research topic                                      | Secondary research topic           | Overview of specific research interests   | Website   |
|-----------|----------------|-----------|-------------------------------------|--|--|------------------------------------|---|---|
| Germain   | Mickaël        | Professor | Art, Humanities and Social Sciences | Applied Geomatics                        | The Environment and Climate Change                       | N/A                                | Electrical and electronic engineering<br>Earth sciences (geology, physical geography, etc.)   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mickael.germain">https://www.usherbrooke.ca/recherche/specialistes/details/mickael.germain</a>           |
| Gilles    | David          | Professor | Law                                 | Law                                      | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change | Civil law<br>Jurisprudence<br>Social organisation and political system<br>Moral codification systems<br>Value systems and norms                       | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/david.gilles">https://www.usherbrooke.ca/recherche/specialistes/details/david.gilles</a>                 |
| Godbout   | Luc            | Professor | Business School                     | Taxation                                 | Togetherness: Culture, Plurality, Governance, and Equity | Population Aging                   | Public finance and taxation<br>Public policy and services   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/luc.godbout">https://www.usherbrooke.ca/recherche/specialistes/details/luc.godbout</a>                   |
| Goïta     | Kalifa         | Professor | Art, Humanities and Social Sciences | Applied Geomatics                        | The Environment and Climate Change                       | N/A                                | Telemetry (remote sensing, radar)<br>Geomatics<br>Climate change and impacts<br>Ice and snow<br>Ecosystems (terrestrial and aquatic)                  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/kalifa.goita">https://www.usherbrooke.ca/recherche/specialistes/details/kalifa.goita</a>                 |
| Gouin     | Marie-Michelle | Professor | Business School                     | Management and Human Resource Management | Health: Promotion, Prevention, and Precision Approaches  | N/A                                | Psychosocial aspects<br>Prolonged incapacity<br>Social negotiations<br>Collective decision-making<br>Return to work<br>Occupational health and safety | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-michelle.gouin">https://www.usherbrooke.ca/recherche/specialistes/details/marie-michelle.gouin</a> |
| Goulet    | Éric           | Professor | Physical Activity Sciences          | Anthropokinetics                         | The Environment and Climate Change                       | Population Aging                   | Kinesiology<br>Physiology   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/eric.goulet">https://www.usherbrooke.ca/recherche/specialistes/details/eric.goulet</a>                   |

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|-----------|------------|-----------|-------------------------------------|---|--|--|--|---|
| Goyette   | Jonathan   | Professor | Business School                     | Economics                                 | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Development and environmental economics<br>Political economy<br>Governance<br>Entrepreneurship constraints<br>Credit constraints   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jonathan.goyette">https://www.usherbrooke.ca/recherche/specialistes/details/jonathan.goyette</a>     |
| Goyette   | Mathieu    | Professor | Medicine and Health Sciences        | Community Health Sciences                 | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Delinquency<br>Virtual reality<br>Sexuality<br>Care technologies<br>Addiction  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.goyette">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.goyette</a>       |
| Gravel    | Dominique  | Professor | Science                             | Biology                                   | The Environment and Climate Change                       | N/A  | Biodiversity and biocomplexity<br>Biogeography<br>Ecosystems (terrestrial and aquatic)<br>Ecological and ecophysiological processes  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/dominique.gravel">https://www.usherbrooke.ca/recherche/specialistes/details/dominique.gravel</a>     |
| Grenier   | Benoît     | Professor | Art, Humanities and Social Sciences | History                                   | N/A  | Togetherness: Culture, Plurality, Governance, and Equity | Social history of pre-industrial Quebec<br>Rural history<br>France and New France (17th-19th centuries)<br>Seigneurie in France and Quebec: society, culture, economy<br>History of women and gender, family, widowhood<br>Power, social conflicts, notability and relations of otherness in the pre-industrial era<br>Agriculture and agricultural change | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/benoit.grenier2">https://www.usherbrooke.ca/recherche/specialistes/details/benoit.grenier2</a>       |
| Groleau   | Denis      | Professor | Engineering                         | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                       | Microorganisms<br>Industrial processes in biotechnology  | <a href="https://www.usherbrooke.ca/genie-chimique/biotech/departement/profs-associes">https://www.usherbrooke.ca/genie-chimique/biotech/departement/profs-associes</a> |

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|-----------|---------------|--------------------------------------|------------------------------|---------------------------------|--|---|---|---|
| Guégen    | Céline        | Professor                            | Science                      | Chemistry                       | The Environment and Climate Change                       | N/A   | Bioremediation<br>Water/continent interfaces<br>Chemical pollutants<br>Chemical processes   | <a href="https://www.usherbrooke.ca/recherche/speci/ialistes/details/celine.gueguen">https://www.usherbrooke.ca/recherche/speci/ialistes/details/celine.gueguen</a>               |
| Haraoui   | Louis-Patrick | Professor                            | Medicine and Health Sciences | Microbiology and Infectiology   | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Antibiotics and resistance<br>Micro-organisms<br>Bacteria<br>Bacterial infections<br>Armed conflicts<br>Social determinants of infectious and immune diseases<br>AIDS/HIV | <a href="https://www.usherbrooke.ca/recherche/speci/ialistes/details/louis.patrick.haraoui">https://www.usherbrooke.ca/recherche/speci/ialistes/details/louis.patrick.haraoui</a> |
| Hasni     | Abdelkrim     | Professor                            | Education                    | Preschool and Primary Education | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training     | Educational approaches<br>Epistemology of teaching<br>Scientific awareness<br>Teaching methods  | <a href="https://www.usherbrooke.ca/recherche/speci/ialistes/details/abdelkrim.hasni">https://www.usherbrooke.ca/recherche/speci/ialistes/details/abdelkrim.hasni</a>             |
| Hatcher   | Sharon        | Adjunct Dean in Saguenay-Lac-St-Jean | Medicine and Health Sciences | Family Medicine                 | The Environment and Climate Change                       | N/A   | Competent, humane, community-based, open to expertise, supportive and concerned medicine helping vulnerable clients<br>First Peoples health                               | <a href="https://www.usherbrooke.ca/medecine/faculte/direction/pre-sharon-hatcher">https://www.usherbrooke.ca/medecine/faculte/direction/pre-sharon-hatcher</a>                   |
| Hausladen | Debra         | Professor                            | Engineering                  | Civil and Building Engineering  | The Environment and Climate Change                       | N/A   | Drinking water<br>Industrial and urban contamination of land<br>Mining and petroleum contamination<br>Soil and sediments<br>Soil decontamination                          | <a href="https://www.usherbrooke.ca/recherche/speci/ialistes/details/debra.hausladen">https://www.usherbrooke.ca/recherche/speci/ialistes/details/debra.hausladen</a>             |

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|---------------|------------|---------------------|------------------------------|---|---|--|--|---|
| He            | Jie        | Department Director | Business School              | Economics                                 | The Environment and Climate Change                      | N/A  | Globalisation and "mondialisation"<br>Sustainable development<br>Economic systems<br>Air pollutants<br>Environmental health                          | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jie.he">https://www.usherbrooke.ca/recherche/specialistes/details/jie.he</a>   |
| Heitz         | Michèle    | Professor           | Engineering                  | Chemical and Biotechnological Engineering | The Environment and Climate Change                      | N/A  | Environment<br>Biological air treatment<br>Production of biodiesel from microalgae<br>Valorization by biological means of whey                       | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/michele.heitz">https://www.usherbrooke.ca/recherche/specialistes/details/michele.heitz</a>   |
| Hofheinz      | Max        | Professor           | Engineering                  | Electrical and Computer Engineering       | Innovative Materials/Processes and Quantum Science      | The Environment and Climate Change                       | Quantum superconducting circuits<br>Josephson photonics<br>Microwave circuits<br>Quantum measurement<br>Quantum electronics                          | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/max.hofheinz">https://www.usherbrooke.ca/recherche/specialistes/details/max.hofheinz</a>   |
| Hountohotegbè | Sédjro     | Professor           | Law                          | Law                                       | Digital Age: Intelligent Organizations and Training     | Togetherness: Culture, Plurality, Governance, and Equity | Dispute prevention and resolution (mediation, negotiation, participatory justice)<br>Civil law<br>Civil procedure<br>Legal theory<br>Comparative law | <a href="https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/sedjro-axel-luc-hountohotegbe#acc-4642-418">https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/sedjro-axel-luc-hountohotegbe#acc-4642-418</a> |
| Hudon         | Catherine  | Professor           | Medicine and Health Sciences | Family Medicine                           | Health: Promotion, Prevention, and Precision Approaches | Togetherness: Culture, Plurality, Governance, and Equity | Patients with complex needs<br>Primary care<br>Care integration<br>Chronic diseases<br>Frequent users<br>Self-management support                     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/catherine.hudon">https://www.usherbrooke.ca/recherche/specialistes/details/catherine.hudon</a>   |



