RESEARCH BULLETIN

October 5, 2021

For more information on any of the Research Bulletin items, please contact research@msvu.ca

EVENTS AND WEBINARS

NEW SAVE THE DATE: Dr. Pamela Palmater

The MSVU Black and Indigenous Speaker Series, hosted by the MSVU Research Office, will feature Dr. Pamela

Palmater on Thursday, October 21 from noon to 1:15 p.m via Microsoft

Teams. Dr. Palmater is a Mi'kmaw citizen and member of the Eel River Bar First Nation in northern New Brunswick. She has been a practicing lawyer for 22 years and is currently a Professor and the Chair in Indigenous Governance at Ryerson University. More details to follow soon.

Please RSVP to Jessica.Long1@msvu.ca. This event is open to the public.

NEW MAXQDA Introductory Workshop

Introductory MAXQDA training: A 2-part workshop: Nov 8 and 10 - On Monday and Wednesday, Nov 8 and 10 (during the study break), from 9am to 12:30pm each day, Dr. Áine Humble will conduct an introductory workshop on MAXQDA software (version 2020) for qualitative data analysis, via Microsoft Teams to a maximum of 15 participants. This workshop is open to MSVU faculty, graduate students, and staff who are working on qualitative research projects. All participants should have at least an introduction to qualitative analysis/methods (content that is more than just one class of instruction) and be comfortable using/learning new computer technology. Participants will be encouraged to practice on the software before the second meeting. The program can be accessed in two ways: (a) by downloading a demo version onto their own computer a couple of days before the first workshop, or (b) accessing the MAXQDA software in the Seton lab via remote access (instructions are available). A training manual will be provided. If you are interested, please send an email to aine.humble@msvu.ca by Friday, October 29 with the following information: (a) name and email address, (b) identify as MSVU faculty, grad student, or staff, and (c) describe your experience with qualitative research/training (e.g., have you completed a course on qualitative research). There is no cost for this workshop. All individuals who meet the criteria for participation are welcome, but preference is given to those who have not taken the training previously.

NEW Allied for Inclusivity in LTC: A Forum to Build Connections

Canadian researchers are invited to share their equity, diversity, inclusion and ageing work at Allied for Inclusivity in LTC: A Forum to Build Connections. The half-day, virtual forum brings together delegates from across Ontario representing LTC leadership, interprofessional teams, and researchers working in the area of EDI, ageing and LTC. Forum will be held February 9, 2022 you can sign up to get notified when registration opens. Here are the details about how to submit a presentation.

NEW ACENET: Upcoming Training, Events and News

R for Ecologists

6 October, 12:00-15:00hrs Atlantic

Join ACENET and Ocean Tracking Network (OTN) in our Introductory R for Ecologists workshop series. Over three weeks, we will explore data analysis and visualization with R, based on the Data Carpentry Lessons. We will start with basic R syntax and the R Studio notebook interface. Then, we'll teach you how to import CSV files, the structure of data frames, how to deal with factors, how to add/remove rows and columns, how to calculate summary statistics from a data frame, and a brief introduction to plotting. The last lesson demonstrates how to work with databases directly from R.

DETAILS & REGISTER

Introductory Programming: Unix Shell, Version Control and Python 7, 14, 21, 28 October, 12:00-15:30hrs Atlantic

This is a beginner level series that is hands-on and uses software-carpentry.org materials to cover the fundamentals of Python including data types, conditional statements, loops and functions, as well as program design, version control, data management, and task automation. Participants will be encouraged to help one another and to apply what they have learned to their own research problems. The goal is to teach the practical knowledge needed to start programming, debugging and using Python in everyday tasks. *Space is limited, so register early!*

DETAILS & REGISTER

Computational Fluid Dynamics (CFD): An Overview of Popular Software Packages

27 October, 10:00-11:30hrs Atlantic

This is the first in a four-part series on Computational Fluid Dynamics (CFD). CFD, is the science of using numerical methods and computers to solve a set of partial differential equations to quantitatively predict fluid flow or heat transfer in an application. It is used in a variety of fields, from aero/hydrodynamics to energy, combustion, environmental flows, biomedical engineering and many more. Using CFD simulations significantly reduces the number of design prototypes required, saving considerable time and money in the design process - accounting for its rising importance in R&D. There are numerous CFD software packages, both commercial and open-source (free), the suitability of each based on the user's knowledge, budget, and intended application. This presentation will provide an overview of some of the most popular CFD packages, their capabilities, and pros and cons, to help you choose the one that will work best for you.

