Thesis Defense Seminars

CPSC  MSc Final Seminar: “Bi-Modal Deep Neural Network for Gait Emotion Recognition” by Yajurv Bhatia (Supervisor: Dr. Marina Gavrilova) on Friday, October 28 at 10:00am on Zoom. Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

CPSC  MSc Final Seminar: “Anti-Freeze: High-Quality Adaptive Live Streaming with Real-time Transcoder” by Asif Mehmuda (Supervisor: Dr. Mea Wang) on Monday, November 7 at 10:00am on Zoom. Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

Seminars & Events

MTST  Fall 2022 Lunch at the Mathematical and Computational Finance Laboratory (MCFL) “(No-)Betting Pareto-Optima under Rank-Dependent Utility” Tim J. Boonen (Faculty of Economics and Business, University of Amsterdam) Tuesday, October 25, 2022 at 12:00pm in M5569.

SSE  Schulich Innovates “Advanced numerical modeling for aerospace and renewable energy applications” Artem Korobenko (Department of Mechanical and Manufacturing Engineering, University of Calgary) Wednesday, October 26, 2022 at 12:00pm in ENG207 or on Zoom. Please contact Schulich School of Engineering for details (schulichresearch@ucalgary.ca).

GEOS  Gallagher Colloquium “Salty Waters: Life’s Origins and Biological Habitability on Earth (and Mars?)” Ben Tutolo (Department of Geoscience, University of Calgary) Thursday, October 27, 2022 at 6:30pm on Zoom. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca).

CPSC  “What do we know about current NLP techniques for programming languages?” Fatemeh Fard (Department of Computer Science, Mathematics, Physics and Statistics, University of British Columbia, Okanagan) Tuesday, November 1, 2022 at 3:00pm in ICT 516 or on Zoom. Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

GEOS  Gallagher Visiting Scientist “Roles of aseismic and fluid-driven processes in crustal earthquakes – insights from induced and natural seismicity” Xiaowei Chen (Department of Geology & Geophysics, Texas A&M University) Tuesday, November 8, 2022 at 4:00pm in ES136.

Information for NSERC Discovery Grants & RTI Applicants

Reminder: NSERC DG Internal Deadline – October 27

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. Thursday, October 27th.

2. If you haven’t already submitted a Pre-Award record, you will need to do so now - 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. Thursday, October 27.
Opportunities

**UCalgary International Researcher Partnership Workshop Grant** 6 grants of $10,000 each are available from UC International to support partnership workshops for researchers at two or more international institutions to identify, initiate, or advance new projects and funding opportunities. Funding supports two workshops – one at UCalgary and one at the international partner institution. Application deadline: **November 30, 2022 4:30pm**. Contact Heather Clitheroe for assistance in preparing applications. Details and application available online.

**Natural Resources Canada: Clean Fuels Fund – Establishing Biomass Supply Chains**
The Establishing Biomass Supply Chains component includes three different project streams:

- Non-Indigenous Projects (Stream 1)
- Meaningful Indigenous-led Projects Stream (Stream 2)
- Majority Indigenous-led Projects Stream (Stream 3)

Each stream has separate eligibility criteria, different submission timing, different funding levels and contribution repayment requirements. Please see the program guide here, and the applicant form here.

**RSO Internal Deadline: November 18 at noon**
**RSO Contact: Tempest Emery**

**Alberta Conservation Association (ACA) Grants in Biodiversity** is now accepting applications for research in biodiversity, conservation biology, ecology, and related social science approaches that examine flora, fauna, and habitat in Alberta. Graduate students from any institution are invited to submit applications. Approval of project proposals will lead to a grant in support of field and research expenses for up to $20,000 for 2 years, beginning April 1, 2023. Application deadline **December 1, 2022 (4:00 p.m. MST)** Apply online

**Reminder: Taylor Institute 2023 Teaching and Learning Grants** are an excellent way to gain funding support for teaching ideas you want to implement and provide avenues for collaborating with peers and students on teaching projects. Details here. **Internal peer review deadline: October 31. Application deadline: January 15, 2023.**

**Reminder: Request for Faculty of Science Conference or Event Sponsorship** request form is now open. If you are hosting an event or conference and would like to request support from the Faculty of Science, please fill out the online form at Request Conference-Event Support Deadline for the Fall term is: **October 31, 2022**.

**Reminder: Mobilizing Alberta Climate Action Grants**
With support from Environment and Climate Change Canada’s Environmental Damages Fund, UCalgary’s Office of Sustainability is offering up to eight grants up to $50,000 to support projects that mobilize Albertans through climate awareness and action. Program guidelines can be found here. **Deadline: November 4 at 5pm** You are strongly encouraged to connect with the Office of Sustainability to discuss your project prior to submitting an application. Contact: Alana-Dawn Eirikson

**Reminder: ERA: Clean Energy Transition Partnership** is now open for applications. This is a transnational initiative. Project proposals require a project consortium consisting of at least three eligible applicants from at least three separate countries/regions participating. **RSO LOI Deadline: November 18 at noon.** Visit the website for details.