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|-----------|-------------|---------------------|-------------------------------------|---|--|------------------------------------|--|---|
| Huot      | Yannick     | Professor           | Art, Humanities and Social Sciences | Applied Geomatics                         | The Environment and Climate Change                       | N/A                                | Chlorophyll fluorescence<br>Limnology<br>Ocean color remote sensing<br>Oceanography<br>Ocean optics<br>Phytoplankton<br>Primary production   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/yannick.huot">https://www.usherbrooke.ca/recherche/specialistes/details/yannick.huot</a>   |
| Hurtubise | Roch        | Professor           | Art, Humanities and Social Sciences | School of Social Work                     | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Transformations in family structures<br>Family dynamics<br>Homelessness, poverty, food aid, street youth<br>Analysis of professional practices<br>Organisation of services and consultation                      | <a href="https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/roch-hurtubise#acc-2009-30">https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/roch-hurtubise#acc-2009-30</a> |
| Inès Esma | Achouri     | Professor           | Engineering                         | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change | Chemical and pharmaceutical process intensification<br>Energy efficiency<br>Heterogeneous catalysts<br>Cold plasma assisted process<br>Catalytic conversion  | <a href="https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/ines-esma-achouri">https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/ines-esma-achouri</a>   |
| Jasmin    | Emmanuelle  | Professor           | Medicine and Health Sciences        | School of Rehabilitation                  | The Environment and Climate Change                       | N/A                                | Supporting children's development, participation or well-being<br>Neurodevelopmental disorders<br>Occupational therapy interventions for children<br>Needs assessment<br>Ecosystem and cross-cultural approaches | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/emmanuelle.jasmin">https://www.usherbrooke.ca/recherche/specialistes/details/emmanuelle.jasmin</a>   |
| Joncas    | Jo Anni     | Professor           | Education                           | Pedagogy                                  | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Diversity, equity, and social Justice<br>Inclusive and First Peoples education<br>Social and school policy<br>Knowledge mobilization<br>Vocational education<br>Higher education                                 | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jo.anni.joncas">https://www.usherbrooke.ca/recherche/specialistes/details/jo.anni.joncas</a>   |
| Kalubi    | Jean-Claude | Department Director | Education                           | School and Social Adaptation Studies      | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Dynamics of social transformations<br>Educational disadvantage<br>Parent-child relationships<br>Family roles<br>Trends and indicators  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-claude.kalubi-lukusa">https://www.usherbrooke.ca/recherche/specialistes/details/jean-claude.kalubi-lukusa</a>   |

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|-----------|------------|-----------|-------------------------------------|--------------------------------|--|--------------------------|---|---|
| Koussens  | David      | Professor | Law                                 | Law                            | Togetherness: Culture, Plurality, Governance, and Equity | N/A                      | Human rights and freedoms<br>Collective rights<br>Religious dynamics<br>Moral judgement and morality of duty and obligation<br>Freedom and constraints<br>Prohibition and sanction<br>Value systems and norms | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/david.koussens">https://www.usherbrooke.ca/recherche/specjalistes/details/david.koussens</a>     |
| Lacey     | Jay        | Professor | Engineering                         | Civil and Building Engineering | The Environment and Climate Change                       | N/A                      | Fresh water<br>Running water hydrosystem<br>Ecological and ecophysiological processes<br>Fishery resources<br>Landscape and restoration   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/jay.lacey">https://www.usherbrooke.ca/recherche/specjalistes/details/jay.lacey</a>               |
| Lacroix   | Isabelle   | Vice-Dean | Art, Humanities and Social Sciences | Applied Politics               | Togetherness: Culture, Plurality, Governance, and Equity | N/A                      | Ideological, political, economic, and social contexts of social transformations<br>Decision-making  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/isabelle.lacroix">https://www.usherbrooke.ca/recherche/specjalistes/details/isabelle.lacroix</a> |
| Lacroix   | André      | Professor | Art, Humanities and Social Sciences | Philosophy and Applied Ethics  | Togetherness: Culture, Plurality, Governance, and Equity | N/A                      | Applied ethics<br>Individual and community ethics<br>Foundations of ethics<br>Moral judgement and morality of duty and obligation<br>Social movements   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/andre.lacroix">https://www.usherbrooke.ca/recherche/specjalistes/details/andre.lacroix</a>       |
| Lafond    | Manuel     | Professor | Science                             | Computer Science               | N/A  | N/A                      | Bioinformatics<br>Algorithms<br>Evolution (of species, genes, tumours)<br>Graph theory<br>Clustering  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/manuel.lafond">https://www.usherbrooke.ca/recherche/specjalistes/details/manuel.lafond</a>       |

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|-------------------|---------------|---------------------|-------------------------------------|---------------------------------|--|--|---|---|
| Lafontaine        | Daniel        | Professor           | Medicine and Health Sciences        | Biology                         | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                       | Gene regulation and expression<br>Molecular genetics<br>Bacterial infections<br>Antibiotics and resistance  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/daniel.lafontaine">https://www.usherbrooke.ca/recherche/specialistes/details/daniel.lafontaine</a>   |
| Laforest-Lapointe | Isabelle      | Professor           | Science                             | Biology                         | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training      | Biodiversity and biocomplexity<br>Bioinformatics<br>Microorganisms  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.laforest-lapointe">https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.laforest-lapointe</a>   |
| Lafrenaye         | Sylvie        | Professor           | Medicine and Health Sciences        | Pediatrics                      | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Algorithms of sedative-analgesic treatment adapted to children in different contexts (hospitalisation, ambulatory, chronic)<br>Phenomenon of chronicisation of pain<br>Neurophysiological mechanisms of pain in former premature babies and in children with attention deficit disorder<br>Contribution of excessive sedentary behaviour in adolescents to explain the phenomenon of chronic pain<br>Characteristics of caregivers towards pain, including empathy and self-awareness | <a href="https://apps.med.usherbrooke.ca/FicheProfesseursChercheurs/FicheProfesseurUdeS.aspx?guid=3639C144-CB78-4127-84BA-E8720F562DE4">https://apps.med.usherbrooke.ca/FicheProfesseursChercheurs/FicheProfesseurUdeS.aspx?guid=3639C144-CB78-4127-84BA-E8720F562DE4</a> |
| Lahaie            | Christiane    | Department Director | Art, Humanities and Social Sciences | Arts, Languages and Literatures | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | Creative writing (short stories, novels, poetry, and screenwriting)<br>Geocriticism<br>Landscape theory<br>Fantasy literature and film<br>Mythical places   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/christiane.lahaie">https://www.usherbrooke.ca/recherche/specialistes/details/christiane.lahaie</a>   |
| Lalonde           | Jean-François | Professor           | Business School                     | Entrepreneurship                | Digital Age: Intelligent Organizations and Training      | N/A  | Culture and entrepreneurship<br>Epistemology of entrepreneurship<br>Entrepreneurial teams   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.lalonde">https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.lalonde</a>   |