DETAILS & REGISTER

Formation nationale de la fédération Calcul Canada : Visualisation avancée avec ParaView (en français)

2, 3 novembre, 14h00-17h00 AH

ParaView est un outil d'analyse et de visualisation de données multiplateforme et ouvert conçu pour fonctionner tant sur un ordinateur portable que sur un superordinateur. Cet atelier de niveau avancé traitera d'animation, de scriptage et de visualisation à distance. Un exercice pratique montrera comment animer un jeu de données d'une turbine (image clé, mouvement de la caméra, trajectoire). DÉTAILS ET S'INSCRIRE

Introductory Programming for Humanities and Social Sciences

15, 16, 22, 23 November, 09:00-13:00hrs Atlantic

This is an introductory series for researchers and students interested in programming basics for humanities and social sciences applications. No prior experience with programming is required. Applications include digital data organization and preparation in the humanities, and internet data collection from platforms such as Twitter. Series includes: Introduction to Unix Shell; Regular Expressions; Python for Humanities; and API querying with Python. The workshop is partially based on Software-Carpentry materials. Participants are strongly encouraged to attend all four as later sessions build on previous material. REGISTER

Introductory Programming with MATLAB

25 November and 2 December, 12:00-15:30hrs Atlantic

This is a beginner level series that is hands-on, covering the fundamentals of MATLAB, including data types, conditional statements, loops and functions, as well as program design, version control, data management, and task automation. Participants will be encouraged to help one another and to apply what they have learned to their own research problems. The goal is to teach the practical knowledge needed to start programming, debugging and using MATLAB in everyday tasks. REGISTER

Compute Canada Federation National Training: Securing Your Research on Compute Clusters and Clouds

29 November, 1, 3 December, 13:30-15:00hrs Atlantic

This Learn how to protect your research using cybersecurity techniques. During the three days of this workshop, we will cover various aspects of cybersecurity to help you protect your research! Cybersecurity concepts, cyberattack models, as well as best practices to protect your research will be reviewed. We will talk about cryptography and you will get to apply the concepts to a real life scenario using SSH keys. Finally, we will discuss cybersecurity in the context of human research data and the Research Ethics Board. The workshop will be a mix of theory and practical exercises. Sessions will be delivered in English, but we will have the ability to respond to questions in French.

DETAILS & REGISTER

NEW Women & HIV Workshop Series

In honour of 10 years of research and advocacy, <u>CHIWOS</u> is hosting the National Women and HIV Virtual Workshop Series to engage and expand our knowledge sharing network, invite discussion, identify gaps, and develop goal statements and collective actions that will improve the health, healthcare, and wellbeing of women living with HIV in Canada. This workshop series will highlight the diversity of voices, histories, and leadership of women living with HIV across Canada. The workshop series will be simultaneously available in English and French.

There are four workshops in this series that will take place on Zoom over five weeks in November and December 2021 at 11am -1:30pm PST / 2pm-4:30pm EST. Please save these dates!

- Thursday, November 4th
- Thursday, November 18th
- Thursday, November 25th
- Thursday, December 2nd in honour of World AIDS Day

For more details, including the workshop series agenda, please visit: https://tinyurl.com/y7c35f3h or contact Mina Kazemi, CHIWOS Coordinator in Ontario, at mina.kazemi@wchospital.ca.

NEW NFRF 2021 EDI Webinar – Webinar Recordings and Slides

Please find attached the PowerPoint slides that were presented during the Equity, Diversity and Inclusion (EDI) webinar. You may also view the recordings at the following links:

English Recording: https://youtu.be/VsERx7SIW5g September 17

French Recording: https://youtu.be/9KQdRh0Hfxs September 17

[REMINDER] SSHRC Upcoming Webinars

SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions.

