



the radiology report

Volume 1, Issue 1, May 2016

Program Director

Update

Greetings ComRADs! I welcome you to our first newsletter. I wanted to celebrate our achievements and collect them in one place. I think as a discipline we produce a lot of

great scholarly work. As your program director, I want to take time to recognize this and put it in print for you all to see. This is my first time doing this, I tried my very best to be as inclusive as I could. I greatly apologize if I left anyone out! Please contact me, and let me know for the next time. It's only through communication and collaboration with each

other that we can continue to approve.

This newsletter has a variety of small articles and news for you to peruse. The first version was actually too long, so stay tuned for a second issue later this summer. Of course the focus of our newsletter is on one of the biggest strengths of our program, and that's our residents. Residents, for any

future issues, if you have things to contribute I certainly welcome them. Throughout the upcoming year, encourage you to take any photographs and socials. Any pictures of you presenting, or standing proudly next to your poster will gladly be collected here.

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Message from the Program

Administrator

It's the end of "Residency Road", destination: "Radiologist Place"!

Well, here you are...at the corner of "Radiologist Place". It's where you've worked so hard to be. Congratulations to you... our outgoing PGY5 residents, Dr. Andrew Ho, Dr. Sarah Pittman, Dr. Christopher Nicholas, Dr. Christopher Smith. We wish you the very best of luck in the weeks and months to come as you enter fellowships in

various specialties of your choice. Although, we know it's been a difficult time while you study hard and prepare for your exams... IT's also an EXCITING TIME...!!

A word of thanks to you all from me, for taking the time to help out whenever I needed it, even if you were swamped when I called – you answered. It may have taken a few days, weeks, topped off with numerous reminders, BUT you did it - and for that I am grateful. I've enjoyed our one on one chats about the "other things", that are not work related, these conversations certainly gave me a laugh on numerous occa-

sions. You are fine, intelligent individuals who I have enjoyed getting to know over the past five years.

I look forward to working with those of you who have plans to return as staff, but even if you plan to work elsewhere, I wish you many years of a rewarding career, topped off with sporadic amounts of nagging from yours truly.

I look forward to reading about your accomplishments in the years to come, awards, publications and ground-breaking research advancements.

Keep in touch, and congratulations on a residency well done!

Welcome to our new PGY1 Radiology Residents!

It's the beginning of "Residency Road"... destination "Radiologist Place"

Introducing and extending a warm welcome to our new PGY1 residents, Daniel Duggan, Courtney Bull, and Jason Retallick. We are so pleased to have you join our Radiology Residency Program here at Memorial. I'm sure you are thinking how daunting this new chapter in your career may be, rest assured - there are many others who, for the first time; struggled to put on that very same lead

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Welcome CaRMS Matches!

The Memorial Discipline of Radiology extends a warm welcome to our future PGY1s! Here is a quick intro to each of them and now you have a face to match the names!

Jason Retallick



Hello everyone. I grew up in Fredericton, and completed a B. Phil. in Interdisciplinary Leadership Studies at UNB before attending Dalhousie Medicine's New Brunswick campus for medical school. I have an interest in how people interact with data and how technology can be used to facilitate that. I'm particularly interested in the potential applications of virtual reality technology in medical education and imaging interpretation. In my off time I like to build, modify and repair computers, camp, hike, and telemark ski. I also played percussion with a Cèilidh band through medical school that recorded an album. I think what I'm most looking forward to in radiology is the mix of imaging and intervention, and the wide variety of challenges to overcome and skills to learn.

Daniel Duggan



Hi everyone, I'm from Torbay, NL, and completed a B.Sc., M.Sc.Med., and MD at Memorial University. My previous research has been in the field of cardiovascular pharmacology, and I've recently started a project with Dr. Pickles. This is regarding an audit assessing the benefit of first trimester ultrasound for gestational age in Eastern Health. I enjoy fishing, skiing, and cooking, and am looking forward to learning everything I can with the Discipline of Radiology.

Courtney Bull



Hello! I am extremely excited to join the Radiology Department at Memorial University! I am originally from Woodstock, NB and recently graduated from Dalhousie Medicine New Brunswick. Prior to medical school, I completed my B.Sc at Dalhousie and my M.Sc at the University of York, UK. In my spare time I love to travel and enjoy experiencing cultures from all around the world. I am looking forward to living in the vibrant city of St John's and having the opportunity to learn and develop my skills in Radiology. I am excited to further explore interventional radiology and look forward to participating in research opportunities in that field.

