

# RESURGENCY

## DEPARTMENT OF SURGERY RESEARCH NEWSLETTER

Volume 37 January 12, 2024

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### RESEARCH COMMITTEE

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### Resident Representatives

*Orthopedics*  
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*Neurosurgery*  
Dr. Kristen Marciniuk  
*General Surgery*  
Dr. Zarrukh Baig

### SHRF 2023-2024 ESTABLISHMENT GRANT

#### Purpose

Assist early-career researchers in Saskatchewan to:

- Establish an autonomous program of health research addressing Saskatchewan health challenges
- Achieve the research productivity necessary for obtaining major funding from national and other external agencies.

#### Focus Area

This is an open call. Applications may address any area of human health.

#### Amount and Term

\$150,000 for up to three years.

**Eligibility Check Cut-off:** January 18, 2024 - 4:30 p.m. CST

**Eligibility Revisions Deadline:** January 26, 2024 - 4:30 p.m. CST

**Full Application Deadline\*:** March 14, 2024 - 4:30 p.m. CST

**CV Update Deadline\*\*:** April 26, 2024 - 4:30 p.m. CST

**Funding Decisions:** June 14, 2024

For questions about the Establishment Grant, reach out to the program manager, Pawan Kumar: [pkumar@shrf.ca](mailto:pkumar@shrf.ca).

### SHRF 2023-24 MOBILIZE GRANT

The Mobilize Grant supports knowledge mobilization activities used to bring awareness to research activities and findings in a way that can be used in practice, for any area of health research. This includes but is not limited to knowledge synthesis, dissemination, transfer, exchange, and co-creation or co-production. Knowledge mobilization should encourage exchanges between researchers and knowledge-users.

The Mobilize Grant does not support academic knowledge sharing activities. For SHRF sponsorship of academic knowledge sharing, health research-related events (e.g. conferences, academic research days, etc.), please submit a request.

Amount: up to \$10,000

Term: 1 year

Purpose: To fund the knowledge mobilization of health research within practical and non-academic settings and mediums, with the aim to improve health-related knowledge and outcomes in Saskatchewan.

Application Deadline: **14 February 2024 at 4:30pm CST**

Funding Start: 01 March 2024

Questions about event sponsorships should be directed to [info@shrf.ca](mailto:info@shrf.ca).

## FACULTY FUNDING OPPORTUNITIES

### DEPARTMENT OF SURGERY PUBLICATION FUND AWARD

This funding is to help our faculty recover the costs of publication charges. Only surgery faculty are eligible to apply for this award. The maximum award is \$1000 per faculty member per calendar year. **You can apply at any time.** Check out the How to Apply video [here](#).

In order to be eligible to apply for any of our Department of Surgery Faculty Awards, you will be required to have a “public” Google Scholar profile and an updated Department of Surgery webpage (with a Google Scholar button linked to your Google Scholar profile). Please contact Karen Mosier at [karen.mosier@usask.ca](mailto:karen.mosier@usask.ca) if you need any help setting up an account.

## RESIDENT FUNDING OPPORTUNITIES

### DEPARTMENT OF SURGERY RESIDENT TRAVEL AWARD

The Department of Surgery has funding for residents for travel to present their research. Travel funding will not be given to present another person’s work at a conference/meeting. The Research Committee reviews travel requests on a case-by-case basis. The maximum amount awarded for a resident travel award is **\$2000**. Residents are allowed to apply for only one travel award per fiscal year (July – June). You can apply for this award at any time. You must apply for travel funding prior to attending your conference in order to be eligible to apply. Please apply at least 2-3 months in advance of your conference date to give time to review your travel request. Check out the How to Apply video [here](#).

### DEPARTMENT OF SURGERY RESIDENT RESEARCH INCENTIVE PROGRAM (RRIP)

The Resident Research Incentives Program (RRIP) allows residents to receive monetary incentives based on how much of a research project is completed as follows: submit an ethics application \$400; collect data for a project \$200; and submit an article for publication \$400. The total award is for \$1000. Three projects per year (maximum) per resident are eligible to qualify for a research incentive. *This is a bursary award.* **You can apply for this program at any time.** Check out the How to Apply video [here](#).

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If you need an application form, please contact Karen Mosier. If you have any questions about these funding opportunities, please contact Karen Mosier or Dr. Daryl Fourney. You can send your completed applications to Karen Mosier at [karen.mosier@usask.ca](mailto:karen.mosier@usask.ca).

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## USASK GRANTS INFORMATION

Do you have questions about the USask internal grants programs? Do you want access to the Tri-Agency Integrated calendar? Would you like to know about upcoming grant info sessions? Would you like to check out successful Tri-Agency research grants in the USask Grants Repository?

For answers to these questions and other grants-related information please click on this [link](#).

## ONLINE EQUITY, DIVERSITY AND INCLUSION COURSE

The Department of Faculty Development invites you to expand your knowledge and gain practical skills in a new online Equity, Diversity and Inclusion course. Explore topics like unconscious bias, inclusive language, and anti-racist medical education. The course is free for all CoM faculty, staff, residents and students. For more information please click [here](#).