The webinars will be held via WebEx at the following dates and times:

Partner ship Engage Grants (Englis h)	Wednesday, October 6, 2021 1:00 p.m. to 3:00 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/onstage/g.php ?MTID=e904f84b3fcd21bd166425436a03e0b70 Event number (access code): 179 964 3802 Password: SSHRC2021
Partner ship Engage Grants (Frenc h)	ctober 7,	https://sshrcvideo.webex.com/sshrcvideo-fr/onstage/g.php?MTID=ef230c6f47eb8f3eebbb9809fe8 8455b8 Event number (access code): 179 107 4210 Password: SSHRC2021
Partner ship Grants - Stage 1 (Frenc h)	Thursday, 0 ctober 21, 2021 11:00 a.m. to 12:30 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/j.php?MTID= m8df80cc6cc82a70db0fa11737c648514

Partner ship Grants - Stage 1 (Englis h)	Thursday, 0 ctober 21, 2021 1:00 p.m. to 2:30 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/j.php?MTID= m760b6d63c2f7b6ffc8e3d7ada3c6954c
Conne ction Grants (Englis h)	Tuesday, November 16, 2021 11:00 a.m. to 1:00 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/onstage/g.php ?MTID=e74e73e05ff08fde5621278f105bc139a Password : SSHRC2021
Conne ction Grants (Frenc h)	Thursday, November 18, 2021 11:00 a.m. to 1:00 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/onstage/g.php?MTID=e439d79a8dcb2d038fdad2a13bb3fa981 Password: SSHRC2021
Insight Develo pment Grants (Frenc h)	Thursday, December 16, 2021 10:00 a.m. to 11:30 a.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/j.php?MTID= m32ac5ca540f58cadd1f81f5561c522b9
Insight Develo pment Grants (Englis h)	Thursday, December 16, 2021 1:30 p.m. to 3:00 p.m. (eastern)	https://sshrcvideo.webex.com/sshrcvideo/j.php?MTID= m41cf2b5baeaac5f1113925453d054dd1

If you have technical questions, please contact: Helpdesk

Tel.: 613-995-4273

Email: webgrant@sshrc-crsh.gc.ca

FUNDING OPPORTUNITIES

NEW Open Research Area: 7th Call for Proposals

CARA pleased to announce the launch of the 7th call for proposals of the Open Research Area (ORA 7) funding opportunity. ORA 7 is based on an agreement among the Agence nationale de la recherche (ANR; France), the Deutsche Forschungsgemeinschaft (Germany), the Economic and Social Research Council (UK), and the Social Sciences and Humanities ResearchCouncil (SSHRC; Canada). The scheme will provide funding for integrated projects by researchers coming from at least three of the four subscribing countries. There is also a special opportunity for cooperation with researchers in Japan.

The ORA was created to strengthen international co-operation in social sciences by funding high-quality scientific research projects. SSHRC will support the participation of researchers affiliated with eligible Canadian postsecondary institutions, from all disciplines of the social sciences and humanities. However, the disciplinary coverage varies according to the involvement of the national agencies. Applicants can request up to \$135,000 per year for a maximum of \$400,000 over two to three years.

ANR is the coordinating agency for this ORA 7 call for proposals. All relevant documents for this funding opportunity are available in English on ANR's website and in French upon request. All proposals for this call will be submitted through the ANR's electronic submission system, SIM. In addition to the call-specific documents available on ANR's website, researchers affiliated with eligible Canadian institutions are also invited to consult SSHRC's website for guidance and additional information regarding SSHRC specific eligibility criteria and terms and conditions for participation.

Deadline for the submission of proposals is **November 17, 2021, 4:00 p.m. Central European Time (10:00 a.m. eastern)**. For questions, please contact: partnerships@sshrc-crsh.gc.ca

[REMINDER] External Grant Reminders

Below are some of our most popular and notable grant deadlines in the Fall. Please note that the most up-to-date information on CIHR opportunities can be found on Research Net.

October:

Oct. 19: NFRF Exploration (NOI mandatory Aug. 10th)

Oct. 25: NSERC Research Tools and Instruments

November:

Nov. 1: <u>NSERC Discovery</u>; <u>SSHRC Connection</u> Nov 15: SSHRC Partnership Development

Knowledge Synthesis Grants Call – "The Emerging Asocial Society"

The Social Sciences and Humanities Research Council of Canada (SSHRC) has launched a Knowledge Synthesis Grants funding opportunity to assess the state of research knowledge on the topic of "The Emerging Asocial Society", under SSHRC's Imagining Canada's Future initiative.

This call for proposals focuses on the state of knowledge from research on issues related to the growing sense of disconnection, isolation and loneliness in Canadian society. The resulting syntheses will identify roles that the academic, public, private and not-for-profit sectors may play in promoting more connected and resilient communities, and may inform the development of effective tools, robust policies and sustainable practices required to support the transition to a more equitable, healthy and prosperous future.

The deadline for applications is **December 17, 2021.** For more information on the call for proposals, please contact: <u>ksg-ssc@sshrc-crsh.gc.ca</u>.

