ISSUE 130 | WINTER | 2023-2024 ACADEMIC CALENDAR EDUCATION NEWS ROUNDS ACADEMIC NEWS 15 SPOTLIGHT 18 AWARDS, HONOURS & RECOGNITION 24 **ec** 1 **c** a FEATURE 26 THE LAST PAGE 30 Imaging McMaster University



MESSAGE FROM THE CHAIR Dr. Julian Dobranowski

> Medical Imaging

It is hard to believe that we are almost at the end of 2023 and will be welcoming in the new year in just a few weeks. We have had an excellent year in the Department of Medical Imaging; completing a successful five year report, welcoming two new Program Directors to lead our residency and undergraduate programs, celebrating past leaders in our department, seeing the Centre for Integrated and Advanced Medical Imaging (CIAMI) come to fruition, welcoming new faculty members, new residents and new fellows, and hosting our department Open House and first ever in-person holiday Medical Imaging Regional Rounds. Thank you to Dr. Ramiro Larrazabal for his continuing coordination of our rounds presentations! Having these rounds in person for the holidays was a wonderful way to bring our faculty members and learners together. We enjoyed Dr. Ali Yikilmaz's "Who Wants to be A Radiologist" game show

presentation and Dr. Milita Ramonas did a wonderful job as host for the evening.

Congratulations to our faculty members and learners who took part in the 2023 RNSA Annual General Meeting which recently took place at the end of November in Chicago. We had multiple medical students, residents, fellows and faculty members involved in this event, with some taking part in multiple presentations, exhibits and sessions.

I would also like to congratulate Dr. Hema Choudur, Dr. John Donnellan, Dr. Srini Harish and Dr. Naveen Parasu on their MacOrtho Unsung Hero Awards presented by the Division of Orthopaedic Surgery, Department of Surgery at McMaster. Being in receipt of this award proves that these four individuals have gone above and beyond their contributions to just our department! Amazing work!

Finally, to our department staff, our faculty, our learners, our university and hospital colleagues; I wish you all a safe, healthy and happy holiday season whichever holiday vou celebrate and a happy new year!

St. Joseph's Healthcare & Hamilton

Hamilton

Sciences

Health

Stay safe and All the Best,

Julian Dobranowski



Wishing you Happy Holidays and Best Wishes in 2024!

ACADEMIC CALENDAR



| Monday | Tuesday | Wednesday | Thursday | Friday | |
|----------|---------|---|----------|--------|--|
| | | | | 01 | |
| 04 | 05 | 06 Department of Medical Imaging Holiday OPEN HOUSE & REGIONAL ROUNDS (4:00pm-8:00pm) | 07 | 08 | |
| 11 | 12 | 13 | 14 | 15 | |
| 18 | 19 | 20 | 21 | 22 | |
| 25 | 26 | 27 | 28 | 29 | |
| ← | | ical Imaging Offi r on <u>Wednesday, J</u> | | | |

ACADEMIC CALENDAR - + C/ 15+ / / . "

| ACADEMIC CALENDAR | JAN | UARY | 2024 Vew | Jear |
|---|--|---|--|--------|
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 01 02 Department of Medical Imaging Office Holiday Closure Office will reopen on Wednesday, January 3rd, 2023 | | 03 Tenure & Promotion 3yr Renewal, Promotion to Associate Professor/ CAWAR Candidate Documents DUE! | 04 | 05 |
| 08 | 09 <i>Visiting Professor</i> <i>Dr. Mini Pakkal</i> <i>Cardiac Imaging</i> | 10 <i>Visiting Professor</i> <i>Dr. Mini Pakkal</i> <i>Cardiac Imaging</i> | 11 REGIONAL ROUNDS Dr. Ali Sabri & Dr. Katie Connolly CARDIAC AMYLODOISIS | 12 |
| 15 | 16 | 17 | 18 | 19 |
| 22 | 23 | 24 | 25 | 26 |
| 29 | 30 | 31 SENIOR RESIDENT SIMULATION DAY | | |

FEBRUARY 2024

| Monday | Tuesday | Wednesday | Thursday | Friday |
|-------------------------------------|--|--|----------|--------|
| | | | 01 | 02 |
| 05 | 06 <i>Visiting Professor</i> <i>Dr. Manas Sharma</i> <i>Neuroradiology</i> | 07 <i>Visiting Professor</i> <i>Dr. Manas Sharma</i> <i>Neuroradiology</i> | 08 | 09 |
| 12 | 13 | 14 | 15 | 16 |
| 19 HAPPY FAMILY DAY CANADA | 20 | 21 | 22 | 23 |
| 26 | 27 | 28 | 29 | |

URCC UPDATE UNDERGRADUATE RADIOLOGY CURRICULUM COMMITTEE

General Updates

The last few months have seen many changes for the Undergraduate Radiology Curriculum Committee. Dr. Danielle Walker has completed a 6 year term as the Program Director for the Undergraduate Radiology Program. During her time and among her many achievements, she not only developed a comprehensive radiology curriculum, but also opened up many opportunities for staff, fellows, and residents to contribute to undergraduate education. Dr. Natasha Larocque has also recently completed her term as Elective Director. During her tenure, she formalized the process for staff to get credit from the UGME office for medical student supervision. Thank you Dr. Walker and Dr. Larocque for your commitment and contributions to undergraduate education!

We now have many new faces on the URCC. **Welcome to our new staff members:** Dr. Oleg Mironov (Electives Director), Dr. Patrick Kennedy (Clerkship Integration Director), and Dr. Nanxi Zha (MF-3 Director). Welcome also to Dr. Arbaaz Patel (Resident Representative), John Bauer and Danish Zahid (Medical Student Representatives).

