Dear All,

The European Congress of Radiology just closed its doors after 5 days of radiology extravaganza, an amazing experience with a patchwork of languages from Norway to Turkey, from Portugal to Russia. Creativity was everywhere from the felt conference bags, to the yellow hospital identification bracelet that all participants had to wear in addition to the badge. Music was everywhere, with concerts during the day at the conference centre, big show for the opening ceremony, and people rushing to concerts and operas in the evening.

But mainly, this was an opportunity to hear about new avenues for radiology, different standards of practice or simply exchange opinions with international colleagues. It was interesting to hear from Dr. Bonomo, past president of the European Society of Radiology (ESR), speak about the active role of his society. As an example, the ESR launched at the European Union, a call for a European action plan for medical imaging to improve quality of care and patient safety, as well as promoting education and training, research and technology. This includes raising awareness of radiation protection, promoting best practices and appropriateness.

On that note, the ESR has decided to adopt a Europeanized version of the American College of Radiology (ACR) Clinical Decision Support commercialized by ACR Select. We have been talking about implementing decision support tools at home for many years, based on the Canadian Association of Radiologists guidelines. Ontario is even developing its own decision support tools. But it would make sense now to follow the Americans and Europeans and adopt the ACR Select CDS. It would be another step towards a globalization of good practices.

Another initiative of the ESR was to draw the national societies closer by intensifying dialogue with them. The ESR invited the national societies to participate in a “National Society meets ESR” session at their national congresses. At a time where black clouds are accumulating on radiology, it is important to make sure that provincial and national associations work together to secure our future.

On the clinical side, a lot of buzz was around precision medicine and quantitative imaging, with the need to integrate imaging biomarkers in clinical practice. An exciting development in MR will facilitate access to quantitative imaging; MR Finger-printing (MRF) can acquire fully quantitative results in a time comparable to a traditional qualitative MR scan. To achieve this result, MRF uses a pseudo randomized acquisition that causes the signal from different tissues to have a unique evolution or “finger-print”. A lot more to follow, including the new field of radiogenomics or radiomics. All this will probably completely change the way we practice radiology in the 10 years to come.

And last but not least, the International Day of Radiology 2015 will be devoted to Paediatric Imaging. An opportunity to shine. Next time, I’ll tell you about Eurosafe.

All the best,

Dr. David Koff
Chief of Diagnostic Imaging, HHS
Chair, Department of Radiology, FHS
VISITING PROFESSOR SERIES

Dr. Julie Ritner
Instructor in Radiology, Harvard Medical School
Staff Radiologist, Breast and Ultrasound Divisions
Brigham and Women’s Hospital
Boston, MA

Fetal CNS: A Systematic Review
Tuesday, March 31st, 2015 - 6 pm

Ectopic Pregnancy: Update on Diagnosis and Treatment
Wednesday, April 1st, 2015 - 7:30 am

Non-Cardiac Fetal Thorax Evaluation
Wednesday, April 1st, 2015 - 12 noon

Location for above lectures: St. Joseph’s Healthcare Hamilton-Charlton Campus-Campbell Auditorium

FUTURE VISITING PROFESSOR SERIES

Monday, May 4th and Tuesday, May 5th, 2015
Dr. Tim Mosher - MSK - (Annual Peter W. Cockshott Lecture)

Tuesday, November 3rd and Wednesday, November 4th, 2015
Dr. Christine Menias - Emergency Radiology (topic to be announced)

ABOUT OUR VISITING PROFESSOR GROUP PHOTOS?
Credit is given to the creativity and organizational skills of Kim Harper at SJHH and Craig Peters from the Audio Visual Department for producing monthly photos of our Visiting Professor with our radiology residents in attendance.
Click on the below link from our Visiting Professor Program page to view all photos:
http://www.fhs.mcmaster.ca/radiology/vpp/

Photo of McMaster radiology residents, including Dr. Rita Nassanaga, 4th year resident from Uganda (part of the Sisters of St. Joseph’s Outreach Program), and two medical students on electives.

