



Anesthesia
UNIVERSITY OF TORONTO

2019 SUMMER NEWSLETTER

Department News
Academic Events
Social Events
Awards, Grants & Recognition
2019-2020 Trainees

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MESSAGE FROM THE CHAIR

The warm summer days are upon us. I hope you will find time to relax and enjoy reading about the remarkable activities and achievements of our trainees and faculty. As you will soon discover, the central theme of these activities and this Summer Newsletter is change.

The most evident change lies in the plan to modernize our name. During the 5-year strategic planning process, many of you requested a name change to the **Department of Anesthesiology and Pain Medicine**. The results of a referendum about the change were overwhelmingly positive, with 100% of residents and 95% of faculty voting in favour of the new name. Over the summer, we will send a formal request to the University of Toronto's Governing Council to change the name. Thank you to **Drs. Hance Clarke, Fiona Campbell, John Hanlon and Tania Di Renna**, who led this initiative. We will keep you up to date about other initiatives resulting from the Strategic Plan.

Concurrent with the proposed name change, our department is growing. Last year, we appointed 30 talented new members to the department. These new appointments exemplify a recent [employment study from the Royal College of Physicians and Surgeons](#), which noted that anesthesia is one of the few specialties in which the number of positions is rising. Thank you to **Dr. Carol Loffelmann and the Departmental Appointments Committee**, who are helping our new recruits develop their academic plans and launch their careers.

We are improving our social communication strategies by creating a [communication portal](#). **Dr. Nan Gai** is helping us to increase our presence on social media. For those of you (like me) who are new to Twitter, Nan will soon provide some easy-to-understand infographics on various aspects of social media. **Brenda Bui and our administrative team** will be launching a new Microsoft platform called SharePoint, which will help us to effectively manage our internal documents and communicate with faculty. After two years of development, **Drs. Lisa Bahrey, Alayne Kealey, Clyde Matava and Ms. Julie Zheng** are rolling out the new resident dashboard. A faculty dashboard is currently under construction.

Sadly, not all recent changes experienced by our department have been positive. Our former Chair, **Dr. Brian Kavanagh**, passed away on June 15, 2019. His death is a tremendous loss to our community, and we extend our condolences to Brian's family, friends and close colleagues.

In closing, I encourage you to take time to enjoy the warm summer days with your own friends and family. You may also want to start training for our resident-sponsored **Annual Sports Day, on Sunday, September 15, 2019**, when titans from across the city will gather to claim victory for their respective hospital teams. Also, mark your calendar for **Faculty Development Day, which will be held on November 11, 2019**. This year's event will focus on developing your personal leadership skills.

As always, please send us your news or stop by 123 Edward Street to introduce yourself to our administrative team.

Best wishes,

Dr. Beverley Orser, Chair of the Department of Anesthesia

"The secret of change is to focus all of your energy, not on fighting the old, but on building the new."

- Socrates

DR. BRIAN PATRICK KAVANAGH

1962-2019

It is with great sadness that we share the news that Dr. Brian Kavanagh passed away on Saturday, June 15, 2019. Dr. Kavanagh served as the Chair of the Department of Anesthesia at the University of Toronto from 2006 to 2017. He was a brilliant, passionate and quick-witted leader and clinician scientist who will be sorely missed. We extend our sincere condolences to his family, friends and colleagues.

Dr. Kavanagh made many contributions to his profession, the faculty and to the lives of many Anesthesia Residents and Fellows. He was passionate about providing exemplary clinical care, the need for research in all aspects of anesthesia and critical care and the training of clinician scientists.

Dr. Kavanagh graduated from University College Dublin in Ireland in 1985. He undertook residency training in Internal Medicine in Dublin then came to the University of Toronto to complete anesthesia residency training and a fellowship. He trained in Critical Care Medicine at Stanford then returned to the Toronto General Hospital in 1994. In 1999, he moved to the Hospital for Sick Children where he held the Dr. Geoffrey Barker Chair in Critical Care Medicine. His studies focused on ventilator-induced lung injury and the actions of carbon dioxide in the lung.

