Thesis Defense Seminars
BISI PhD exit seminar for Petra McDougall (Supervisor: Kathreen Ruckstuhl) on Thursday, October 21st at 9:00am, “What makes behaviors spread? Social and behavioural modulators of nonconscious mimicry and contagion” Please contact biosci@ucalgary.ca for Zoom details.

Seminars
CHEM Printed Electronics Symposium- Printed Electronics: Clean Electricity with Organic Solar Cells on Tuesday, October 19th from 10:00-11:00am. 10:00am: “Organic Photovoltaic scale up: issues, challenges and opportunities” By Dr. Diego Bagnis (CSEM Brazil). 10:20am: “Printing our energy future: A colorful take on solar energy” by Prof. Erin Ratcliff (University of Arizona). 10:40am: Question and Answer Panel hosted by Dr. Greg Welch. Please contact chem.info@ucalgary.ca for Zoom details.

NANS UofC nanoGroup is hosting their nano Talk series on Wednesday, October 4th from 4:00 to 5:00pm. “Magnetic nanomaterials: From Unconventional Magnetism to Unexpected Photoluminescence” By Dr. Simon Trudel (Department of Chemistry, University of Calgary). Seminar noticed attached, please register here for Zoom link.

MTST Colloquium Series- “Revisiting optimal Insurance under adverse selection” by Dr. Wenjun Jiang, Department of Mathematics and Statistics, University of Calgary. Thursday, October 21st, 2:00-3:00pm. This paper revisits the design of optimal insurance from an insurer’s perspective when subject to adverse selection issue. Please contact mathadmin@ucalgary.ca for Zoom details.

GEOS Gallagher Colloquium Series- “Co-metabolic Innovation along Eco-thermodynamic Gradients” by Dr. Steven Hallam, Professor of Microbiology and Immunology and Leopold Leadership Fellow, University of British Columbia on Thursday, October 21, 6:30-7:45pm. Please register here for the Zoom link.

PHAS Calgary Optics and Photonics Student Society (COPSS) is presenting their second SmallTalk of the year. “Single fiber spectroscopy for monitoring cerebral oxygen saturation on freely-moving rodents” by Dr. Linhui Yu, Research Fellow at Mass General Hospital, Harvard Medical School on Wednesday, October 27th, 12:00-1:00pm. Seminar notice attached, please register here for the Zoom link.

FoS The Departments within the Faculty of Science would like to initiate an open dialogue and some constructive discussion and mutual learning in the areas of Equity, Diversity, and Inclusion (EDI). The first in a series of informal Thursday morning “coffee chats” on various topics is Thursday, October 28th, from 10:00 to 11:00am. The first topic of discussion will be the article “How Diversity Works” (5 page, 15 minutes read) from Scientific American. Please contact sci.researchucalgary.ca for Zoom details.
Opportunities

**REMINDER: NSERC RTI Internal Deadline – October 20**

1. Complete your application in the [Research Portal](#). Once complete (including required attachments and your CCV), verify each section, and then press "Submit". Your application will be sent to the Research Services Office. **Please ensure your application is final and complete;** Research Services will not review drafts, and, once received, your application may be submitted to NSERC without further notice. **Final HARD deadline for submission is 12:00 p.m. Wednesday, October 20.**

2. Submit the Pre-Award record in [RMS](#) and “Submit for academic approvals” (under Save & Progress) to allow for approvals of Department Head and ADR prior to the RSO deadline. The RMS approvals must be submitted by **12:00 p.m. Wednesday, October 20.**

For more information, please consult the funding calendar entry [here](#).

**Alberta Land Institute 2021 Call for Proposals – Soil Health**

Alberta Land Institute is seeking proposals for research that can assist decision-makers to enhance stewardship efforts and improve environmental outcomes for soil health. ALI is interested in a better understanding of soil health information and education, regulation and policy, and funding and incentives. Research proposals are now being accepted in the Sustainable Agriculture research area, specifically focused on our Soil Health Initiative. ALI is particularly interested in proposals focused on exploring the linkages between agricultural practices, policies, and soil health. Proposals taking an interdisciplinary or multidisciplinary approach are welcome. Funding is for one year at up to $75,000 or two years at up to $150,000. **Applications are due at RSO by November 3, 2021 at noon.**

For more information, please contact Stephanie Patrick.