Accreditation

Accreditation is soon here. We have completed and submitted our program survey questionnaires and bracket and now we await the actual day in September. The schedule for that day is already out and currently Jennifer is working diligently on ensuring it goes smoothly. Jennifer, myself, Dr. Maguire and the entire Residency program committee welcome any feedback, both constructive and otherwise before accreditation occurs. It is important to us that if you have concerns, we want to hear them.

The discipline has made some great strides in the last couple of years. The online end rotation exams have been well-received with immediate feedback given to our trainees and rotation supervisors. Our online learning management system (Desire2Learn) has contributed to a smoother transition from undergraduate where it is integral in educational delivery. D2L is more than just an assessment tool - it can do much more for you and if you want to explore it more for supplementing your half-day lecture or rotation, Jennifer and I are happy to sit with you. I myself have started adding links and hand-picked references to supplement my half-day talks and certain rotations. I have even started adding practice questions to ensure increased material reten-

tion. It is a bit of work up front, but it saves a lot of time down the road and enhances standardization for delivery of our education.

PGY1 Update

The PGY1 year has been tweaked a fair amount in the last year to allow dedicated reading and testing of anatomy, a new fluoroscopy and plain film rotation, and a new hands on ultrasound scanning rotation. These were introduced to improve several issues. Increasing resident exposure and confidence in anatomy, fluoroscopy performance, ultrasound scanning and plain film interpretation. The rotations also encourage earlier exposure with voice recognition dictating (including templates and faxing urgent reports), PACS (DDPs and ER teaching folders). Most importantly it was to enhance the transition of our PGY1s to Radiology, ensuring that they felt they were part of the discipline.

The PGY1 emergency radiology online course finished its first year recently with minimal hiccups. Our trainees stated they enjoyed it, learned from it and are already seeing the benefit as they participate in buddy call. A recent debriefing session with them was very informative and I hope to implement some of their suggestions when I roll out version 2.0 this July. Other universities have started expressing interest in enrolling their PGY1s in this course.

Rotation Updates

There is also a lot of work being put into revamping and updating rotation objectives. I have met many rotations supervisors over the last several months to discuss updating rotation objectives, ITERs, and rotation exams. Meetings have been productive and will result in some positive change. Of course, these things take time so if I haven't met with you yet, I will certainly try. In the meantime, rotation supervisors if you wish to meet and discuss your rotation, please let me know. I thank all the rotation supervisors for being so invested in improving the rotation experience and I thank all the current and previous residents for your honest constructive feedback.

Faculty update

I am trying to be aware of all the scholarly work our staff is doing - I hope to improve on that by doing newsletters like this. I would like to give a sincere congratulations to several staff in particular. Of course, I apologize if I have left anyone out (that is the risk with trying to celebrate everyone's achievements)!

Dr. Collingwood, on recognized for his volunteer efforts with the Royal College for 25 years. As well, on his recent promotion to full Professor!

Dr. Hopkins who has recently signed a research agreement with Toshiba involving tracking wrist motion on CT. Dr.

Hopkins was asked to present his research at the international CT Symposium in Brazil.

Dr. Young who is working diligently on incorporating the Simulation Center with ultrasound education for our residents.

Dr. Gullipalli who has been working hard on his collaborative research involving benefits of drug-eluting balloons in critical stenosis of the lower extremities.

Dr. Chan who is doing a tremendous amount of work as the UGME radiology director.

Dr. Sala who was recently appointed CME/PDCS Discipline lead.

Dr. Harris acting Discipline Lead on the Clinical Learning and Simulation Centre Advisory Council

Dr. Flemming who has stepped up and is bringing our research mandate further as our new research director.

To all the staff who have actively participated in research this year, as listed on <http://www.med.mun.ca/Radiology/Research.aspx>

I personally thank you all for your efforts. I also thank all the staff who have taken the time to contribute to the Oral and OSCE exams this year. They are a significant amount of time and these methods of assessment are so integral to our resident training. A big thank you to you all!

2016 MUN Discipline of Radiology Awards

Every year, our discipline recognizes its staff and residents for their teaching and research efforts with our annual awards. As well, the hard work put off by discipline is occasionally recognized at national and international levels. We proudly list awards thus far for this year!