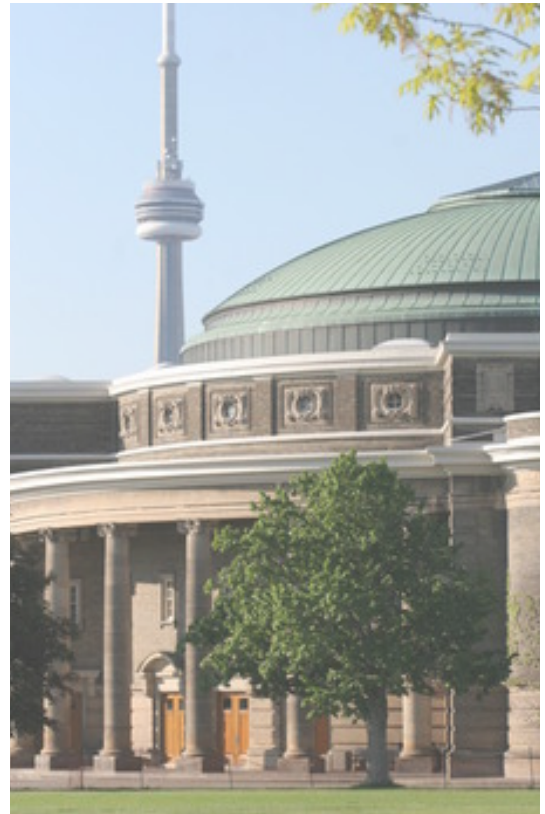
Dr. Kavanagh was the Chair of Critical Care Canada Forum and was an Associate Editor of Critical Care and an Executive Editor of Anesthesiology. In 2017, he completed two terms as Chair, Department of Anesthesia, University of Toronto. We extend our sincere sympathies to his daughters, Dáire and Aifric Kavanagh, and to his extended family, colleagues, and friends.



APPOINTMENTS

New Faculty

- **Baig**, Ehtesham (UHN-TWH)
- **Bragg**, Susan (SMH)
- **Caparica Santos**, Filipe Nadir (SMH)
- **Dinsmore**, Michael (UHN - TWH)
- **Doufle**, Ghislaine (UHN- TGH)
- **Duncan**, Dallas (UHN-TGH)
- **Fedoruk**, Kelly (SHSC)
- **Fiorellino**, Joseph (UHN-TGH)
- **Gai**, Nan (HSC)
- **Goldenberg**, Neil (HSC)
- **Goldmacher**, Jesse (UHN-TWH)
- **Hurlbert**, Lindsay (UHN-TGH)
- **Ibarra Moreno**, Carlos Alberto (UHN-TGH)
- **Levin**, David N. (HSC)
- **Manji**, Farah (South Lake Regional Health Centre)
- **Nates**, Wayne (South Lake Regional Health Centre)
- **Nhuch**, Fani (NYG)
- **Peacock**, Sharon (MSH/SHS)
- **Perez D'Empaire**, Pablo (SHSC)
- **Sellers**, Daniel (UHN-TGH)
- **Sheppard**, Matthew (MSH)
- **Steinberg**, Benjamin (HSC)
- **Sussman**, David (SMH)
- **Taam**, Jason (SHSC)
- **Tse**, Andrew (SJH)
- **Tylee**, Michael (UHN-TGH)



Welcome to the University of Toronto

PROMOTIONS

Associate to Full Professor



Dr. Fiona Campbell
The Hospital for Sick Children



Dr. Massimiliano Meineri
UHN-Toronto General Hospital



Dr. Duminda Wijeyesundera
St. Michael's Hospital

Assistant to Associate Professor



Dr. Hance Clarke
UHN-Toronto General Hospital



Dr. Clyde Matava
The Hospital for Sick Children

We would like to thank the Senior Promotion Committee for their expertise and effort during the promotion application process: **Frances Chung (Chair), Marcin Wasowicz, Annette Vegas, Anahi Perlas, Hannah Wunsch, Jeff Wasserman, Brian Kavanagh, Naveed Siddiqui, Anuj Bhatia, Vincent Chan, Tobias Everett, Stephen Choi.**

Lecturer to Assistant Professor



Dr. Fahad Alam

Sunnybrook Health Sciences Centre



Dr. Robert Cirone

St. Joseph Health Centre



Dr. Eric Greenwood

The Hospital for Sick Children



Dr. Kyle Kirkham

Toronto Western
Hospital/Women's College



Dr. Richelle Kruisselbrink

UHN-Toronto General Hospital



Dr. Stephen Lee

St. Joseph Health Centre



Dr. Susan Lilker

St. Joseph Health Centre



Dr. Oskar Singer

Sunnybrook Health Science Centre

The Department of Anesthesia is growing rapidly and we would like to thank the hard work of the Department Appointments Committee who manage all the applications for new faculty appointments and the promotion process to Assistant Professor.