Recent Work

- April 14, 2023 MSK Radiology Speaker: Dr. Nicole Li (moderator: Dr. Adam Legge)
- ◊ Apr 24, 2023 MSK IARS Dr. Scott Caterine (moderator: Dr. Adam Legge)
- May 8, 2023 Neuroradiology Speaker: Dr. Alex Pozdnyakov (moderator: Dr. Zonia Ghumman)
- ◊ June 16, 2023 Neuro IARS Speaker: Dr. Evan Wilson (moderator: Dr. Zonia Ghumman)
- August 14-18, 2023 Radiology Bootcamp Organizer: Dr. Zonia Ghumman (presenters: Dr. Natasha Larocque, Dr. Prasa Gopee -Ramanan, Dr. Kathleen Hames, Dr. Ameya Kulkarni, Dr. Stephanie Lee, Dr. Adam Legge, Dr. Scott Caterine, and Dr. Alex Pozdnyakov)
- Sept 1, 2023 Introduction to Radiology Speaker: Dr. Akshay Wadera (moderator: Dr. Victoria Tan)
- Sept 8, 2023 Introduction to Thoracic Radiology Speaker: Dr. Vineeth Bhogadi (moderator: Dr. Victoria Tan)
- Oct 13, 2023 Reviewing Radiology Speaker: Dr. Prasa Gopee-Ramanan (moderator: Dr. Alex Pozdnyakov)
- Oct 20, 2023 Thoracic IARS Speaker: Dr. Scott Caterine (moderator: Dr. Mashael Alhrbi)
- Oct 30, 2023- Integrated Foundations IARS Speaker: Dr. Scott Caterine (moderator: Dr. Nanxi Zha)
- October 2023 McMaster 8th Annual Clinical Decision Making Conference Speaker: Dr. Khunsa Faiz

Just a sample of noteworthy feedback:

"Dr. Nicole Li was a wonderful presenter at introducing us to MSK radiology. I have found all of the previous radiology sessions so helpful and this was no different. It was a great pace, I loved the interactive nature with the polling, the questions being answered in the chat was really efficient, and overall it was a fantastic session."

"Genuinely one of the clearest lectures I've attended so far, the slides were easy to follow along and Dr. Wadera was a great speaker! Having someone else answering the questions in the Zoom call was very helpful and sending out the Q&A doc afterwards allowed me to focus on just the lecture content. Overall great lecture!!"

Upcoming Events

On November 22nd, Dr. Niharika Shahi will be hosted a virtual career night "You Are Too Social to be a Radiologist," to introduce medical students to a career in radiology. The panellists included Dr. Steffan Frosi Stella, Dr. Nanxi Zha, Dr. Katherine Li (R3), and Dr. Maria Gladkikh (R2).

Thanks to all of the staff, fellows, and residents for your contributions to undergraduate medical education!

Dr. Victoria Tan

Dr. Victoria Tan Undergraduate PD Dept of Medical Imaging

JUNIOR RADIOLOGY RESIDENT SIMULATION EVENT

On November 1st, 2023, the McMaster diagnostic radiology residency program hosted a simulation event for the PGY2s and PGY3s. Residents were able to develop and practice their skills in a variety of image-guided procedures including paracentesis, thoracentesis, CVL insertions, pediatric upper GIs, and fluoroscopic-guided lumbar punctures.

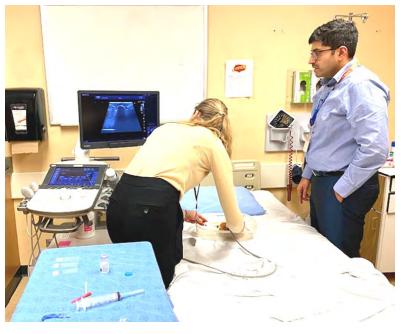
A big thank you to all radiologists who contributed to making this event possible: Dr. Maurice Voss, Dr. Santhosh Reddy, Dr. Heba Takrouri, Dr. Prasa Gopee-Ramanan, Dr. Ameya Kulkarni, Dr. Steffan Frosi Stella, Dr. Ajit Kishore, Dr. Courtney Chen, and Dr. Khunsa Faiz. Thank you also to Dana Hager and Korrie Biggs for

helping with the fluoroscopy and ultrasound machines. A final thank you to Anna Hwang for her assistance prior to and during the event and for taking great photos of residents in action! A special shout out to Dr. Dane Gunter who participated in the event with a broken foot!

Our next simulation event for the senior residents will take place on January 31st, 2023. If staff radiologists are interested in developing a simulation station or participating, please contact Dr. Larocque.

Thank you to everyone who made this event a great success!

Dr. Natasha Larocque McMaster Diagnostic Radiology Program Simulation Lead







JUNIOR RADIOLOGY RESIDENT SIMULATION EVENT









Save the Date & Register Now!

FIFTH ANNUAL DIAGNOSTIC & NEURO INTERVENTIONAL EDUCATION DAY

Friday, March 8, 2024 8:00 AM to 3:40 PM (EST) Hybrid Event



"Exploring Fundamentals of the Diagnosis and Management of CNS Vascular Pathologies"

The Department of Medical Imaging at McMaster University is pleased to invite you to attend our 5th Annual Diagnostic and Neuro Interventional Education Day. This will be a hybrid event held at the David Braley Cardiovascular Stroke Research Institute (Auditorium of PHRI's home) in Hamilton, Ontario and via Zoom on March 8th, 2024. There will be limited seating at the auditorium.

The agenda includes a selected group of outstanding guest speakers and moderators who will update us on neurovascular related topics. The agenda, speakers and registration page (opening shortly) are available at the event website: <u>https://www.macneuroradday.com/</u>

When: Friday, March 8th, 2024 | 8:00 am to 3:40 pm - EST | Hybrid event

Target Audience: Radiologists, Neuroradiologists, Neurosurgeons, Neurologists, Neuropathologists, Radiation Oncologists, Residents, Fellows, Physician Assistants, Nurse Practitioners, Allied Healthcare Providers.

Learning Objectives:

By attending this activity participants will be able to:

- 1. Use appropriate standard of care imaging in the diagnosis and follow up of patients with subarachnoid hemorrhage, vascular, tumoral, Head & Neck pathologies and other disease entities of the CNS.
- 2. Describe the recent advances in the treatment of common CNS pathologic conditions, with emphasis on indications and outcomes.
- 3. Have a group discussion of recent interesting cases from the neuro-interventional, neuroradiology, and stroke teams at the Hamilton General Hospital.

