**Thesis Defense Seminars**

**CPSC** MSc Final Seminar: "Design of Anthropomorphic Interfaces for Autonomous Vehicle-Pedestrian Interaction" by Wei Wei (Supervisor: Dr. Ehud Sharlin) on **Tuesday, August 16 at 1:00pm** in MS680A.

**BISI** PhD Final Seminar: "Adapting RNA interactome capture to explore plant RNA-binding proteins and their RNA targets" by Dilini Atugala (Supervisor: Dr. Douglas Muench) on **Thursday, August 18 at 8:30am**. Please contact supervisor for zoom link.

**GEOS** MSc Final Seminar: "Origin of Green Shales in the Devonian Swan Hills Formation, Alberta, Canada" by Morgan Howrish (Dr. Benoit Beauchamp) on **Thursday, August 18 at 8:30am** Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca)

**BISI** MSc Final Seminar: "Explorations towards the production of novel biogenic nanomaterial using Rhodococcus aetherivorvans BCP1" by Nikhil Pradhan (Supervisor: Dr. Raymond J. Turner) on **Monday, August 22** Please contact the Biological Sciences Department for zoom details (biosci@ucalgary.ca)

**GEOS** PhD Final Seminar: "North American ornithomimids: morphology, taxonomy, morphometrics, and phylogenetics" by Rachel Nottrodt (Supervisor: Dr. Alex Dutchak) on **Tuesday, August 23 at 9:00am** in ES136.

**CHEM** MSc Final Seminar: "Theoretical and Experimental Studies of the Gas-Phase Decomposition Chemistry of Organosilicon Compounds Containing Silicon-Nitrogen Bonds Via Hot-Wire Chemical Vapor Deposition" by James Stevenson (Supervisor: Dr. Yujun Shi) on **Wednesday, August 24 at 10:00am** in SB324.

**Seminars**

**MTST** SAGE/Biostats Seminar: "Optimal regression designs for statistical inference" by Dr. Saumen Mandal (Department of Statistics, University of Manitoba) on **Monday, August 15 at 4:00 pm** in MS 431.

**NANS** The UofC Nano Group- August NANOTalk: "Climate Solutions through Material Innovations" by Dr. Val Chiykowski (Evok Innovations) on **Wednesday, August 17 at 1:00 pm**. Please see attached pdf for more details.

**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.

**RMS Training** – The RMS team offers regular sessions for RMS (Research Management System).

### How to create an LOI/Application:
- Every Tuesday and Wednesday, 10am – 11:30am
- Every Thursday, 2pm – 3:30pm

### Approver Training:
- By request

Email [rms@ucalgary.ca](mailto:rms@ucalgary.ca) to schedule training for yourself or your team. Learn more about [RMS here](#).

**Opportunities**

Major Innovation Fund - Information
If you are interested in participating in a MIF project led out of the University of Alberta, please contact the Challenge Area leads directly:

**Climate Adaptation/Mitigation Technologies** – Ryan Li (yunwei.li@ualberta.ca)

**Critical Minerals Value Chains** – Qi Liu (qi.liu@ualberta.ca)

**Disease Management and Therapeutic Development** – Joanne Lemieux (mlemieux@ualberta.ca) and Matthias Götte (gotte@ualberta.ca)

**Open Data through Digital Technologies** – Eleni Stroulia (stroulia@ualberta.ca)

**Sustainable and Smart Agriculture and Food Systems** - Graham Plastow (plastow@ualberta.ca)

If you have any questions or concerns about the MIF program, please contact Rhian Gunn or Kris Innanen.

Reminder: Natural Sciences and Engineering Research Council (NSERC) PromoScience 2022 offers financial support for up to three years for organizations working with young Canadians to promote STEM understanding. NSERC invites applications that promote STEM to Canada's young people, particularly to those groups that are under-represented. Since only one proposal per department can be submitted, internal Notice of Intent (iNOI) are due to Research Services by noon on Friday, August 19, 2022. A copy of the iNOI can be found [here](#). The final internal deadline is Monday, September 12, 2022.

**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. More information can be found on the [FOS awards site](#) and in the [RSO awards database](#).

**Johnson & Johnson Women in STEM2D Scholars:** The program aims to fuel the development of female STEM2D leaders and feed the STEM2D talent pipeline by awarding and sponsoring women at critical points in their research careers, in each of the STEM2D disciplines: Science, Technology, Engineering, Math, Manufacturing and Design. Details [here](#). As only one nomination can be submitted to each discipline there will be an internal selection - see the attached guide from RSO. Please submit your interest to Danielle by August 15, 2022. Internal (RSO) deadline August 19, 2022 / submission deadline September 30, 2022.

