

REALISE *the News* – October 2019

UPCOMING HBI REALISE MODULES

To register for upcoming modules, sign in to the [REALISE Intranet site](#) with your UCIT username and password

Career Conversation with Sarah Hewitt

October 4 | 1:30 – 2:30 pm | HSC G801E

Join [Sarah Hewitt](#) and the Science Writing Journal Club to hear about Sarah's journey from neuroscience PhD grad to adventure scientist, writer, photographer, and professor! Sarah is a neuroscience and physiology professor at Mount Royal University. She is also a self-proclaimed adventure scientist - a role she makes up as she goes along. She wants to go everywhere and learn everything, from visiting labs in the rainforest and the Arctic, to looking for wood frogs in Alberta's boreal forest or chasing spider monkeys in Belize. *Coffee and snacks will be provided. Last day to register!*

An Introduction to MATLAB for Optogenetics and Behavioural Neuroscience

October 7 and 9 | 10 – 11:50 am | HSC O1506

This module will introduce computer coding in MATLAB with a focus on basic principles and practical applications with respect to Optogenetics and Behavioural Neuroscience. Participants will be given an introduction as to how to navigate the MATLAB environment and effectively code in MATLAB. An emphasis will be placed on practical MATLAB experience using real data. Participants are required to bring their own laptop with MATLAB. *Only two spots left!*

A behind the scenes look at the Journal of Neuroscience

October 11 | 2 to 3 pm | HSC O1500

Join editor-in-chief, Dr. Marina Picciotto, renowned neuroscientist and professor at the Yale University, for a firsthand "behind the scenes" look at the inner workings of the Journal of Neuroscience. In this interactive session, you'll gain insights into how papers are vetted, the review process, things to avoid, and tips for writing high impact papers.

Self-awareness - strengths, values, beliefs

October 17 | 1 to 3 pm | HSC O1500

Want to have a thriving career? Want to learn more about how you are as a person on a team? Looking to build stronger relationships? Understanding ourselves and connecting with who we are develops our abilities to create deeper relationships, strengthens our emotional intelligence, builds our self-esteem, and much more. In this workshop, you will understand your strengths, develop an awareness of your unique traits, and learn how you can connect more effectively with others with increased self-awareness.

Ideation: Generating innovative ideas, developing early stage concept, and building a minimum viable product

October 22 | 2:30 – 4:30 pm | HSC O1500

The *Hunter Hub Entrepreneurial Series*, partnered with HBI REALISE and Campus Alberta Neuroscience, offers a high level overview of entrepreneurial concepts to help you become a successful, real world innovator!

In this interactive module, participants will learn about the creative thinking process of generating, developing, and communicating new and innovative ideas. Ideas can be generated to solve intractable challenges, start businesses, build new products or services, or improve processes. Participants will learn how to frame and

reframe problems, understand the creative process of generating new ideas, learn and practice several ideation tools, develop an early stage concept, and learn about the process of building prototypes and developing a minimum viable product (MVP). *Coffee and snacks will be provided!*

Confessions of a Scientist: Tales of Academic Horror

October 28 | 2 to 3 pm | HSC 1405B

Research is not a journey for the faint-hearted. It is often full of failures, dead ends, and moments of despair. It is not easy to accept failure in a community that sets lofty goals and aspires for nothing less than excellence. With Halloween around the corner, our HBI members will tell tales of academic horror they had to overcome on their way to the top. This workshop will consist of stories from successful principal investigators about the obstacles they faced in their academic career, followed by a short discussion. In addition to the opportunity to get to know renowned members of the HBI, attendees will gain a better awareness of the variety of problems faced in academia, and how to deal with them and move on.

Basics of fMRI Preprocessing and Analysis

October 28 - November 6 | various times | HSC O1501

Multiple day sessions, hands-on and theory, designed to acquaint trainees new to fMRI to preprocess (prepare data for further analyses) and perform first-level analyses. Attendees will be able to: appreciate and understand 4D datasets, convert scanner acquired data to nifti format, use FSL (comprehensive library of analysis software tools) to perform basic preprocessing steps (filter, motion and time corrections, spatial smoothing, brain registration), and initial within-subject analysis (multiple regression, experimental design, data fitting, statistical output).

These workshops are designed to allow trainees to attend any or all topics on any or all days. Visit the REALISE Intranet site for details.

