



INSIDE THIS ISSUE:

Message from the Chair
Page 1

50th Anniversary Itinerary
Page 2

Faculty Awards & Promotions
Pages 3, 4

Medical Student &
Undergraduate Updates
Page 5

Pain Medicine Residency
Program Updates
Pages 5, 6

Anesthesia Residency Program
Updates
Pages 6, 7

Critical Care Medicine Residency
Program Updates
Page 9

Research News
Page 10

Staff Awards & Baby News
Page 11

Reflections on the 50th
Anniversary of the Department
of Anesthesia
Pages 12, 13

40th Anniversary Memories,
Contact Us
Page 14

MESSAGE FROM THE CHAIR

This edition of the newsletter highlights a major milestone: The Department of Anesthesia 50th Anniversary! To mark this landmark year, we will be inviting all our past and present faculty, staff, residents, fellows and alumni to join us in the celebrations for a full day event on **Friday, November 18, 2022!** We will

be kicking off the day at the David Braley Health Sciences Centre beginning at 8:00am with breakfast and welcoming remarks. The morning will feature talks from our invited international faculty, Dr. Alexandra Harvey (Guyana) and Dr. Stephen Tendo (Uganda) on our respective department's outreach programs and collaborations. We will then explore the history of education and clinical practices in the Department of Anesthesia, including anesthesia, pain medicine and critical care as well as 50 years of ground-breaking research in the department. We will be profiling the legacy of our Chairs. We will be also be exploring current developments such as competency-based education and equity diversity and inclusion in anesthesia. We will continue the celebrations that evening at the Gala Dinner at LIUNA Station! Starting at 6:30pm, you will be treated to a gourmet meal, the lively sounds of the Western Silver Band, unparalleled comedic entertainment from the CBC's The Debaters and the unveiling of the 50th Anniversary mural. The 50th Anniversary gala celebrations will be a wonderful opportunity to learn about our incredible history as a department, see old friends and colleagues, share stories and memories and have fun! Mark your calendars and plan to attend this milestone event.



Dr. James Paul

50TH



The Department of Anesthesia at McMaster University 50th Anniversary Celebration

Friday, November 18, 2022

Daytime Program

Location: David Braley Health Sciences Centre - 100 Main Street West, Hamilton, ON (Second Floor Auditorium)

Cost: Free

8:00-9:00 **Welcome Breakfast and Registration**
Introductory remarks: James Paul, Paul O'Byrne

9:00-10:00 **Educational Sessions**
Global Health and Anesthesia
Moderator: Caitlin VanDeCappelle
9:00: Outreach Program in Guyana - Dr. Alexandra Harvey
9:20: Outreach Program in Uganda - Dr. Stephen Tendo
9:40: Questions

History and Future of Clinical Practice and Education in Hamilton
Moderator: James Paul
10:00: Anesthesia - Dr. Joel Hamstra
10:20: Pain Medicine - Dr. Phil Chan
10:40: Questions

10:50-11:00 **Break**

11:00-12:00 **Educational Sessions**
Critical Care Medicine and Research
Moderator: James Paul
11:00: Critical Care Medicine - Dr. Fred Baxter
11:20: The Department of Anesthesia: 50 Years of Legacy Building - Dr. Anne Wong
11:40: 50 Years of Research in Anesthesia, Pain and Critical Care - Dr. Jason Busse
12:00: Questions

12:15-13:00 **Buffet Lunch**

13:00-14:15 **Educational Sessions**
Our Graduates, Research, Competency by Design and EDI
Moderator: Desi Reddy
13:20: Competency by Design in Anesthesia - 5 Years in - Dr. Mike Parrish
13:40: Equity, Diversity and Inclusion in Anesthesia - Dr. Saroo Sharda
14:00: The History of Indigenous People in Medicine and Canada - Dr. Patricia Farrugia
14:20: Questions
14:30: Wrap Up

15:00-17:00 **Campus Tours**
Department Offices, Centre for Simulation Based Learning, Michael G. DeGroot Centre for Learning and Discovery: Anesthesia Research Office, Institute for Pain Research and Care.

Location: McMaster University Campus (on own / guided)
1280 Main Street West, Hamilton ON



David Braley Health Sciences Centre

Evening Program

Location: LIUNA Station - 360 James St. N Hamilton, ON

18:00-19:00 Cocktail Reception - Live Performance by the Weston Silver Band with Dr. Norm Buckley
19:00-23:00 Anniversary Gala Dinner
19:00 Introductory Remarks - Drs. James Paul and Paul O'Byrne
19:15 Dinner
20:15 Unveiling of the 50th Anniversary Mural - Dr. James Paul and Mr. Brandon Tidy
20:30 The Debaters' Performance with CBC's Steve Patterson



LIUNA Station



DEPARTMENT OF ANESTHESIA FACULTY AWARDS & PROMOTIONS

FACULTY AWARDS



Dr. Alexandre Dauphin

Congratulations to **Dr. Alexandre Dauphin**, recipient of the **2022 Canadian Anesthesiologists Society Humanitarian**

Award, given in recognition of

excellence in global anesthesiology for his dedication to justice, health equity and the provision of safe anesthetic care for all. Dr. Dauphin helped establish an anesthesia training program in Haiti in 1990, forged a partnership between McMaster University, Mbarara University (Uganda), Makerere University (Uganda) and the Ministry of Health Uganda and was a member of CASIEF and MacGIOBAS. His work over 30 years has impacted thousands of patients on three continents.

