



Congratulations to our Graduates!

Medical Imaging



MESSAGE THIS MONTH
FROM THE CHAIR



An important part of the academic year is when we can celebrate the success of our residents and fellows in completing their training at McMaster.

Congratulations to our fantastic graduates:

Residents

- ◇ **Mostafa Alabousi** - Fellowship in Women's Imaging, UHN, University of Toronto
- ◇ **Claire Burrows** - Fellowship in Neuroradiology, UHN, University of Toronto
- ◇ **Hussam Kaka** - Fellowships in Neuroradiology, UHN, University of Toronto & Interventional Radiology, Stanford University
- ◇ **Darya Kurowecki** - Fellowship in Women's Imaging, UHN, University of Toronto
- ◇ **Mirek Mychajlowycz** - Fellowship in Interventional Radiology, QEII Hospital, Dalhousie University
- ◇ **Ravi Shergill** - Fellowship in Musculoskeletal Imaging, Juravinski Hospital & St. Joseph's Healthcare Hamilton, McMaster University

- ◇ **Sultan Yahya** - Fellowship in Neuroradiology, Hamilton Health Sciences & St. Joseph's Healthcare Hamilton, McMaster University
- ◇ **Nanxi Zha** - Fellowship in Breast & Body Imaging, Juravinski Hospital, McMaster University

Fellows

We wish them all the best as they start their professional work jobs or continue in their professional training.

- ◇ **Alaa Alhazmi** - Breast Cross Sectional
- ◇ **Rabab Al Mansoori** - Cross Sectional
- ◇ **Ari Damla** - Musculoskeletal
- ◇ **Khunsa Faiz** - 2 yr. Neuroradiology
- ◇ **Ruben Geevarghese** - Interventional
- ◇ **Ankush Jajodia** - Cross Sectional
- ◇ **Adam Jakhio** - Cross Sectional
- ◇ **Adam Legge** - Musculoskeletal
- ◇ **Matthew Lubanovic** - Cross Sectional
- ◇ **Gabriela Meglei** - Breast CS
- ◇ **Christopher Wilks** - Cross Sectional
- ◇ **Madheea Siddiqi** - Neuro 2-year residency (PGY 6/7)
- ◇ **Hajar Almutairi** - Breast CS - Sept/22

Watch for the fall newsletter for updates on our fellows!

As we try to find some normality in our professional and personal lives, it seems that normality remains an elusive dream. Now more than ever we need to be strong for our patients and for ourselves. We monitor the Monkeypox situation, we monitor the war in Ukraine and we stay vigilante.

A very real local challenge is to find away to manage the IV contrast supply shortage. Efforts are being made to risk manage the situation at the hospital, regional and provincial levels. To be successful this will again require all of us to come together to find and to implement solutions. Updates will be provided on future steps.

Have a great summer and stay safe,

Julian Dobranowski

ACADEMIC FACULTY CALENDAR



2022 June



Monday	Tuesday	Wednesday	Thursday	Friday
		01 RAD Residents Annual GOLF DAY!	02 <i>Congrats</i> Residents Graduation Dinner CONGRADS!	03
06	07 <i>6:00pm</i> Visiting Professor HOOKER AWARD LECTURER Prof Steve Halligan	08 <i>7:30am & 12:00pm</i> Visiting Professor HOOKER AWARD LECTURER Prof Steve Halligan	09	10
13	14	15	16 <i>5:30pm-6:30pm</i> Regional Rounds TBD	17
20	21 	22	23	24
27	28	29	30	JULY 1 

Congratulations Graduates!



Mostafa Alabousi

Fellowship:

University Health Network
University of Toronto
Women's Imaging



Claire Burrows

Fellowship:

University Health Network
University of Toronto
Neuroradiology



Hussam Kaka

Fellowship:

University Health Network
University of Toronto
Neuroradiology &
Stanford University
Interventional Neuroradiology



Darya Kurowecki

Fellowship:

University Health Network
University of Toronto
Women's Imaging



Mirek Mychajlowczyk

Fellowship:

QEII Hospital
Dalhousie University
Interventional Radiology



Ravi Shergill

Fellowship:

Juravinski Hospital &
St. Joseph's Healthcare
McMaster University
Musculoskeletal Imaging



Sultan Yahya

Fellowship:

Hamilton Health Sciences &
St. Joseph's Healthcare
McMaster University
Neuroradiology



Nanxi Zha

Fellowship:

Juravinski Hospital
McMaster University
Breast and Body Imaging

Congratulations to our 2022 Graduating Class! *It was an eventful residency for our largest graduating class in years!!! Our group decided residency wasn't hard enough so a few decided to start families, get married, complete a Master's degree, break a limb week's before their wedding day AND many had Covid! I want to thank all of them for their flexibility and senior leadership as we navigated the impacts of global pandemic on our McMaster community.*

I am pleased to see that we will have an IN-PERSON graduation on Thursday, June 2nd, 2022 at Dundas Valley Golf & Country Club! We wish them all the best as they transition to the next stage of their radiology careers!



UPDATE



Check out the links from the “MCMMASTER UP-

[At long last, a chance to cross the stage!](#)

[Click here for all our convocation coverage and a video with Chancellor Santee Smith](#)

[A guide to McMaster convocation traditions](#)



[iSci grad Maryanne Oketch wins it all on Survivor 42](#)



'We're not surprised': Warm memories and congrats from people who knew Maryanne Oketch during her time at Mac.