Moderators: Drs. Ramiro Larrazabal, Shauna Kennedy, Milita Ramonas, Crystal Fong

Speakers: Drs. Donatella Tampieri, Luciana Catanese, Brian van Adel, Maksim Son, Milita Ramonas, Nazir Khan, Luis Morillo, Brad David, Zehra Isik Hasiloglu

Download the agenda here

Save the Date!

FIFTH ANNUAL DIAGNOSTIC & NEURO INTERVENTIONAL EDUCATION DAY

Friday, March 8, 2024 8:00 AM to 3:30 PM (EST) Hybrid Event

Agenda

| Moderator – Dr. Ramir | o Larrazabal | Neuroscience Grand Rounds |
|--|---|--|
| 8:00 - 9:00 am | Neuroscience Rounds Treatment of Unruptured Aneurysms: How to keep minimally invasive at a minimum | Dr. Donatella Tampier |
| | Coffee Break | |
| Moderator - Dr. Shau | na Kennedy | Neurovascular Session |
| 9:05 - 9:10 am | Opening Remarks Diagnostic & Neuro Interventional Education Day | Dr. Julian Dobranowski Radiology Chair |
| 9:10 - 9:50 am | Distal EVT: When and How | Dr. Donatella Tampieri |
| 9:55 - 10:25 am | Current Use of CT Perfusion in Acute Stroke Management | Dr. Luciana Catanese |
| 10:30 - 11:00 am | Update on Endovascular Stroke Treatment | Dr. Brian van Adel |
| 11:05 - 11:25 am | Interesting Cases | Dr. Maksim Son |
| | LUNCH | 4 |
| Moderator - Dr. Milit | a Ramonas Reside | nts Posters and Research Wor |
| 12:25 – 13:45 pm Residents Posters and Research Work | | Dr. Milita Ramonas |
| Moderator - Dr. Crys | tal Fong | Update on Epilepsy |
| 13:50 - 14:20 pm | Diagnostic Imaging in Epilepsy | Dr. Nazir Khan |
| 14:25 - 14:55 pm | Clinical Approach in Epilepsy | Dr. Luis Morillo |
| 15:00 - 15:20 pm | Interesting Cases | Drs. Brad Davis & Zehra Isik Hasiloglu |
| 15:25 - 15:30 pm | 25 - 15:30 pm CLOSING REMARKS | |

VISITING PROFESSOR SERIES

In-person and on Zoom

Save the Date! Next Visiting Professor Rounds...

Dr. Mini Pakkal - Cardiac Imaging

Tuesday, January 9th & Wednesday, January 10th, 2024



Bharti Khurana, MD, MBA, FACR, FASER

Founding Director, Trauma Imaging Research & Innovation Centre Brigham and Women's Hospital Associate Professor of Radiology, Harvard Medical School, Harvard University Boston, MA

Thank you to Dr. Bharti Khurana for her November Visiting Professor series presentations on Trauma and Emergency Imaging. Dr. Khurana presented topics on, "Making the 'Invisible' Visible: Transforming the Detection of Intimate Partner Violence (IPV)", "Musculoskeletal Emergencies", and "Cervical Spine Trauma".

Our next Visiting Professor Rounds will take place on Tuesday, January 9th and Wednesday, January 10th and will feature Dr. Mini Pakkal, Associate Professor from the University of Toronto, who specializes in Cardiothoracic Imaging.

Flyer & registration details will be sent directly to you via email!

SAVE THE DATES - 2024

Tuesday, February 6th and Wednesday, February 7th, 2024 Dr. Manas Sharma - Neuroradiology

Wednesday, March 6th and Thursday, March 7th, 2024 Dr. Tanya Chawla - Abdominal Imaging

Tuesday, April 2nd and Wednesday, April 3rd, 2024 Dr. Anat Kornecki - Breast Imaging

Tuesday, May 14th and Wednesday, May 15th, 2024 Dr. Daria Manos - Thoracic Imaging

Tuesday, June 4th and Wednesday, June 5th, 2024 W Peter Cockshott Memorial Lecture Dr. Robert G. Lambert - MSK Imaging

Holidary MEDICAL IMAGING REGIONAL ROUNDS

The Department Open House and the in-person holiday Medical Imaging Regional Rounds took place on Wednesday, December 6th. Thank you to our **wonderful co-hosts** for the evening, **Dr. Milita Ramonas and Dr. Ali Yikilmaz** as well as our **amazing resident contestants**, **Lucy Samoilov**, **Scott Caterine and Brian Wang**! Thank you to the faculty members, residents, fellows, medical students and admins that were able to attend and who made the event all worthwhile!

Guests were treated to pizza, holiday baking and refreshments and were able to win a few prizes! Congratulations to our prize winners; Elton Law, who won the 'ice breaker challenge' by scoring the most points; Niharika Shahi and Maria Gladkikh who won during the 'wheel of fortune'; and Dr. Steffan Frosi Stella who won for guessing the closest to the number of Hershey Kisses without going over! Thank you to Dr. Ramiro Larrazabal as the Regional Rounds Coordinator, as we have another year of rounds complete! We look forward to hosting December Rounds in person again in 2024 and can only hope that more of our faculty members and learners will attend after hearing what a great event it was!



Holidary MEDICAL IMAGING REGIONAL ROUNDS





Pictured on the right (from left to right):
Dr. Scott Caterine, Resident Contestant,
Dr. Ali Yikilmaz, Co-Host
Dr. Milita Ramonas, Co-Host
Dr. Brian Wang, Resident Contestant
Dr. Lucy Samoilov, Resident Contestant



MEDICAL IMAGING REGIONAL ROUNDS

SAVE THE DATE!

<u>Next upcoming Rounds in January 2024!</u> Featuring: **Dr. Ali Sabri and Dr. Katie Connolly** Topic: **Cardiac Amylodoisis**

Flyer and Registration Details to be sent to Inboxes soon!