FACULTY APPOINTMENT



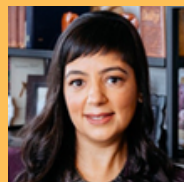
Dr. Ryan Smith, Clinical Chief, Department of Anesthesia Hamilton Health Sciences.

Dr. Smith has contributed substantively to health system administration and the advancement of clinical care at McMaster. He was appointed Practice Lead for Vascular Anesthesiology at Hamilton Health Sciences and was the Chair of the Annual CanAm International Clinical Anesthesia Conference. Dr. Smith designed and integrated a self-assessment component that was accredited by the Royal College and was a member of the Scientific Chair of the annual Ontario Anesthesia Meeting (OMA). He put much effort into the advancement of perioperative clinical care in the creation of the HiRiSE (High Risk Surgical Encounter Clinic) optimization clinic at Vanderbilt. In 2014, he was awarded the Dr. Vince Politi Best Clinical Teacher Award at the end of his first year at McMaster and again in 2017. In 2015 he also received the Clinical Teaching Certificate of Recognition.

Dr. Vandana Vaishnav was awarded the **Staff Professional Education Awards Program for Anesthesiologists** at HSS to support a Workshop for Ultrasound Guided Peripheral Nerve Blocks.



Dr. Saroo Sharda received the inaugural **Dr. Pauline Alakija Trailblazer Award** from Equity in Medicine.



In The Media



Survivor winner and McMaster University iSci (Integrated Sciences) graduate Maryanne Oketch (pictured above left) is a godsend for McMaster University's "Surviving Survivor: Insights from Reality TV for Real Life", a course created by **Dr. Jennifer Nash** (above right) with co-instructor, Hartley Jafine. Said Dr. Nash, "The course taps into how the show provides opportunities for discussion about a wide spectrum of perspectives - on everything from race and gender to health, group process, and communication and problem solving." This year marks the first time the course was offered in person. "We have quite a wide range of students registered in the course this year and it has been really interesting to have diversity of experiences/disciplines discussing topics like ethics, collaboration, gender, game theory etc. We have past Survivor players join our class as guest speakers and many of them are located in the USA so they join us by Zoom, but that's the only part of the course that is virtual.", added Nash.



New Faculty

- Dr. Dillon Horth (SJH)
- Dr. Kim Wong (SJH)
- Dr. Kris Abbas (SJH)
- Dr. Cameron Nishi (SJH)
- Dr. Sari Yakubovich (SJH)
- Dr. Kathleen Wheeler (HHS)
- Dr. Donough Burns (HSS)
- Dr. Muhammad Imran Khan (HHS)
- Dr. Isabella Jarmillo (MUMC)

New Clinical Scholars

- Dr. Shannon Rodrigues (SJH)

Faculty Flashbacks



Dr. Ama DeGraft-Johnson, 1979



Dr. Janet Farrell, 1981



Dr. Fred Baxter, 1986

FACULTY PROMOTIONS



Dr. Jason Busse - Professor, Departments of Anesthesia and Health Research Methodology, Evidence and Impact, July 1, 2022 - Dr. Busse

is the Director of the Michael G. DeGroot National Pain Centre, Scientist with the Institute of Pain Research and Care, Associate Director of the Michael G. DeGroot Centre for Medicinal Cannabis Research, Director of Research for Chronic Pain Centre of Excellence for Canadian

Veterans, Pain Lead for the Division of Perioperative Care and Research, and the Associate Chair of Research for the Department of Anesthesia. In 2021, he was awarded the Canada Research Chair in the Prevention and Management of Chronic Pain (Tier II). He maintains a robust research profile in pain research, focused on the prevention and management of chronic pain and has received 44 million dollars in funding, and has a career total of over 200 peer reviewed publications since joining the University. Dr. Busse has been actively involved in teaching and supervising undergraduate, graduate, postgraduate and post-doctoral students and regularly teaches HRM courses in methodology for systematic reviews and randomized controlled trials. He has been recognized for his contributions to education with the 2021 President's Award for Excellence in Graduate Supervision.

Dr. Saeda Nair - Associate Professor July 1, 2022 - Dr. Nair's area of

expertise is in hepatobiliary (HPB) anesthesia and perioperative care. As the HPB Anesthesia Lead, she has worked to secure funding for non-invasive cardiac output monitors for use in major hepatobiliary cases leading to better hemodynamic and fluid management in



complex patients with multiple comorbidities. As the Anesthesia Lead for Enhanced Recovery after Surgery (ERAS) she worked on incorporating ERAS protocols into the QBP-Hysterectomy, consistent with best practice. She is a member of the National Surgical Quality Improvement Program (NSQIP) that reviews data of increased rate of organ/space infection following hepatobiliary surgery at Juravinski Hospital. She is a collaborator for a research project, Perioperative Optimization with Nutritional Supplements in Patients Undergoing Gastrointestinal Surgery for Cancer (PROGRESS): a Randomized Placebo Controlled Feasibility Study and part of a collaborative project with Cancer Care Ontario. She is collaborating on a randomized controlled trial looking at the effects of intrathecal analgesia versus patient-controlled analgesia on post-operative pain in patients undergoing laparoscopic liver resection,. Dr. Nair has a strong interest in education and been actively involved in education as an MF tutor, the Undergraduate Site Coordinator at the Juravinski Hospital as well as an Academic Advisor for the Anesthesia Residency Program, a member of the Competence Committee and a Trouble Rounds Facilitator.