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| Last Name | First Name | Title     | Faculty                             | Department                           | Main research topic                                      | Secondary research topic                                 | Overview of specific research interests   | Website   |
|-----------|------------|-----------|-------------------------------------|--------------------------------------|--|--|---|---|
| Lalonde   | Louise     | Professor | Law                                 | Law                                  | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A  | Ideological, political, economic, and social contexts of social transformations<br>Administrative law<br>Human rights and freedoms<br>Collective rights<br>Public policies and services   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/louise.lalonde">https://www.usherbrooke.ca/recherche/specialistes/details/louise.lalonde</a>           |
| Lambert   | Annie      | Professor | Art, Humanities and Social Sciences | School of Social Work                | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A  | Social work<br>Protection practices<br>Families in difficulty<br>Ethics and ethical deliberation<br>Decision-making in complex situations<br>Analysis of professional practices<br>Recognition of experiential knowledge<br>Educational innovations | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/annie.lambert">https://www.usherbrooke.ca/recherche/specialistes/details/annie.lambert</a>             |
| Lane      | Julie      | Professor | Education                           | School and Social Adaptation Studies | Health: Promotion, Prevention, and Precision Approaches  | Digital Age: Intelligent Organizations and Training      | Educational approaches<br>Teaching<br>Adult and continuing education<br>Teaching methods  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/julie.lane">https://www.usherbrooke.ca/recherche/specialistes/details/julie.lane</a>                   |
| Langelier | Eve        | Professor | Engineering                         | Mechanical Engineering               | TogetherNESS: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Bioengineering<br>Women in science<br>Technology<br>Engineering and mathematics (STEM)  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/eve.langelier">https://www.usherbrooke.ca/recherche/specialistes/details/eve.langelier</a>             |
| Langlois  | Alexandre  | Professor | Art, Humanities and Social Sciences | Applied Geomatics                    | The Environment and Climate Change                       | N/A  | Geomatics<br>Hydrological cycle and reservoirs<br>Ice and snow<br>Natural risk control<br>Natural risks   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/alexandre.langlois2">https://www.usherbrooke.ca/recherche/specialistes/details/alexandre.langlois2</a> |
| Larivière | Nadine     | Professor | Medicine and Health Sciences        | School of Rehabilitation             | Health: Promotion, Prevention, and Precision Approaches  | TogetherNESS: Culture, Plurality, Governance, and Equity | People with borderline personality disorder<br>Functional issues of people with mental disorders such as life balance<br>Evaluation of mental health programmes   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nadine.lariviere">https://www.usherbrooke.ca/recherche/specialistes/details/nadine.lariviere</a>       |
| Larose    | François   | Professor | Education                           | Preschool and Primary Education      | Digital Age: Intelligent Organizations and Training      | TogetherNESS: Culture, Plurality, Governance, and Equity | Interaction analysis<br>Impact assessment<br>Vulnerable populations<br>School-family-community relations<br>Social representations  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/francois.larose">https://www.usherbrooke.ca/recherche/specialistes/details/francois.larose</a>         |

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| Last Name | First Name | Title     | Faculty                      | Department                           | Main research topic                                      | Secondary research topic                                | Overview of specific research interests   | Website   |
|-----------|------------|-----------|------------------------------|--------------------------------------|--|---|---|---|
| Latulippe | Lyne       | Professor | Business School              | Taxation                             | N/A  | N/A   | Tax policy<br>International tax governance<br>International taxation  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/lyne.latulippe">https://www.usherbrooke.ca/recherche/specialistes/details/lyne.latulippe</a>       |
| Laurent   | Angélique  | Professor | Education                    | Preschool and Primary Education      | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Global child development<br>Vulnerable populations<br>School readiness and transition to kindergarten<br>Oral language acquisition in social contexts<br>Early literacy<br>Quality of interactions in early education<br>Gesture/language relationships | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/angelique.laurent">https://www.usherbrooke.ca/recherche/specialistes/details/angelique.laurent</a> |
| Laurier   | Catherine  | Professor | Education                    | Psychoeducation                      | Health: Promotion, Prevention, and Precision Approaches  | N/A   | Mental health and society<br>Behavioural problems<br>Delinquency<br>Suicide<br>Life cycles (childhood, adolescence, adult, etc.)  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/catherine.laurier">https://www.usherbrooke.ca/recherche/specialistes/details/catherine.laurier</a> |
| Lavallée  | Carmen     | Professor | Law                          | Law                                  | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Adoption<br>Civil law<br>International law<br>Human rights and freedoms<br>Collective rights<br>Case law  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/carmen.lavallee">https://www.usherbrooke.ca/recherche/specialistes/details/carmen.lavallee</a>     |
| Lavigne   | Pierre     | Professor | Medicine and Health Sciences | Biochemistry and Functional Genomics | Health: Promotion, Prevention, and Precision Approaches  | N/A   | Development of c-Myc inhibitors<br>Structural biology of Miz-1<br>Structural biology of START domains<br>Structural biology of GPCRs<br>Structural biology of pro-Urotensin-II  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/pierre.lavigne">https://www.usherbrooke.ca/recherche/specialistes/details/pierre.lavigne</a>       |
| Lavoie    | Constance  | Professor | Education                    | Preschool and Primary Education      | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Oral language didactics<br>Language teaching for plurilingual and/or First Peoples children<br>Cultural safety in higher education  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/constance.lavoie2">https://www.usherbrooke.ca/recherche/specialistes/details/constance.lavoie2</a> |

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| Lavoie        | Jean-Michel | Professor           | Engineering                         | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science       | N/A   | Biomass (energy)<br>Other wood transformation<br>Organic molecules and biomolecules                   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-michel.lavoie2">https://www.usherbrooke.ca/recherche/specialistes/details/jean-michel.lavoie2</a>         |
| Le Corff      | Yann        | Professor           | Education                           | Vocational Guidance                       | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Measurement and evaluation<br>Guidance<br>School information<br>Psychoeducation<br>Psychology         | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/yann.le.corff">https://www.usherbrooke.ca/recherche/specialistes/details/yann.le.corff</a>                     |
| Le Glaunec    | Jean-Pierre | Department Director | Art, Humanities and Social Sciences | History                                   | The Environment and Climate Change                       | N/A   | Cultural exchanges<br>Identity and transnationality<br>Migrations<br>Settlements<br>Cultural contacts | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-pierre.le.glaunec">https://www.usherbrooke.ca/recherche/specialistes/details/jean-pierre.le.glaunec</a>   |
| Lebel-Grenier | Sébastien   | Professor           | Law                                 | Law                                       | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Rights and freedoms<br>Religious freedom<br>Constitutional law<br>Legal theory<br>Legal education     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.lebel-grenier">https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.lebel-grenier</a> |
| Leconte       | Robert      | Professor           | Engineering                         | Civil and Building Engineering            | The Environment and Climate Change                       | N/A   | Climate change<br>Water resources management<br>Hydrology<br>Remote sensing<br>Hydrological modelling | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/robert.leconte">https://www.usherbrooke.ca/recherche/specialistes/details/robert.leconte</a>                   |