Dr. Supriya Kulkarni, Visiting Professor
# ROUNDS CALENDAR

<table>
<thead>
<tr>
<th></th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
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<tbody>
<tr>
<td><strong>JURAVINSKI</strong></td>
<td><strong>HOSPITAL &amp; CANCER CENTRE</strong></td>
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<tr>
<td><strong>1200</strong></td>
<td><strong>Resident Rounds (all rounds in DI Conf. Rm.)</strong></td>
<td><strong>0800 Resident Rounds</strong></td>
<td><strong>0800 Resident Rounds</strong></td>
<td><strong>0730 Hepatobiliary Rounds</strong></td>
<td><strong>1200 Interesting Case Rounds</strong></td>
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<td><strong>1200</strong></td>
<td><strong>Rad/Path Breast Rads (Rm 106)</strong></td>
<td><strong>0800 MSK Rounds</strong></td>
<td><strong>0800 Multidisciplinary Breast Rounds</strong></td>
<td><strong>1200 Resident Rds</strong></td>
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<tr>
<td><strong>HAMILTON</strong></td>
<td><strong>GENERAL</strong></td>
<td><strong>1200 Radiology Teaching Rounds</strong></td>
<td><strong>0730 Vascular Rounds (SN Teaching Room)</strong></td>
<td><strong>1310 Sarcoma Rounds - (3rd floor conference room)</strong></td>
<td><strong>0800 CNS Tumor Rds.</strong></td>
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<tr>
<td><strong>1200</strong></td>
<td><strong>Radiology Teaching Rds</strong></td>
<td><strong>0700 Spine Rds</strong></td>
<td><strong>0800 Arrhythmia Rds. (Theatre Auditorium, HGH)</strong></td>
<td><strong>1200 Radiology Rds.</strong></td>
<td><strong>0800 Stroke Rds. (David Braley Centre, General Campus, Auditorium)</strong></td>
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<tr>
<td><strong>MUMC</strong></td>
<td><strong>0800 Resident Rds</strong></td>
<td><strong>1200 Radiology Teaching Rds</strong></td>
<td><strong>0730 Vascular Rounds (SN Teaching Room)</strong></td>
<td><strong>1200 CNS Tumor Rds.</strong></td>
<td><strong>0800 Stroke Rds. (David Braley Centre, General Campus, Auditorium)</strong></td>
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<td><strong>1200</strong></td>
<td><strong>Tumor Brd (3F)</strong></td>
<td><strong>1200 Combined Stroke Rds, DI Classroom, Rm 2-158</strong></td>
<td><strong>0800 Arrhythmia Rds. (Theatre Auditorium, HGH)</strong></td>
<td><strong>1200 Combined Stroke Rds, DI Classroom, Rm 2-158</strong></td>
<td><strong>0800 CNS Tumor Rds.</strong></td>
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<tr>
<td><strong>2532</strong></td>
<td><strong>OB Rds (Dr. Mohide) Rm 2532</strong></td>
<td><strong>1600 Trauma Rds (Theatre Auditorium) M&amp;M Rds 1st Tues. of mo.</strong></td>
<td><strong>1230 M&amp;M Rds. (Theatre Auditorium)</strong></td>
<td><strong>1200 Radiology Rds. Interesting Cases</strong></td>
<td><strong>0800 Stroke Rds. (David Braley Centre, General Campus, Auditorium)</strong></td>
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<tr>
<td><strong>1200</strong></td>
<td><strong>Neuroradiology Rds Rm 3N50</strong></td>
<td><strong>1445 Neonatal (US) Rds Rm 2532</strong></td>
<td><strong>0800 Resident Rds</strong></td>
<td><strong>1200 Medical Noon Rds, every 3rd Thurs. each month. (notify residents call CMR on 8 South)</strong></td>
<td><strong>1200 Radiology Teaching Rds.</strong></td>
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<td><strong>MUMC</strong></td>
<td><strong>0800 Resident Rds</strong></td>
<td><strong>1230 Neurology Rds 3F</strong></td>
<td><strong>0800 Resident Round (TBA)</strong></td>
<td><strong>0800 Resident Rds</strong></td>
<td><strong>1200 GI Rads Room 2532</strong></td>
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<td><strong>1200</strong></td>
<td><strong>1230 Neurology Rds 3F</strong></td>
<td><strong>1445 Neonatal (US) Rds Rm 2532</strong></td>
<td><strong>0800 Tumour Board Rds</strong></td>
<td><strong>0800 Adult GI Rounds Rm 2532</strong></td>
<td><strong>1200 GI Rads Room 2532</strong></td>
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<td><strong>0800 Adult GI Rounds Rm 2532</strong></td>
<td><strong>1200 GI Rads Room 2532</strong></td>
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<td><strong>ST. JOSEPH</strong></td>
<td><strong>S HEALTHCARE</strong></td>
<td><strong>1445 Neonatal (US) Rds Rm 2532</strong></td>
<td><strong>1500 GI Rads Room 2532</strong></td>
<td><strong>1500 GI Rads Room 2532</strong></td>
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<tr>
<td><strong>HAMILTON</strong></td>
<td><strong>1200 - 1300 Resident Hot Seat Rounds (Rad Residents, Students, PA Clerks)</strong></td>
<td><strong>0700 - 0800 ENT Rds. last Tues. of each mo.</strong></td>
<td><strong>1200 - 1300 Hepatobiliary Rounds, Surgeons, Residents, Fellows, Elective Students - Juravinski</strong></td>
<td><strong>0700 Hepatobiliary Rounds, Surgeons, Residents, Fellows, Elective Students - Juravinski</strong></td>
<td><strong>0800 Resident Rounds</strong></td>
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<td><strong>0730 - 0800 ENT Rds. last Tues. of each mo.</strong></td>
<td><strong>0800 - 0900 Vascular Difficult Access Rds - 1st Tues. of ea mo.</strong></td>
<td><strong>0730 - 0800 ENT Rds. last Tues. of each mo.</strong></td>
<td><strong>1200 GI Rads Room 2532</strong></td>
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<tr>
<td><strong>1200</strong></td>
<td><strong>Resident Hot Seat Rounds - Rad Residents/Students/PA Clerks, Radiologists’ Reporting Rm. Indicated by an (*) asterisk on the weekly rad schedule</strong></td>
<td><strong>0730 - 0800 ENT Rds. last Tues. of each mo.</strong></td>
<td><strong>1200 - 1300 No rounds 1st Wed. of Oct/Nov/Jan/Feb/Mar/Apr/May - MSK Radiology Rheumatology Rounds</strong></td>
<td><strong>0730 - 0800 ENT Rds. last Tues. of each mo.</strong></td>
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CaRMS
The interview team (pictured on the left) interviewed 54 candidates over two days (January 28-29) during CaRMS (Canadian Resident Matching Service) interviews.

