

# ***Queen's University 47<sup>th</sup> Annual Anesthesiology Research Day***

*Scientific Program Director and Residency Research Coordinator:*

**Ian Gilron, MD, MSc, FRCPC**

*Research Day Co-moderators:*

**Sarah Maxwell, MD, FRCPC**

**Yannis Amador Godoy, MD**

*Queen's University Judges:*

**Louie Wang, MD, MSc, FRCPC**

**Cara Reimer, MD, FRCPC**

*The Galway Visiting Lecturer:* **Angela Jerath, MD, MSc, FRCPC, FANZCA**

*Department Head:*

**Ramiro Arellano, MD, MSc, FRCPC**

*Research Committee Chair:*

**Ian Gilron, MD, MSc, FRCPC**

*Research Day Administrator:*

**Sabrina Clark**

*Clinical Research Director:*

**Tarit Saha, MD, MSc, FRCPC**

*Research Facilitator:*

**Rachel Phelan, MSc**

*Research Coordinator:*

**Debbie DuMerton, RN, CCRP**

*Research Coordinator:*

**Hala Elkerdawy, MD**

*Research Coordinator:*

**Grace Pavlatos-Jones, RN, CCRP**

*Research Coordinator:*

**Swati Gurbhele, MSc**

*Research Coordinator:*

**Nikit Mahale, MBBS, MPH**

*Institutional support:*

• Queen's University • Kingston Health Sciences Centre (KGH & HDH Sites) • Providence Care

Held on April 17, 2026 – Donald Gordon Centre, Kingston, Ontario, Canada.

*Funded by Educational Support from:*

**The Galway Visiting Lectureship**



Program booklet cover design  
by Nicole Richardson, PhD

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## **SCIENTIFIC PROGRAM OUTLINE**

0800 – 0805 **Opening Remarks**

– *Dr. Ramiro Arellano*

0805 – 0815 **Research Day Introduction**

– *Dr. Ian Gilron*

*Oral presentations – order of presentations to be announced*

0815 – 0945 **Oral presentations (6)**

0945 – 1015 **Wellness break**

1015 – 1200 **Oral presentations (7)**

1200 – 1245 **Lunch on site**

1245 – 1400 **Oral presentations (5)**

1400 – 1415 **Wellness break**

1415 – 1500 **Oral presentations (3)**

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**EACH 10-MINUTE ORAL PRESENTATION WILL BE FOLLOWED BY A 5-MINUTE QUESTION PERIOD**

**The Queen's Judges will be:**

*Dr. Louie Wang*, Queen's Dept of Anesthesiology & Perioperative Medicine

*Dr. Cara Reimer*, Queen's Dept of Anesthesiology & Perioperative Medicine

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1500 – 1600 ***Dr. Angela Jerath***, Associate Professor, Department of Anesthesiology & Pain Medicine, University of Toronto

\* Guest Lecture \*

**“Does your perioperative team matter? Physician identity and surgical outcomes”**

Wine & Cheese to follow with \* Awards Presentation \* (Donald Gordon Center)

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## **Oral Presentations** (alphabetical order)

Danielle Bourgeois-Lapicciarella, PGY-3: **“Investigating usage and reducing wastage of nitrous oxide at Kingston General Hospital: a quality improvement initiative”**

Alex Branco, PGY-2: **“Exploring the Psychological Impact of Awake Intubation: A Scoping Review of the Current Literature”**

Milena Bullen, PGY-3: **“The Development and Implementation of a Knowledge Translation Fellowship Program in Low- and Middle-Income Countries”**

Stephanie Chevrier, PGY-4: **“Remote Learning and Supervision of Ultrasound-Guided Nerve Blocks”**

Derek Dionne, PGY-5: **“Feasibility trial of remotely delivered prehabilitation program in colorectal cancer patients”**

Geoffrey Kerr, PGY-1: **“Continuous vital signs monitoring using a novel, non-invasive ambulatory monitor to detect and prevent perioperative cardiovascular complications during early recovery from non-cardiac surgery”**

Jocelyn Kerr, PGY-1: **“Enhancing Informed Consent for Caesarean Delivery: Development of a Patient Education Pamphlet on Anaesthetic Options”**

Eileen Kim, PGY-2: **“Intermittent Bolus Versus Continuous Infusion for Local Anesthetic Delivery in Plane Block Catheters: A Systematic Review”**

Luka Kremic, PGY-1: **“A pilot study of preoperative cognitive behavioral therapy for patients with depressive symptoms undergoing ovarian cytoreductive surgery”**

Dawson Lafleur, PGY-5: **“Central Line Tutor - Update and Conclusion”**

Noah Letofsky, PGY-4: **“Oxygen insufflation through flexible bronchoscope working channel for visualization during airway foreign body extraction”**

Landon Montag, BSc, MSc, Queen's MD Candidate: **“Who's Checking the Blindfold? A Review of Blinding Assessment Practices in Pharmacotherapy & Neuromodulation RCTs for Neuropathic Pain in Adults”**

Jessica Morris, PGY-1: **“The Evaluation of a Knowledge Translation Fellowship Program in Low and Middle-Income Countries”**

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Michael Pierce, PGY-2: **“SPontaneously Breathing Intubated Thoracic Surgery (SPITS) Study Update”**

Hallie Prescott, PGY-2: **“Regional Anesthesia for High-Risk Rib Fractures: Assessing Bleeding Risk in Coagulopathic Patients Receiving ESP Blocks”**

Tyler Pretty, PGY-1: **“Direct and Video Laryngoscopy in Airway Education: Current Practices and Attitudes Among Anesthesia Preceptors and Residents”**

Pat Price, PGY-3: **“Perioperative Factors Influencing Early and Late Sternal Wound Infections in Cardiac Surgery Patients: A Retrospective Cohort Study”**

Katie Root-Clarke, NP-PHC, PhD Candidate (Queen's Nursing): **“Psychedelics in Chronic Pain”**

Michel Vezarov, BSc, Queen's MD Candidate: **“Best Practices for Perioperative Bleeding Management in Adult Cardiac Surgery: A Modified Delphi Consensus”**

Jingxuan Zhang, MSc, PhD Candidate (Queen's Management): **“Post-Discharge Remote Patient Monitoring for Cardiac Surgery Patients”**

### **Poster Presentations**

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|---------------------------------|---|
| Joshua Aube                     | <b>PREhabilitation In advance of Major Elective surgery (PRIME): A pilot randomized controlled trial protocol”</b>  |
| Adrienne Kamerman               | <b>Theory-Informed Coaching to Enhance Prehabilitation Adherence: A Sub-Study of ADAPT-OC</b>   |
| Laura Nixon                     | <b>Assessing Delivery Approaches for Prehabilitation Trials in Ovarian Cancer: Adherence and Cardiorespiratory Fitness within ADAPT-OC</b>  |
| Katie Root-Clarke<br>Shelby Lee | <b>Establishment of a Spinal Cord Stimulator Program, lessons learned</b>   |
| Katie Root-Clarke               | <b>EmPOWERing Primary Care to use Digital Health Tools for Chronic Pain</b>   |
| Betty Zhang                     | <b>Perioperative Non-Aspirin NSAID Administration, Analgesic Efficacy, Safety, and Complications in Patients Undergoing Open Heart Surgery: A Systematic Review of Randomized Controlled Trials</b> |