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|-----------|-------------|---------------------------------|-------------------------------------|---------------------------------|--|--|---|---|
| Lemay     | Louise      | Professor                       | Art, Humanities and Social Sciences | School of Social Work           | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Youth and families living with multiple and complex problems<br>Neglect issues<br>Collaboration between parents and caregivers<br>Analysis of power relationships and approaches based on the empowerment of individuals and communities<br>Analysis of professional and intersectoral practices<br>Individualised and intersectoral service plan approaches<br>Interprofessional collaboration<br>Partnership mediation and coordination of services in complex situations | <a href="https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/louise-lemay#acc-2026-33">https://www.usherbrooke.ca/travail-social/lecole-de-travail-social/personnel/personnel-enseignant/louise-lemay#acc-2026-33</a> |
| Lemelin   | Jean-Pascal | Assistant to the Vice-President | Education                           | Psychoeducation                 | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Emotional development<br>Behavioural problems<br>School maladjustment<br>Parent-child relationships<br>Cognitive development  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-pascal.lemelin">https://www.usherbrooke.ca/recherche/specialistes/details/jean-pascal.lemelin</a>   |
| Lemelin   | Myriam      | Professor                       | Art, Humanities and Social Sciences | Applied Geomatics               | The Environment and Climate Change                       | N/A  | Geomatics<br>Radiation-matter interactions<br>Stones and silicates<br>Geological and geomorphological processes<br>Planetary and solar systems<br>Structure and composition of the Earth  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/myriam.lemelin">https://www.usherbrooke.ca/recherche/specialistes/details/myriam.lemelin</a>   |
| Lemieux   | René        | Professor                       | Art, Humanities and Social Sciences | Arts, Languages and Literatures | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Translation of First Peoples languages and literatures<br>Professional conditions of First Peoples translators and interpreters<br>First Peoples law<br>Theories of reception and translation<br>Contemporary political philosophy<br>Relations between semiology and politics (discourse analysis)   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/rene.lemieux">https://www.usherbrooke.ca/recherche/specialistes/details/rene.lemieux</a>   |
| Lenoir    | Annick      | Professor                       | Art, Humanities and Social Sciences | School of Social Work           | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Conditions of adaptation and integration<br>Construction of identity<br>Individual and community ethics<br>Ethnic and intercultural relations<br>Specific social services (clienteles)<br>Family trajectories   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/annick.lenoir">https://www.usherbrooke.ca/recherche/specialistes/details/annick.lenoir</a>   |

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|------------|-------------|---------------------|-------------------------------------|--|--|--|---|---|
| Lépine     | Martin      | Vice-Dean           | Education                           | Preschool and Primary Education          | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | Didactics of French<br>Primary and secondary education<br>Didactic approaches to literature<br>Literary reading<br>Reading-writing-oral articulation<br>Cultural dimension of the school  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/martin.lepine">https://www.usherbrooke.ca/recherche/specialistes/details/martin.lepine</a>             |
| Lessard    | Anne        | Dean                | Education                           | School and Social Adaptation Studies     | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | School dropout<br>Student engagement<br>Teaching practices<br>Classroom management  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/anne.lessard">https://www.usherbrooke.ca/recherche/specialistes/details/anne.lessard</a>               |
| Letarte    | Marie-Josée | Department Director | Education                           | Psychoeducation                          | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Behavioural problems<br>Parent-child relationships<br>Child and family services<br>Specific social services (clienteles)  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-josée.letarte">https://www.usherbrooke.ca/recherche/specialistes/details/marie-josée.letarte</a> |
| Létourneau | Isabelle    | Professor           | Business School                     | Management and Human Resource Management | Digital Age: Intelligent Organizations and Training      | Togetherness: Culture, Plurality, Governance, and Equity | Working conditions<br>Dynamics of social transformations<br>Management of change (structural, technological, and cultural)<br>Health promotion<br>Occupational health and safety<br>Applied ethics<br>Ethics (business, professional) | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.letourneau">https://www.usherbrooke.ca/recherche/specialistes/details/isabelle.letourneau</a> |
| Létourneau | Alain       | Professor           | Art, Humanities and Social Sciences | Philosophy and Applied Ethics            | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training      | Protection and management of the natural and built environment<br>Rhetoric and argumentation<br>Applied ethics<br>Value systems and standards   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/alain.letourneau">https://www.usherbrooke.ca/recherche/specialistes/details/alain.letourneau</a>       |
| Loignon    | Christine   | Professor           | Medicine and Health Sciences        | Family Medicine                          | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Socio-economic conditions<br>Social determinants of health<br>Professional practices<br>Health promotion<br>Health services   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/christine.loignon">https://www.usherbrooke.ca/recherche/specialistes/details/christine.loignon</a>     |



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|-------------------|------------|-----------|-------------------------------------|---------------------------------|--|------------------------------------|---|---|
| Luneau            | Marie-Pier | Professor | Art, Humanities and Social Sciences | Arts, Languages and Literatures | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Contexts of transmission and reception of literary or artistic works<br>Social identity of the artist or writer<br>Legitimation bodies<br>Methods or strategies of dissemination  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-pier.luneau">https://www.usherbrooke.ca/recherche/specialistes/details/marie-pier.luneau</a>             |
| Lussiers Desbiens | Alexis     | Professor | Engineering                         | Mechanical Engineering          | Digital Age: Intelligent Organizations and Training      | The Environment and Climate Change | Robotics and automation<br>Mechatronics<br>Modelization and simulation  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/alexis.lussier.desbiens">https://www.usherbrooke.ca/recherche/specialistes/details/alexis.lussier.desbiens</a> |
| Magagi            | Ramata     | Professor | Art, Humanities and Social Sciences | Applied Geomatics               | The Environment and Climate Change                       | N/A                                | Ice and snow<br>Soils and sediments<br>Telemetry (remote sensing, radar)  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/ramata.magagi">https://www.usherbrooke.ca/recherche/specialistes/details/ramata.magagi</a>                     |
| Makela            | Finn       | Professor | Law                                 | Law                             | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Labour law<br>Legal theory<br>Administrative law<br>Human rights<br>Higher education law  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/finn.makela">https://www.usherbrooke.ca/recherche/specialistes/details/finn.makela</a>                         |
| Marchildon        | Allison    | Professor | Art, Humanities and Social Sciences | Philosophy and Applied Ethics   | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Ethics<br>Power<br>Accountability<br>Organisational ethics<br>Public ethics<br>Corporate social responsibility<br>Responsible finance<br>Ethical certifications<br>Institutional constraints on ethics<br>Qualitative methodology | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/allison.marchildon">https://www.usherbrooke.ca/recherche/specialistes/details/allison.marchildon</a>           |
| Martin-Storey     | Alexa      | Professor | Education                           | Psychoeducation                 | Togetherness: Culture, Plurality, Governance, and Equity | N/A                                | Family context<br>Life cycles (childhood, adolescence, adult, etc.)<br>Family trajectories<br>Child and adolescent behavioural disorders<br>Gender nonconformity<br>Sexual minority<br>Stigma                                     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/alexa.martin-storey">https://www.usherbrooke.ca/recherche/specialistes/details/alexa.martin-storey</a>         |