THANK YOU TO OUR PRESENTERS - November Rounds



We would like to thank Dr. Heba Takrouri and Dr. Michelle Batthish for their November Medical Imaging Regional Rounds presentation on, *"From Symptom to Scan: A Visual Journey through Juvenile Idiopathic Arthritis (JIA)"*.

Dr. Takrouri and Dr. Batthish provided an excellent presentation on Juvenile Idiopathic Arthritis covering objectives by reviewing the different subtypes of JIA and their clinical presentations, describing the common imaging findings of JIA and comparing the different imaging modalities used in the diagnosis and follow up care for JIA.

We thank our attendees for joining us for this informative presentation and hope that you can join again when we start back up with our Regional Rounds zoom series in January. Happy Holidays Everyone!

Radiology Rounds by Site 2023

| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY |
|--|--|--|---|--|--|
| ALL SITES | 0800 Resident Rounds | 1700 Peer Learning Education Rounds (2nd Tuesday/month) 0815 MSK ROUNDS (Zoom) | 0800 Resident Rounds | 0700 Hepatobiliary Rounds | 0800 Resident Rounds |
| JURAVINSKI HOSPITAL AND CANCER CENTRE | (Zoom) 1230 GI DST Rounds (Zoom) 1400 GIUP Rounds (JCC) 1600 Gyne/Onc Rounds (Zoom) | 1200 Rad/Path Breast Rounds (@ BAC) | 0800 Multidisciplinary Breast Rounds DST (3-88-JCC) *Resumes Sept 13th* | (Zoom) 0900 CNS Tumor Board 1000 Neuro Onc Rounds (Fellows) 1200 Resident Rounds (Zoom) 1310 Sarcoma Rounds (Zoom) | (all rounds in DI Confer- ence Rm) 1100 Head/Neck Rounds JCC 1200 Interesting Case Rounds (Zoom) |
| HAMILTON GENERAL HOSPITAL | 1200 Radiology Teaching Rounds | • • | (Theatre Auditorium) 1230 M&M Rounds (DI Classroom) set once a month | 0800 Stroke Rounds (David Braley Centre, General Campus, Auditorium) 0800 CNS Tumor Rounds (DI Classroom) once a month 0815 MSK Trauma Rounds (Zoom) 1130 Neuro Academic Half- Day Rounds 1230 Interesting Case Rounds | 0800 Neuroscience Rounds (David Braley Centre, General Cam- pus, Auditorium) 1200 Radiology Teach- ing Rounds |
| MCMASTER UNIVERSITY MEDICAL CENTRE | Pediatric Hot Seat Resident Rounds (scheduled mth to mth) 0800 Pediatric Tumor Board (Every 2nd week – 3F) 1200 Pediatric Neuroradiology Rounds (Room 3N50) | 1200 Adult Hot Seat Resident Rounds 1200 PVA Vascular Rounds (1st Tues. of the month) 1300 Neuro-oncology Rounds (3F) 1300 Rheumatology (2nd Tues. of each month) | 0800 Adult GI Rounds (Room 2S32) 1200 CPEP-Seizure Rounds (2nd Wed of the month) | 0800 Surg/Rad/Path (SRP) Rounds (3rd Thursday of each month—Room 2S32) 0900 Respiratory Rounds (2nd Thursday of each month) 1200 Adult Hot Seat Resident Rounds | other Friday) |
| ST. JOSEPH'S HEALTHCARE HAMILTON (All rounds in DI Conference Room TO102 unless otherwise specified) | 0730 Angio Access for Transplant Rounds (feasible Mon. bimonthly) 1200 Ultrasound Rounds (feasible Monday of each month) 1300-1400 Resident Rounds 1630-1730 Thyroid MCC Rounds (2nd Monday of each month) 1630-1730 Head & Neck MCC Rounds (4th Monday of each month) | 1200-1300 Interesting Case Rounds (1st, 3rd & 4th Tues- day of every month) ON PAUSE 1200-1300 QA Rounds (2nd Tues. of mth) ON PAUSE 1300-1400 Resident Rounds 1630-1730 Genitourinary MCC Rounds (1st and 3rd Tuesday | Rheumatology Rounds (every Wednesday) 1300-1400 Resident Rounds | 0730-0800 Colorectal Rounds 0800-0900 Breast Pathology Rounds 1200-1300 MRI Rounds (1st Thursday of every month) 1300-1400 Resident Rounds | 1200-1300 Lung MCC Rounds 1300-1400 Resident Rounds |



Applications are due March 19, 2024, for the Spring 2024 cohort.

This program has been co-developed by the McMaster Program for Faculty Development & McMaster Department of Medicine.

The ability to bridge between worlds as a leader is a must-have skill, but one that is rarely operationalized. For example, leaders in Canadian academic health sciences centres (AHSCs) are often invested in one of two sides: the university or hospital/health systems side. Rarely are the two worlds well bridged, and as a result, there is a growing divide between the academics and the hospital administrators of our AHSCs. The solutions for most problems, however, often require both parties within the leadership of the AHSCs to have a deep empathy and understanding of each others' priorities and interests.

Who Should Apply?

We hope that this program can allow leaders who hold dual citizenship roles (e.g. teacher and researcher, hospital leader and academic faculty, clinician and scientist, or others) to work on reconciling their two sides and to find ways to collaboratively seek solutions that are win-win for all involved. By participating in this program, we hope to help participants set the foundation to effectively lead in their academic, research, and clinical leadership roles

Learning Objectives

At the end of the program, participants will be able to:

- List key issues facing new and current leaders in academia, healthcare, and society.
- Add new skills to their basic toolkit for leading themselves, others, and their teams.
- Identify at least one leadership project that they can work upon and pitch to stakeholders.
- Articulate at least 3-5 new frameworks that they can use in their leadership practice.
- Create connections between leaders within the Faculty of Health Sciences.