## REALIST RESEARCH IN HEALTH AND SOCIAL SYSTEMS: BRIDGING THEORY AND PRACTICE EVENT

SCPOR is working in partnership with Dr. Gary Groot, Dr. Tracey Carr and their research team from the Department of Community Health and Epidemiology at the University of Saskatchewan to host **Realist Research in Health and Social Systems: Bridging Theory and Practice**. The event will focus on multiple approaches to conducting realist research and evaluation, and feature experts from around the globe.

Attendees will have the opportunity to attend two free presentations by Dr. Gill Westhorp, an internationally renowned expert in realist methodology. For those looking to dive deeper into realist research, we are offering three full days of additional presentations and workshops by local, national and international experts on the topic – all **free of charge**, with complimentary catering provided! Please note, registration is required.

**Presentations (in person or virtual via Zoom)** by Dr. Gill Westhorp

Monday, January 15, 1:00 – 3:30pm CST: Introduction to Realist Research: Bridging Theory and Practice

Friday, January 19, 10:00-11:30am CST: One Small Step for Evaluation, One Big Leap for Decision-Makers: Introducing Realist Economic Evaluation Methods (REEM)

**Workshops (in person)** covering realist research projects on COVID-19 vaccination, integrated care pathways, maternal health, long-term care and more.

o Tuesday, January 16, 8:30 am to 4:00 pm

o Wednesday, January 17, 8:30 am to 4:00 pm

o Thursday, January 18, 8:30 am to 4:00 pm

To register and access more information on this exciting event, please visit <https://www.scpor.ca/realist-research-event>.

If you have questions, please reach out to Monidipa Saha at [rcz925@usask.ca](mailto:rcz925@usask.ca).

## CRSU R PROGRAMMING WORKSHOP

The Clinical Research Support Unit (CRSU) is having a STATA Programming Workshop in January 2024. This workshop will cover basic data management and analysis skills using the STATA software. This event is open to all faculty, staff, residents, and students in the College of Medicine.

**For:** Available to all faculty, staff, residents, and students in the College of Medicine

**Date:** January 16, 18 & 23, 2024

**Time:** 1:00 to 4:00 p.m

**Place:** In-Person, GA70 (Computer Lab) Health Sciences Building

**Registration fee:** \$20.00 (Maximum 20 participants)

**Registration deadline: January 12, 2024**

Contact Clinical Research Support Unit at [clinical.research@usask.ca](mailto:clinical.research@usask.ca) to register.

## SOME RECENT ACCOMPLISHMENTS

### PUBLICATIONS

Hayes, C. A., Morgan, N. I., Thomas, K. C., **Pushie, M. J.**, Vijayasankar, A., Ashmore, B. G., ... & Ashpole, N. M. (2023). Neuronal and astrocyte insulin-like growth factor-1 signaling differentially modulates ischemic stroke damage. bioRxiv.

**Liu, E., Persad, A. R.**, Baron, N., & **Fourney, D. R.** (2023). Long-Term (> 24 Months) Duration of Symptoms Negatively Impacts Patient-Reported Outcomes Following Anterior Cervical Discectomy and Fusion for Cervical Radiculopathy. Spine, 10-1097.

Noor, H., Verdiales, C., & **Moser, M.** (2023, November). Protective Effect of Subcutaneous Drains on Wound Infections in Kidney Transplantation. In Transplantation Proceedings (Vol. 55, No. 9, pp. 2110-2113). Elsevier.

**Persad, A. R., Liu, E., Wu, A., & Fourney, D. R.** (2023). Bilateral occipital condyle fracture with an avulsion fracture of the foramen magnum: nonoperative care guided by a traction test. Illustrative case. Journal of Neurosurgery: Case Lessons, 6(25).

### UPCOMING RESEARCH ROUNDS

**February 16, 2024 12-1 pm** HLTH 1A60 (& Zoom)

Topic: "How to Write a Paper"

Dr. Daniel MacPhee, Professor, Veterinary Biomedical Sciences, WCVM & Karen Mosier, Research Coordinator/Navigator, Department of Surgery

Zoom Meeting Link:

<https://usask-ca.zoom.us/j/99882849577?pwd=NUMvTVduNDRMSWxxbTFvWkhDUXRndzo9>

**March 15, 2024 12-1 pm** HLTH 1A60 (& Zoom)

Topic: "Cutting-Edge Care: Ethical Implications and Opportunities of Artificial Intelligence in Healthcare"

Ann Liang, Assistant Librarian, Edwards School of Business, University Library

Zoom Meeting Link:

<https://usask-ca.zoom.us/j/95024686282?pwd=aVIwNllHUHhHem1nQ2Y3cUhrY1BHdz09>

**May 24, 2024 12-1 pm** HLTH GB06 (& Zoom)

Topic: "Research Design & Sample Size Calculations"

Dr. Prosanta Mondal, Research Scientist/Biostatistician, Clinical Research Support Unit, Community Health & Epidemiology

Zoom Meeting Link:

<https://usask-ca.zoom.us/j/97355840991?pwd=bW9iZW8zWGRnTWRXRmRlREJSMzRYUT09>

### FEEDBACK

We would love to hear your feedback about our newsletter. Please submit your comments to Karen Mosier at [karen.mosier@usask.ca](mailto:karen.mosier@usask.ca).