Carol Loffelmann (Chair), Arie Peliowski, David McKnight, Anahi Perlas, Jean Wong, Paul Tenebein, Paul Tumber, Kyle Kirkham, Cristian Arzola, Chris Idestrup, Kristina Khanduja

2019 ANNUAL SHIELDS RESEARCH DAY

May 3



Danielle Martin and Gerald Edelist

The 40th annual Shields Research day took place at the Westin Harbour Castle. This year's message was Diversity & Science. The opening remarks were presented by **Dr. Lynn Wilson**, Vice Dean of Partnership, Faculty of Medicine, University of Toronto.

From over 60 abstract submissions, 18 were selected for oral presentations and about 30 were selected for poster presentations. The submissions received were of high quality and outstanding, it was a difficult task to select the top 48. However, the group of our dedicated reviewers made this possible. Both oral and poster presenters had a chance to share their work, stirred excellent conversations and feedback, stimulating further research. In addition to presentations by trainees, **Dr. Hannah Wunsch** gave an excellent talk on challenges of observational research where she took us through the path of her prominent article in *JAMA*.



Jean Wong, Tania DiRenna, Shikha Bansal



Michael Yang, Spencer Holowachuk, Kelvin Wong



Naheed Jivraj, Tariq Esmail

Drs. Naheed Jivraj & Tariq Esmail, recipients of past Department of Anesthesia Resident Training Awards shared their experiences and journey on how residency and the awards has helped shaped their lives.

#RELENTLESSINNOVATION



Danielle Martin

One of the highlights of the day was the annual Shields lecture, given by **Dr. Danielle Martin**, Executive Vice-President & Chief Medical Executive, WCH Institute for Health System Solutions and Virtual Care. Her lecture, "Leadership for System Change: the role of Academic Medicine", touched on diversity and inclusion with specific reference in medicine. Her talk, and her excellent ability to engage an audience made our Shields day even more successful. The post talk questions, audience feedback and evaluations all underscored the strength of the message she conveyed.

The day was concluded with an award presentation ceremony, recognizing the faculty in the excellence of teaching, clinical practice and research. As well, Dr. Mark Levine presented the trainee awards, recognizing the dedication of our fellows and residents.



Mark Levine, Rachel Martin



Sheila Riazi, Yasmine Hoydonckx



Andrew Baker, Vanessa Chin



Gil Faclier, Anuj Bhatia, John Hanlon



Mark Levine, Tyler Brown, Lisa Bahrey





AWARD RECIPIENTS

Visit our [website](#) for photos of the event and award recipients

TEACHING AWARDS

John Desmond

Jeff Wassermann (SMH)

Gerald Edelist

Eric You-ten (MSH/SHS)

Nick Lo (SMH)

David Fear

David Wong (UHN-TWH)

Gil Faclier

Anuj Bhatia (UHN-TWH)

New Faculty Teaching

Josh Gleicher (MSH/SHS)

Alex Huang (UHN-TGH)

Interprofessional Teaching

Rachel Martin (SMH)

David Flamer (MSH/SHS)

TRAINEE AWARDS

Alan Laws Travel Fellowship

Alexander White

Bijan Teja

Tuition Award

John Peel

Aoife Quinn

Thomas Donald Hammell Memorial

Tyler Brown

Evelyn Bateman

Alexander Sapa

CLINICAL EXCELLENCE AWARDS

- Chin, Vanessa (HSC)
- Hockman, Edgar (SHSC)
- Kirkham, Kyle (UHN-WCH)
- McCluskey, Stuart (UHN-TGH)
- Mercerau, Paul (SJH)
- Meschino, Alfio (MGH)
- Pollard, Brian (SMH)
- Prabhu, Atul (UHN-TWH)
- Siddiqui, Naveed (MSH/SHS)

SHIELDS RESEARCH DAY AWARDS

R.J. Byrick - Usman Ali

best research paper by a fellow

A.C Bryan - Arsene Pinguelo

best research project by a graduate student

Dr. Hynek Rothbart - Alexandra Rotstein

best paper by a resident

David Bevan - Yasmine Hoydonckx

best overall poster



This day was not possible without the continuous help and support of staff at the Department of Anesthesia.