**Membership in the Royal Society of Canada's College of New Scholars and Fellowship in the Royal Society of Canada:** The College is Canada’s first national system of multidisciplinary recognition for the emerging generation of Canadian intellectual leadership. Election to Fellowship in the RSC is the highest academic accolade in Canada that is available to scientists and scholars. The criterion for nomination is excellence. More details [here](#). In advance of the December 1, 2022 deadline, the Faculty would like to invite nominations (including self-nominations) by August 19, 2022 - please submit your interest to Danielle.

**Opportunities – Health Sciences**

**Upcoming Project Grant: Fall 2022 Webinar**

CIHR will be hosting the following [webinar](#) to support participants with the requirements of the funding opportunity “Project Grant – Fall 2022 Competition” and to answer questions on how to apply.

**English Sessions Duration:** 60 minutes **When:** Thursday, August 18, 2022 at 11:00 PM MT |

**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. Registration is now open via ResearchNet. Register by August 17, 2022. RSO Contact: Lindsey Hritzuk

Opportunities – Health Sciences

Reminder: Heart & Stroke - New Investigator Award is a salary award to support new investigators who have demonstrated excellence in their doctoral and post-doctoral training. Salary awards provide an added incentive for researchers to continue or begin their program of cardiovascular or cerebrovascular research within Canada. At the time of submission, the applicant must have a full-time appointment at the Assistant Professor level or above in Canada.

- Research Services’ final internal deadline for the full application is Thursday, September 1, 2022 at noon
RSO Contact: Anna LeMarquand

Opportunities – Social Sciences

Reminder: SSHRC Partnership Development Grants
Research Services is launching the intake for the Fall 2022 Partnership Development Grant (PDG) competition. Partnership Development Grants provide support over one-to-three years to partnerships, led by a project director, to:

- Develop research and related activities in the social sciences and humanities, including knowledge mobilization and the meaningful involvement of students and emerging scholars, by fostering new partnerships for existing and/or potential partners; or
- Design and test new partnership approaches for research and/or related activities that may result in best practices or models that either can be adapted by others or have the potential to be scaled up to a regional, national or international level.

If you intend to apply for the Fall 2022 PDG funding opportunity, submit the attached brief internal Notice of Intent to Research Services at ipd@ucalgary.ca by August 19, 2022.

The university’s final internal deadline for draft applications is 9:00 am on Monday, November 8, 2022.
Contact: Winnie Low at ipd@ucalgary.ca.

Opportunities – Postdocs and Graduate

Reminder: Colton Medal for Research Excellence is a prestigious award for graduate researchers in the field of microsystems or nanotechnologies and includes a monetary prize of $4,500 and recognizes excellence in research leading to new understanding and novel developments in: Microelectronics; Photonics & Optoelectronics; Microelectromechanical systems (MEMS), Nanofabrication and Integration; Internet of Things (IoT) and Edge AI (artificial intelligence); Quantum; and Embedded software. Requires institutional nomination. Details here.
Deadline: August 26, 2022

Congratulations

Congratulations to the 2022/2023 Parex Resources Innovation Fellowship winners:

Darren Derksen (CHEM), Mohammad Keyhani (ENTI), Frank Maurer (CPSC), Simon Park (ENME), Edward (Ted) Roberts (ENCH) and Gregory Welch (CHEM)

These fellowships are supported by a $3.24 million endowment from Alumnus Wayne Foo and Parex Resources Inc. with the goal of enabling researchers to focus on innovation and technology transfer activities. To read more on the fellowships and about the winners please Click here.
Congratulations to Sourabh Kumar (Supervisor: Daniel Oblak) a postdoctoral associate in PHAS on receiving the 2022/2023 Innovation Postdoctoral Fellowship. To read more about this award please click here.

**Did You Know**

Fun Fact courtesy of Marc Wrubleski: The reason that the room numbering in BISI is so crazy is that people used to take their room numbers with them when they moved offices or labs.

**Did You Know - Graduate**

Remember if you are allocated a Fall Graduate Assistantship – Teaching (GAT), your contract starts on September 1st and runs until after the exam period ends. Travel within the “Assignment of Assistantship Duties” (i.e., the AoAD form) period should not be planned unless the instructor is fully informed and has approved the request.

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.