[It's National AccessAbility Week](#)



[Tom Wilson donates his archive to McMaster](#)

[Meet McMaster's spring 2022 honorary degree recipients](#)

[Updates to McMaster's COVID-19 safety](#)

[Congratulations to six new University Scholars](#)

[Thank you for supporting the Day of Giving](#)



COMPETENCE BY DESIGN *Starting July 2022*

Workplace based assessments and ‘coaching in the moment’ will be cornerstones of our CBD curriculum. But what can we anticipate in terms of the time required to complete an individual resident’s assessment form? The Queen’s Diagnostic Radiology program has been the first to transition to a CBD/CBME curriculum and provides us some insight (see below). Their study suggests an average of ~3 minutes per assessment. This small daily investment in timely, specific, and actionable feedback/coaching will provide our residents with personalized learning goals and ensure our competence committee has a complete picture of their performance and progress through the different training stages.



Yoan Kagoma, Associate Program Director (CBME Lead) (kagomay@hhsc.ca)



Competence
by Design

www.royalcollege.ca/cbd

Analyzing the Administrative Burden of Competency Based Medical Education

Kevin Cheung, BScH, DC¹ , Christina Rogoza, EdD²,
 Andrew D. Chung, MD³, and Benjamin Yin Ming Kwan, MD³

Abstract

Purpose: Postgraduate residency programs in Canada are transitioning to a competency-based medical education (CBME) system. Within this system, resident performance is documented through frequent assessments that provide continual feedback and guidance for resident progression. An area of concern is the perception by faculty of added administrative burden imposed by the frequent evaluations. This study investigated the time spent in the documentation and submission of required assessment forms through analysis of quantitative data from the Queen’s University Diagnostic Radiology program. **Methods and Materials:** Data regarding time taken to complete Entrustable Professional Activities (EPA) assessments was collected from 24 full-time and part-time radiologists over a period of 18 months. This data was analyzed using SPSS to determine mean time of completion by individuals, departments, and by experience with the assessment process. **Results:** The average time taken to complete an EPA assessment form was 3 minutes and 6 seconds. Assuming 3 completed EPA assessment forms per week for each resident ($n = 12$) and equal distribution among all staff, this averaged out to an additional 18 minutes of administrative burden per staff member over a 4 week block. **Conclusions:** This study investigated the perception by faculty of additional administrative burden for assessment in the CBME framework. The data provided quantitative evidence of administrative burden for the documentation and submission of assessments. The data indicated that the added administrative burden may be reasonable given mandate for CBME implementation and the advantages of adoption for postgraduate medical education.

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VISITING PROFESSOR SERIES via ZOOM

HOOKER AWARD LECTURER

TUESDAY, JUNE 7th AND WEDNESDAY, JUNE 8th, 2022



Professor Steve Halligan

Professor & Radiologist
Head of the Centre for Medical Imaging
University College London
London, United Kingdom

Tuesday, June 7th, 2022 - 6:00 pm

“Why I Became a Breast Radiologist: How to Survive a Mid-Life Crisis”

Wednesday, June 8th, 2022 - 7:30 am

“How to Evaluate Imaging Biomarkers Properly”

Wednesday, June 8th, 2022 - 12:00 pm

“Imaging Fistula-In-Ano”

W PETER COCKSHOTT MEMORIAL LECTURER

MUSCULOSKELETAL

TUESDAY, JUNE 28th AND WEDNESDAY, JUNE 29th, 2022



Dr. Mark Cresswell

Department of Radiology
University of British Columbia
Vancouver, BC Canada

Tuesday, June 28th, 2022 - 6:00 pm

“Pearls I Would Like to Have Told My Younger Self”

Wednesday, June 29th, 2022 - 8:45 am

“Bread and Butter MSK: “Shoulder Ultrasound: How to Make it Ridiculously Simple”

Wednesday, June 29th, 2022 - 12:30 pm

“Interventional Techniques: Cells, Cytokines and Magic”

***PLEASE NOTE:
Visiting Professor
time changes for
Wed. June 29th
presentations!****



VISITING PROFESSOR SERIES via ZOOM



Thank you to Dr. James Fraser for his Visiting Professor Cardiac Imaging Presentations on Tuesday, May 3rd and Wednesday, May 4th. Dr. Fraser covered topics on "Adult Cardiac Left to Right Shunts", "Cardiac CT for Non-Ischemic Disease" and "Imaging of Connective Tissue Diseases".

A BIG thank you also goes out to Dr. Sat Somers and Marilyn Scott for organizing and promoting the Visiting Professors series each month, year after year!!!

SAVE THE DATES 2022-2023

Tuesday, June 28th & Wednesday, June 29th 2022 - W Peter Cockshott Memorial Lecture- Dr. Mark Cresswell, MSK (see meeting details on previous page)

Tuesday, October 4th & Wednesday, October 5th, 2022 - Dr. Timo Krings, Neuroradiology

Tuesday, November 1st & Wednesday, November 2nd, 2022 - Dr. Felipe Munera, Emergency Radiology

Tuesday, January 10th & Wednesday, January 11th, 2023 - Dr. Leslie Scoutt, Obstetrics & Gynecology

Tuesday, February 7th & Wednesday, February 8th, 2023 - Dr. Jonathon Leipsic, Cardiac