Main Learning Sessions

April 16 – Overview to BLP, Leads Self, and Welcome Dinner (in person: 2 – 7 pm) May 7 – Engages Others (Virtual: 1 – 5 pm) May 28 – Achieves Results (Virtual: 1 – 5 pm) June 18 – Develops Coalitions (Virtual: 1 – 5 pm) July 9 – Systems change and Wrap-up (in person: 2 – 7 pm)

Additional Small Group Project Time will be asked of the team in the AM or PM on one of Tuesday, Wednesday, or Thursday.

thinkTank

MCMASTER EDUCATION RESEARCH, INNOVATION & THEOR

STRUGGLING WITH YOUR RESEARCH PROJECT? EDUCATION SCHOLARS WORKING ON A PROJECT OR RESEARCH DESIGN CAN REQUEST A CONSULT.

OUR EXPERT PANEL WILL HELP YOU NAVIGATE CHALLENGES,

REFINE METHODOLOGIES, AND ELEVATE YOUR RESEARCH TO NEW HEIGHTS! APPLICATIONS ARE ON A ROLLING BASIS.

REQUEST A CONSULT TODAY!







MACFACTS TEACHING OPPORTUNITY: Biomedical Engineering and Health Sciences Program

Dear FHS Colleagues,

I am one of the co-directors for the Integrated Biomedical Engineering and Health Sciences (IBEHS) program that is jointly offered between FHS and the Faculty of Engineering (<u>https://www.eng.mcmaster.ca/ibiomed</u>).

We are seeking mentors/facilitators from the Faculty of Health Sciences for the fall and winter terms for two of our courses, IBEHS 1P10 and IBEHS 4P04: Health Solutions Design Projects (<u>https://www.eng.mcmaster.ca/ibiomed/programs/course-listing</u>).

The time commitment is only 2 hours per week in person for approximately 10-12 weeks during term 1 (September-December) or term 2 (January-April). No preparation or formal teaching is required from our mentors.

These mentor hours will also count toward your educational contribution hours for your CV.

We understand that things come up, and we are also able to find another mentor to substitute if you are unable to attend one or two weeks during the term. This is not a problem!

The role of the mentor/facilitator in these courses is to provide general background knowledge of medicine and health. You don't require any specific content knowledge. There is no formal teaching required from a mentor, but rather guiding students, answering questions and probing their knowledge and understanding during their design studio tutorial times while students work on various design projects to address health problems. We also have mentors from the Faculty of Engineering to offer support and knowledge from an engineering perspective. Students work on various design projects throughout the term, for example: the design of a custom hip implant, a wearable device and an improved colostomy device.

If you are interested in joining our mentor team and interacting with students in Biomedical Engineering, we are seeking mentors for the following time slots:

Term 1 (September 5-December 6) for IBEHS 1P10:

Monday 12:30-2:20 pm Tuesday 12:30-2:20 pm Wednesday 12:30-2:20 pm Thursday 12:30-2:20 pm Friday 12:30-2:20 pm

Term 2 (January 9-April 10) for IBEHS 1P10:

Monday: 12:30-2:20 pm Tuesday 12:30-2:20 pm Wednesday 12:30-2:20 pm Thursday 12:30-2:20 pm Friday 12:30-2:20 pm

Term 1 (September 5-December 6) for IBEHS 4P04:

Monday 10:30 am-12:20 pm Tuesday 10:30 am-12:20 pm Wednesday 10:30 am -12:20 pm Thursday 10:30 am-12:20 pm Friday 10:30 am-12:20 pm

Thank you for considering this request. Please reach out with questions or interest to macdonml@mcmaster.ca.

Sincerely,

Michelle

Michelle MacDonald, PhD Associate Professor, Department of Biochemistry and Biomedical Sciences Co-Director, Integrated Biomedical Engineering and Health Sciences Program

ANNOUNCEMENTS



THANK YOU, DR. GORDON YIP; WELCOME, DR. DAVID LANDRY



Dr. Gordon Yip Outgoing Diagnostic Imaging Site Chief & Interventional Radiologist, HGH Associate Clinical Professor, Department of Medical Imaging, McMaster University

On behalf of all of us in the Department of Medical Imaging, we would like to congratulate and thank Dr. Gordon Yip for his leadership and commitment in the role of Site Chief for Diagnostic Imaging at the Hamilton General Hospital.



"This month marks the last month for Dr. Gordon Yip as the Site Chief at the Hamilton General Hospital site, having completed 10.5 years in this role. He has approached this position with passion, caring and dedication, attending many meetings before, between and after his busy interventional radiology days. Many meetings and situations arose during his time off with family and for all of this, we are grateful. Gordon has always been a strong advocate for the General site, inclusive of support staff, technologists, nurses and radiologists. He shared many ideas for improvement, provided helpful insight for situations and managed what in many instances can be a challenging role. Thanks to Gordon!"

- Dr. Karen Finlay, Chief of Diagnostic Imaging HHS





Dr. David Landry Incoming Diagnostic Imaging Site Chief & Staff Radiologist HGH Associate Professor, Department of Medical Imaging, McMaster University Congratulations to Dr. David Landry as he has been named as Dr. Yip's successor as Site Chief for Diagnostic Imaging at the HGH which he will begin in the new year! As we all know, Dr. Landry is no stranger to leadership, as the previous Program Director for our Diagnostic Radiology Residency Program. His background as a leader in our academic department sets him up to excel in his upcoming new role as site chief!

"I would like to announce that Dr. David Landry has been appointed as the incoming Site Chief for the Hamilton General. He commences this role January 1st. David brings with him his extensive experience as an able education leader in our department. He has established strong relationships across the city, both within the Diagnostic Radiology sphere, as well as in many other departments. His sharp wit, collaborative nature and ability to see through challenging situations will serve us well in this role. He joins a strong leadership team in the department. Welcome aboard David!

Medical Imaging

ANNOUNCEMENTS



The Department of Medical Imaging is excited to announce the addition of two new staff radiologists joining our faculty complement in the new year. In early January 2024, we will welcome Dr. Shamis Hasan and Dr. Andrew Nanapragasam into our ranks as new Assistant Professors!

Please provide both Dr. Hasan and Dr. Nanapragasam a warm welcome at their home sites!

