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2nd Annual Principles of Research Course - Office of Surgical Fellowship

The Office of Surgical Fellowship (OSF), in collaboration with Dr. Claire Temple-Oberle (Director of the Office of Surgical Research), hosted the 2nd Annual Principles of Research Course on September 21 and 22. The course was offered to fellows and residents in the Department of Surgery to assist in the development of their research expertise. An excellent array of speakers gave participants the opportunity to learn about important research methodologies, while also being made aware of the services and support that are can be accessed by researchers.

Day 1:

Rob Harrop: Establishing an Environment for Success

Mary Brindle: Looking for an Academic Mentor

Marlis Sabo: Have Question, Will Research?

Trafford Crump: Patient-Reported Outcomes in Clinical Research

Ashley Krecsy: CHREB Submissions – 'Healthful' Tips!

Jennifer Vena: Sampling, Recruiting and Retaining Study Participants

Yazid Al Hamerneh: What can ABSPORU do for me?

Achilles Thoma: Conducting Randomized Control Trials

Day 2:

Irene Ma: Systematic Reviews and Meta-Analyses

Alicia Polachek: Qualitative Research: What Is It and When Should I Use It?

Kent Hecker: Surgical Education Scholarship – A Primer

Karen Kopciuk: Data Analysis – Hypothesis Testing, Sample Size and Study Power

Paul Beaudry: How to Write a Health Science Paper

Marlis Sabo: Getting the Message Out – Posters and Slides

*A special thank-you to Tracy Burke and Bernice Mina-Buna
 for their hard work in putting this event together.*

Meet Dr. Paul McBeth, Clinical Assistant Professor



Dr. Paul B. McBeth, BSc, MASC, MD, FRCSC, FACS, P.Eng.

Dr. Paul McBeth is a Clinical Assistant Professor in the Department of Surgery and an Adjunct Professor in the Department of Mechanical and Manufacturing Engineering. He also serves as the General Surgery Post-Graduate Research Director and the Trauma Surgery Fellowship Program Director at the University of Calgary.

Dr. McBeth is involved in a number of exciting collaborative research projects. He is currently working with Dr. Prism Schneider (featured in the September 2018 Edition of the OSR Newsletter) on the use of thromboelastography in trauma care. They are looking at the spectrum of coagulopathy from massive hemorrhage to pro-thrombotic states in trauma patients. In addition, he is working with Dr. Andrew Kirkpatrick on remote ultrasound and trauma care through a grant funded by the University of Calgary and the Canadian Military.

In partnership with the Schulich School of Engineering, Dr. McBeth serves as a faculty preceptor for the Capstone Engineering Design Course. This past year they developed a pre-hospital non-invasive vital sign monitor for real-time telemetry data of vital signs and physiologic derangement in trauma patients. Physiologic data and GPS information is relayed to the receiving hospital to help facilitate expedited care. For this design, his team was recognized with the prize for the best overall design.

Congratulations to Our Award Winners!

- Dr. Mary Brindle (CIHR Project Grant) – The Surgical Safety Checklist Revisited: Redevelopment of a Point-of-Care Tool to Improve Surgical Safety
- Dr. May Lynn Quan (CSM Clinical Research Fund Seed Grant) – Development and Validation of Case-Finding Algorithms for Recurrence of Breast Cancer Using Routinely Collected Administrative Data

If you have recently received a grant or award and would like to be featured in the next newsletter, please contact Maria Fernando at Maria.Fernando2@ahs.ca.

Welcome to Kimberly Rondeau - Biostatistician, OSR

Kim has recently joined the OSR group to provide statistical support for research in the Department of Surgery. She comes from a research background as a biostatistics consultant with nine years of experience providing statistical support to researchers at the University of Alberta, University of British Columbia, Mount Royal University as well as research groups in federal and municipal government departments. She has provided educational opportunities for students and staff on software and statistical techniques as well as supporting individual projects with their study designs, analysis and successfully publishing research findings.



Kim will be providing support to researchers in this department including guidance on research questions or randomization techniques, power/sample size calculations, advising on analyses and interpretation of results. Do not hesitate to contact her with any questions you might have and request support using this survey monkey link: <https://www.surveymonkey.com/r/KWZ6W3F>

Email: Kimberly.Rondeau@albertahealthservices.ca

Welcome to Our New Department of Surgery Members

- Dr. Bimal Bhindi (Urology)
- Dr. Kamaljit Kaler (Urology)
- Dr. Prabhdeep Chahal (Dental)
- Dr. Aaron Knot (Plastics)
- Dr. Ugo Dodd (Pediatric Ophthalmology)
- Dr. Andrea Lo (Pediatric General Surgery)
- Dr. Michael Duetschmann (Otolaryngology)
- Dr. Grant Moffat (General Surgery)
- Dr. Kate Elzinga (Plastics)
- Dr. Richard Ng (Orthopaedics)
- Dr. Todd Fairbanks (Oral Max)
- Dr. John Toole (Podiatry)
- Dr. Donald Graham (Plastics)
- Dr. Rob Hart (Otolaryngology)
- Dr. Don He (Dental)

Important Dates

OSR Pillars of Research Fund

Submission deadline is October 31, 2018 at 11:59 p.m.

For more information, please click on the following link: <https://wcm.ucalgary.ca/osr/files/osr/pillars-of-research-fund-may30.docx.pdf> .

Surgeon Scientist Program

Letter of Intent Submission deadline is November 30, 2018 at 11:59 p.m.

For more information, please click on the following link: <https://www.ucalgary.ca/osr/grants-awards>.

Surgeons' Day 2019

June 14, 2019

Publications

If you have recently published a paper and would like to be featured in the next newsletter, please contact Maria Fernando at Maria.Fernando2@ahs.ca.

Office of Surgical Research

OSR

Department of Surgery