Tuesday, March 7th & Wednesday, March 8th, 2023 - Dr. Judy Yee, Abdominal

Tuesday, April 4th & Wednesday, April 5th, 2023 - Dr. Diana Litmanovich, Chest

Tuesday, May 2nd & Wednesday, May 3rd, 2023 - Dr. Jean Seely, Breast

Tuesday, June 6th & Wednesday, June 7th - W Peter Cockshott Memorial Lecture Dr. Bruce Forster, Musculoskeletal

Unless otherwise noted, the times for the series are as follows:

Tuesday presentations 6:00 pm - Wednesday presentations, 7:30 am and 12:00 pm



Diagnostic Imaging Regional Rounds

Please join us for the next Regional Professor Rounds

PLEASE NOTE:

Information for June and/or July to be sent to your INBOXES

Thank You to Dr. Gastaldo & Dr. Szalay

We would like to thank Dr. Fernando Gastaldo and Dr. David Szalay for their May Regional Rounds presentation, "Management of Aortic Aneurysms, Clinical & Radiological Perspective". Dr. Gastaldo and Dr. Szalay covered objectives; indications for treatment and pre-treatment imaging and options for treatment and post-treatment imaging. They provided an excellent presentation with great images throughout. Thank you also to our new co-chief residents, Vishal Varma and Nicole Li, for their participation and as always our admin team!

Management of Aortic Aneurysms, Clinical & Radiological Perspective

Dr. Fernando Gastaldo
Associate Professor,
Department of Radiology,
McMaster University
Interventional Radiologist
Hamilton General Hospital, HHS

Dr. David Szalay
Associate Professor,
Department of Surgery,
McMaster University
Vascular Surgeon
Hamilton General Hospital, HHS

Objectives

1. Indications for Treatment & Pre-Treatment Imaging
2. Options for Treatment & Post-Treatment Imaging

Diagnostic Imaging Regional Professor Rounds May 12th, 2022 | 5:30 p.m.

McMaster

SAVE THE DATE

Join us for the next Regional Rounds

Thursday, July 14th - Dr. A. Alabousi and Dr. Z. Piotr



ACADEMIC UPDATE:

Residency Program

Dr. David Landry

Program Update: Diagnostic radiology residency program continues to navigate our educational curriculum during the COVID pandemic. I want to thank all residents and faculty who have transitioned their clinical and educational roles to ensure the residency program continues to meet training needs of our residents.

The observant among you will note that this is how I started my June 2021 update on radiology residency program. Somethings unfortunately have stayed the same despite the passage of another academic year. However, there is “light at the end of the tunnel” with return to in-person visiting professor lectures (May / June 2022) and in-person graduation dinner (June 2, 2022)!!!

Competence by Design CBD: Our biggest item on the near horizon is shift in our radiology training program from CanMEDS to CBD. CBD framework shifts mindset from postgraduate year (PGY) designations into stages of training: Transition to Discipline, Foundation of Discipline, Core of Discipline and Transition to Practice with more impactful evaluation tools to guide training.

I am indebted to have Dr. Yoan Kagoma as our CBD radiologist lead. Great strides have been made over the last year to lay the foundation for our new educational curriculum. Please continue to follow Yoan’s regular updates in the newsletter.

We look forward to welcoming our first CBD resident cohort starting July 1, 2022!

10 years..... As the end of June 2022, I would like to acknowledge my 10 years as program director. I am very grateful to have worked with a dynamic group of radiologists and residents. I would like to acknowledge a few of them:

- ◇ Dr. Finlay – providing the program building blocks during her 10+ years as PD on which I have been able to stand.
- ◇ Dr. Koff and Dr. Dobranowski – unwavering support from the Chair’s office to allow our program to flourish.
- ◇ RPC Members - SJH (Dr. So, Harish, Alabousi), MCH (Dr. Ainsworth, Alnassar, Stein), JH (Dr. Elder, Tsai, Ramonas), HGH (Dr. Dilanni & Moffatt)
- ◇ HHS/SJHH Radiologists – Dr. Kagoma (CBD lead), Dr. Walker (Undergrad Program Lead), Dr. S. Lee (Retreat lead), Dr. Larocque (Sim Lead), Dr. So/Mensinkai (Career Night MC’s)

I am sure I have forgotten a few but will no doubt continue to add names to this list given the motivated radiologists committed to the success of our residency program.

Have a great summer!!!

PGY-1 RADIOLOGY RESIDENTS

Please join us in welcoming our incoming Radiology Residents starting July 1, 2022!



Maria Gladkikh (Ottawa)



Ibrahim Nadeem (McMaster)



Alex Koziarz (U of T)



Taha Elghamudi (McMaster)



Arbaaz Patel (McMaster)



Dane Gunter (IMG - Ireland)



Diagnostic Radiology
Class of 2022

Hussam Kaka
Nanxi Zha
Ravi Shergill
Claire Burrows

Darya Kurowecki
Mirek Mychajlowycz
Mostafa Alabousi
Sultan Yahya

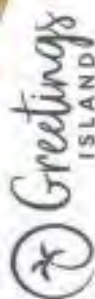
Please join us while we celebrate the graduation
of our residents and fellows

Thursday June 2nd at Dundas Golf and Curling Club
10 Woodleys Ln, Dundas Ont, L9H 6Y6

Venue opens at 5:30pm
Cocktails at 6pm
Dinner at 7pm

\$45.00

R S V P by May 26 to dalton@hhsc.ca





RADIOLOGY RESEARCH DAY

Wednesday, April 27th, 2022

8:00 AM to 4:00 PM EST

Virtual Event

Announcing
the
WINNERS...