2019 CANADIAN ANESTHESIOLOGISTS SOCIETY ANNUAL MEETING



Naheed Jivraj, Rohan Kothari, Soniya Sharma, Sanjho Srikanddarajah, Michael Dinsmore, Patricia Houston, David Mazer, Karim Ladha, Madeep Singh, Jeff Wassermann, Grag Hare, Dana Baron Shahaf

Congratulations to **Dr. Patricia Houston**, an internationally-recognized educator and leader, she delivered the Angela Enright Lecture on June 24, at the CAS Awards Ceremony and Angela Enright Lecture Luncheon. The lecture entitled: **"We All Belong—Advancing Diversity, Equity and Inclusion in Anesthesiology"**, drew on the importance of strategies to increase diversity and inclusion for medicine, anesthesiology and society at large.



Patricia Houston (SMH)

Gold Medal - Dr. David Mazer



David Mazer (SMH)

Dr. David Mazer has served the Canadian Anesthesiologists' Society and the global anesthesiology and critical care communities as an outstanding leader in all areas - clinical, academic, and administrative. His exemplary career has spanned more than three decades. He has published over 180 peer-reviewed manuscripts in high impact journals and has obtain millions of dollars of grant funding. Dr. Mazer is a dedicated clinician who has demonstrated a profound commitment to patient care at St. Michael's Hospital. He is one of the leading cardiovascular anesthesiologists and clinician scientists in Canada. He has also been an ambassador for Canadian anesthesiology who has presented over 200 invited lectures and visiting professorships worldwide. Moreover, he has contributed to the development and publication of a broad number of clinical guidelines that promote 'best practice'. Dr. Mazer's exceptional supervision and mentorship of countless medical students, residents, clinical fellows and graduate students has ensured that his gifts as a researcher, educator and leader have had an impact in all corners of the globe.

CAS 2019

Career Scientist Award

Dr. Mandeep Singh

TRANslating sleep health into QUaLity of recovery (TRANQUIl) Study: A multi-centre prospective cohort study of sleep health and activity measures predicting meaningful and patient-centric outcomes following non-cardiac surgeries.

New Investigator Award - Canadian Anesthesiologists' Society Research Award

Dr. Karim Ladha

Passing it Along: Quantifying the Diversion of Prescription Opioids Using Large Administrative Databases

Open Operating Grant - CAS Research Award in memory of Adrienne Cheng

Dr. Angela Jerath

Postoperative complications in adult cardiac surgery: Impact on patient and health system outcomes.

Best Paper in Obstetric Anesthesia

Dr. Thomas Drew

Are Shock Index and Hemoglobin variation associated with blood loss after vaginal deliveries? A prospective study

Best Paper in Obstetric Anesthesia (resident/medical student)

Dr. Iillian Taras

De-coding obstetric codes: a retrospective cohort study in a high-risk tertiary care centre

Ian White Patient Safety Award

Dr. Dana Baron Shahaf

Decreased Frontal Synchronization: New Evoked EEG index that Correlates with Post Operative Cognitive Dysfunction

Best Paper in Neuroanesthesia

Dr. Lakshmikumar Venkat Raghavan

Heart Rate Variability Predicts Post-induction Hypotension in Patients with Cervical Myelopathy

Richard Knill Oral Competition and Best Paper in Chronic Pain

Dr Sanjho Srikandarajah

Standardization of Prescriptions to Decrease Excess Opioids after Appendectomy and Cholecystectomy

RECENT EVENTS

Anesthesia Career Night

The Department of Anesthesia hosted their annual Career Night for residents and fellows on April 15, 2019 at 123 Edward Street.



Attendees at the Career Night



Michael Yang, Andrew Tse, Soniya Sharma, Kelvin Wong, Alex Rotstein

Residents and Fellows were invited to an evening information session and learn about future opportunities after they completed their training. They were joined by program directors, anesthesia departmental chiefs, fellowship coordinators and representatives from the hospital community sites. It was an informative and eventful session.

2019 McLaughlin-Gallie Visiting Professor Round

Theme: Opioid Safety

Honorary Guest Speaker: Dr. Peter MacDougall

Talk: "The Prescribing Crisis: How on earth did we get here"

The McLaughlin-Gallie Visiting Professorship, established in 1960 by The Royal College of Physicians and Surgeons of Canada, commemorates the outstanding contributions to surgical science of Dr. William Edward Gallie (1882-1959). Dr. Gallie was a Professor of Surgery and Dean of the Faculty of Medicine, University of Toronto, as well as a close friend of Colonel R. Samuel McLaughlin, founder of the McLaughlin Foundation.