Dr. Summer Syed - Associate Clinical Professor, July 1, 2022. Dr.

Syed's expertise is in cardiac anesthesia, transesophageal echocardiography (TEE), perioperative anticoagulation and blood conservation management. Her research in thrombosis and hemostasis, perioperative outcomes, and blood management has been highly cited and she has over 80 peer-reviewed publications.

She has also written guideline papers on management of perioperative anticoagulants and was the 1st anesthesiologist member of Thrombosis Canada. Dr. Syed has served as the clinical lead for cardiac anesthesia at HHS and has introduced new techniques such as perioperative TEE and created transfusion protocols for cardiac surgery in collaboration with the cardiac surgical and perfusion group. Her research has allowed the use of point-of-care rapid testing devices for the OR to develop response algorithms in Meditech. Dr. Syed was the director of the Cardiac Anesthesia Fellowship program 2007 – 2015 where she developed a rigorous academic and clinical program. She is Chair of the Cardiovascular & Thoracic section for the Canadian Anesthesiologists' Society and has been an invited speaker for many local, national and international meetings.



Faculty Flashbacks



Dr. Hanna Tuszynska, 1996



Dr. Mike Parrish, 2000



Dr. Joel Hamstra, 2007



Dr. Russel Brown, 2016

UNDERGRADUATE UPDATES

NEW UNDERGRADUATE ANESTHESIA PROGRAM DIRECTOR



Dr. Amanda Whippey
Program Director,
Undergraduate
Anesthesia, Clerkship

Congratulations to **Dr. Amanda Whippey** who has been appointed our Program Director, Undergraduate Anesthesia Clerkship. Amanda has been with McMaster/HHSC since 2015 and in her clinical faculty role has served as the Undergraduate Clerkship Site Director and Graduate CTU Director for the MUMC site. She also worked with MD students as an editor of the Anesthesia Clerkship Pocket Guide for Medical Students and described that as "an amazing example of the engagement and ingenuity we see from students in the undergraduate program". Amanda is looking forward to working with students, our community partners and our faculty to further the student experience and continue innovation in UGME education.

MESSAGE FROM THE UNDERGRADUATE ANESTHESIA PROGRAM DIRECTOR

The Undergraduate Program has gone through several transitions over the past few years. I took over as Program Director from Daniel Cordovani, who continues to be a very active leader in the program as Site Lead at HGH. We also welcome Isabella Jaramillo as the new Site Lead for MUMC! The end of August saw the return of Block Elective Medical Students to the OR - after a 2-year suspension due to COVID 19 precautions. This was followed by the return of clinical clerks to the OR in September. We look forward to welcoming visiting elective students to McMaster in January 2023. Several other exciting projects include an update to our online E-curriculum with a more user-friendly platform, based on direct feedback from students. We also have a study led by Sean Xia looking at question-based learning modules for medical education. Many thanks to our resident group that will be assisting with airway and IV stations at the Transition to Clerkship bootcamp this November. This year has a record high number of McMaster clerks applying to anesthesia - over 20 plan to apply! This speaks directly to the quality experience we provide to our future physicians.

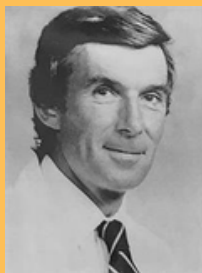
Dr. Amanda Whippey

PAIN MEDICINE UPDATES & NEWS

PAIN MEDICINE RESIDENCY PROGRAM

1st Annual Pain Residency Program Faculty Teaching Award

The Pain Residency Program has recently created a Faculty Teaching Award. This award is in honour of **Dr. Jay Forrest**, Anesthetist, Department of Anesthesia, McMaster University. We decided in our meeting in June 2022 that the award should be renamed **THE SCOTTY DAWG AWARD** as this is how Dr. Forrest was referred to by his colleagues. Our very first recipient of The Scotty Dawg Award is **Dr. Akil Siva**. Congratulations Dr. Siva - we appreciate all you do for our program!



The Late
Dr. Jay Forrest
Department of
Anesthesia Chair
1980-1990



Dr. Akil Siva
2022 Scotty Dawg
Award Winner



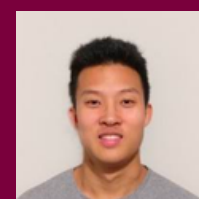
Pain Medicine Residency
Program **CaRMS**
Interviews took place on
Saturday, October 1, 2022.

MEDICAL STUDENTS IN THE NEWS



On Sept. 17, 2022 the Medical Students organized the Department of Anesthesia HHS Strides Team, supporting fundraising initiatives for patient care and vital equipment needs at Hamilton General Hospital, including the Regional Rehabilitation Centre, and St. Peter's Hospital.

Congratulations to Emily Thorburn-Winsor for her article in the Hamilton Spectator, entitled "Understanding Newborns and Pain" June 1, 2022. ([Click here](#))



Dr. Henry He, for his article on "Capitalism, Culture and Chronic Pain", published July 13, 2021 in the Hamilton Spectator ([Click here](#)).