**Reminder: Earth Science for Society (ESfS)** The 10th Exhibition will take place on November 27-29 at MacEwan Hall. This is a free, fun, educational, and dynamic geoscience outreach event in which students, families, youth groups, and the public are given an opportunity to explore the wonders of Earth science. Interactive, hands-on exhibits are showcased in four themed pavilions. The organizers are seeking volunteers to help out. If interested, please visit [https://esfscanada.com/volunteers/](https://esfscanada.com/volunteers/).

**Reminder: NSERC Alliance Missions: Anthropogenic Greenhouse Gas Research**

These grants will provide support ranging from $100,000 to $500,000 per year, for a duration of three years, and will encourage interdisciplinary, collaborative research projects supporting net-zero GHG emissions targets. Projects must involve at least one partner organization that can be recognized for cost sharing.

Please read the [program description](#) for more details.

**Full Application internal deadline:** November 3 at noon

**Reminder: Test Your Concept Sessions – NSERC CREATE SUPPORT Committees** are hosting TYC sessions to engage with researchers interested in applying for major funding competitions and to provide feedback and guidance early in the development process. Any faculty members interested in receiving feedback on a research proposal are encouraged to participate. RSVP to [ipd@ucalgary.ca](mailto:ipd@ucalgary.ca) by the deadline below and to receive a TYC template.

**Deadline to confirm interest:** November 8 by 9am

**Date of session:** November 22, 2-4pm

**Opportunities – Awards**

For any award, including those listed below, if you are planning on submitting a nomination for yourself or someone else, and would like support in developing the nomination package, please contact Danielle Demiantschuk as early as possible. Other opportunities can be found on the [FOS awards site](#), and in the [RSO awards database](#).

**UCalgary’s Internationalization Achievement Awards** aim to recognize and celebrate the outstanding contributions of students, faculty, staff and community members in progressing our institutional commitment to excellence and leadership in internationalization. [Details here](#). **Deadline: October 31, 2022.**

**Simons Investigators in Mathematics, Physics, Astrophysics and Computer Science** supports midcareer outstanding theoretical scientists. [Details here](#). **Deadline: November 3, 2022**

**Governor General’s Innovation Awards** To be competitive for these awards, nominated innovators must be 30 years or younger, truly exceptional, transformative, and positive in their impact on the quality of life in Canada. [Details here](#). **Deadline: November 18, 2022.**

**Reminder: Taylor Institute: 2023 Teaching & Learning Grants** TL Grants are an excellent way to gain funding support for teaching ideas you want to implement and provide avenues for collaborating with peers and students on teaching projects. [Detail here](#). **Internal peer review deadline:** October 31. **Application deadline:** January 15, 2023.

**Opportunities – Health Sciences**

**Alex’s Lemonade Stand Foundation — Young Investigator Grant** is a three-year award designed to
support early career researchers, such as postdoctoral fellows, clinical fellows, or instructors, pursuing promising childhood cancer research ideas. These grants aim to cultivate the best and brightest researchers of the future who demonstrate a commitment to a research career in pediatric cancer. A mentor is required, and a career development plan must be included.

- **RSO Internal Deadline: December 7, 2022 at noon**
  RSO contact Emma Koiston.

**Alex’s Lemonade Stand Foundation — RUNX1 Early Career Investigator Program** promotes the establishment of a new generation of basic and translational scientists interested in tackling inherited hematologic malignancy predisposition disorders with a focus on RUNX1-familial platelet disorder. The RUNX1 Early Career Investigator grant is designed to fund research investigating strategies that will lead to the development of therapies that will prevent the transition from pre-malignancy to overt hematologic malignancy in patients with RUNX1-FPD. Applicants must have research experience working in, and a deep understanding of, normal or malignant hematopoiesis and/or immunology.

- **RSO Internal Deadline: December 16, 2022 at noon**
  RSO contact Emma Koiston.

**Reminder: Alberta Spine Foundation 75k Grant Competition**

The Alberta Spine Foundation is pleased to offer an additional funding opportunity to Alberta-based researchers interested in investigating a topic related to disorders of the spine. Up to $75,000 may be awarded to conduct research in the designated field. This money may be used over a period of 3 years for equipment, supplies, research personnel or consulting services. Travel expenses are not eligible for funding with this grant.

**RSO Internal Deadline:** October 26, 2022 at noon
RSO contact Stephanie Patrick

**Reminder: MSI Foundation Research Grant** will continue to support novice or emerging investigators in the field of health services and population health research (similar to CIHR pillar 3 or 4). Projects also require a co-applicant who is a user of research.