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|-----------|-----------------|-----------|-------------|---------------------------------|--|---|--|---|
| Masmoudi  | Radhouane       | Professor | Engineering | Civil and Building Engineering  | Togetherness: Culture, Plurality, Governance, and Equity | Innovative Materials/Processes and Quantum Science      | Development of new hybrid structures<br>Structural materials<br>Structural design  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/radhouane.masmoudi">https://www.usherbrooke.ca/recherche/specialistes/details/radhouane.masmoudi</a>   |
| Maubant   | Philippe        | Professor | Education   | Preschool and Primary Education | The Environment and Climate Change                       | N/A   | Social contexts<br>Adult and continuing education<br>Learning styles<br>Teaching styles<br>Thought systems (education)   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/philippe.maubant">https://www.usherbrooke.ca/recherche/specialistes/details/philippe.maubant</a>   |
| Mayrand   | Hélène          | Professor | Law         | Law                             | The Environment and Climate Change                       | N/A   | Critical approaches to law<br>Immigration and refugee law<br>Environmental law<br>Public international law   | <a href="https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/helene-mayrand#acc-4690-519">https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/helene-mayrand#acc-4690-519</a> |
| Ménard    | Jean-Frédéric   | Professor | Law         | Law                             | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Medical law<br>Childhood<br>Clinical ethics<br>Health systems governance<br>Grounded theory  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-frederic.menard">https://www.usherbrooke.ca/recherche/specialistes/details/jean-frederic.menard</a>                                     |
| Mercure   | Pierre-François | Professor | Law         | Law                             | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                      | International agreements and treaties<br>International aid<br>International cooperation<br>International law and arbitration<br>Globalisation and "mondialisation" | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/pierre-francois.mercure">https://www.usherbrooke.ca/recherche/specialistes/details/pierre-francois.mercure</a>                               |
| Mignault  | Patrick         | Professor | Law         | Law                             | Togetherness: Culture, Plurality, Governance, and Equity | Population Aging  | Economic analysis of law<br>Risk management<br>Governance<br>Pension schemes<br>Economic regulation  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patrick.mignault">https://www.usherbrooke.ca/recherche/specialistes/details/patrick.mignault</a>   |
| Moffett   | Peter           | Professor | Science     | Biology                         | The Environment and Climate Change                       | N/A   | Plants<br>Gene (Living Organisms)<br>Virus (Living Organisms)<br>Enzymes and Proteins  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/peter.moffett">https://www.usherbrooke.ca/recherche/specialistes/details/peter.moffett</a>   |

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|-----------|------------|-----------|-------------------------------------|---------------------------------|--|---|---|---|
| Moisan    | Sabrina    | Professor | Education                           | Pedagogy                        | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Political contexts<br>Religious contexts<br>Social contexts<br>Epistemology of education  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/sabrina.moisan">https://www.usherbrooke.ca/recherche/spec ialistes/details/sabrina.moisan</a>   |
| Moreau    | Daniel     | Professor | Education                           | Preschool and Primary Education | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Educational approaches<br>Teaching<br>Learning styles<br>Teaching styles  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/daniel.moreau">https://www.usherbrooke.ca/recherche/spec ialistes/details/daniel.moreau</a>     |
| Moreau    | Stéphane   | Professor | Engineering                         | Mechanical Engineering          | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training     | Fluid mechanics<br>Modelization and simulation<br>Turbulence<br>Propulsion<br>Machinery   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/stephane.moreau">https://www.usherbrooke.ca/recherche/spec ialistes/details/stephane.moreau</a> |
| Morel     | Maia       | Professor | Education                           | Preschool and Primary Education | The Environment and Climate Change                       | N/A   | Didactic transposition/didactisation of art<br>Arts and cultural education - international perspectives<br>Arts and cultural mediation<br>Arts and environmental education<br>Arts and human diversity education<br>Arts and education for living together<br>Immigration - identity and cultural integration | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/maia.morel">https://www.usherbrooke.ca/recherche/spec ialistes/details/maia.morel</a>           |
| Morin     | David      | Professor | Art, Humanities and Social Sciences | Applied Politics                | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Foreign affairs<br>Internal Affairs<br>Armed conflicts<br>Decision-making<br>Public security and civil protection   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/david.morin4">https://www.usherbrooke.ca/recherche/spec ialistes/details/david.morin4</a>       |
| Morin     | Paul       | Professor | Art, Humanities and Social Sciences | School of Social Work           | Health: Promotion, Prevention, and Precision Approaches  | N/A   | Adaptation and integration conditions<br>Social policies<br>Social networks<br>Adapted services (housing, transport)<br>Values and lifestyles   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/paul.morin">https://www.usherbrooke.ca/recherche/spec ialistes/details/paul.morin</a>           |

## Research inventory

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|----------------|--------------|-----------|------------------------------|--|--|--|--|---|
| Morin          | Marie-France | Professor | Education                    | School and Social Adaptation Studies     | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | Learning difficulties<br>Mechanisms of language acquisition<br>Comprehension and production<br>Learning styles   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-france.morin">https://www.usherbrooke.ca/recherche/specialistes/details/marie-france.morin</a>       |
| Morin          | Mélanie      | Professor | Medicine and Health Sciences | School of Rehabilitation                 | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                       | Female urogenital system disorders<br>Pain<br>Sexual dysfunctions<br>Prenatal and perinatal trauma<br>Imaging<br>Diagnostic techniques<br>Muscle   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/melanie.m.morin">https://www.usherbrooke.ca/recherche/specialistes/details/melanie.m.morin</a>             |
| Myre-Bisaillon | Julie        | Professor | Education                    | School and Social Adaptation Studies     | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Educational approaches<br>Learning difficulties<br>Education<br>Child and family services<br>Learning styles   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/julie.myre.bisaillon">https://www.usherbrooke.ca/recherche/specialistes/details/julie.myre.bisaillon</a>   |
| Nadeau         | Marie-France | Professor | Education                    | Preschool and Primary Education          | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Educational approaches<br>Learning and development approaches<br>Adaptation and inclusion conditions<br>Education<br>Educational disadvantage<br>Teaching and learning systems<br>Educational technologies | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-france.z.nadeau">https://www.usherbrooke.ca/recherche/specialistes/details/marie-france.z.nadeau</a> |
| Nadeau         | Sandy        | Professor | Education                    | Preschool and Primary Education          | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Pupils' needs<br>School-family-community collaboration<br>School engagement<br>Family influences<br>Disadvantaged environment<br>School resilience   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sandy.nadeau2">https://www.usherbrooke.ca/recherche/specialistes/details/sandy.nadeau2</a>                 |
| Noël           | Pierre       | Professor | Business School              | Management and Human Resource Management | N/A  | N/A  | Legal Management of religious diversity in Canada<br>Comparative religious law<br>Managing cultural<br>Religious diversity in business   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/pierre.noel">https://www.usherbrooke.ca/recherche/specialistes/details/pierre.noel</a>                     |
| Ntebutse       | Jean Gabin   | Professor | Education                    | Pedagogy                                 | Digital Age: Intelligent Organizations and Training      | Togetherness: Culture, Plurality, Governance, and Equity | Paradigm shift in education<br>Learning and development<br>Pedagogical innovations<br>Digital competence<br>Higher education mentoring<br>School resilience  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean.gabin.ntebutse">https://www.usherbrooke.ca/recherche/specialistes/details/jean.gabin.ntebutse</a>     |

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| Nuth      | Mathieu      | Department Director | Engineering                         | Civil and Building Engineering | The Environment and Climate Change                       | N/A   | Unsaturated soil mechanics<br>Elasto-plastic behaviour of soils<br>Behaviour of mine tailings<br>Dynamic behaviour of soils   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.nuth">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.nuth</a>                   |
| O'Neill   | Norman       | Professor           | Art, Humanities and Social Sciences | Applied Geomatics              | The Environment and Climate Change                       | N/A   | Atmosphere (including chemical aspects)<br>Telemetry (remote sensing, radar)<br>Climate change and impacts  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/norman.t.oneill">https://www.usherbrooke.ca/recherche/specialistes/details/norman.t.oneill</a>             |
| Paquette  | Geneviève    | Professor           | Education                           | Psychoeducation                | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches | Child abuse and neglect<br>Sexual abuse<br>Mental health and psychopathology of children and adolescents<br>Behavioural problems<br>Specific social services (clienteles)<br>Violence<br>Gender relations | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/genevieve.paquette">https://www.usherbrooke.ca/recherche/specialistes/details/genevieve.paquette</a>       |
| Pasquier  | Jean-Charles | Professor           | Medicine and Health Sciences        | Obstetrics-Gynecology          | The Environment and Climate Change                       | N/A   | Prematurity<br>Perinatal<br>Prenatal and perinatal trauma   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-charles.pasquier">https://www.usherbrooke.ca/recherche/specialistes/details/jean-charles.pasquier</a> |
| Patenaude | Johane       | Professor           | Medicine and Health Sciences        | Surgery                        | The Environment and Climate Change                       | N/A   | Integrated socio-ethical assessment of technological innovation and emerging technologies (from conception to commercialisation, adoption and implementation in the community)                            | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/johane.patenaude">https://www.usherbrooke.ca/recherche/specialistes/details/johane.patenaude</a>           |