Muhammad Muneeb Ahmed for his article, "Are Patients and Physicians Honest With Each Other?" published June 18, 2021 in the Hamilton Spectator ([Click here](#))



Congratulations **Gemitha Ratnayake Mudiyansele!**

On placing 2nd for poster presentations during the McMaster Medical School Research Day!

"Systematic Review of Randomized Trials Evaluating Analgesic Regimens After Nephrectomy: A Protocol"

PAIN MEDICINE UPDATES & NEWS – CONT'D



Top L-R: Dr. Mohammad Aljalisi – Regional Pain Fellow; Dr. Mohamad Sharaf Aldeen – Hepatobiliary Fellow; Dr. Amer Alkinani – QI Fellow; Dr. Ardeshir Algooneh – Senior Anesthesia Fellow; Tammy Purchase – Program Assistant; Dr. Daniel Cordovani; Dr. German Ramos – Cardiac Anesthesia Fellow; Dr. Ibrahim Elshahat Abdelaal – Chronic Pain Fellow; Dr. Haneen Hawsawi – Neuro Anesthesia Fellow; Dr. Rothana Aljehani – Obstetrics Anesthesia Fellow
Bottom L-R: Dr. Ahmed Alharthi – Chronic Pain Fellow; Dr. Mohammed Albaqami – Regional Anesthesia Fellow; Dr. Bruno Borges

ANESTHESIA RESIDENCY PROGRAM UPDATES & NEWS

Message From Chief Anesthesia Resident – Jordan Albaum PGY-5



General Experiences and Advice:

Anesthesia residency training is an exciting, fast-paced and high-intensity adventure. Your overall experience is a culmination of the people you meet and work with, the patients you see and treat, the skills and knowledge you harness, and the challenges you overcome on your path to success. Despite the demands of training, residency is filled with much joy and satisfaction. Some of the best parts of residency here include:

- My fellow residents. Anesthesia residents are a tight knit family that celebrate every success and share every misstep in both our academic and personal lives. You develop a robust support system that truly is second to none. We also get the opportunity to work with residents from other specialties and from all over the world. Getting to share in their knowledge and culture is a true honour.
- Personal growth. You will learn a lot about yourself over the 5 years of residency. There are endless opportunities for learning and as you find yourself dealing with new and exciting situations, you will constantly push the boundaries of your comfort zone and truly see how much you are capable of (both personally and professionally).
- Teaching and Mentorship. Being a resident puts you in a privileged position to help support the next generation of medical students and junior residents. Whether it is through formal mentorship programs at McMaster or informal conversations during clinical skills teaching or in the OR, there is lots to be gained by both mentor and mentee from these unique relationships.

There are still unfortunately parts of residency that we all must go through. Some of the most challenging aspects include:

- Call Requirements. Despite call being one of the most valuable learning opportunities in residency, it certainly taxes your body and mind. It often takes away weekends and evenings when you would rather be with your family or friends, and often on anesthesia time spent in the hospital is without rest.
- Service. Although we are learning, a large portion of our training is service-based. We are a key part to ensuring the healthcare system runs smoothly, despite the toll it sometimes takes on us. Service can be draining, and balancing that with other aspects of training such as research, teaching, etc. can be overwhelming. It is important to frequently re-evaluate your schedule and be realistic with yourself about what you can and cannot handle.

Finally, always keep an open mind and try new things. There are many roads that lead to the same place and learning different ways of doing things (especially in anesthesia) can benefit you greatly.

(cont'd on next page)

PAIN MEDICINE GRADUATE

David Clinkard

PAIN MEDICINE INCOMING TRAINEES

PAIN MEDICINE RESIDENT

Karim Wafa

FELLOWSHIPS

Cardiac Anesthesia

German Rangel
Majed Mohammed Madkhali

Chronic Pain

Ahmed Alharthi
Ibrahim Elshahat Abdelaal

Hepatobiliary & Surgical Oncology

Mohamed Aldeen

Neuro Anesthesia

Haneen Hawsawi

Obstetrics Anesthesia

Rothana Aljehani

Pediatric Anesthesia

Sulaman Almsesned

Regional Anesthesia

Mohammed Albaqami
Mohammed Aljalisi

Simulation & Crisis Management

Paridhi Kaler

Message From Chief Anesthesia Resident - Jordan Albaum PGY-5 – cont'd

Talk to as many people as possible and be a sponge from everyone. This includes not only your anesthesia staff members, but surgeons, other residents, nurses, AAs, RTs, etc. Everyone has something to teach you and although 5 years seems like a long time, it will be over before you know it!

Preparing for Royal College

The following Royal College advice has been handed down through many years of the program and by those with much more wisdom and knowledge than myself.

- See as much as you can during your training and read around your cases. Our exposure to cases (basic and complex) at McMaster is exceptional and provides a solid foundation for what we need to know.
- Starting to study can feel overwhelming, set a good study schedule and **STICK TO IT**. No matter how tempting it may be to take a week or evening off when you are drained, keep up with your fellow colleagues and don't let yourself fall behind. It is all about how much time you put in.
- Trust in the system that has been laid out for you by your predecessors. A lot of times it can feel like you are not actually making progress or learning anything, but you are. The system has been working for years and will work for you too.
- Maintain your sanity by relying on your friends, family, and especially your colleagues. Try to find time to take care of yourself. From a former chief "While this exam is essentially the gateway to your future life, in the end it is just an exam."