Congratulations! Research Day Winners!

The Department of Radiology held the Annual Radiology Research Day on Wednesday, April 27th, 2022. It was a success, hosting registrants from all sites and from the diagnostic imaging community. This year's event was held virtually once again to maximize those able to attend and due to lingering Covid protocols at the time.

Research Day 2022 Winners

Residents:

1st : Zachary Hugh -

'Classification of Musculoskeletal Radiograph Requisition Appropriateness using Machine Learning'

2nd : Daniel Mannina - *'Benign versus Malignant Breast Lesions on Ultrasound: Association with Greyscale, Shear Wave Elastography and Texture Analysis Features'*

Fellows:

1st : Christopher Wilks - *'Combined Thermal Ablation and Embolization for The Treatment of Hepatocellular Carcinoma: A Retrospective Review in A Tertiary Cancer Center'*

2nd : Matthew Lubanovic - *'Evaluating Accuracy of Prostate MRI in Predicting Extraprostatic Extension - A Retrospective Review'*

Graduates:

1st : Joshua McGillivray - *'Novel Complex Representation of Resting-State fMRI for Pediatric Concussion Assessment'*

2nd : Nicholas Simard - *'Investigating Sex Differences and Brain Aging in resting state fMRI (rs-fMRI) 'Big Data''*

Undergraduates:

1st : Jonathan Bellini - *'Student Perceptions of Radiology in the McMaster Medical School Undergraduate Curriculum: A Focus Group'*

2nd : Fadi Esttaifo - *'The Correlation Between FLAIR White Matter Hyperintensity and Cognitive Function: A Retrospective Study'*



Radiology Rounds by Site 2021

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
ALL SITES		1700 Peer Learning Education Rounds (2nd Tuesday/month)			
JURAVINSKI HOSPITAL AND CANCER CENTRE	<p>1200 Rad/Path Breast Rounds (@ BAC)</p> <p>1230 GI DST Rounds (Zoom)</p> <p>1400 GIUP Rounds (JCC)</p> <p>1600 Gyne/Onc Rounds (Zoom)</p>	<p>0815 MSK ROUNDS (Zoom)</p> <p>1200 Resident Rounds (Zoom)</p>	<p>0800 Resident Rounds</p> <p>0800 Multidisciplinary Breast Rounds DST (3-88-JCC) *Resumes Sept 13th*</p>	<p>0700 Hepatobiliary Rounds (Zoom)</p> <p>0900 CNS Tumor Board</p> <p>1000 Neuro Onc Rounds (Fellows)</p> <p>1200 Resident Rounds (Zoom)</p> <p>1310 Sarcoma Rounds (Zoom)</p>	<p>0800 Resident Rounds (all rounds in DI Conference Rm)</p> <p>1100 Head/Neck Rounds JCC</p> <p>1200 Interesting Case Rounds (Zoom)</p>
HAMILTON GENERAL HOSPITAL	1200 Radiology Teaching Rounds	<p>0700 Spine Rounds</p> <p>0800 Regional Cardiology Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>0815 MSK Tumor Rounds (DI Classroom)</p> <p>1200 Radiology Teaching Rounds</p> <p>1200 Stroke & Neurovascular Rounds (DI Classroom, Rm 2-158)</p> <p>1600 Trauma Rounds (Theatre Auditorium) M&M Rounds 1st Tues. of month</p>	<p>0730 Vascular Rounds (5N Teaching Room)</p> <p>0800 Arrhythmia Rounds (Theatre Auditorium)</p> <p>1230 M&M Rounds (DI Classroom) set once a month</p>	<p>0800 Stroke Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>0800 CNS Tumor Rounds (DI Classroom) once a month</p> <p>0815 MSK Trauma Rounds (Zoom)</p> <p>1130 Neuro Academic Half-Day Rounds</p> <p>1230 Interesting Case Rounds</p>	<p>0800 Neuroscience Rounds (David Braley Centre, General Campus, Auditorium)</p> <p>1200 Radiology Teaching Rounds</p>
MCMASTER UNIVERSITY MEDICAL CENTRE	<p>Pediatric Hot Seat Resident Rounds (scheduled mth to mth)</p> <p>0800 Pediatric Tumor Board (Every 2nd week – 3F)</p> <p>1200 Pediatric Neuroradiology Rounds (Room 3N50)</p>	<p>1200 Adult Hot Seat Resident Rounds</p> <p>1200 PVA Vascular Rounds (1st Tues. of the month)</p> <p>1300 Neuro-oncology Rounds (3F)</p> <p>1300 Rheumatology (2nd Tues. of each month)</p>	<p>0800 Adult GI Rounds (Room 2S32)</p> <p>1200 CPEP-Seizure Rounds (2nd Wed of the month)</p>	<p>0800 Surg/Rad/Path (SRP) Rounds (3rd Thursday of each month—Room 2S32)</p> <p>0900 Respiratory Rounds (2nd Thursday of each month)</p> <p>1200 Adult Hot Seat Resident Rounds</p>	<p>1200 GI Ped Rounds (Room 2S32—Every other Friday)</p> <p>**NOTE: Pediatric Resident Rounds are scheduled on a month by month basis - day/time is not always the same**</p>
ST. JOSEPH'S HEALTHCARE HAMILTON <small>(All rounds in DI Conference Room TO102 unless otherwise specified)</small>	<p>0730 Angio Access for Transplant Rounds (feasible Mon. bimonthly)</p> <p>1200 Ultrasound Rounds (feasible Monday of each month)</p> <p>1300-1400 Resident Rounds</p> <p>1630-1730 Thyroid MCC Rounds (2nd Monday of each month)</p> <p>1630-1730 Head & Neck MCC Rounds (4th Monday of each month)</p>	<p>0800-0900 Vascular Difficult Access Rounds (1st Tuesday of each month)</p> <p>1200-1300 Interesting Case Rounds (1st, 3rd & 4th Tuesday of every month) ON PAUSE</p> <p>1200-1300 QA Rounds (2nd Tues. of mth) ON PAUSE</p> <p>1300-1400 Resident Rounds</p> <p>1630-1730 Genitourinary MCC Rounds (1st and 3rd Tuesday of every month)</p>	<p>1200-1300 MSK Radiology Rheumatology Rounds (every Wednesday)</p> <p>1300-1400 Resident Rounds</p>	<p>0730-0800 Colorectal Rounds</p> <p>0800-0900 Breast Pathology Rounds</p> <p>1200-1300 MRI Rounds (1st Thursday of every month)</p> <p>1300-1400 Resident Rounds</p>	<p>1200-1300 Lung MCC Rounds</p> <p>1300-1400 Resident Rounds</p>