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| Paultre   | Patrick    | Professor | Engineering                  | Civil and Building Engineering | Innovative Materials/Processes and Quantum Science       | Togetherness: Culture, Plurality, Governance, and Equity | Structural dynamics<br>Dynamic testing<br>Numerical methods in structural dynamics<br>Earthquake engineering<br>Non-linear behaviour of reinforced concrete structures<br>Active and passive control<br>Natural rubber isolators and dampers<br>Damage detection | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patrick.paultre">https://www.usherbrooke.ca/recherche/specialistes/details/patrick.paultre</a>     |
| Pavot     | David      | Professor | Business School              | Marketing                      | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | International law  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/david.pavot">https://www.usherbrooke.ca/recherche/specialistes/details/david.pavot</a>             |
| Pelletier | Karine     | Professor | Business School              | Finance                        | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Merger and acquisitions<br>Responsible finance<br>Controlling<br>Corporate financial management<br>Corporate cash management   | <a href="http://grefa.recherche.usherbrooke.ca/membres-reguliers#Pelletier,%20Karine">http://grefa.recherche.usherbrooke.ca/membres-reguliers#Pelletier,%20Karine</a> |
| Pelletier | Fanie      | Professor | Science                      | Biology                        | The Environment and Climate Change                       | Population Aging   | Biology<br>Conservation and evolutionary demography  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/fanie.pelletier">https://www.usherbrooke.ca/recherche/specialistes/details/fanie.pelletier</a>     |
| Pelli     | Martino    | Professor | Business School              | Economics                      | N/A  | N/A  | Applied economics<br>Development economics<br>Energy economics<br>Environmental and resource economics   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/martino.pelli">https://www.usherbrooke.ca/recherche/specialistes/details/martino.pelli</a>         |
| Petit     | Genevieve  | Professor | Medicine and Health Sciences | Community Health Sciences      | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                       | Public health<br>Preventive medicine   | <a href="https://www.usherbrooke.ca/medecine/actualites/nouvelles/details/41758">https://www.usherbrooke.ca/medecine/actualites/nouvelles/details/41758</a>           |

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| Picard          | Mathieu        | Professor | Engineering | Mechanical Engineering | The Environment and Climate Change                  | N/A   | Fluid mechanics<br>Propulsion<br>Energy conservation<br>Machinery  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.picard">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.picard</a>                 |
| Pigot           | Hélène         | Professor | Science     | Computer Science       | N/A   | Population Aging                                    | Cognitive assistance for the elderly and cognitively impaired<br>Software development<br>Pattern recognition and computer graphics   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/helene.pigot">https://www.usherbrooke.ca/recherche/specialistes/details/helene.pigot</a>                     |
| Plante          | Jean-Sébastien | Professor | Engineering | Mechanical Engineering | The Environment and Climate Change                  | Digital Age: Intelligent Organizations and Training | Robotics and automation<br>Hydrogen technology   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-sebastien.plante">https://www.usherbrooke.ca/recherche/specialistes/details/jean-sebastien.plante</a>   |
| Poncet          | Sébastien      | Professor | Engineering | Mechanical Engineering | The Environment and Climate Change                  | N/A   | Fluid mechanics<br>Heat transfer<br>Modelling and simulation<br>Coastal sedimentation<br>Urban, industrial, and agricultural wastewater treatment<br>Turbulence<br>Energy storage<br>Machinery | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.poncet">https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.poncet</a>             |
| Popescu Holgado | Otilia         | Professor | Education   | Pedagogy               | Digital Age: Intelligent Organizations and Training | The Environment and Climate Change                  | Learning and professional development<br>Training and work with adults and young adults<br>Specificities and challenges of the teaching profession in vocational training                      | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/otilia.popescu.holgado">https://www.usherbrooke.ca/recherche/specialistes/details/otilia.popescu.holgado</a> |

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| Provencher          | Véronique  | Professor | Medicine and Health Sciences        | School of Rehabilitation                  | Population Aging   | Togetherness: Culture, Plurality, Governance, and Equity | Health services<br>Loss of autonomy<br>Quality of life and ageing<br>Adaptation and integration conditions  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/veronique.provencher">https://www.usherbrooke.ca/recherche/specjalistes/details/veronique.provencher</a>   |
| Puentes-Neuman      | Guadalupe  | Professor | Art, Humanities and Social Sciences | Psychology                                | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Social-emotional development and regulation<br>Parent-child relationships<br>Attachment<br>Early stimulation and intervention<br>Fatherhood<br>Father-child relationship<br>Adaptation and resilience | <a href="https://www.usherbrooke.ca/psychologie/departement/personnel/personnel-enseignant/guadalupe-puentes-neuman">https://www.usherbrooke.ca/psychologie/departement/personnel/personnel-enseignant/guadalupe-puentes-neuman</a> |
| Qi                  | Dahai      | Professor | Engineering                         | Civil and Building Engineering            | The Environment and Climate Change                       | Health: Promotion, Prevention, and Precision Approaches  | Fire Safety<br>Building ventilation<br>Building energy efficiency   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/dahai.qi">https://www.usherbrooke.ca/recherche/specjalistes/details/dahai.qi</a>   |
| Refakar             | Mohammad   | Professor | Business School                     | Finance                                   | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Corruption<br>Financial crime<br>Mergers and acquisitions<br>Corporate governance<br>Media and investment   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/mohammad.refakar">https://www.usherbrooke.ca/recherche/specjalistes/details/mohammad.refakar</a>   |
| Rego De Vasconcelos | Bruna      | Professor | Engineering                         | Chemical and Biotechnological Engineering | The Environment and Climate Change                       | N/A  | Power-to-X<br>Energy recovery from greenhouse gases<br>Renewable energies<br>Electrocatalytic conversions<br>Chemical storage of renewable electricity  | <a href="https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/bruna-rego-de-vasconcelos">https://www.usherbrooke.ca/genie-chimique/biotech/departement/professeurs/bruna-rego-de-vasconcelos</a>               |
| Rhnima              | Abdelaziz  | Professor | Business School                     | Management and Human Resource Management  | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Values and lifestyles<br>Impact of social support on productivity in the context of work-family conflict  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/abdelaziz.rhnima">https://www.usherbrooke.ca/recherche/specjalistes/details/abdelaziz.rhnima</a>   |
| Richard             | Patrick    | Professor | Business School                     | Economics                                 | N/A  | The Environment and Climate Change                       | Econometrics<br>Monetary and fiscal policy  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/patrick.richard2">https://www.usherbrooke.ca/recherche/specjalistes/details/patrick.richard2</a>   |



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| Rivard      | Patrice      | Professor | Engineering                         | Civil and Building Engineering | The Environment and Climate Change                       | Innovative Materials/Processes and Quantum Science       | Degradation and ageing of large structures<br>Concrete and cement<br>Stones and silicates<br>Structure and macroscopic characterisation<br>Soils and sediments | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/patrice.rivard">https://www.usherbrooke.ca/recherche/specialistes/details/patrice.rivard</a>   |
| Robert      | Mathieu      | Professor | Engineering                         | Civil and Building Engineering | Innovative Materials/Processes and Quantum Science       | N/A  | Composites<br>Material degradation<br>Material design<br>Product properties and testing<br>Polymers  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.robert2">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.robert2</a>   |
| Robert      | Marie-Pierre | Professor | Law                                 | Law                            | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Criminal law<br>Rights and freedoms<br>Religion, cultures and spaces   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/marie-pierre.robert">https://www.usherbrooke.ca/recherche/specialistes/details/marie-pierre.robert</a>   |
| Robichaud   | Léon         | Professor | Art, Humanities and Social Sciences | History                        | Togetherness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training      | History and multimedia<br>Applied history<br>Social history of New France  | <a href="https://www.usherbrooke.ca/histoire/department/personnel/personnel-enseignant/leon.robichaud#acc-14995-1036">https://www.usherbrooke.ca/histoire/department/personnel/personnel-enseignant/leon.robichaud#acc-14995-1036</a> |
| Rottembourg | Diane        | Professor | Medicine and Health Sciences        | Pediatrics                     | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Endocrine disorders<br>Autoimmune diseases   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/diane.rottembourg">https://www.usherbrooke.ca/recherche/specialistes/details/diane.rottembourg</a>   |