**2021/22 Collaborative Technology Development and Application Competition**

[Canadian Agri-food Automation and Intelligence Network (CAAIN)](#) has launched a $10 million Collaborative Technology Development and Application Competition, which is seeking innovative technology solutions for automation, digitalization, and smart technology application across Canada’s agri-food sector.

CAAIN will fund 20-40% of a project’s total eligible expenses up to a maximum of $3 million per project, for a maximum duration of three years.

Applicants will be part of a consortium that can include academic institutions, not-for-profit organizations, or companies legally entitled to do business in Canada, and will focus on automation and digital technology opportunities that contribute to advancing the agri-food sector. Successful proposals will provide strong innovation, economic, and public and societal benefits. All projects will require at least two small and medium-sized enterprise (SME) partners.

Registrations are due to Research Services at [ipd@ucalgary.ca](mailto:ipd@ucalgary.ca) by **noon on October 20, 2021**, and must be submitted to the funder at [info@caain.ca](mailto:info@caain.ca)(cc’ing [ipd@ucalgary.ca](mailto:ipd@ucalgary.ca)) by **2:00 pm on October 22, 2021.**

**Petroleum Technology Alliance Canada: Alberta Upstream Petroleum Research Fund**

PTAC is currently soliciting proposals which address specific knowledge gaps in the understanding and management of high priority environmental and social matters. The priority focus areas include: air issues, ecological, remediation and reclamation, water, and well abandonment.

The AUPRF application process utilizes a staged approach:

- Interested applicants should submit a [Letter of Intent (LOI)](#) no later than **November 7, 2021.**
- Successful applicants will be asked to submit a more detailed proposal in November 2021.
- Selected projects to proceed will be announced in early 2022.
For more information on the specific knowledge gaps in which proposals and innovative solutions are being sought, and to submit your LOI, visit this link. Please note this opportunity is not being administered by the Research Services Office.

**Killam Annual Professorships 2022- Call for Nominations:**
The Faculty of Science invites nominations for the Killam Annual Professorship. Nominees should have demonstrated excellence in the following primary areas: research, undergraduate and/or graduate teaching. Additionally, evidence of service to the discipline or community will support the overall application.

Eligible nominees will not have received this award before. The Faculty of Science is able to submit only two nominations for submission. Should there be more than two nominations put forward, an internal selection process will be conducted.

Nominations (including self-nominations) will be accepted until November 1, 2021. Submissions should include the nominee’s CV and a brief explanation of how the nominee meets the award criteria. Please send submissions to: Danielle Demiantschuk

**Killam Visiting Scholar Award- Call for Nominations:**
Do you have a colleague, outside of the University of Calgary, who would benefit the Faculty of Science by coming to work with us? The Killam Visiting Scholar Award sponsors a distinguished scholar who will make a significant contribution to the academic life of the University of Calgary. The scholar is expected to participate in the research and teaching programs of the host department as well as engage in their own research.

Currently, Dr. Richelle Allen-King is a Killam Visiting Scholar in the department of Geoscience conducting a skills course. Her main research interests are understanding and integrating the basic processes which control the fate and transport of contaminants in the environment, particularly in groundwater. Connect with Dr. Allen-King to learn more about her research or to say hi.

The Faculty of Science invites nominations for this award by November 1, 2021. The Faculty of Science is able to submit only one nomination for submission. Should there be more than one nomination put forward, an internal selection process will be conducted. Submissions should include the nominee’s CV and a brief explanation of how the nominee meets the award criteria. Please send submissions to: Danielle Demiantschuk

**Women in Science and Engineering (WISE) Planet- Call for Nominations:**
Faculty are encouraged to apply for a Women in Science and Engineering (WISE) Planet one year fellowship. A major part of the program is the Leadership Equity Action Plan (LEAP) Project. Applicants should consider their proposed LEAP Project in advance of the applying - and clearly show how this project will position them as a leader in their organization and will advance equity, diversity, inclusion or innovation (sustainability) in their organization or society at large. Applications are open until Nov 29th, 2021 and contact Cathy Ryan if you are interested in nominating someone for the program.