VIRTUAL CPD CONFERENCE



HEALTH SCIENCES
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MacNeurology

Excellence in Care, Education, and Research



MARK YOUR CALENDAR

FRIDAY,
JUNE 3
2022

TIME: TBD

1/2 day in
McMaster
NEUROLOGY
Clinical Update

TARGET AUDIENCE

Family Physicians, Specialists, Internists,
Hospitalists, Physician Assistants, Nurse
Practitioners, Registered Nurses, Clinicians,
Residents, Students, and Other Health
Professionals.

For Information

SHAWN LOCKE, Event Coordinator
Continuing Professional Development Office (CPD)
McMaster University
lockes1@mcmaster.ca
chse.mcmaster.ca

Subscribe to our emails

to receive full details and notification
when registration opens by visiting

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ANNOUNCEMENT

INAUGURAL ASSOCIATE CHAIRS OF RESEARCH DEPARTMENT OF RADIOLOGY

I am pleased to announce the appointment of Dr. Katherine Zukotynski & Dr. Michael Noseworthy as the inaugural Associate Co-Chairs of Research for the Academic Department of Radiology.

Dr. Zukotynski and Dr. Noseworthy will collaboratively embark on the exciting, yet challenging journey of building the research profile for our department. They bring a unique combination of training, leadership, and system perspectives that, paired together, will propel medical imaging research at McMaster University to inspirational levels.

As the inaugural Associate Co-Chairs of Research for our department, both Dr.'s Zukotynski and Noseworthy were part of the faculty team that built our department's Strategic Plan and have an intimate understanding of, and commitment to achieving our departmental goals and priorities related to research.

We had a competitive applicant pool and I want to thank faculty members who applied; all of whom add immeasurable value to medical imaging research in their current roles. I am beyond grateful to the diverse search committee for their time, commitment and thoughtful input to the search process and their deep appreciation for the mission of our department and what we have set to achieve for our research portfolio.

Please join me in welcoming Dr. Zukotynski and Dr. Noseworthy to the Academic Department of Radiology leadership team as Associate Co-Chairs of Research. We look forward to working with both of you and benefitting from your leadership and experience.

Sincerely,

Dr. Julian Dobranowski
Chair, Department of Radiology
Faculty of Health Sciences, McMaster University



INAUGURAL ASSOCIATE CHAIRS OF RESEARCH

DEPARTMENT OF RADIOLOGY

Dr. Katherine Zukotynski and Dr. Michael Noseworthy

Dr. Katherine Zukotynski is a professor in the Department of Radiology and a member of the division of Nuclear Medicine. Professor Zukotynski has clinical appointments at several hospitals in Hamilton and abroad. She is also an Associate Member in the School of Biomedical Engineering at McMaster University.



Her background is in Engineering Science. She is a Fellow of the Royal College of Physicians and Surgeons of Canada in both Diagnostic Radiology and Nuclear Medicine, a Fellow of the American College of Nuclear Medicine and a Professional Engineer. She holds board certifications from the American Board of Radiology, the American Board of Nuclear Medicine and the Board of Nuclear Cardiology. Dr. Zukotynski completed a PhD in dementia imaging analysis through the Institute for Biomaterial and Biomedical Engineering at the University of Toronto in 2020.

She holds over \$7M in research funding, has coauthored over 100 publications in peer reviewed journals, 20 book chapters and is editor of 1 book.

Dr. Michael Noseworthy, PhD, Peng, received an M.Sc. from the University of Guelph for work in the evaluation of anaesthetic hepatotoxicity using MRI, transmission electron microscopy (TEM) and in vivo ³¹P-NMR. Professor Noseworthy also obtained a PhD from University of Guelph (1997) specializing in applications of MRI/NMR and electron paramagnetic resonance (EPR) methods to assess free radical induced brain damage.



From 1997-1999, he was a postdoctoral fellow in Imaging Physics, Sunnybrook Health Sciences Centre (Toronto) working on the evaluation of tissue microvasculature through development of correlative MRI and energy dispersive X-ray microanalysis (EDXS). In January 2000 to August 2003 Professor Noseworthy worked as an MRI physicist at The Hospital for Sick Children and University Health Network (UHN), Toronto, and was Assistant Professor in Medical Biophysics and Medical Imaging, University of Toronto. He was recruited to St. Joseph's Healthcare and Brain-Body Institute, McMaster University in August 2003.