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| Rouillard | Jean-François | Professor | Business School                     | Economics                           | The Environment and Climate Change                       | Population Aging   | Open economy and "mondialisation"<br>Real estate market<br>International capital markets and products<br>Modelling  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.rouillard">https://www.usherbrooke.ca/recherche/specialistes/details/jean-francois.rouillard</a>                     |
| Rousseau  | Guillaume     | Professor | Law                                 | Law                                 | Togetherness: Culture, Plurality, Governance, and Equity | The Environment and Climate Change                       | Public law<br>Municipal law (including governance, planning and urban development)<br>Language law<br>Constitutional law (especially rights and freedoms and democratic institutions)<br>Comparative law    | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/guillaume.rousseau">https://www.usherbrooke.ca/recherche/specialistes/details/guillaume.rousseau</a>                               |
| Roy       | Philippe      | Professor | Art, Humanities and Social Sciences | School of Social Work               | Togetherness: Culture, Plurality, Governance, and Equity | Health: Promotion, Prevention, and Precision Approaches  | Mental health promotion<br>Gender<br>Men and masculinities,<br>Rurality<br>Suicide prevention<br>Social work<br>First Peoples   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/philippe.roy5">https://www.usherbrooke.ca/recherche/specialistes/details/philippe.roy5</a>   |
| Roy       | Simon         | Professor | Law                                 | Law                                 | N/A  | Togetherness: Culture, Plurality, Governance, and Equity | Fighting financial crime<br>Criminal law  | <a href="https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/simon-roy#acc-4710-593">https://www.usherbrooke.ca/droit/faculte/personnel/corps-professoral/simon-roy#acc-4710-593</a> |
| Roy       | Mathieu       | Professor | Medicine and Health Sciences        | Family Medicine                     | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                       | Eating behaviour<br>Social determinants of health<br>Nutrition and ageing<br>Health promotion<br>Mental health and society<br>Eating disorders  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.roy7">https://www.usherbrooke.ca/recherche/specialistes/details/mathieu.roy7</a>   |
| Roy       | Sébastien     | Professor | Engineering                         | Electrical and Computer Engineering | The Environment and Climate Change                       | N/A  | Broadband digital wireless communication systems<br>Antenna arrays and array processing<br>Signal processing applied to communications<br>Efficient hardware implementation of signal processing algorithms | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.roy13">https://www.usherbrooke.ca/recherche/specialistes/details/sebastien.roy13</a>                                     |

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|-----------|---------------------|-----------|-------------------------------------|---------------------------|--|---|---|---|
| Royer     | Alain               | Professor | Art, Humanities and Social Sciences | Applied Geomatics         | The Environment and Climate Change                       | N/A   | Surface characterisation<br>Climate change and impacts<br>Telemetry (remote sensing, radar)<br>Ice and snow<br>Natural risks  | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/alain.royer">https://www.usherbrooke.ca/recherche/specjalistes/details/alain.royer</a>                       |
| Saussez   | Frédéric            | Professor | Education                           | Pedagogy                  | Togetherness: Culture, Plurality, Governance, and Equity | N/A   | Educational approaches<br>Learning and development approaches<br>Social contexts<br>Forms of knowledge<br>Socialisation   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/frederic.saussez">https://www.usherbrooke.ca/recherche/specjalistes/details/frederic.saussez</a>             |
| Segura    | Pedro Alejandro     | Professor | Science                             | Chemistry                 | The Environment and Climate Change                       | N/A   | Analytical chemistry<br>Aquatic environment<br>Environmental fate<br>Method development<br>Ecotoxicity<br>Chromatography<br>Mass spectrometry<br>Non-target analysis<br>Trace organic contaminants<br>Macro and microplastics | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/pedro.alejandra.segura">https://www.usherbrooke.ca/recherche/specjalistes/details/pedro.alejandra.segura</a> |
| Shareck   | Martine             | Professor | Medicine and Health Sciences        | Community Health Sciences | Health: Promotion, Prevention, and Precision Approaches  | The Environment and Climate Change                  | Health promotion<br>Epidemiology<br>Social determinants of health<br>Lifestyle determinants and health<br>Community health and public health<br>Socio-economic conditions<br>Health prevention                                | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/martine.shareck">https://www.usherbrooke.ca/recherche/specjalistes/details/martine.shareck</a>               |
| Shipley   | John William (Bill) | Professor | Science                             | Biology                   | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training | Biodiversity and biocomplexity<br>Ecological and ecophysiological processes<br>Environment and habitats<br>Plants   | <a href="https://www.usherbrooke.ca/recherche/specjalistes/details/john-william.shipley">https://www.usherbrooke.ca/recherche/specjalistes/details/john-william.shipley</a>     |

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| Sorin        | Mikhail    | Professor           | Engineering     | Mechanical Engineering                    | The Environment and Climate Change                       | Innovative Materials/Processes and Quantum Science | Applied thermodynamics<br>Energy efficiency<br>Modelling<br>Refrigeration<br>Heat recovery  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/mikhail.v.sorin">https://www.usherbrooke.ca/recherche/spec ialistes/details/mikhail.v.sorin</a>         |
| Soucy        | Gervais    | Department Director | Engineering     | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science       | N/A  | Chemical processes<br>Metals and alloys<br>Nanomaterials<br>Clean technologies<br>Liquid and gaseous waste treatment  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/gervais.soucy">https://www.usherbrooke.ca/recherche/spec ialistes/details/gervais.soucy</a>             |
| St-Hilaire   | France     | Professor           | Business School | Management and Human Resource Management  | N/A  | N/A  | Occupational health and safety<br>Social determinants of health   | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/france.st-hilaire">https://www.usherbrooke.ca/recherche/spec ialistes/details/france.st-hilaire</a>     |
| St-Hilaire   | Maxime     | Professor           | Law             | Law                                       | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A  | Epistemology<br>Legal, political and moral philosophy<br>Legal theory<br>Comparative law<br>Constitutional law  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/maxime.st-hilaire">https://www.usherbrooke.ca/recherche/spec ialistes/details/maxime.st-hilaire</a>     |
| Supeno       | Eddy       | Professor           | Education       | Vocational Guidance                       | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A  | Information and communication on training and work<br>Dynamics of learning pathways<br>Young adults without qualifications and populations in situations of precariousness or social vulnerability<br>Biographical bifurcations and transition situations | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/eddy.supeno">https://www.usherbrooke.ca/recherche/spec ialistes/details/eddy.supeno</a>                 |
| Tagnit Hamou | Arezki     | Professor           | Engineering     | Civil and Building Engineering            | Innovative Materials/Processes and Quantum Science       | The Environment and Climate Change                 | Concrete and cement<br>Ceramics and glass<br>Stones and silicates<br>Mineral processing<br>Solid waste treatment and recycling  | <a href="https://www.usherbrooke.ca/recherche/spec ialistes/details/arezki.tagnit-hamou">https://www.usherbrooke.ca/recherche/spec ialistes/details/arezki.tagnit-hamou</a> |