Welcome Dr. Shamis Hasan, New Neuroradiologist joining Hamilton General Hospital!



Dr. Shamis Hasan New Faculty Assistant Professor & Staff Neuroradiologist starting January 2024 Hamilton General Hospital site

Dr. Shamis Hasan will be joining the staff radiologists at the Hamilton General Hospital. Dr. Hasan has completed schooling and training all over the world, starting at University of Toronto for his BSc, followed by Northumbria University Newcastle in the UK for a diploma in higher education. He completed his MD (Magna cum laude) at St. George's University School of Medicine in Grenada, West Indies, followed by a preliminary internal medicine residency at the University of Massachusetts Medical School; the completion of a diagnostic imaging residency at University of Toledo Medical Centre and followed by the completion of his neuroradiology fellowship from McGaw Medical Centre of Northwestern University!

His interests involve head and neck imaging and advanced brain imaging techniques. In his spare time he enjoys playing sports, trying new cuisines and travelling.

Dr. Hasan will be starting in early January at the HGH site. Please join the department in welcoming Dr. Shamis Hasan into our ranks!

Welcome Dr. Andrew Nanapragasam, New MSK Radiologist joining Juravinski Hospital!



Dr. Andrew Nanapragasam New Faculty Assistant Professor & Staff Radiologist (MSK) starting January 2024 Juravinski Hospital site

Dr. Andrew Nanapragasam will be joining the staff radiologists at the Juravinski Hospital site and specializes in musculoskeletal imaging. Dr. Nanapragasam comes to us originally from the United Kingdom however has spent the last two years as a clinical fellow at the University of Toronto. Dr. Nanapragasam completed his radiology residency at Newcastle & King's Hospitals in the UK before coming to Canada for the completion of his two fellowships; the first in musculoskeletal imaging and second in abdominal imaging. He is the co-founder of a radiology flashcard app, which is currently in development, and is an online flashcard application for learning radiology using evidence-based techniques! He is also the co-founder of 'Radiology Nation' (www.radiologynation.com) which is an educational radiology website with a large multi-platform social media following.

His interests include football (European not American), architecture and photography. He is very much looking forward to joining our faculty at McMaster University, exploring the local areas and is keen to hear about some great places to eat!

Please join us in providing a warm welcome to Dr. Andrew Nanapragasam!

Medical Imaging

CONGRATULATIONS IRONWOMAN DR. LORI STEWART

This year, Dr. Lori Stewart completed the pinnacle of triathlon events in Hawaii - the 2023 Women's Ironman World Championship. This incredible event is considered the ultimate test for physical, mental and emotional strength, resilience and endurance in the world! The event took place in Kailua Kona, Hawaii on Saturday October 14th.

The race consisted of: 3.9 km open water swim, 180.2 km cycle, followed by a marathon run of 42.2 km. All in the setting of heat, wind and mountainous terrain. Wow - well done Lori!

Dr. Karen Finlay

Congratulations, to **Dr. Lori Stewart**, Associate Clinical Professor, Department of Medical Imaging and Staff Radiologist, Juravinski Hospital, on her outstanding life achievement of completing the Ironman 2023 Women's World Championship!

This is a HUGE accomplishment within the sport and in athletics across the globe! AMAZING!



Dr. Stewart at the race in Kailua Kona, Hawaii - Oct. 14th, 2023

Department Chair, Dr. Julian Dobranowski, was recently featured in the Fall 2023 Mohawk College Community Magazine "MOMENTUM" for the department's collaborative work on CIAMI—Centre for Integrated and Advanced Medical Imaging located at McMaster University.

This unique model of healthcare was created with partners including McMaster University and the Department of Medical Imaging, Mohawk College, Hamilton Health Sciences and St. Joseph's Healthcare Hamilton as well as involvement from the provincial government to solve clinical, educational and research challenges in advanced medical imaging.



CAR Journal



Canadian Association of Radiologists L'Association canadienne des radiologistes

Reviewer Mentorship Program - Dr. Jason Yao, PGY-3 Resident

The Canadian Association of Radiologists Journal has accepted Dr. Jason Yao, PGY-3 resident in our Diagnostic Radiology Residency Program, as one of two radiology residents to participate in their 'Reviewer Mentorship Program" for the CAR Journal! *"Reviewer mentees are supervised by the CARJ Editorial Board and Standing Committee members and perform four mentored reviews per year in their subspecialty of interest. Each mentored review includes evaluation of existing literature and in-depth discussion with a mentor."*

This is an amazing accomplishment by Dr. Yao and we wish him much success!



Canadian Association of Radiologists

The CAR Journal is excited to welcome two participants for this year's Reviewer Mentorship Program: Dr. Sarah Chibane and Dr. Jason Yao!

Dr. Chibane is a radiology resident at McGill University. She has a special interest in medical education and global health and will be working with mentor Dr. Matthew McInnes.

Dr. Yao is a third-year radiology resident at McMaster University. Alongside his residency, he is currently pursuing a Masters of Biomedical Innovation at McMaster University. Dr. Yao will be working with mentor Dr. Sebastian Mafeld.

Congratulations to Dr. Chibane and Dr. Yao!



MCH Diagnostic Imaging HALLOWEEN HYJINX





•

For Your Information...

MCMASTER UNIVERSITY UPDATES/NEWS

Jon Stokes' research on AI tackling superbugs was named one of the year's top discoveries by The New York Times

McMaster named one of Hamilton-Niagara's top employers

McMaster welcomes new Canada Excellence Research Chair in biosensing and molecular diagnostics

Tradition meets innovation: Generative AI in McMaster classrooms

Meet McMaster's Provost Council

McMaster scholars elected Fellows of the Royal Society of Canada

McMaster breaks ground on its largest, most innovative student residence

Research hub for vision health receives prestigious Brockhouse Canada Prize

FACULTY OF HEALTH SCIENCES

Reaffirming our support and commitment to our full community

Celebrating 30 years of midwifery education at McMaster and in Ontario

McMaster faculty named to list of most influential researchers

What is antimicrobial resistance? Understanding the global health



If you feel well, please donate blood: www.blood.ca





CONGRATULATIONS MacORTHO AWARD RECIPIENTS! Drs. Choudur, Donnellan, Harish and Parasu!