RESIDENT AWARDS



Congratulations to **Dr. Josiah Butt (PGY2)**, recipient of the **LR Wilson Leadership Scholar Award**. This award aims to give students transformative experiences while also helping to develop the next generation of leaders in Canada. Josiah's project aims to re-imagine the didactic process of teaching cultural safety and Indigenous Health to residents and other

medical learners. The first step in this proposal is a teaching film that tells the story of Indigenous Elder experiences in the healthcare system. This is akin to Elder knowledge keeping and sharing through stories. The completed film will be housed in the Indigenous Learning Lodge at McMaster. Residency programs and other groups will be able to access the stories by physically attending the Lodge and engaging in the process of respectful ceremony in thanks to the Elder stories. The idea is to actually allow learners to engage with cultural processes and human experiences - but still in a scaleable and practical way.



Congratulations to **Dr. Janice Yu (PGY4)** for her achievement of being The **2022 Outstanding Resident Award Winner**. As an HHSC Medical Association Award, this award recognizes one individual from each department at HHS who demonstrate excellence in patient care. We are so proud of Dr. Yu for this well-deserved achievement, and we look forward to watching her success in her medical career and the specialty of anesthesia.

Janice, along with **Dr. Rory Blackler (PGY4)** were 1 of 4 recipients of this year's **RMA Scholarship Award** for their project, "Early Intervention Self-Administered Sphenolamine Ganglion Blocks (SPGBs) Versus Standard Conservative Management of Post Dural Puncture Headache in Obstetric Patients - A Randomized Feasibility Study".



Congratulations to **Dr. Gabriel Simchovich**, PGY4, for winning the 2022 PARO Resident Teaching Award.

The Resident Teaching Awards honour residents who have provided outstanding clinical teaching experiences to junior housestaff and clinical clerks.

RESEARCH DAY WINNERS



Congratulations to **Ioana Cozma (PGY2) McMaster, 1st Place Winner** of the annual

McMaster - Western Research Exchange Day (and the first in-person research day held since COVID!) held on May 20, 2022 at McMaster University with her project entitled, "*Malignant hyperthermia screening, let's not get overheated*"

3rd Place Research Day Winner, Karl Rom



(PGY4) McMaster, for his project on "*Pediatric postoperative opioid prescribing practices at a tertiary care hospital*"

Reach for the Top Winners

Dr. Lawrence Chiu Award
for Professionalism & Collegiality,
Dr. Eli Adly

Dr. Vince Politi Award
for Best Clinical Teacher,
Dr. Anthony Valente

Dr. Brijesh Ayra Award
for a Junior Resident that Best Exemplifies Compassion, Generosity, and Respect for Fellow Residents,
Dr. Sean Xia

Dr. Hisham Zokari Award
for a Resident in their Final Year of Training who Exemplifies Compassion, Understanding, Concern, and Generosity Toward Fellow Residents, Staff, Patients, and Coworkers,
Drs. Mark Czuczman & Steven Long



Congratulations Anesthesia Residency Program Graduates

Mark Czuczman
Aaron Kugler
Steven Long
Thomas Riecki
Shannon Rodrigues
Karl Rom



Welcome Incoming Trainees

Mohammad Alkharraz
Monica Brundage
Branden Deschambault
Christopher End
Matthew Houde
Ramsha Khan
Gavenjit Klair
Hanna Levy
Grace Martin

OBITUARY



Dr. Matthew Foss

Dr. Matthew Foss (PGY5) passed away on Sunday, September 18, 2022 at the age of 32. Matthew was a close friend and colleague to many of us and considered "one of our own". Despite a long and courageous battle with Hodgins lymphoma, he never wavered from his commitment and dedication to his family, foremost, and also to his work. He leaves behind his wife, Rachel, and children Rory (4) and Anneliese (2). Matthew had such a kind heart and will be greatly missed.

Please click [here](#) to access A GoFundMe account that has been set up in his name. Thank you to those who have already donated.

Matthew's obituary can be viewed online [here](#)

Anesthesia Residency Program Director, Dr. Desi Reddy



Roderick Ganeshan, Rachel Foss, Matthew, and Jordan Albaum at the Chair's Welcome BBQ, 2019.

CRITICAL CARE MEDICINE RESIDENCY PROGRAM UPDATES & NEWS

CCM FACULTY ACCOMPLISHMENTS

2021 2022 CCM Faculty Teaching Awards

Awarded to a faculty member who has made significant academic impact on resident critical care training

- **Dr. Joanna Dionne** (JHCC)
- **Dr. Paul Engels** (HGH)
- **Dr. Tania Ligorì** (SJH)



Dr. Joanna Dionne,
CIP Graduate,
June 2022, PGME
Faculty Wellness
Champion Winner
and CCM Faculty
Teaching Award
(JHCC).



Dr. Paul Engels



Dr. Tania Ligorì



**Dr. Dipayan
Chaudhuri**,
CIP Graduate,
June 2022

**Dr. Craig
Ainsworth**
appointed
**Chief of
Critical Care**,
Hamilton



Health Sciences, July 1, 2022

CCM RESIDENT NEWS

Alisha completed FRCP Emergency Medicine Residency at McMaster University in 2022 and is currently appointed as part-time faculty at McMaster working at St. Joseph's Healthcare Hamilton Emergency Department. She is originally from Kirkland Lake and completed medical school at the Northern Ontario School of Medicine. Interests include medical education and simulation, and research topics which intersect emergency medicine and critical care (ie. pain and sedation). In her spare time, she enjoys cross-country skiing, triathlon training, and cooking.