Mitacs: GRA Thematic Call

We are pleased to share the website link of the upcoming <u>GRA thematic call</u>. The call officially launched on September 1 and will close on December 1.

SSHRC launches new Race, Gender and Diversity Initiative

SSHRC has officially launched the new Race, Gender and Diversity Initiative. Valued at up to \$450,000 over three years, the deadline is November 15, 2021. The goal of the Race, Gender and Diversity Initiative is to support community-based and community-led research partnerships with postsecondary institutions that are grounded in the lived experience of underrepresented or disadvantaged groups and that analyze the causes and persistence of systemic racism and discrimination. Leadership by people from underrepresented or disadvantaged groups in research projects about race, gender and diversity is important to help ensure the research is grounded in the complexities of the lived experiences and histories of diverse groups and individuals, and to inform more rigorous and relevant policy and program design. The ultimate purpose of this initiative is to support

partnership research and related activities to meet the needs of organizations working toward removing barriers and disparities for women; First Nations, Inuit and Métis Peoples; Black, Asian and other racialized peoples; people living with disabilities (both visible and invisible); LGBTQ2+ people; religious minorities; and others marginalized on the basis of their ethnicity and other identity factors. This initiative encourages an intersectional approach. Intersectionality—a term first coined by African-American scholar Kimberlé Williams Crenshaw—is an approach to research that helps us understand how identities (e.g., race gender, class and sexuality) and power structures intersect to create various modes of discrimination and privilege, advantage and disadvantage. Research under this initiative can include learning from grant-supported or prior pilot projects to achieve greater justice and equity.

More information can be found <u>here</u>. Please contact Veronica Bacher at <u>veronica.bacher@msvu.ca</u> if you are thinking about an application.

Government of Canada – Doctoral Scholarship Opportunity in Canada

The Vanier Canada Graduate Scholarships program is designed to support world-class students pursuing doctoral degrees at Canadian universities. The scholarship awards \$50,000 per year for three years. The program is open to both Canadian and international students. Students must be nominated by the Canadian university at which they plan to study.

The 2021-2022 competition was launched on *June 23, 2021*, and please note the following important dates:

- **For Students:** Consult nominating institution for submission deadline.
- For nominating institutions: Deadline: November 2, 2021 (20:00 EST).

Please click <u>here</u> to access the launch memo, and kindly consult our website at http://www.vanier.gc.ca/ for further details on our program, including how to apply.

ANNOUNCEMENTS

[NEW] Research Ethics Matters – September 2021 Newsletter Read the newsletter here.

[NEW] COVID-19 Update for Researchers and Research Participants – Updated September 29, 2021

MSVU Researchers are reminded that they and their research team must abide by all Public Health directives as well as MSVU requirements (Resumption

of Human Research (msvu.ca)) regarding in-person contact with research participants. This includes the wearing of masks. Inperson research requires additional clearance and may not proceed until the second level clearance is obtained.

Researchers should note that all visitors to the MSVU campus (including research participants) must complete the visitor declaration form found here —> Visitor Declaration (office.com). This will confirm that visitors are following the MSVU Testing/Vaccine requirements. For children under 12 arriving on campus to participate in research studies at MSVU, their parents/guardians must be vaccinated against COVID-19 or have received a negative rapid COVID-19 test result within the 72 hours prior to coming on campus. The vaccination status of the least vaccinated parent/guardian in their household will apply — in other words, if a household includes two parents/guardians and one is fully vaccinated, while the other is not, then testing will be required.

Participants and/or parents/guardians of participants should be alerted that they may be required to show proof of vaccination or negative test result to a research team member when they arrive on campus. If they are unable to provide this documentation, they will not able to participate in the study that day.

The Nova Scotia Brotherhood (NSB) with collaboration from the Men's Health League, the Mental Health Foundation of Nova Scotia and Nova Scotia Health, would like to invite you to the fall Barbershop Talks. This is a Safe Space for Black Men to talk about Race and Mental Health, all while getting a FREE professional cut, fade, or shave. PLEASE PASS ON to fellow Black men in your network of family, work, neighborhood, church and sports teams. More details attached. To book an appointment, please contact **Duane Winter at** <u>Duane.winter@nshealth.ca</u>. **More info attached.**

NEW CIHR Access Newsletter – September 29, 2021 Read the newsletter here.