Dr. Andrew Ho proudly holding his **Resident Postgraduate Teaching Award** at the 2015 annual end year social. Presented by Dr. Cheryl Jefford.

2016 Dr. Richard Harley Resident Research Award – 1ST place

Drs. MB Bissell, C Hapgood
Mammography Findings Post Reduction mammoplasty: A retrospective analysis

2016 Dr. Richard Harley Resident Research Award – 2ND place

Drs. D McComiskey, E Sala
Six-Seven Year Follow-up in a Large negative CT Colonography Screening Cohort

2016 RSNA/AUR/ARRS Introduction to Academic Radiology Program

Dr. P Gianakopoulos

2016 International Society of Endovascular Therapy Young Investigator Award

Drs. A Dalton, R Gullipalli
The Use of Drug Eluting Balloons for Treating Critical



Dr. Sarah Pittman receiving the 2015 **RSNA Roentgen Resident/Fellow Research Award** from Dr. Angus Hartery.

Limb ischemia in Patients with Infrapopliteal Disease.
International Society of Endovascular Therapy (ISET) Annual Meeting in Hollywood, Florida, January 2016.

2016 European Society Gastrointestinal Abdominal Radiology Top 20 Presenters

Drs. D McComiskey, E Sala
Six-Seven Year Follow-up in a Large Negative CT Colonography Screening Cohort.
27th European Society Gastrointestinal Abdominal Radiology Annual Meeting and Postgraduate Course June 14 - 17, Prague, Czech Republic.

2016 Memorial University of Newfoundland Outstanding Resident Award

Awarded to an intern/resident who has provided outstanding teaching and guidance to students during their clerkship
Dr. M. B. Bissell

2016 American College of Radiology Foundation and the Radiology Leadership Institute Scholarship

Awarded to radiology residents, who are ACR members who demonstrate exceptional leadership potential
Dr. S. Pittman

2016 Royal College of Physicians and Surgeons of Canada Region 5 Mentor of the Year Award

Recognizes Fellows of the Royal College who have had a

significant impact on the career development of students, residents, and/or Fellows. The nominee must have demonstrated their ability to be an excellent role model and teacher while inspiring change and continuous improvement.

Dr. A. Hartery

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Dr. Andrew Dalton proudly holding the **Young Investigator Award**. Andrew stands by supervisor Dr. Ravi Gullipalli and their award winning poster, 'The Use of Drug Eluting Balloons for Treating Critical Limb ischemia in Patients with Infrapopliteal Disease'.

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Royal College of Physicians and Surgeons of Canada for 25 years of volunteerism
Dr. Peter Collingwood

We still have more to announce later this year including the **Resident Undergraduate (and Postgraduate) Teaching Award, RSNA Roentgen Resident/Fellow Research Award, Dr. Benvon Cramer Resident Award, Radiology Faculty Teaching award. Stay tuned!**



Dr. Eric Pike accepting the **Dr. Spencer Bridger Faculty Teaching Award** from the awards namesake, Dr. Spencer Bridger. Presented at the 2013 annual end year social.

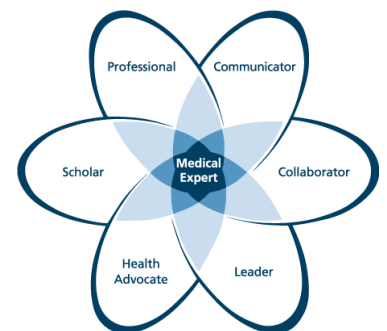


Dr. Hilary Coffey receiving the **Young Investigator Award** at the 2015 International Society of Endovascular Therapy Annual Meeting held in Hollywood, Florida for her project "Drug Eluting Balloon Outcomes: single centre experience". She stands proud with co-researcher Dr. Andrew Dalton and supervisor Dr. Ravi Gullipalli. Hilary and Andrew were medical students when this award was presented.