**Dr. Alisha Greer -
Critical Care Medicine
Residency Program,
Chief Resident**

CCM RESEARCH DAY WINNERS

On Monday, May 2, 2022, the McMaster CCM Residency Program travelled to London to compete with Western University in the annual Research Exchange Day. Congratulations to **1st Place Winner, Laiya Carayannopoulos (PGY5)** for her project entitled, "Dexmedetomidine vs. other sedatives in critically ill mechanically ventilated adults: a systematic review and meta-analysis of randomized trials." Special Honourable Mention to **Dan Durocher (PGY8)** for his project entitled, "*The Cardiac Intensive Care Medical Education Project: An Evidence-Based Medical Education Curriculum.*"



**2021 2022 CCM
Resident of The Year
Award, Dr. Natasha
Ovtcharenko (PGY5)**
*Awarded to the resident
who has demonstrated
excellence in all areas of
training.*



L-R: Kyle Fiorini (Western),
Laiya Carayannopoulos (McMaster),
Chintan Dave (Western)

2022 CANADA GAIRDNER WIGHTMAN WINNER

Dr. Deborah Cook (SJH) is the winner of the prestigious **2022 Canada Gairdner Wightman Award** for her ground-



breaking research in the treatment of patients in the intensive care unit (ICU). The award is in recognition of outstanding leadership in medicine and medical science throughout her career. Dr. Cook has pioneered improvements in ICU patient management that has both reduced the risk of complications and enhanced end-of-life care for those with fatal illnesses or injuries. As the first Canadian critical care specialist trained in clinical epidemiology and biostatistics, the results of Cook's research are now standard practice internationally in preventing and treating gastrointestinal bleeding, blood clots and ventilator-associated pneumonia in ICU patients. She grew her reputation as a trailblazer early in her career by working to improve end-of-life care for patients, even when some senior colleagues questioned whether it was a legitimate field of inquiry. Dr. Cook is one of 4 McMaster Faculty to receive this award.

Congratulations Critical Care Medicine Graduates



2022 Graduating Trainees

L-R: Dr. John Centofanti (PD), Kumait Al Lawati, Laiya Carayannopoulos, Shannon Theune, Dan Durocher, Natasha Ovtcharenko, Mohammed Alfawaz, Sarah Richardson (PA),
Inset: Nehal Tarazan

Welcome Critical Care Medicine Incoming Trainees

Mohammed Binkharfi
Mark Hewitt
Nikita Malhotra
Daniele Valentini

RESEARCH NEWS

Message from the Associate Chair

We are delighted to provide this research report to members of the Department of Anesthesia. The past year has seen continued challenges because of the COVID-19 pandemic, which included remote meetings and teaching, and delays in clinical trials. More recently, there has been a return to in-person meetings and resumption of recruitment for studies and we remain hopeful that these positive trends will continue. The Canadian Pain Society meeting was held in person this May in Montreal and the Department was well represented with over 25 posters and a podium presentation. We have continued to offer the on-line Fundamentals of Health Research Methodology course, initiated by Dr. James Paul and led by Dr. Li Wang, and to build important collaborations both within McMaster and with other academic organizations. In recognition of these efforts, our Department was awarded its first Canada Research Chair to Dr. Jason Busse, in 2021, in the prevention and management of chronic pain. Key accomplishments in the past year include a guideline and associated evidence synthesis on the role of therapeutic cannabis in the management of chronic pain [1,2] a 14,831 patient prospective cohort study to inform the prevalence and predictors of persistent post-surgical incisional pain [3] a randomized controlled trial of remote monitoring vs. usual care after surgery that found significant reduction in medication errors and improved post-surgery pain,[4] and a metaresearch analysis that found 30% of randomized trials that launch are prematurely discontinued and 21% go unpublished.[5] In addition, Health Canada awarded our department funding to update the 2017 Canadian Guideline for Opioids and Chronic Pain, which has been cited 520 times since publication. Most of the Department's studies involve patient partners, and all involve clinical experts who play critical roles by ensuring that research questions are relevant and timely and will address important questions that can improve patient care. We look forward to working with our colleagues to advance anesthesia research and build on McMaster University's international reputation for evidence-based clinical care.



Dr Jason Busse

1. Busse JW, Vankrunkelsven P, Heen AF, et al. Medical cannabis for chronic pain: a clinical practice guideline. *BMJ* 2021; 374: n2040
2. Wang L, Hong PJ, May C, et al. Medical cannabis for chronic noncancer and cancer-related pain: a systematic review and meta-analysis of randomized clinical trials. *BMJ*. 2021; 373: N1034
3. Khan JS, Sessler DI, Chan MTV, et al. Persistent Incisional Pain after Noncardiac Surgery: An International Prospective Cohort Study. *Anesthesiology*. 2021 Oct 1;135(4):711-723.
4. McGillion MH, Parlow J, Borges FK, et al; PVC-RAM-1 Investigators. Post-discharge after surgery Virtual Care with Remote Automated Monitoring-1 (PVC-RAM-1) technology versus standard care: randomised controlled trial. *BMJ*. 2021; 374: n2209. doi: 10.1136/bmj.n2209.
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WELCOME!