Dr. MacDougall, Professor at Dalhousie University, is the founder and director of the Atlantic Mentorship Network - Pain and Addiction; and a co-developer of The Prescribing Course: Safe Opioid Prescribing.

RECENT EVENTS...

Research-In-Progress Symposium

May 2



"Monitoring Brain Activity Under Anesthesia"

Dr. Baron Shahaf is a staff anesthesiologist and Residency Program Director in the Department of Anesthesia at the Rambam Health Care Campus in Israel. Dr. Baron's research involves developing EEG based technology for brain monitoring, focusing on POCD and Awareness under Anesthesia. Her research extends to pre-hospital stroke detection and monitoring neurological deterioration in ICU settings.

Dr. Dana Baron Shahaf

"Are Opioids Necessary: The Comparison of Analgesic Regimen Effectiveness for Surgery (CARES)"

Dr. Ladha is a clinician-scientist and staff anesthesiologist at St. Michael's Hospital and U of T. His program of research uses mixed methodologies to obtain a multifaceted view of acute and chronic pain including retrospective analyses of administrative databases, prospective observational studies, and multi-center randomized controlled trials.



Dr. Karim Ladha



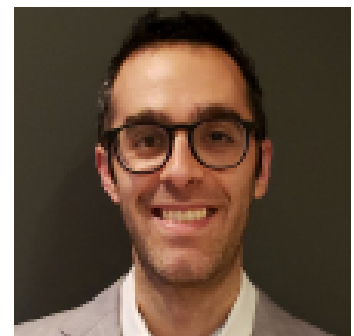
"What relieves pain and how? Mechanisms and Outcome-Prognostication for Paresthesia-based and free Spinal Cord Stimulation for Pain (MOPPstim)"

Dr. Hoydonckx is an anesthesiologist. A fellow at Toronto Western, she will be appointed as an Assistant Professor later this year. Her interests are in neuromodulation and craniofacial pain with a focus on mechanisms of analgesic therapies and their long-term outcomes.

Dr. Yasmine Hoydonckx

"Pyroptosis in Neuropathic Pain"

Ben is a pediatric anesthesiologist and neuroscientist at The Hospital for Sick Children. His laboratory investigates the interface between the immune and nervous systems. This work aims to inform the development of bioelectronic diagnostic and therapeutic technologies.



Dr. Benjamin Steinberg

RECENT EVENTS...

Pain Medicine Residency Graduation

Congratulations to **Drs. Matthew Sheppard and Maged Andrawes!**

The department is delighted to have two additional multidisciplinary trained Pain Medicine Physicians. Their primary practice will be in pain medicine and anesthesia. A special thanks to **Dr. John Hanlon** and the many teachers and mentors for their dedication and contributions in supporting the pain medicine residency program.



Anesthesia Residency Graduation

Congratulations to our PGY-5 Residents! The Anesthesia Residency Program held their annual Graduation Ceremony on Tuesday, June 18, 2019, at the Hart House, University of Toronto. We were delighted to have **Dr. Kevin Smith**, President and CEO of University Health Network (UHN), Canada's largest academic health sciences centre as the keynote speaker. Dr. Smith provided the graduating class with an inspirational speech on leadership and professionalism as they embark on the next chapter of their life. Whether it be continuing their specialty training, commencing a staff position or pursuing a research project, our graduates are off to a promising start in their medical and/or academic career. We thank the families, friends, faculty members, Office of Advancement and department staff for making this day a memorable event. A special thanks to **Dr. Lisa Bahrey** for being an exemplary mentor to our residents. We welcome our 2019 graduates to the U of T alumni community!

RECENT EVENTS...

Family Practice Anesthesia Graduation

June 19



Congratulations to the Class of 2019, Family Practice Anesthesia Residency Program.

A special thanks to **Dr. Vaibhav Kamble** (MGH) for being an exemplary mentor and leader for our residents.

Vito Sancı, Songbo Zheng, Angela Smith, Amit Thatte, Vaibhav Kamble (from left to right).