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| Takser    | Larissa    | Professor                       | Medicine and Health Sciences        | Pediatrics                          | N/A  | N/A  | Child cognitive development<br>Pregnancy/Childbirth<br>Metabolism of toxic agents<br>Community/public health<br>Environmental health             | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/larissa.takser">https://www.usherbrooke.ca/recherche/specialistes/details/larissa.takser</a>           |
| Théau     | Jérôme     | Professor                       | Art, Humanities and Social Sciences | Applied Geomatics                   | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training      | Biology and related sciences<br>Water and environment<br>Earth sciences (geology, physical geography, etc.)                                      | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jerome.theau">https://www.usherbrooke.ca/recherche/specialistes/details/jerome.theau</a>               |
| Thomas    | Lynn       | Professor                       | Education                           | Pedagogy                            | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Bilingualism and multilingualism<br>Language contact and language change<br>Social contexts<br>Pedagogical modes<br>Language policies and rights | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/lynn.thomas">https://www.usherbrooke.ca/recherche/specialistes/details/lynn.thomas</a>                 |
| Touchette | Luc        | Vice-Dean and Faculty Secretary | Education                           | Psychoeducation                     | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Child and family services<br>Behavioural problems<br>Child and adolescent mental health and psychopathology<br>Family Transitions                | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/luc.touchette">https://www.usherbrooke.ca/recherche/specialistes/details/luc.touchette</a>             |
| Tremblay  | Dominique  | Professor                       | Medicine and Health Sciences        | School of Nursing                   | Health: Promotion, Prevention, and Precision Approaches  | Togetherness: Culture, Plurality, Governance, and Equity | Managing change (structural, technological, and cultural)<br>Health care organisation<br>Professional practice<br>Health services<br>Nursing     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/dominique.tremblay2">https://www.usherbrooke.ca/recherche/specialistes/details/dominique.tremblay2</a> |
| Trovao    | Joao Pedro | Professor                       | Engineering                         | Electrical and Computer Engineering | The Environment and Climate Change                       | Digital Age: Intelligent Organizations and Training      | Energy storage<br>Industrial and power electronics<br>Electricity conversion and distribution<br>Transportation equipment<br>Electrical networks | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/joao.trovao">https://www.usherbrooke.ca/recherche/specialistes/details/joao.trovao</a>                 |
| Trudel    | Yves       | Department Director             | Business School                     | Finance                             | Togetherness: Culture, Plurality, Governance, and Equity | N/A  | Control mechanisms and performance measurement   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/yves.trudel">https://www.usherbrooke.ca/recherche/specialistes/details/yves.trudel</a>                 |

## Research inventory

| Last Name  | First Name | Title     | Faculty     | Department                                | Main research topic                                       | Secondary research topic                            | Overview of specific research interests  | Website   |
|------------|------------|-----------|-------------|---|---|---|--|---|
| Trudel     | Mélanie    | Professor | Engineering | Civil and Building Engineering            | The Environment and Climate Change                        | N/A   | Remote sensing of water resources<br>Hydrological modelling<br>Hydraulic modelling<br>Data assimilation<br>Climate change  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/melanie.trudel">https://www.usherbrooke.ca/recherche/specialistes/details/melanie.trudel</a>       |
| Van Houten | Elijah     | Professor | Engineering | Mechanical Engineering                    | Health: Promotion, Prevention, and Precision Approaches   | Digital Age: Intelligent Organizations and Training | Imagery<br>Optimization<br>Control and operations research<br>Structure and macroscopic characterization<br>Cancer diagnosis and detection<br>Energy networks and distribution | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/elijah.van.houten">https://www.usherbrooke.ca/recherche/specialistes/details/elijah.van.houten</a> |
| Veilleux   | Jocelyn    | Professor | Engineering | Chemical and Biotechnological Engineering | Innovative Materials/Processes and Quantum Science        | N/A   | Plasmas<br>Nanomaterials<br>Ceramics and glass<br>Electrochemical and fuel cells<br>Optics and photonics<br>Mineral processing<br>Coatings                                     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/jocelyn.veilleux">https://www.usherbrooke.ca/recherche/specialistes/details/jocelyn.veilleux</a>   |
| Vellend    | Mark       | Professor | Science     | Biology                                   | The Environment and Climate Change                        | N/A   | Biodiversity and biocomplexity<br>Ecological and ecophysiological processes<br>Environments and habitats<br>Genotype and phenotype<br>Landscape and restoration                | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/mark.vellend">https://www.usherbrooke.ca/recherche/specialistes/details/mark.vellend</a>           |
| Vezeina    | Edith      | Professor | Law         | Law                                       | Togetherhness: Culture, Plurality, Governance, and Equity | Digital Age: Intelligent Organizations and Training | Civil law<br>Family transitions<br>E-commerce<br>Change management (structural, technological and cultural)<br>Financial instruments   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/edith.vezeina">https://www.usherbrooke.ca/recherche/specialistes/details/edith.vezeina</a>         |
| Villemagne | Carine     | Professor | Education   | School and Social Adaptation Studies      | The Environment and Climate Change                        | N/A   | Educational approaches<br>Sustainable development<br>Dynamics of social transformations<br>Adult and continuing education  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/carine.villemagne">https://www.usherbrooke.ca/recherche/specialistes/details/carine.villemagne</a> |

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| Last Name   | First Name | Title               | Faculty                             | Department                      | Main research topic                                      | Secondary research topic | Overview of specific research interests   | Website   |
|-------------|------------|---------------------|-------------------------------------|---------------------------------|--|--------------------------|---|---|
| Vincent     | Josée      | Professor           | Art, Humanities and Social Sciences | Arts, Languages and Literatures | N/A  | N/A                      | Contexts of transmission and reception of literary or artistic works<br>Social identity of the artist or writer<br>Cultural institutions (museums, libraries, etc.)<br>Methods or strategies of dissemination<br>Politics of arts and letters     | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/josee.vincent">https://www.usherbrooke.ca/recherche/specialistes/details/josee.vincent</a>                           |
| Viscogliosi | Chantal    | Professor           | Medicine and Health Sciences        | School of Rehabilitation        | The Environment and Climate Change                       | N/A                      | Social aspects of ageing<br>Family contexts<br>Social contexts<br>Age and risk factors<br>Dementia<br>Cognition<br>Learning and memory<br>Local, regional and national government<br>Stroke<br>Social determinants of health<br>Distance learning | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/chantal.viscogliosi">https://www.usherbrooke.ca/recherche/specialistes/details/chantal.viscogliosi</a>               |
| Watteyne    | Nathalie   | Professor           | Art, Humanities and Social Sciences | Arts, Languages and Literatures | Digital Age: Intelligent Organizations and Training      | N/A                      | Analysis of literary or artistic works<br>Arts, literature, and subjectivity<br>Artistic or literary marginality<br>Artistic and literary movements, schools and styles<br>Artistic or literary theories  | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/nathalie.watteyne">https://www.usherbrooke.ca/recherche/specialistes/details/nathalie.watteyne</a>                   |
| Webster     | Alain      | Professor           | Business School                     | Economics                       | The Environment and Climate Change                       | N/A                      | Use of economic instruments in climate change management<br>Implementation of sustainable development strategies<br>Socially responsible finance  | <a href="https://www.usherbrooke.ca/environnement/le-cufe/personnel-enseignant/alain-webster/">https://www.usherbrooke.ca/environnement/le-cufe/personnel-enseignant/alain-webster/</a> |
| Yelle       | François   | Department Director | Art, Humanities and Social Sciences | Communication                   | TogetherNESS: Culture, Plurality, Governance, and Equity | N/A                      | Contexts of transmission and reception of literary or artistic works<br>Popular cultures produced and disseminated by the media<br>Schools of thought<br>Transcultural studies<br>Cultural industries   | <a href="https://www.usherbrooke.ca/recherche/specialistes/details/francois.yelle">https://www.usherbrooke.ca/recherche/specialistes/details/francois.yelle</a>                         |