The Research Department welcomes **Lawrence Mbuagbaw, MD, MPH, PhD**, Associate Professor, Department of Health Research Methods, Evidence, and Impact (HEI), and **Joycelyne Efua Ewusie**, BSc, MSc, PhD, Biostatistician and Health Research Methodologist, to assist with methodology and statistical analysis in research projects. In April 2021, Dr. Mbuagbaw assumed leadership of the Biostatistics Unit after Dr. Lehana Thabane accepted the dual positions of Vice President, Research at St. Joseph's Healthcare Hamilton, and Scientific Director of The Research Institute of St. Joe's Hamilton.



Lawrence Mbuagbaw



Joycelyne Efua Ewusie

RESEARCH SUPPORTS



Toni Tidy

Research Coordinator



Sara Miller

Scientific Editor

McMaster University Department of Anesthesia has a supportive and productive research department, lead by Research Chair, Dr. Jason Busse. Research assistance is available to residents and faculty, from start to finish. Dr. Busse is available to discuss research ideas, study protocols or ongoing projects. Other research supports include protocol development, methodology, grant preparation and submission, REB submissions, statistical analysis, and journal article editing and submission. Researchers who would like assistance with their projects, or to discuss opportunities to participate in ongoing studies, can meet with Dr. Busse and others in the Research Group; please contact **Toni Tidy** (tonitidy@mcmaster.ca) or **Sara Miller** (milles29@mcmaster.ca) to arrange a meeting.

FACULTY RESEARCH AWARDS

Congratulations to **Dr. Jason Busse** for being awarded the **2022 Health Sciences Graduate Student Association Excellence in Graduate Teaching Award** and for funding received

"Use of Opioids for the management of chronic non cancer pain: Update of the 2017 Canadian guideline"

Granting Agency: Health Canada, Substance Use and Addictions Program (SUAP)



Congratulations to **Dr. Harsha Shanthanna** on winning the **Canadian Anesthesiologists' Society Dr. James Beckstead Award** for his study *Opioid Reduction and Enhanced recovery in rthopaedic Surgery (OREOS)-Knee: A Pilot Randomized Trial* and his 2021 Labarge Catalyst Grant for his study "*Studying Aging, Mobility and Chronic Low Back Pain in Older Adults using Remote Monitoring.*"



CONGRATULATIONS!

STAFF MCMASTER SERVICE AWARDS

TAMMY PURCHASE

Pain Medicine Residency Program Assistant & Fellowship Program Coordinator

30 YEARS WITH MCMASTER UNIVERSITY

Wow, imagine all of the changes experienced, except with RMA systems still the same



CANDICE STROUD-GRUNDY

Anesthesia Residency Program Assistant

20 YEARS WITH MCMASTER UNIVERSITY

Dedicated to residents and clinical education, but less so than her dedication to Disney and cruising



CARMELA JEFFREY

Anesthesia Undergraduate Medical Education Coordinator

15 YEARS WITH MCMASTER UNIVERSITY



BABY NEWS

Thomas Swan (PGY5 CCM) and wife Steph are thrilled to announce the birth of their baby boy Oliver, who arrived July 11, 2021 at 11:18 a.m. after a long labour.



Pediatric Anesthesia Fellow **Khalid Aljonaieh** and wife Haya Suliman Aljonaieh were blessed with baby Hattan Khalid Aljonaieh born on Sept. 1, 2021.



Sophie, married to **Rory Blackler (PGY4 Anesthesia)** delivered a healthy baby girl named Maxine on Friday, May 6th, 2022 at 7:00am.



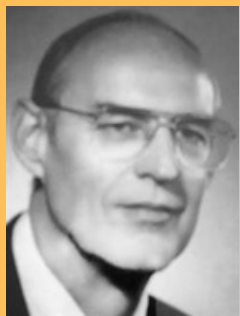
Malik Farooqi (PGY7 CCM) had to cut his call week short by a few days as he and wife Sana were blessed with a beautiful baby boy, named Musa, who arrived a week early on April 5, 2022.



Critical Care Fellows **Mark Hewitt (PGY6)** and **Alisha Greer (PGY6)** would like to announce the arrival of their baby girl, Rowan, on October 17th, 2022



REFLECTIONS ON THE 50TH ANNIVERSARY OF THE DEPARTMENT OF ANESTHESIA AT MCMASTER UNIVERSITY



Dr. Don Catton,
First Professor & Chair
of the Dept. of Anesthesia

Fifty years ago, the academic Department of Anesthesia at McMaster University was officially established with the formal opening of the McMaster University Medical Centre (MUMC) on May 27, 1972. (1) Dr. Don Catton was appointed as the first Professor and Chair of the new academic department. Under his leadership, he brought in faculty champions to establish the founding framework, including Drs. J.M. Thistlewood, J.R.A. Rigg, D.A. Morison, J.B. Forrest, G.L. Dunn, R. Rajagopalan and Hewson (2,3). While the Hamilton hospitals had been training anesthesia residents prior to the establishment of the academic department, it was Dr. David Morison, the first anesthesia residency director, who integrated the training across all of the hospitals and establish the formal McMaster University academic anesthesia residency training program.