The interviews were held at St. Joseph’s Hospital Hamilton, Charlton Campus. Special mention to Sarah Haley and Kim Harper for their excellent organizational skills, creativity and assistance throughout the process.

CaRMS interview team: Back left to right: Drs. Alabousi, Harish, Di Ianni, B. Landry
Front left to right: Sarah Haley, Admin; Drs. Ainsworth, D. Landry, Elder

Tropical Candy Corner - by Kim Harper
Please join us in welcoming our new group of residents to the Diagnostic Radiology programme commencing July 1\textsuperscript{st} ....

Natasha Larocque (University of Ottawa)

Nancy Jiang (University of Toronto)

Pras Gopee-Ramanan (McMaster University)

Cory Ozimok (University of Ottawa)

Matthew Lubanovic (Western University)

Zoniz Ghumman (IMG - Ireland)
On February 18, 2015 the Radiology Residency program enjoyed our third annual CanMEDS retreat at Lopresti’s in Hamilton. We had a great mix of speakers who provided a day of education for our residents!

Dr. Yemen was a perfect start to the day with an engaging lecture on the topic of peer review. As a provincial expert on the subject, he was able to illuminate the current status and future of peer review in Ontario. Based on the number of resident questions, it was clearly a “hot button” topic.

We were pleased to welcome back our friends from the CMPA for the remainder of the morning. They spoke at length on the subject of Disclosure and Preventable Adverse Events. The residents greatly appreciated their radiology specific examples and their willingness to engage the audience.

Following a delicious lunch, we were pleased to welcome Andrea Foti from the College of Physicians and Surgeons of Ontario (CPSO). Andrea provided an overview of the CPSO, discussed their education outreach program, values of medical professionalism and social media appropriateness.

We finished off our day with PGY4 residents providing summaries of their radiology clinical audit projects followed by a discussion of the upcoming Royal College Review process.

Thank you to all speakers and attendees for a very successful day!

Dr. David Landry
Program Director
The residency program has instituted a clinical audit project as a component of our research commitment. The project was felt to engage our junior residents, align with the Canadian Association of Radiologists focus on quality assurance and dovetail with peer review initiatives currently underway. Under the tutelage of Dr. Naveen Parasu and Dr. Karen Finlay, our current PGY4 group undertook the process of completing an audit project. The PGY4 group presented their results at our CanMEDS retreat and we have asked them to present their findings to the radiology group at their audit hospital site. Below is a list of their projects.

**TITLE:** Claustrophobia and MRI: An Audit to Determine the Number of Failed MRI Scans due to Claustrophobia at HGH and JHCC  
**RESIDENT:** Chad Wherry  
**SUPERVISOR:** Dr. David Landry

**TITLE:** Retrospective of a variety of quality control measures in pediatric CT examinations conducted at McMaster Children's Hospital  
**RESIDENT:** Bret Landry  
**SUPERVISOR:** Dr. Nina Stein

**TITLE:** IVC Filter Insertion, Retrieval and Follow-up  
**RESIDENT:** Alex Omiccioli  
**SUPERVISOR:** Dr. Fernando Gastaldo / Dr. Mehran Midia

**TITLE:** The presence of localizing radiopaque markers in X-ray examinations for foreign bodies.  
**RESIDENT:** Luigi Matteliano  
**SUPERVISOR:** Dr. Julian Dobranowski

**TITLE:** Assessing the quality of CT reporting in suspected appendicitis  
**RESIDENT:** Abdullah Alabousi  
**SUPERVISOR:** Dr. Michael Patlas

We congratulate them on their successful projects to date. If faculty have projects of interest, please feel free to contact me and I will pass along to our eager resident group.