Following 3 years as an Assistant Professor in Radiology and Medical Physics at McMaster, Dr. Noseworthy obtained a tenure-track assistant professor position in Electrical & Computer Engineering at McMaster University, where he currently resides as a full professor. He was the Co-Director of the School of Biomedical Engineering (from 2010 to 2020) and has been Director of Imaging Physics and Engineering at the Imaging Research Centre, St. Joseph's Healthcare, Hamilton since 2003. Dr. Noseworthy holds a Special Professional Staff appointment at St. Joseph's Healthcare in both Radiology and Nuclear Medicine.

He has received funding from numerous sources including NSERC, CIHR, CFI and ORF, has published almost 160 peer reviewed papers, over 300 conference papers and had supervised over 75 graduate students and postdocs. Dr. Noseworthy is Co-Founder and Director of TBIfinder (<https://tbifinder.com>).



ANNOUNCEMENTS

DIAGNOSTIC IMAGING SITE CHIEF, HGH

Dr. Gordon Yip, Site Chief for Diagnostic Imaging at Hamilton General



On behalf of the Medical Advisory Council and Dr. Karen Finlay, Chief of Diagnostic Imaging, we are pleased to share that Dr. Gordon Yip has kindly agreed to and has received a one-year extension in his position as Diagnostic Imaging Site Chief at Hamilton General Hospital. We are extremely fortunate to have Dr. Yip remain as the Site Chief until June 30, 2023.

We would like to thank Dr. Yip for his continued dedication and leadership in this position and we very much appreciate his willingness to remain for another year! Thank you Dr. Yip!

NEW INTERIM DS BUSINESS COORDINATOR

Kelly Peck, Interim Business Coordinator, Diagnostic Services



On behalf of Diagnostic Services, we are pleased to announce that Kelly Peck has accepted the temporary Business Coordinator Expression of Interest for DS. Kelly has been a dedicated member of the Diagnostic Services team for 20 years in a variety of roles, including Booking Clerk and more recently as an Editor. Kelly's broad Diagnostic Services knowledge and experience along with her solutions-based approach to challenges will no doubt serve her well in this position.

Kelly started in her new role on May 11, 2022. Congratulations Kelly on your new appointment.



Cheryl Malcolmson, MES Manager, DS - Retiring after 43 years!!!



It is with mixed emotions that we announce the retirement of Cheryl Malcolmson, MES Manager, Diagnostic Services, HHS. Cheryl has had a 43 year career in Diagnostic Services at Hamilton Health Sciences! Cheryl's worked 20 years as an MRT with expertise in most diagnostic imaging modalities, followed by over 20 years as a Diagnostic Imaging site manager. Cheryl is most recently known for her leadership in launching the MES Partnership, which is the largest global program of its kind. Her passion for the patients, commitment to the DI teams and wealth of knowledge will be missed!

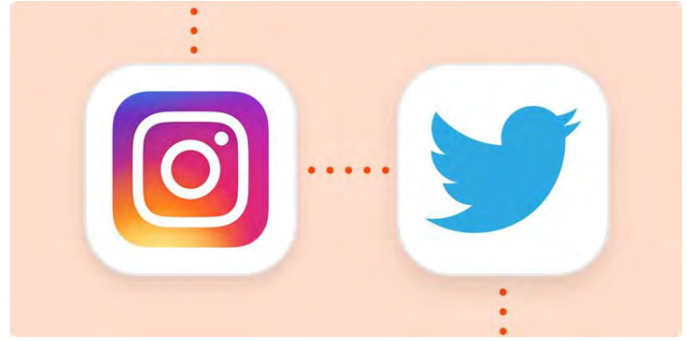
We wish Cheryl all the best in her retirement!

Congratulations Cheryl on a very successful career and a very well-deserved retirement! HAPPY RETIREMENT! CONGRATS!

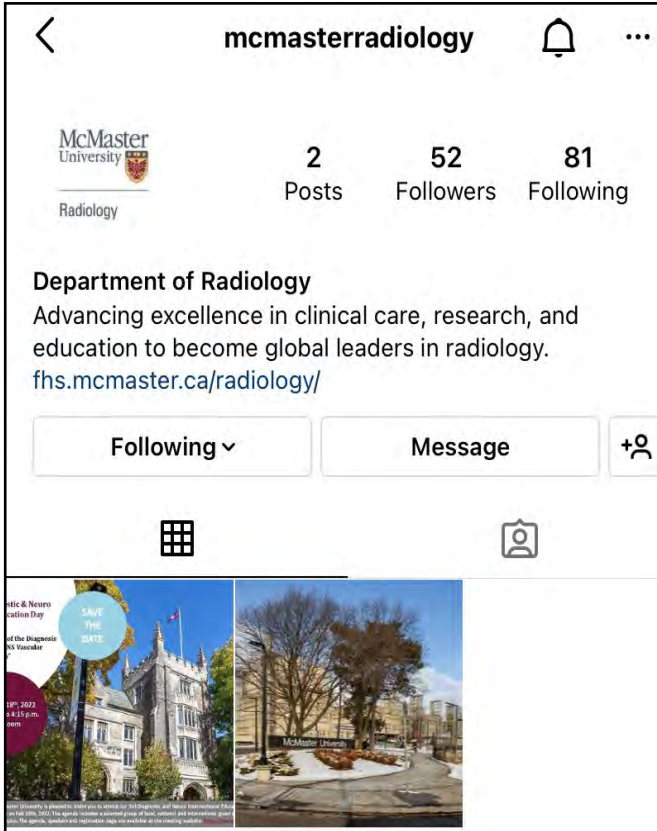




SPOTLIGHT



...now on Social Media!