Spotlight on

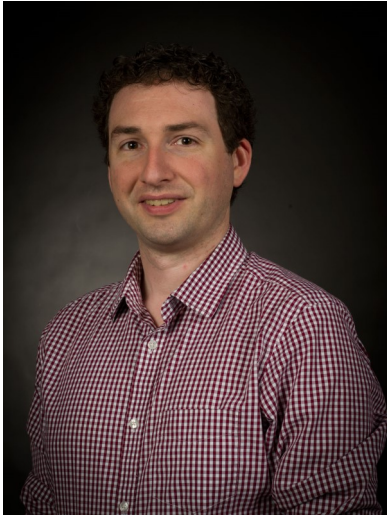
Communicator

- The scope of the Communicator Role now focuses exclusively on the interaction between physicians and their patients, including patients' families.
- Communication with other colleagues in the health care professions is now covered explicitly in the Collaborator Role.
- Patient-centred and therapeutic communications are emphasized.
- Interaction with patients and families is direct (for example, obtaining consent), interactions during diagnostic or therapeutic tests and procedures,
- The formulation of an effective radiology report is a common and frequent daily component of the radiologist's communicator role.



Good Luck PGY5s!

This year, our Discipline says farewell to our exiting group of PGY5s. I took on the position of program director as you all were starting your PGY3. It has been a pleasure watching you grow into your roles as physicians. The entire discipline thanks you for your hard work and contributions!



Dr. Christopher Smith

I've enjoyed my time as a radiology resident at Memorial University. It has been a challenging and rewarding experience. Many thanks to all the staff and residents whom I have had the pleasure of working with. Next year I am completing cross-sectional body fellowship at St. Michael's Hospital at the University of Toronto.



Photo credit: HSIIMS

Dr. Andrew Ho

I loved our program here because we had a good group of residents each year that supported each other and a close group of staff that wanted us to succeed. It made coming to work easy and enjoyable. Many thanks to you all. My plans post residency are completing a Body imaging fellowship at University of Alberta.

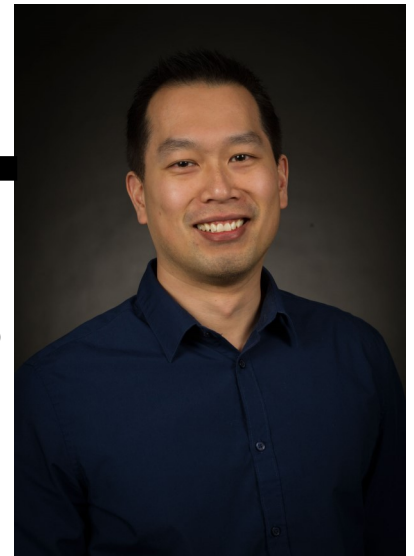


Photo credit: HSIIMS

Dr. Christopher Nicholas

As a Newfoundlander who completed medical school in-province, it was natural to continue into residency at Memorial. Both from a medical student and resident perspective, the people here are wonderful which made the transition into the radiology department very comfortable. Now the time has come for me to transition out, as I am attending UBC for a one year fellowship in interventional radiology.



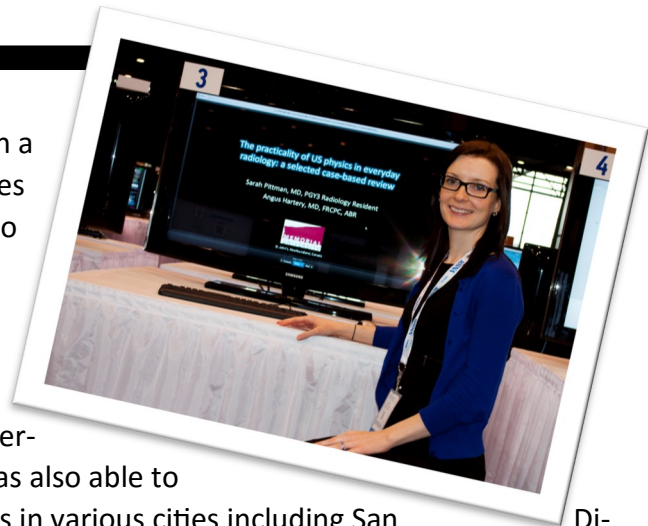


Photo credit: HSIIMMS

Dr. Sarah Pittman

MUN Radiology is a small program with a big heart, that offers great opportunities for its residents. I feel very fortunate to have gone through residency with the supportive and inspiring radiologists in our program. During residency, I had the opportunity to present research and scholarly work both locally and inter-

nationally. With program support, I was also able to attend several conferences and courses in various cities including San Diego, Montreal, Ottawa, Cincinnati, Las Vegas, and New York City. I greatly appreciate the support from the staff and colleagues. From here, I will be completing a two-year residency in Nuclear Medicine at the University of Alberta.