MUMC Open House, 1972

It is important to remember that clinical anesthesia practice in Hamilton dated well before 1972 with the establishment of the Hamilton General Hospital in 1882, St Joseph's Hospital in 1890 and the Mount Hamilton Hospital in 1917 (later renamed and amalgamated with Nora Henderson Hospital (1954) as the Henderson Hospital in 1965). Over the years, these hospitals have endured and expanded through many iterations into its current structure of the Hamilton Health Sciences (McMaster University Medical Centre - McMaster Children's Hospital, The Juravinski Hospital and Cancer Centre, The Hamilton General Hospital) and St. Joseph's Healthcare Hamilton (Charlton Ave, King St and West 5th campuses). The incredible changes and advances in anesthesia clinical practices over the years to its present day state-of-the-art level are a true testament to the tremendous drive for excellence and innovation by the members of our department. There was also a strong academic anesthesia tradition in Hamilton that predated the founding of the university Department of Anesthesia. Dr R Fraser, chief of anesthesia in the 1940's at St Joseph's Hospital and Dr. F Ruston, anesthesiologist at HGH, published papers on anesthesia practice in the *Canadian Medical Association Journal* and the fledgling *Canadian Journal of Anesthesia*, in the very first edition no less!

In reflecting on how far the Department of Anesthesia at McMaster University has evolved over the last 50 years, we took the opportunity to review our historical archives that are available on our website (click [here](#) to access).

We were amazed at the treasure trove of information available. In addition to timelines that detail the history of the department intertwined with the history of the specialty itself, there are priceless interviews with faculty members, including one with Dr. Marion Morgan who was the first female anesthetist in Hamilton when she started in 1947. In listening to their interviews, it is fascinating to reflect on how things have changed but how some of the same struggles and challenges fundamental to the practice of anesthesia still exist.

Founding Members at Dr. John Rigg's Farewell Party, 1983

Back Row L-R: Don Catton, David Morrison Geoff Dunn,
Ronnie Brown, Girish Moudgil

Middle Row L-R: John Hewson, Jay Forrest, John Ashworth,
John Rigg, Fred Wright, Angie Fargas-Babjak, Bob Lee

Front Row L-R: Matt Bazoin, Joe Woo, Keri Smedstad, Bill Bota



Hamilton General Hospital, 1882



St. Joseph's Hospital, 1890



**Mount Hamilton Hospital, 1932,
later known as the
Henderson Hospital and now,
The Juravinski Hospital & Cancer
Centre**

REFLECTIONS CONT'D

Over the past 50 years, the McMaster Department of Anesthesia has proven to be powerhouses in education, clinical practice and research. Major accomplishments include the first FHS department to initiate simulation-based learning and training (which has since grown into the multidisciplinary Centre for Simulation-Based Learning), one of the first specialty programs to transition to the Royal College's competency-based medical education, creation of the first iBook in anesthesia, and the international partnerships for anesthesia residency training in Haiti, Uganda and Guyana as well as recognition of our faculty with national teaching awards. Major advances in clinical practices include the establishment of the first medical acupuncture clinic for chronic pain care, and the creation of the contemporary medical acupuncture for health professionals program that has attracted local and international participants annually since 1998, the advancement of ultrasound-guided anesthesia, particularly the pioneering of the ESP block with international recognition, the establishment of the National Pain Centre and the Institute for Pain Research and Care, advances in chronic and multidisciplinary pain care as well as the use of transesophageal echocardiography and point of care ultrasound. Our faculty have also been recognized with national teaching and clinical practice awards.

We have had a tradition of ground breaking international research in pain, cardiac anesthesia, regional anesthesia and perioperative care to name but a few. Examples include the landmark paper published in Anesthesiology in 1990 by Dr. Jay Forrest (lead author) that was a multicentre prospective randomised trial of over 17,000 patients comparing outcomes of different general anesthetic agents (4) and involvement in the MAVS and POISE studies (3). With the tremendous growth in our research infrastructure and faculty over the past twenty years, we have also expanded our research networks, publications and multiple grant awards. This includes the SPOR networks on Chronic Disease, and the major CIHR grant for chronic pain as well as leading the national guidelines for opioid use and the awarding of the Canada Research Chair in the prevention and Management of Chronic Pain. There are merely some highlights as there many more accomplishments in the education, clinical and research realm that are too numerous to capture in this limited format.

We encourage everyone to delve back into our history to remind us of the proud traditions that provided the foundations for the McMaster Department of Anesthesia. We look forward to celebrating all the past and present members of the Department at the 50th Anniversary Gala Event on November 18 and all the exciting developments ahead!

- Dr. Anne Wong and Dr. Joel Hamstra

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SIMULATION THEN & NOW



Drs. Greg Peachey & Norm Buckley, 2005



Drs. Mike Parrish & Mark Czuczman, 2018

OPERATING ROOM THEN & NOW



MEMORIES OF THE DEPARTMENT OF ANESTHESIA 40TH ANNIVERSARY CELEBRATIONS



L-R: Drs. Bob Lee, Homer Yang, Don Catton, Angelica Fargas-Babjak, Norm Buckley, David Morison



Drs. Joanna Rieber, Iwona Zieba, Lori Olivieri



David Williams, Fred Arasteh, Dr. Eli Adly



Dr. Tal Schichor, Mrs. Diane Buckley, Dr. Meena Nandagopal



Dr. Gladys Peachey, Dr. Greg Peachey, Dr. John Centofanti, Dr. Justin Todd & Dr. Suzanne Lambert



Drs. Manyat Nantha-Aree & Cynthia Horner

Let's Make Memories at the 50th Anniversary!
See You There!



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