McMaster University Department of Radiology is now on Social Media!

The Department of Radiology at McMaster University is proud to announce that we are now available on Instagram and Twitter social media.

Faculty members, staff and students are all welcome to follow the Department of Radiology on [Twitter](#) and [Instagram](#) to receive updates on upcoming news and events.

Instagram - @mcmasterradiology:
<https://www.instagram.com/mcmasterradiology/>

Twitter - @MacRadiology:
<https://twitter.com/MacRadiology>

News and upcoming events can also be promoted across all the Department of Radiology social media accounts.
To coordinate your post, please contact:

Program Coordinator Hina Zahid; zahidh6@mcmaster.ca

COMING SOON...

Department of Radiology NEW Website!



Announcement to come...Stay Tuned!



SPOTLIGHT



DALHOUSIE
UNIVERSITY

FACULTY OF MEDICINE

Physician Leadership Workshop for Women in Radiology

SAVE THE DATE!

Saturday, January 21, 2023



For more information and on how to REGISTER!
[MacKids Walk & Wheel](#)

For Your Information...

For current COVID-19 UPDATES please check the HHS HUB!

Information on the Monkeypox Virus

As you may be hearing in the media recently, there is currently a cluster of monkeypox cases in Canada (Montreal), the USA, UK, Portugal, Germany, Belgium, and Spain. Many of these individuals have no travel link to areas where the disease is endemic.

As per current practice, patients with a vesiculopapular rash, should be immediately isolated in Contact/Droplet/Airborne Precautions on presentation. This accounts for monkeypox and varicella infection, the most important differential diagnosis.

[Read more](#) - HHS Sparrow

Hamilton Health Sciences to continue its masking mandate

The [provincial announcement](#) lifting most masking requirements in Ontario by March 21, includes a provision that masking will remain in effect for some high-risk settings, such as hospitals. HHS will therefore continue to require everyone who enters our hospitals to wear a mask.

- ⇒ Medical masks will still be provided at hospital entrances.
- ⇒ Visitors and patients who choose to wear their own clean, well-fitting mask (N95 or KN95) will be permitted to do so.
- ⇒ Individuals who refuse to properly wear a mask will not be permitted entry.

Staff, physicians and learners will still have to abide by current PPE requirements, including wearing a mask.

Some key reasons for this decision reflect the need for healthcare workers to do all they can to protect vulnerable patient populations at our sites, and to protect themselves from exposures.

HHS will continue to work with its regional hospital partners to ensure alignment and take epidemiological trends into consideration for the next evolution of our PPE requirements.

Support for Epic Login or Access Issues

If you're having login issues or trouble accessing Epic, please submit a ticket via HITS myIT.

Go to your Citrix menu and click on the HITS myIT icon.

Once open, type EPIC in the search bar and click on Epic - Offering to complete the form.

Full instructions [available here](#). (Link in Citrix)





SHOUT OUT to one of our newest faculty members -

Dr. Paulo Polanco!

Congratulations to Dr. Paulo Polanco!
Dr. Polanco joined the Department of Radiology and St. Joseph's Healthcare Hamilton earlier this year, specializing in neuroradiology. He recently presented 2 educational posters at the ASNR in New York City (May 14 - 18, 2022) alongside neuroradiologists of different universities from Canada, the United States and Spain. His group also won the "International Recognition Award: Spain" for their poster "Enlargement of the Facial Canal: Variants and Underlying Pathology".

Dr. Paulo Polanco
Associate Professor
McMaster University
Staff Neuroradiologist
SJHH



Enlargement of the Facial Nerve Canal: Variants and Underlying Pathology

Willem Calderon¹, Paulo Puac², Juan Carlos Tortajada¹, Carlos Zamora³, Mauricio Castillo³, Àlex Rovira¹

¹Hospital Universitari Vall d'Hebron, Barcelona, Spain
²McMaster University, ON, Canada
³University of North Carolina at Chapel Hill, USA

Teratomas of the Brain, Spine & Head/Neck: Imaging Appearances

Willem Calderon¹, Paulo Polanco², Cristina Auger¹,
Karla Jonquitud³, Jorge Balderrama³, Carlos Zamora⁴,
Mauricio Castillo⁴, Àlex Rovira¹

¹Hospital Universitari Vall d'Hebron, Barcelona, Spain
²McMaster University, ON, Canada
³Instituto Nacional de Neurología y Neurocirugía, Mexico City
⁴University of North Carolina at Chapel Hill, USA



CONGRATULATIONS to PGY5 graduating resident,

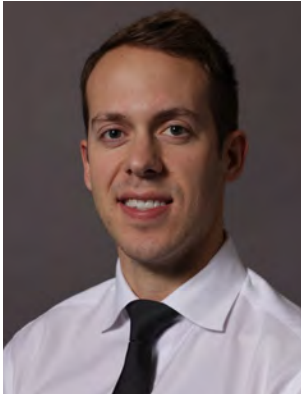
DR. MOSTAFA ALABOUSI

as he has been awarded the
Medical Staff Association's

**2021 Outstanding Resident Award in the
Department of Diagnostic Imaging/Radiology!**



YOU DID IT!
CONGRATULATIONS!