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apron, and after a very short time, and with some great assistance, wore it with pride and confidence!

You are no doubt wondering, what can you expect? Well, in short; a lot of information, a lot of attainable challenges, some rules and regulations, and a lot of *guidance*, from your dedicated Program Director, Discipline Chair, Radiology staff, and Administrative staff.

Just to share a *little* of the details, our teaching calendar is busy, with teaching every day and academic half-day once each week. You will be able to prepare your very own grand rounds presentation, once per year, and proudly and confidently present this to your staff and resident colleagues!

You will learn how to give and take interesting cases, and you will be given lessons on the ethics and physics of radiology throughout your residency as well.

Apart from the academic and most valuable daily learning experiences you will be exposed to, you will learn how to coordinate and apply your daily duties

and activities to the CANMEDs framework, *Leader, Collaborator, Communicator, Scholar, Medical Expert, Health Advocate, and Professional*, as defined by the Royal College of Physicians and Surgeons, all the while absorbing about as much as your brain can handle and maybe more!

News and events? We are working diligently these

days on a number of new projects and initiatives all to the benefit of our residents and are excited to introduce them in the coming year. Stay tuned!! We believe our program is strong and strives to produce the highest quality of residents, researchers and staff all rolled into one awesome radiologist!

That's just a snapshot of your future here. I'm sure I can speak for the others in our program when I say, we look forward to working with you, and my door is always open. Best of luck as you step off the corner of "Residency Road", on your way to Radiologist Place." See you along the way!



Canadian Association of Radiology Annual Scientific Meeting

The Canadian Association of Radiologists Annual Scientific Meeting took place this year April 14-17, 2016 in Montreal, Quebec. Our discipline is normally regular staple in participating and presenting at this national conference. However this year, I believe the Memorial Discipline of Radiology had a strong presence at various levels.

Dr. Scott Harris:
Member of Board of Directors

Dr. Angus Hartery:
Attendee: Canadian Radiology Vice Chairs & Associate Chairs of Education meeting

Presenter: Resident Case Reviews – GI Imaging
Attendee: Annual Canadian Radiology Program Directors Meeting
Member: Annual Scientific Meeting Working Group
Co-Organizer: Annual Scientific Meeting Resident track

Dr. Wesley Chan:
Attendee: Annual Canadian Radiology Undergraduate Directors Meeting
Presenter: “CT imaging of obese patients: Pearls and Pitfalls”

Dr. Angela Pickles:
Presenter: “Pediatric radiology – Mistakes we all make”

Dr. Nancy Wadden:

Presenter: Resident Case Reviews – Breast Imaging

Drs. David McComiskey, PGY1 and Eric Sala
Audit Oral Presentation: “Colorectal cancer outcomes in a large negative CT colonography screening cohort”

Claire Woodworth, Med IV and Dr. C. Hapgood
Audit Oral Presentation: “Preoperative sonographic evaluation of axillary lymph nodes in breast cancer patients: a local experience”

We also make special note of two rads who may not be working with us right now, but we were lucky to have



them when we did.)

Dr. Mario Kontolemos:
Presentation: Resident Case Reviews – Neuroradiology

Dr. Noah Ditzkofsky:
Simulation Workshop: Emergency/Trauma Radiology hands-on case-based review

Congratulations to everyone for your participation and presentation at this meeting!

Discipline of Radiology UGME Update

It has been a busy & productive year in undergrad. There is a concerted effort across the country to increase the profile of Radiology throughout medical school. UGME directors from all Canadian programs (including myself) are working hard to develop a nationwide standardized undergrad curriculum which we plan to implement here at MUN.

In the meantime, we have been working to integrate more radiology material into the new undergraduate curriculum. There are numerous exciting initiatives which include: a Radiology pre-clerkship ‘boot-camp’ in June, residents assisting in the pre-clerkship trauma workshop, an online radiology module for clerks to access, ultrasound and cross-sectional imaging to help teach anatomy, and offering our expertise in ultrasound to students during clinical skills/

POCUS training.

Through these efforts, we are confident the students will develop a better understanding and appreciation for what we do as radiologists.

My sincere thanks to all the staff and residents who have volunteered their time and efforts to teaching & guiding the medical students.

Dr. Chan