Welcome back!

Thesis Defense Seminars

**MTST** MSc Final Seminar: “Causal inference with non-probability sample and misclassified covariate” by Emir Sevinc (Supervisor: Dr. Hua Shen) on **Wednesday, September 7 at 2:00pm** Please contact the Mathematics and Statistics Department for zoom details (mathadmin@ucalgary.ca)

**BISI** MSc Final Seminar: “Effects of Hurricane Maria on the Bat Community of the Caribbean Island of Dominica” by Lisa Sims (Supervisor: Dr. Robert Barclay) on **Friday, September 9 at 11am**. Hybrid: Location BI 249 or Please contact the Biological Sciences Department for zoom details (biosci@ucalgary.ca)

**BISI** PhD Final Seminar: “Physical and chemical alterations to the intestinal mucus barrier during Giardia spp. Infection” by Elena Fekete (Supervisor: Dr. Andre Buret) on **Thursday, September 15 at 9:00am** in BI211.

**BISI** PhD Final Seminar: “Exploring hERG1: unlocking molecular underpinnings of a drug block by linking molecular simulations with experiments” by Meruyert Kudaibergenova (Supervisor: Dr. Elmer Prennar) on **Monday, September 26 at 1:00pm** in BI211.

Seminars & Events

**BISI** The 37 ½ th Darwin Lecture "Dinner With the Darwins: A Journey Into Evolutionary Thought In Three (Or Four) Courses" by Dr. Rees Kassen (Professor and University Research Chair in Experimental Evolution, University of Ottawa). **Friday, September 9 at 4:00 pm** in ICT 122. The lecture is free and open to all, with no advance registration required. See attached pdf for more information.

**NANS** "Interdimensional Effects in Nanostructures" by Dr. Rainer Dick (Professor, University of Saskatchewan) **Tuesday, September 13 at 1:00pm** via Zoom. Please contact sci.ad.admin@ucalgary.ca for zoom details. See attached pdf for more information.

**MTST** The 42nd Alberta Statisticians Meeting will be held on **Saturday, September 17** at the University of Alberta. All statisticians, postdocs, students are welcome to join the meeting. If you are interested to participate the meeting please drop your name, email address and whether you are going to attend the conference dinner on the google sheet, please contact sci.ad.admin@ucalgary.ca for access to the sheet.

Information for NSERC Discovery Grants & RTI Applicants

**Faculty of Science – NSERC DG and RTI Timelines** The timelines are available [here](#). Please contact our Research Facilitator Rhian Gunn if you have any questions or concerns.

Opportunities

**Innovation Catalyst Grant (ICG)** is an entrepreneurial fellowship designed to support recent graduates (Master’s or PhD) in Science, Technology, Engineering and Mathematics (STEM) disciplines. This grant provides a 2-year runway for applicants to develop and commercialize innovative, science-based products and services that contain a hardware component.
• Award: $250,000 over two (2) years in fellowship and seed funding
• RSO Final Internal Deadline (Full Application): Monday, September 12, 2022, at 12:00 PM MT

For more information please contact postdoc@ucalgary.ca

Reminder: CIHR Project Grant Fall 2022 is designed to capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting projects of research proposed and conducted by individual researchers or groups of researchers in all areas of health. The best ideas may stem from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.

• Research Services’ final internal deadline for the full application is 9:00 am on Monday, September 12, 2022

RSO Contact: Lindsey Hritzuk

Reminder: NSERC Alliance Missions: Anthropogenic Greenhouse Gas Research 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.

Letter of Intent internal deadline: September 12 at noon
Full Application internal deadline: November 3 at noon

Reminder: Banff International Research Station (BIRS) is accepting proposals for 5-day workshops to be held in Banff during 2024. Submissions must be made online by September 14. Proposal guidelines are available here. BIRS provides an environment for creative interaction and the exchange of ideas, knowledge, and methods within the mathematical, statistical and computing sciences, and with related disciplines and industrial sectors. BIRS provides accommodation, full board, and research facilities at no cost to the invited participants, in a setting conducive to research and collaboration. For information on all BIRS programs, please visit: BIRS Program Descriptions.

Reminder: Alberta Innovates: Water Innovation Program is interested in water projects in three streams (details can be found in the program guide):
• Stream 1: Integrated Approaches to Water Management
• Stream 2: Management of Climate Change Impacts
• Stream 3: Water and Wastewater Management in Rural, Indigenous and/or Remote Communities.

Expressions of interest must be submitted via the SmartSimple online intake system by September 15 at 3pm. If you are invited to full proposal, the internal deadline is noon on January 9, 2023.

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.

Guggenheim Memorial Foundation Fellowships are intended for mid-career individuals who have demonstrated exceptional capacity for productive scholarship and exhibit great promise for their future endeavors. Details here. Deadline: September 16, 2022.
**12th Annual Mitacs Awards** recognize outstanding students, fellows, and professors who have demonstrated excellence and leadership during their work supported by the Mitacs Accelerate, Elevate, Business Strategy Internship, Training, or Globalink programs. Details [here](#). **Deadline: September 18, 2022 at 9:00PM MT.**

**Opportunities – Health Sciences**

**Crohn’s and Colitis Grant in Aid of Research** supports research projects directly related to IBD that are aligned with Crohn’s and Colitis Canada’s Promise and strategic directions.

- **Amount:** $125,000 per year for up to 3 years
- **RSO NOI Deadline:** September 12, 2022 at noon
- **RSO Internal Deadline:** November 25, 2022 at noon

For more information please contact Stephanie Patrick.

**Opportunities – Postdocs and Graduate**

**PIMS VXML** The PIMS Virtual Experimental Mathematics Lab (VXML), brings together faculty & postdocs with graduate and undergraduate students from across the PIMS network to work on challenging and exciting research mathematics questions. Please propose a project using the online [form](#) by Thursday, September 15. For more information visit the [PIMS VXML website](#).

Postdoctoral opportunity to work on a **MITACS Accelerate project** involving water quality monitoring and analysis in a northern BC river by collaborating with a First Nation community. Possible relocation to Prince George, BC. One-year term. If interested, contact Jianbing Li, Jianbing.Li@unbc.ca.

**Did You Know**

The position titles for our highly valued instructor stream colleagues have changed to Assistant Professor (Teaching), Associate Professor (Teaching) and Professor (Teaching). Our Web System Specialist (Coral Burns - THANK YOU) has already changed the titles on department home pages. If you see the old titles (Instructor, Senior Instructor, Teaching Professor) anywhere, please send the link to sci.borg@ucalgary.ca so we can reflect this change.

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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.