- **RSO Internal Deadline for LOI:** Tuesday, October 25, 2022 at noon
- **RSO Internal Deadline for Full Application:** Thursday, February 23, 2023 at noon
RSO contact Stephanie Patrick

**Reminder: Alzheimer Society Research Program – New Investigator 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. Applicants must be within six (6) years of their first academic appointment. Proposals are invited in all areas of research that are relevant to Alzheimer’s disease and other dementias.

**RSO Internal Deadline for Full Application:** Tuesday, November 1, 2022 at noon
RSO Contact: Stephanie Patrick

**Opportunities – Postdocs and Graduate**

**Polar Knowledge Canada’s Northern Scientific Training Program (NSTP)** supports graduate student research in the circumpolar north. Now accepting applications for the 2023-24 field season. Application deadline **November 10, 2022**. Visit the [Arctic Institute of North America website](http://www.arcticinstitute.org) for more information.

**CIHR Summer Program in Aging (SPA) 2023** is an intensive 5-day capacity-building program with the aim of providing graduate trainees with advanced training that crosses disciplines, offers networking opportunities, and disseminates best practices in research. SPA has been held yearly across Canada since 2006 on a different strategic theme each year. The program brings together up to 40 research trainees and numerous academic
mentors to participate in interactive learning sessions over the course of one week. The strategic theme for SPA 2023 will be Longer-living older adults: Multidisciplinary approaches to a growing area of research on aging.

RSO Final Internal Deadline (Full Application): Monday, November 21, 2022, at 12:00 PM
Contact: postdoc@ucalgary.ca

Reminder: Alzheimer Society Research Program Postdoctoral Fellowships
The ASRP provides grants and awards to support Canadian studies that promise new insights into causes, prevention, diagnosis, treatment and management of Alzheimer’s disease and other dementias.
- Award: $75,000 per year for two (2) years, plus $5,000 per year research allowance
- RSO Final Internal Deadline (Full Application): Tuesday, November 1st
- Contact: postdoc@ucalgary.ca

Reminder: Canadian Society of Geophysics Foundation (CSEG): awards annual scholarships to deserving geophysics students from universities across Canada. Scholarships are awarded based on academic performance, financial need, interest in geophysics, extra-curricular activities, leadership roles and references. Apply online Scholarship Online Application Deadline: November 1, 2022. See attached pdf

Reminder: Eyes High Postdoctoral Match-Funding Program (Fall 2022) This program will award partial salary ($25k for 2years) support for postdocs who will be highly competitive for external awards and will help advance the University of Calgary’s strategic research and innovation plan. This funding is intended for individuals who will be new postdocs at the University of Calgary at the start of their appointment. Contact vprawards@ucalgary.ca. Deadline: November 4, 2022.

Congratulations!
2022 Killam Laureates

Marina Gavrilova, CPSC, Killam Annual Professor Award

Mindi Summers, BISI, Killam Undergraduate Mentorship Award
Abhijeet Alase, PHAS, Killam Postdoctoral Laureate (2020-22)
D. Owen Paetkau, PHAS, Killam Pre-doctoral Laureate (First Year)
Davor Curic, PHAS, Killam Pre-doctoral Laureate (Second Year)

Georgina Freeman, CPSC-CMD, Killam Pre-doctoral Laureate (Second Year)
Luis Felipe Ponce Alvarex, BISI, Killam Pre-doctoral Laureate (Second Year)

Gerardo Zweegers, GEOS, Killam Pre-doctoral Laureate (Second Year)

Did You Know?

UF flourishing runs October 24-November 4, 2022. Support your well-being through online and in-person workshops, events and activities
Reminder: Those of you that have a website on the people.ucalgary.ca server will have received an email from central IT this week that websites on people.ucalgary.ca will be discontinued as of October 31, 2022. This is a reminder to remove any data or documents you have before the deadline as your live website will be taken off-line after Oct. 31st.

If you need assistance with downloading your information please create a Service Ticket for IT’s Integrated Web Services Team by doing the following:

- Go to Central IT’s main page at https://ucalgary.service-now.com/it
- Click on the orange “Order something” link in the left-hand column
- Click on “Applications and software”
- Click on “Website Requests”
- Fill out form (select "Website creation/deletion")

Visit IT’s FAQ page for more information. You may also email Coral Burns at burnsc@ucalgary.ca for details of web environments available to you if you require a future web presence.

Science Research and Innovation Newsletter (SRIN) comes out every Monday afternoon. If you have a seminar notice, congratulations or awards for the newsletter please submit it by noon on Friday to sci.borg@ucalgary.ca to ensure it is added.