Undergraduate Retreat

In June 2019, the Anesthesia Undergraduate program held their annual retreat. This is a time when the Program reevaluate their curriculum and make any changes that are necessary before the next academic year. This year the undergraduate committee looked at the structure for the anesthesia exam for medical students and updated the blue print for the exam, which included adding categories that we felt the students should be evaluated on, and removing older categories that are no longer part of the exam. On the retreat, the committee also reviewed and updated our seven e-modules. The content and illustrations of each e-module were reviewed and replaced with up-to-date evidence based content.

Awards, Grants & Recognition



Dr. Sharon Peacock

Sinai Health System/Mount Sinai Hospital

SHS-Bridgepoint Excellence in Education - "Distinguished Educator Award 2019"

For going above and beyond in her contributions to students clinical education at SHS-Bridgepoint through her commitment, teamwork, interprofessional collaboration and innovation.



Dr. Alayne Kealey

Sunnybrook Health Science Centre

English Vice Chair & Co-Chair for the Examination Board in Anesthesiology

Royal College of Physicians and Surgeons of Canada



Dr. Mandeep Singh

UHN-Toronto Western Hospital

American Society of Anesthesiologist

2019 Best of Abstracts: Clinical Science

"Enhanced Cardio-respiratory Monitoring In The Postoperative Period Reduces Postoperative Cardio-pulmonary Complications In Patients Undergoing Bariatric Surgery"



Marc Manzo

Candidate for MSc, Dr. Beverley Orser's Lab

Canadian Graduate Scholarship - Master's Program

Canadian Institutes of Health Research (CIHR)

Frederick Banting and Charles Best Canada Graduate Scholarships

AWARDS, GRANTS & RECOGNITION

Congratulations to **Dr. Hance Clarke**, for being awarded the **Canadian Institute of Health Research (CIHR) Project Grant** for "*Medical Cannabis Concentrates for Opioid Use Disorder*". Dr Clarke received \$100, 000 for 2019-2020.

"Medical cannabis" is becoming increasingly popular because it contains cannabinoids, the active ingredients that is likely to provide medical benefits. The studies to date have methodological problems that limit conclusions and very few studies focus on the dosage and active ingredients available in cannabis concentrates. Therefore, healthcare providers and patients lack information to make informed decisions about whether and how to use cannabis concentrates. The primary objective of this pilot study is to determine the feasibility of a full study. Secondary objectives are to measure the effect of cannabis concentrates on opioid use and pain. The results have the potential to prevent and decrease long-term use—and associated harms—of opioids and help healthcare providers and patients make informed decisions about dosing and the utility of the active ingredients currently prescribed in medical cannabis.



Dr. Hance Clarke
UHN-Toronto General
Hospital

Congratulations to **Dr. Benjamin Steinberg** on being awarded two grants:

- 1. The Lung Association - Ontario Grant-in-Aid Award** (\$50,000 CAD for one year) to investigate how this cell death pathway contributes to the development and progression of pulmonary hypertension.
- 2. The IARS Mentored Research Awards (IMRA; \$167,000 USD over two years)** to evaluate whether therapeutic targeting of this pro-inflammatory cell death program treats neuropathic pain in preclinical models.

Dr. Steinberg's laboratory investigates the role of pyroptosis - a form of programmed cell death important to systemic inflammation and immunity - in the pathogenesis of disease. This cellular pathway is fundamental to the release of important pro-inflammatory cytokines, such as interleukin-1beta, and may represent a therapeutic target for a broad range of inflammatory conditions.

The associated mechanistic experiments are designed to delineate how pyroptosis contributes to neuroinflammation more generally. Together, these studies may further provide insight to the pathogenesis of diseases commonly seen in critical care and perioperative medicine, such as sepsis and post-operative cognitive dysfunction, and inform the design of new immune-modulating therapeutic interventions.



Dr. Benjamin Steinberg
The Hospital for Sick
Children

AWARDS, GRANTS & RECOGNITION



Dr. Peter Laussen

The Hospital for Sick Children

Congratulations to **Dr. Peter Laussen** and his team, they were awarded with the Canadian Institute of Health Research (CIHR) and the Collaborative Health Research Projects (NSERC partnered) Award, title "*Utilizing High Resolution Physiological Data and Artificial Intelligence to Develop a Paediatric Cardiac Arrest Prediction Tool for Integration inot Bedside Clinical Practice*". They have received joint funding from NSERC and CIHR for the total amount of \$950,000 over 3 years.