**Opportunities – Health**

**Alzheimer’s Society Research Program New Investigator Operating Grant**
The New Investigator Operating Grant is a prestigious funding opportunity designed to help launch the careers of outstanding researchers who are entering their first phase of an academic appointment. The intent is to help the grantee establish his/her laboratory and generate enough preliminary data to support fully competitive research grant proposals in national and international funding competitions.

Research Services full application deadline November 2, 2021 at 12:00pm.

Contact: Stephanie Patrick
The Canadian Institute for Military Veteran Health Research (CIMVHR) – Multiple calls

**True Patriot Love Research Initiative - Advancing research on servicewomen and women Veterans of the Canadian Armed Forces** due at RSO by October 27th at noon.

**Improving Canadian Armed Forces mental health and resilience training: understanding trainee preferences for the Road to Mental Readiness (R2MR) Program** due at RSO by October 29th at noon.

**Investigating Intra-articular Treatment Strategies for Early-Stage Joint Tissue Damage In the Canadian Armed Forces** due at RSO by October 29th at noon.

**Evaluation of Strength and Conditioning Program Implementation with the Goal of Reducing Musculoskeletal Injuries** due at RSO by October 29th at noon.

For more information please contact Stephanie Patrick.

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**2022 James Kreppner Award - Canadian Blood Services**

The James Kreppner Award program supports legal and/or bioethical research relevant to Canadian Blood Services. Research priorities for the James Kreppner Award include the legal, regulatory and/or bioethical aspects of (a) donation, collection, storage, and use of blood, blood products, and novel uses of hematopoietic stem cells; and (b) organ and tissue donation and transplantation. The 2021 James Kreppner Award will support one project with up to $50,000 for a period of one year. Letters of Intent (LOI) must be submitted (with approvals) to RSO (via RMS) by October 19, 2021 at noon.

For more information please contact Stephanie Patrick.

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**Opportunities – Social Sciences**

**Spencer Foundation Research-Practice Partnership Grants**

The Spencer Foundation Research-Practice Partnerships Grants (RPP) Program is intended to support education research projects that engage in collaborative and participatory partnerships with project budgets up to $400,000 and durations of up to three years.

Research conducted by RPPs will result in new insights into the processes, practices, and policies that improve education for learners, educators, families, communities, and institutions where learning and teaching happen (e.g., schools, universities, museums, other workplaces).

See documents in the Funding Calendar entry for further guidance in preparing your application.

Research Services’ final internal deadlines:

- LOI: noon on November 5th, 2021*
- Full application: noon on December 3rd, 2021

Contact: Caitlin Janzen

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**SSHRC Open Research Area 7th Call for Proposals**

The seventh round of Open Research Area (ORA) for the Social Sciences is based on an agreement among the ANR, France; the Deutsche Forschungsgemeinschaft (DFG), Germany; the Economic and Social Research Council of UK Research and Innovation (ESRC), UK; and the Social Sciences and Humanities Research Council (SSHRC), Canada.

With the goals of funding high-quality research within their own countries and strengthening international cooperation by working with some of the best researchers internationally, ANR, DFG, ESRC and SSHRC are launching a seventh ORA call for proposals in order to fund the best joint research projects. The scheme will provide funding for integrated projects by researchers coming from at least three of the four subscribing countries. Proposals may involve any of the disciplines, thematic areas or approaches eligible for SSHRC funding.

**Research Services internal Deadline is Friday, November 12 at 12pm.**

For more information, please contact Stephanie Patrick
Congratulations

Congratulations to Renate Scheidler (MTST/CPSC) on being named as one of the 2022 Fellows of the Association of Women in Mathematics. Her Citation reads: For her vision and role in founding the Women in Numbers Research Network, for her continuing leadership in that research community, and for impactful work mentoring women at all career stages. https://awm-math.org/awards-awm-fellows-2022-awm-fellows/

Did You Know?

That it is National Chemistry Week! It runs from October 17th to October 23rd and to celebrate the Department of Chemistry Outreach committee is launching a fun Instagram photo-contest open to everyone. People are invited to post pictures with creative captions on their Instagram account covering elements of the periodic table. The goal of the contest is to relate chemistry to everyday lives by taking pictures inspired by chemical elements. How to participate? Participants simply post their picture, with a caption, on Instagram and tag #UCalgaryChemistryWeek2021. The best images will be reposted on the Faculty of Science Twitter feed at the end of National Chemistry Week!