The Department of Medical Imaging is extremely proud to congratulate **Dr. Hema Choudur** (HGH), **Dr. John Donnellan** (MCH), **Dr. Srini Harish** (SJH) **and Dr. Naveen Parasu** (JH) on their individual receipt of the Division of Orthopaedic Surgery's **MacOrtho Unsung Hero Award**!

"The MacOrtho Unsung Hero Award holds a special place in our community as it recognizes individuals like you, whose significant contributions go above and beyond expectations. This award celebrates extraordinary individuals who selflessly devote their time and efforts to others, inspiring the entire MacOrtho community. This year, the award has been presented to four outstanding radiologists Your dedication and unwavering support have not only enhanced the fabric of our division but have also set a benchmark for others to aspire to. Your actions exemplify the true spirit of the MacOrtho Unsung Hero Award, and we are genuinely grateful for the positive impact you have made on our community!"

Please help us to **CONGRATULATE** these four amazing radiologists who make it apparent that our collaborative efforts make a difference! Amazing work!



Dr. Naveen Parasu Dr. Hema Choudur Dr. John Donnellan Dr. Srini Haroh









Pictured above from left to right:

Dr. Olufemi Ayeni, Head of Orthopaedic Surgery, Dr. Hema Choudur, Dr. Naveen Parasu, Dr. Dale Williams, Associate Division Head

Pictured to the left: Dr. Srini Harish, Dr. John Donnellan



The Department of Medical Imaging is also pleased to **congratulate Dr. Hema Choudur** on her receipt of the **Certificate of Honour** at the 11th Annual Conference of the Musculoskeletal Society of India in 2023 which was held in Lucknow, India. Dr. Choudur has spent much of the past decade providing international collaboration with the MSK Society of India and has been honoured for her dedication to this work. She has worked to enhance global healthcare initiatives in our department and hopes to inspire our junior faculty members to get involved by reaching out to other countries around the world!

This award is *"to honour Dr. Hema Choudur for her contribution and exemplary work towards the growth of the Musculoskeletal Society (MSS) over the past several (11) years"*. The award was presented to Dr. Choudur by the Deputy Chief Minister and Education Minister of Uttarakhand, India and the Vice Chancellor of Lucknow University at the conference.



Congratulations!!!! 2023 SJHH RESIDENT EXCELLENCE AWARD WINNERS!



Dr. Daniel Mannina PGY 5 Resident Diagnostic Radiology Residency

Dr. Daniel Mannina & Dr. Niharika Shahi

Congratulations to Daniel Mannina, PGY 5 Resident, and Niharika Shahi, PGY 4 Resident, as they were both 2023 SJHH Resident Excellent Award winners and were recently recognized at the 2nd annual SJHH Learning Pillar week by the Office of Education and Learning and the Medical Staff Association.

The SJHH Resident Excellence award is to recognize the critical role that Residents/Fellows undertake at St. Joseph's Healthcare Hamilton (SJHH). It is intended to honor outstanding Residents/Fellows who embody the finest aspects of professionalism, dedication to education and learning, and a dedication to SJHH.



Dr. Niharika Shahi PGY 4 Resident Diagnostic Radiology Residency

SHOUT OUT and THANK YOU to DRS. DHAMANASKAR, AL-ARNAWOOT & GOPEE–RAMANAN!

Dr. Ameya Kulkarni has provided the "SHOUT OUT" below to his fellow colleagues for their participation in an international MRI teaching course for Indian Radiology.

"Thank you Dr. Kavita Dhamanaskar, Dr. Amna Al-Arnawoot and Dr. Prasa Gopee-Ramanan for joining me to participate in the Online MRI Teaching course by Dr Deepak Patkar from Indian Radiologist. The course was well attended by participants from India and some of the neighbouring countries. In addition to our speakers from McMaster university, there were approximately 40+ International speakers at this event. Thank you for making it a great success!"

- Dr. Ameya Kulkarni, JH Staff Radiologist





DR. ALI YIKILMAZ PRESENTS LIVE IN UKRAINE

9th National Congress of the Association of Radiologists of Ukraine

Dr. Ali Yikilmaz visited Ukraine to give a talk at the 9th National Congress of the Association of Radiologists of Ukraine. He preferred to give the talk in person instead of virtual to show our support and solidarity. He was the only international speaker who attended the meeting in person. This is a fantastic example of our department being globally engaged.

He also visited "Okhmatdyt" National Children's Hospital in Kyiv which is largest pediatric hospital in the country. He gave a lecture and attended their rounds. After his visit, Dr. Yikilmaz has started regular overseas case rounds with the Radiology Department via Zoom to support their service with one of our residents, Dr. Alex Pozdnyakov.

To see Dr. Yikilmaz's full story, click here: https://youtu.be/8IoD7h-DABs







Medical Imaging





RADIOLOGICAL SOCIETY OF NORTH AMERICA—ANNUAL GENERAL MEETING

Presenters and Exhibitors from the Department of Medical Imaging, McMaster University

This year the Department of Medical Imaging at McMaster University was extremely well represented at the Radiological Society of North America Annual General Meeting that took place in Chicago last week. We had a number of presenters and exhibitors including faculty, fellows, residents and medical students! **Congratulations to all that were involved**! Please see some of the presentations and scientific exhibitions included below!

Patil NS, Huang R, Caterine S, Varma V, Mammen T, Stubbs E.

Al chatbots' ability to provide accurate information relevant to the informed consent process prior to musculoskeletal radiology procedures.

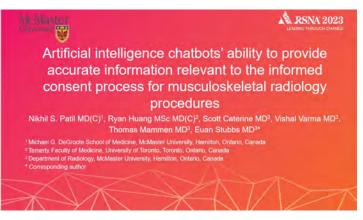
Oral presentation at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 26-30, 2023.