CONGRATS! Dr. Christian van der Pol

Please join the Department of Radiology in congratulating **Dr. Christian van der Pol** on his receipt of the **RSNA Research Scholar Grant!** This is a major accomplishment and we are proud to support Dr. van der Pol in all of his research studies!

“Dear Dr. van der Pol,

The RSNA Research & Education Foundation’s study sections have completed the reviews of the 2022 grant applications. I am happy to report that your Research Scholar Application application was among the top-ranked and approved for funding by the R&E Board of Trustees – Congratulations!...”

Keisha Osley, Assistant Director, Grant Administration
RSNA R & E Foundation

Congratulations once again Dr. van der Pol!

Dr. Christian van der Pol
Assistant Professor, Dept of Radiology,
McMaster University
Staff Radiologist
Juravinski Hospital and Cancer Centre
Hamilton Health Sciences



HHS DI MILESTONES!

A BIG congratulations and shout out to our Hamilton Health Sciences DI milestones for May!

Congratulations to:

30 years! Patricia Walsh - Computed Tomography, JH

15 years! Sarah-Jane Adams - Director, Diagnostic Services, HHS

15 years! Meaghan Jefferson - Ultrasound, MUMC

15 years! Lyndsay Kowalyk - DI Manager, HGH

15 years! Charles Meli - DI Administration, HHS

15 years! Rosemarie Russell - Diagnostic Services Central Booking Office, HHS

10 years! Eric Ricker - DI Manager, MCH/MUMC/UCC

5 years! Samantha van Every - Computed Tomography, JH

5 years! Lori Cabral - Ultrasound, WLMH

5 years! Tara Deana - MRI, JH

5 years! Madeline Easveld - Computed Tomography, JH

5 years! Alison Husack - XRay, JH

5 years! Samantha Reimer - Computed Tomography, HGH

5 years! Sarah Zuccolo - Ultrasound, MCH/MUMC



Recent Publications



Analysis of Spatial Heterogeneity of Responses in Metastatic Sites in Renal Cell Carcinoma Patients Treated with Nivolumab

Ankush Jajodia, Varun Goel, Nivedita Patnaik, Sunil Pasricha, Gurudutta Gupta, Ullas Batra, Vineet Talwar

Tomography 2022, 8, 1363–1373. <https://doi.org/10.3390/tomography8030110>

Dr. Ankush Jajodia

Body/Cross-Sectional Fellow
Department of Radiology
McMaster University
St. Joseph's Healthcare Hamilton/
Juravinski Hospital and Cancer Centre

ABSTRACT

Background: The purpose was to determine whether tumor response to CPI varies by organ and to characterize response patterns in a group of surgically treated metastatic RCC patients treated with Nivolumab. **Methods:** A retrospective analysis was undertaken between January 2016 and March 2020 on patients receiving Nivolumab for metastatic RCC, following first-line therapy and having at least one baseline and two follow-up scans. A Fisher's exact test was used to compare categorical variables, and a Kruskal–Wallis test was used to compare continuous variables. **Results:** Twenty-one out of thirty patients evaluated were eligible, and they were divided into two groups: responders ($n = 11$) and non-responders ($n = 10$). According to all iRECIST standards, 18 (85.7 percent) of the 21 patients had PD (10 patients), PR (3 patients), or SD (8 patients). At baseline, 7, 15, 4, 13, 7, and 7 patients, respectively, had detectable hepatic metastasis and lung, brain, lymph node, soft tissue, and other intra-abdominal metastases; these patients were evaluated for organ-specific response. The ORRs for hepatic metastasis and lung, brain, lymph node, soft tissue, adrenals, and other intraperitoneal metastases were correspondingly 10%, 20%, 35%, 0%, and 25%. In total, 13 (61.9%) of them demonstrated varied responses to CPI therapy, with 6 (28.5%) demonstrating intra-organ differential responses. The lymph nodes (35%) had the best objective response (BOR), followed by the adrenals and peritoneum (both 25%), the brain (20%), and the lung (20%). The response rate was highest in adrenal gland lesions (2/4; 50%), followed by lymph nodes (13/19; 68.4 percent) and liver (5/10; 50%), whereas rates were lowest for lesions in the lung (9/25; 36%), intraperitoneal metastases (1/4; 25%), and brain (1/5; 20%). **Conclusions:** In renal cell carcinoma, checkpoint inhibitors have a variable response at different metastatic sites, with the best response occurring in lymph nodes and the least occurring in soft tissue.

Baby News!



Welcome Rory Walker McDonough!

Congratulations to Dr. Danielle Walker and family as they welcomed their newest family member to the party, Rory Walker McDonough!

Rory was born on May 6, 2022 at 9:06am, weighing 6 lbs. 13 oz.!

Dr. Walker and Rory are at home, doing great and enjoying family time!

CONGRATS McDonough Family of Five!



Summer is almost upon us and this is the final Medical Imaging News-letter for the 2021-2022 academic year! Thank you to everyone who submitted this year; without you there would be no news to report!

Please enjoy your summer vacations and stay safe! Back in September!

Tori



DO YOU HAVE A STORY
IDEA TO SHARE?

Email: howesv@hhsc.ca