Kirk Weber Award 2019-2020

We are very pleased to announce that **Marc Manzo** (MSc candidate) and **Arsene Pinguelo** (PhD candidate) are the recipients to the Kirk Weber Award for 2019-2020. Both are students in Dr. Beverley Orser's laboratory. Please join us in congratulating them on their success!



Marc Manzo

Project Title: Characterizing the efficacy of negative allosteric modulators of $\alpha 5$ GABAA receptors in primary hippocampal neurons.

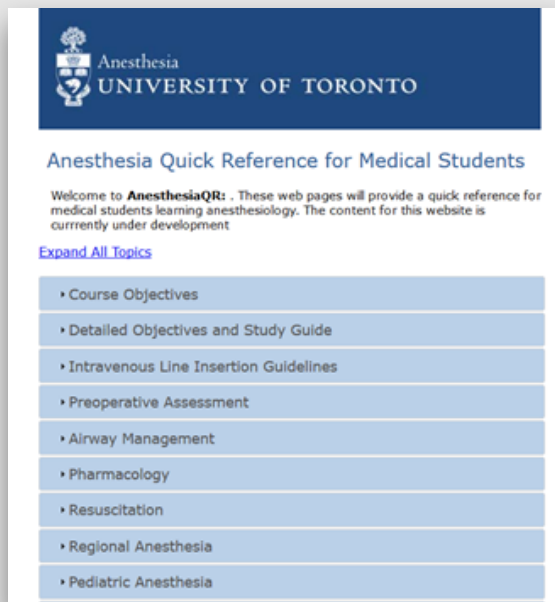


Arsene Pinguelo

Project Title: Anesthetic activation of GABAA receptors in astrocytes triggers a persistent increase in tonic inhibitory current in neurons through an IL-1 β and p38 MAPK pathway

PROGRAM UPDATES

Undergraduate Program The Anesthesia Quick Reference Guide



The anesthesia undergraduate education program has strived to make the anesthesia rotations an enjoyable and fun experience for our students. At present, the anesthesia rotation is part of the “grab bag rotation”. This rotation consists of four specialties grouped together and the students move between them quickly, making sure they grab their bags on the way out.

The students alternate between anesthesia, ophthalmology and otorhinolaryngology, then attend one month of emergency medicine. Students have to sit three exams at the end of their anesthesia rotation, which can be burdensome and a source of great stress for the students.

The new edition of the medical student’s anesthesia manual was reduced from 450 pages to approximately 250 pages. However, this is still quite a read when preparing for three exams within a one-month period. In order to ease last minute revision, the anesthesia undergraduate program has developed a **Quick Reference Guide (QRG)** for students. Though this does not replace our anesthesia manual, it will provide concise learning points for the medical student, which can be referenced back to the manual. The QRG is an online tool that can be accessed through both MacOs and Android operated systems. It is available on computers, tablets and smart phones for anytime, and any place learning. Please visit the site <http://anesthesiaqr.ca> to see the QRG.



PAIN MEDICINE SUBSPECIALTY RESIDENCY PROGRAM

Pain Medicine Residency Program has come a long way in a very short time. There are growing recognition and commitment to the specialty on all levels of academia and government. We would like to share some of our accomplishments in the last year!



Two of our graduates are now faculty members in the department. Welcome Dr. Ehtesham Baig and Dr. Matthew Sheppard, each dual certified as FRCPC (Anesthesiology & Pain Medicine).

We redesigned our curriculum to include competence in interventional procedures for pain and have had great feedback from learners and staff alike.

We ran our 3rd Annual National Pain Medicine Ground School with 36 participants joining from across the country! These included Pain Residents, Pain Fellows, FPA (Family Practice Anesthesia) residents, Nurse Practitioners and even a Pharmacist. Dr. Fiona Campbell, President of the Canadian Pain Society, welcomed everyone to the 2-day intensive seminar.

We have completed our first year of a new and innovative “hands-on” curriculum where residents have small group physical exam sessions, sonoanatomy sessions with live models and anatomy sessions with prosected specimens.

We are launching our “C-Arm fluoroscopy training curriculum” with the support of the SMH Pain physicians where our learners will hone their interventional skills on a high fidelity torso as part of their core curriculum – a first in Canada!



Dr. John Hanlon (Program Director) and Pain Medicine Residents: Stephen Lee, Howard Meng, Danyela Lee, Hasan Behbehani

These accomplishments were possible with the dedication and engagement of many stakeholders and champions of the residency program. We like to thank our committed and diverse RPC, our teaching faculty from many departments (especially Anesthesia), and the support of the University Department and the St Michael's Department of Anesthesia.