The art of connecting with people

October 29 | 2:30 to 4 pm | HSC O1500

Peopling is sometimes hard, however with the right tools it is easier than we think. Building and maintaining lasting relationships in business and life is an art form. It requires simple tools that we already have. While this is a natural ability for some, this interactive workshop will teach you enhanced skills to create a lasting impression and develop strong business relationships. You will have an increased understanding of yourself and others. You will understand how this ability can impact your career.

DID YOU KNOW?

Are you passionate about a topic and would like to share your knowledge? REALISE program participants are welcome to deliver modules through REALISE! Contact realise@ucalgary.ca to find out more.

OTHER UCALGARY WORKSHOPS, EVENTS, AND SEMINARS

Informational Interviews: Talk to Someone Who Knows

October 4 | 1:30 to 3 pm | HSC G500

Join GSE for an interactive workshop on informational interviewing. You'll learn about existing career paths, how to ask for an informational interview, and how it will benefit your job search.

THINK BIG: Your Brain on Cannabis – What Do We Know For Sure?

October 4 | 6 to 8 pm | Central Library

Edibles, CBD, THC—oh my! A year after cannabis legalization in Canada, and with edibles and other legal weed products on the way, what do we know for sure about cannabis and the brain? Join the discussion with Think Big host Jay Ingram and experts from the HBI and Mathison Centre.

[2019 Health Hack Competition - Tech Tent](#)

October 9 | 4:30 to 9 pm | Red and White Club (McMahon Stadium)

The 2019 Health Hack Competition from Innovation 4 Health kicks off with the Tech Tent where academia, industry and healthcare professionals come together to explore and experience emerging technologies that are transforming healthcare. Experience the leading edge of innovation at the Tech Tent with renowned national and international speakers, networking opportunities and interactive demo booths.

[Mitacs - Essentials of Productive Teams](#)

October 10 | 9 am to 5 pm | TFDL Gallery Hall (Main Campus)

Discover the key steps and competencies to build an efficient and effective team. Learn how to manage the barriers that keep teams from performing. Apply best practice of teams into daily communication.

[Career Services appointments: Fall 2019](#)

October 11, 25, November 15, 29 and December 6

A Career Development Specialist will visit Foothills campus every 2nd Friday to meet with PhD and Master's students for 1-on-1 appointments. Topics include: career planning and exploration, resumes/CV/cover letter review, job search/networking, LinkedIn, interview preparation, and more!

[Introduction to Neuroscience Entrepreneurship and Intellectual Property](#)

October 16 | 8:30 am to 12:30 pm | Life Sciences Innovation Hub (Main Campus)

An exciting opportunity to embark on the journey towards making sense of neuroscience entrepreneurship. This session will focus on understanding intellectual property within the context of the broader entrepreneurship journey.

[International Day of Action Against Contract Cheating](#)

October 16 | 11:30 am to 1 pm | HRIC Atrium

The International Day of Action against Contract Cheating is part of a global movement to raise awareness about what contract cheating is and how to prevent it. Join us in the HRIC Atrium on Oct. 16 at 11:30 am for educational games and prizes at our Interactive booth to learn more about contract cheating!

[Transformative Talent Internship Boot Camp](#)

October 21 | 9 am to 12 pm | HSC 1405A

Attend this session and learn how to find a company to host an internship, identify who to talk to in that company, and how to discuss creating an internship opportunity.

[WELab - Women in STEM Entrepreneurship](#)

October 30 | 11 am to 12:15 pm

WELab is a female entrepreneurship education and mentorship program designed to inspire and develop the next generation of women entrepreneurs, leaders and changemakers across diverse disciplines

[Career Services - Elevate Your Future graduate career management program](#)

Various dates | main campus

Strength Stories: How to Explore, Maximize, and Communicate Your Top 5 Strengths

October 2 | 3 to 5 pm

The Academic Track: Job Search and Professional Documents

October 3 | 2 to 5 pm

Interview 101: Strategies and Best Practices for Hiring Situations

October 9 | 3 to 5 pm

Professional networking skills for graduate students

October 16 | 1:30 –4:30 pm

Researching and Refining Your Career Options

October 22 | 3 to 5 pm

Experiential Learning: Strategies to Find and Gain Experience in Your Desired Field

October 30 | 3 to 5 pm

Social Media: Tips and Strategies to Give you the Cutting Edge

November 5 | 3 to 5 pm