Research with Human Participants during COVID-19

A reminder that face-to-face research at MSVU remains at level 3 (expanded). Click here for details and how the phases of the Province of Nova Scotia align with our levels of resumption of face-to-face research. If you have any questions about research with human participants during COVID-19, please contact ethics@msvu.ca. More info can be found here.

NS LGBT Seniors Archive Community Advisor Committee

The Nova Scotia LGBT Seniors Archive is currently looking to expand our Community Advisory Committee. We are looking for individuals who reside in, are from, or have connections to Nova Scotia, and who identify as part of the 2SLGBTQIA+ community. No experience with archives necessary, and members of all ages, genders, and cultural backgrounds are welcome. Participation from seniors (age 55+); Black/African Nova Scotian, Indigenous, and other people of colour; as well as transgender, non-binary, gender non-conforming, and other gender diverse individuals is greatly appreciated and strongly encouraged. Please see the attached document for more information.

Additionally, the NS LGBT is seeking a Project Coordinator for our Lesbian Oral History Project. This is a paid part-time position for a maximum total of 100 hours. The Project Coordinator is responsible for training volunteers, scheduling the oral history interviews, and assisting with writing the final project report. While the ideal candidate is a senior lesbian from Nova Scotia, we are open to all candidates with experience coordinating community-based projects. Please see the attached job posting for more information.

Interested Community Advisory Committee participants can email Rachel Moore at rc348749@dal.ca. Applicants for the Project Coordinator position are encouraged to send a resume and cover letter to Jacqueline Gahagan at Jacqueline.Gahagan@MSVU.ca.

MSVU RESEARCH ACHIEVEMENTS

NEW MSVU graduate students recognized for their exceptional potential in health research

Congrats to the five graduate students undertaking health research projects at MSVU who recently received Scotia Scholars Awards from Research Nova Scotia. Learn more here.

NEW Dr. Janice Keefe named a fellow of the Canadian Academy of Health Sciences!

Dr. Janice Keefe is one of just three health science leaders in the Atlantic region among the 74 newly named <u>2021 Fellows of the Canadian Academy of Health Sciences</u> (CAHS). Congrats Dr. Keefe!

NEW MSVU public relations professor recognized for outstanding achievement in the field

Mount Saint Vincent University Professor and Chair of Communication Studies Dr. Amy Thurlow has been nationally recognized for her work to advance a global standard for public relations professionals in Canada. More here.

NEW MSVU Research Minutes are BACK!

We're kicking off the 2021/22 series with Dr. Jacqueline Gahagan, Associate Vice President Research. Dr. Gahagan, a medical sociologist by training, has engaged in research in the areas of public health and the social sciences locally, nationally and internationally and has also worked with colleagues at MSVU on past social justice and equity-related research initiatives. Watch Dr. Gahagan's video here.

Additionally, check out our newest video highlighting the research of Dr. Phillip Joy, Assistant Professor in the Department of Applied Human Nutrition. Dr. Joy explores the nutrition, health, and well-being of 2SLGBTQ+ people. Dr. Joy's research often uses arts-based methodologies, such as photography and comics, that can disrupt the foundations of nutrition and health research. Watch Joy's video here

NEW New Study to explore experiences of Black students and trainees in STEM fields

Dr. Tamara Franz-Odendaal and Canadian Black Scientists Network launch Canadawide survey. Learn more <u>here</u>.

[NEW] World Alzheimer's Day: Meet an MSVU researcher working to transform Alzheimer's Disease Diagnosis

Meet Dr. Ian Pottie, a researcher, and Chemistry and Physics Professor at MSVU working to transform Alzheimer's Disease diagnosis. Learn more here.

NEW New article by Dr. Phillip Joy

Check out Dr. Phillip Joy and his colleague's new article in The Canadian Journal of Human Sexuality about sexual orientation beliefs of university students <u>here</u>.

NEW Postdoctoral Fellow Spotlight: Dr. Sylvia Chanda Kalindi

Dr. Kalindi is exploring the nature and levels of emergent literacy support provided by the African Nova Scotian community and families to early learners. More <u>here</u>.

IT&S CYBERSECURITY TIPS

NEW The cyberTunes Apple Gift Card Contest is Back

Take the Beauceron cybersecurity training to be entered into 8 draws for \$25 iTunes gift cards. Already taken the Beauceron training? No worries, take the 2021 refresher to be eligible for the draw. If you already started the training, pick up where you left off and complete your training to qualify. Just go to msvu.ca/cyber for all the deets and to join the contest. Good luck!

The Research Office is funded, in part, by the Research Support Fund