2019-2020 Trainees

Pain Medicine Residents

Lee, Stephen

Meng, Howard

Anesthesia Residents

Abdulle, Ismail

Ahmad, Nora

Alhindi, Anas

Bao, James

Das, Shyama Samarпита

Ho, Loretta Tsui San

Hong, Patrick

Kaminski, Bradley

Krimus, Lior

Marashi, Saqayeq

Nazarali, Safia

Rivest-Caissy, Jean-Patrice

Riviere, Raphael

Sapa, Alexander

Sardinha, Joel

Shao, Juliet An Qi

Sheng, Bruce

Sweidan, Zaid

Szpejda, Michael

Wainwright, Natalie

Van Wyk Bernize

Fellows (July-August 2019)

Aflaki, Sena

Agrawal, Sanket

Alli, Ahmad

Almatrafi, Sana Saud S

Bartoszko, Justyna

Bopadikar, Ameya

Broad, Jeremy David

Burns, Donogh William

Carrier-Boucher, Antony

Clark, Alison Louise

Dalby, Tara Kristen

Denning, Simon William

Di Grazia, Vitaliano Dino

Doherty, Helen Ruth

Ebrahim, Fady

Ehioze-Osifo, Amenaghawon
Andrea

Ganigara, Anuradha

Grassi, Alice

Han, Jay Shou

Karuppiah, Niveditha Padma
Meenakshi

Khetani, Henna Munir

Lo, Calvin Chun Chung

Macrae, Jenny Louise

Mcdonald, Sarah Megan

Melnyk, Vladyslav

Muller, Benjamin Rudolf

Munoz Leyva, Felipe

Nakatani, Rodrigo Lopes De
Araujo

Oyberman, Inna

Paquin Lanthier, Gabriel

Patel, Vanisha

Peters, Eric

Petry De Oliveira Souza, Melina

Premaratne, Mohotti
Mudiyanselage Subhashini
Chamila

Pungsornruk, Karla

Qureshi, Mohammed Asif

Roy, Debashis

Salvatori, Marcus C

Senekal, Annemarie Cornelia

Shankar Rao, Keerthi

Siddiqui, Urooj-Vajeeha

Silva Restrepo, Oscar Daniel

Syrett, Andrew

Tadros, Mounir Fayez Helmy
Aziz

Villagran Schmidt, Milca Andrea

Wang, Ning Nan

White, Alexander Nicholas
Joseph

Wicker, James Henri Phelupt

Wild, Evan

Yu, Julie

COMMUNICATIONS



Social media describes generally any technologies that facilitate interaction between users through internet-based platforms. The use of social media, such as Twitter, has become widespread among the general public. Twitter has been used by physicians to disseminate knowledge and research, enhance medical conference discussions, and allow for web-based journal club discussions. Some investigators have found an association between journals with highly-performing Twitter accounts and increased impact factor. Consistent with our department's goal for recognition of members' achievements, it is also an excellent platform to highlight individual and group accomplishments.

Dr. Nan Gai from Sickkids is excited to be taking on the role of Social Media Lead within the department. She will be working with the department to establish a Twitter presence for the department. She aims to increase the frequency and regularity of departmental tweets (Twitter handle [@UoTAnesthesia](#)), including recognition for faculty accomplishments. She also hopes to grow the Twitter presence of department members as a whole by creating simple guides for those who are hesitant or overwhelmed by Twitter and new terms such as "tweet" or "hashtag." Come join the Twitterverse!



Share your news with us:
Communications Portal

SAVE THE DATE 2019

UPCOMING EVENTS



September 15

**Toronto Anesthesia
Sports & BBQ Day**

Supporting CASIEF

Tickets at torontoanesthesia.social

10:30 - 16:30

Riverdale Park East



November 11

**Faculty Development
Day**

Theme: Challenges in Contemporary
Practice - Finding Joy at Work

Keynote Speaker: Dr. Mara Goldstein

8:00 - 14:30

**89 Chestnut Residence and
Conference Centre**



November 11

**Resident Academic
Retreat**

8:00 - 14:30

**DoubleTree by Hilton Hotel Toronto
Downtown**

108 Chestnut St, Toronto, ON

Department of Anesthesia

University of Toronto

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