Elmi N, McEvoy D, Alabousi M, McInnes MDF, Hecht EM, Asghar S, Jajodia A, Lins de Carvalho T, Warnica WJ, Zha N, van der Pol CB.

The Association of Pancreatic Cystic Lesions on MRI with a Future Diagnosis of Pancreatic Carcinoma: Systematic Review.

Oral scientific presentation. Radiology Society of North America (RSNA) 2023 Annual Meeting. Chicago, IL, United States.

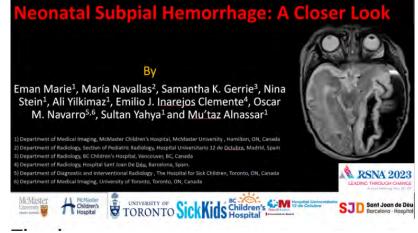
** Nika Elmi was awarded the RSNA Trainee Research Prize!



Yao J, **Patil NS**, Huang R, Caterine S, Larocque N, van der Pol C, Stubbs E.

Artificial intelligence chatbots' understanding of the risks and benefits of computed tomography and magnetic resonance imaging with and without contrast.

Oral presentation at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 26-30, 2023.



Dr. Eman Marie, MCH Peds Radiologist collaborated on 5 Educational Exhibits at this year's RNSA!

- Neonatal Subpial Hemorrahage: A Closer Look
- The Many Faces of Pediatric LCH: A Pictorial Review
- Imaging Approach to Neurometabolic Imaging
- Pediatric Coronary Artery Anomalies
- Ultrasound Evaluation of Pediatric Hand Trauma: From One through Five



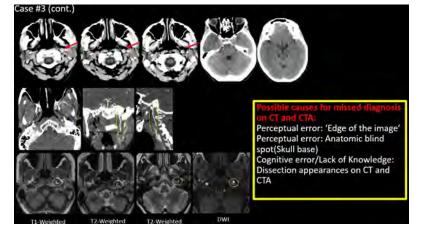
RADIOLOGICAL SOCIETY OF NORTH AMERICA—ANNUAL GENERAL MEETING

Presenters and Exhibitors from the Department of Medical Imaging, McMaster University

Vu T A, Ghuman M

Emergency Neuroradiology Misses and Misinterpretation: Case Examples and Lessons Learned

Education Exhibit at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 26-30, 2023.



Siddiqi M, Bergin B, Phung J, Fong C, van Adel B, Algird A

Determining the functional outcome of patients presenting with a large volume stroke without endovascular intervention to a level 1 Stroke Center: Single Center Retrospective Review.

Poster Discussion at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 26-30, 2023.

Zukotynski K - The Revolution in Alzheimer's Disease Therapy is Finally Here: What Does the Radiologist Need to Know?

Continuing Education Speaker, Scientific Session at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 30, 2023.

Zukotynski K - Nuclear Medicine and Molecular Imaging (Neuroradiology and Head/Neck)

Keynote Speaker, Scientific Session at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 29, 2023.



Bhogadi V, Yahya S, Fong C, Rebello R

The Jugular Foramen: Approach to Tumoral and Non-tumoral Pathologies

Education Exhibit at Radiological Society of North America Annual Meeting. Chicago, United States of America. November 26-30, 2023.



The Canadian Association of Nuclear Medicine Association canadienne de médecine nucléaire

CANADIAN ASSOCIATION OF NUCLEAR MEDICINE NEWSLETTER <u>"Case of the Month" featuring DR. OLFAT KAMEL HASAN</u>

AUTHOR

Dr. Olfat Kamel Hasan, FRCR, FRCPC

Nuclear Medicine and Molecular Imaging Physician Hamilton Health Sciences and St. Joseph's Healthcare Hamilton, Ontario McMaster University





Dr. Olfat Kamel Hasan, a nuclear medicine physician and Assistant Professor in our department and joint faculty member of the Department of Medicine, has her own "Case of the Month" section in the Canadian Association of Nuclear Medicine Newsletter! Since January 2023, Dr. Kamel Hasan has been providing a new case for readers in the CANM Newsletter which we are now including here as well! Please help us to congratulate Dr. Kamel Hasan on this achievement! We look forward to including her CANM "Cases" and links in each of our upcoming issues!

CASE OF THE MONTH N11

Case of the Month 11

Hot Spot Sign in F-18 FDG PET

by Dr Olfat Kamel Hasan

31-year-old female patient with relapsing Hodgkin's lymphoma presented with a bulky mediastinal mass and left-sided pleural effusion. No history of radiation therapy. F-18 FDG PET scan was performed after injecting the tracer in the right antecubital vein post 2 cycles of salvage GDP, for response assessment.

QUESTIONS:

Describe the finding in the liver and give a differential diagnosis

From my desk to yours... Wishing you a happy holiday and all the best in 2024!

HRA Holiday Party

I had the pleasure of attending the Henderson Radiology Associates Holiday Party on Saturday, December 9th at Carmen's! It was a great time with good food, lots of laughs and dancing with conga line! Everyone 'got down' on the dance floor and there were some impressive moves!

I'm certain that all in attendance had a wonderful time!

Thanks to the JH Radiologists' for hosting a wonderful evening! Already looking forward to next year!

Check this out...CTV NEWS

<u>'We're inside the patient,</u> <u>looking directly at the tumour:</u> <u>Gaming experience aids surgery'</u>

Amazing CTV news article featuring the latest in medical imaging advancements!

Published December 8, 2023

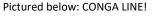


I hope you all have a wonderful time spent with family and friends over the holiday season! Wishing you ALL THE BEST and Happy New Year!

Kindly, Tori

SUBMISSIONS DUE for SPRING NEWSLETTER: Monday, February 19th, 2024

Do you have a Feature, NEW PUBLICATION, OR SHOUT OUT TO SHARE? Email: <u>howesjov@mcmaster.ca</u>



Dr. Scott Tsai and Dr. Ameya Kulkarni



Dr. Naveen Parasu, Dr. Erik Jurriaans, Dr. Brian Yemen, Dr. Lori Stewart, Dr. Karen Finlay,