Dr. David Landry  
Program Director
**FAREWELL SARAH HALEY**

At the end of February, we said thank you and farewell to Sarah Haley.

Sarah rejoined the Radiology Residency Program last spring to cover a temporary leave of absence. She stepped back into the role as if she had never left.

Sarah was instrumental in keeping the program up and running over the past year. I am grateful for her assistance in preparing the residency program for our upcoming Royal College review in April 2015.

We wish her all the best in the year ahead as she prepares for her wedding this summer!

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**WELCOME CHENEY MATTELIANO**

Please join me in welcoming Cheney (nee Kushner) Matteliano to the Radiology Residency Program as our new Program Assistant.

Cheney began her training in late January and has begun to acclimate to her new role over the past 6 weeks.

Cheney can be reached via email (kushnerc@hhsc.ca) or at extension x75294. Her regular working hours will be Monday AM, Wednesday all day and Friday AM.

Submitted by Dr. David Landry
NEWS FROM UNDERGRAD!

INTERESTED IN TUTORING?

- MF4 commences April 20, 2015 to June 26, 2015. MF4 includes Immunology, Infectious diseases and Neoplasia. Tutors meet twice weekly with their student group (approx. 6-7 students per group).

- Scheduling should be either Monday - Thursday or Tuesday - Friday. Meetings can happen at any HHS site. If you are interested please contact Patti Drochner at drochn@mcmaster.ca or 905-525-9140 ext. 22856.

FIRST TIME TUTOR?

- You must take MacEssentials, the MD Program tutor training program before you can tutor. MacEssentials are offered in January and in June. It is a 2-evening program (6:00 to 8:00 pm). The next course will take place on Wednesday, May 27th and June 3rd, 2015 in MDCL - 2232.

  To register: contact Jane Bennett, curriculum coordinator MD Program at bennj@mcmaster.ca.

Dr. Carmen Otero
Undergraduate Program Director

Department of Radiology Research Day 2015

Further details regarding the venue, agenda and abstract submissions will be available soon.

Save the Date!

Wednesday, April 29th, 2015

Watch for further details in the April issue...
Congratulations Dr. Midia ...

Dear Dr. Koff:

The *American Journal of Roentgenology* has over 1900 reviewers (77% from the United States and 23% international). As Editor in Chief, I am “responsible for monitoring, ensuring fairness, timeliness, thoroughness, and civility of the peer review process” ([www.icmje.org](http://www.icmje.org)). Consistent, high-quality reviews are essential to the success of *AJR*.

Each year we evaluate our reviewers for performance and responsiveness to our requests for their assistance. The most active and effective reviewers are listed on the masthead page of the print journal each year. Their dedication and continued engagement is critical to further the mission and vision of the journal.

This year, **Dr. Mehran Midia** has been selected as a top reviewer and will be listed on the masthead page of our journal each month for a year. We understand the importance of our volunteer reviewers and the many tasks they are responsible for in practice, education, and research. We consider it critical to inform you as department chair of the fine work provided by Dr. Midia. In addition, we thank you for your support of Dr. Midia as he continues his engagement in peer review activities for *AJR*.

Respectfully,

Thomas H. Berquist, M.D.
Editor in Chief
*American Journal of Roentgenology*

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Congratulations Dr. Patlas ...

Dear **Michael N. Patlas**, MD, FRCPC:

**Title: Abdominal Trauma Imaging Pitfalls**

Thank you very much for agreeing to participate in the 2015 Radiological Society of North America Annual Meeting by presenting the above *refresher course*. We are looking forward to an excellent program again this year in Chicago.

The general learning objectives of the RSNA Scientific Assembly and Annual Meeting being held on November 29 to December 4, 2015 are to enable attendees to:

1. Access the results of new research and assess their potential applications to clinical practice.
2. Improve basic knowledge and skills relevant to clinical practice.
3. Practice new techniques.
4. Assess the potential of technological innovations and advances to enhance clinical practice and problem-solving.
5. Apply principles of critical thinking to ideas from experts and peers in the radiologic sciences.

The entire committee looks forward to your participation in the program. On behalf of the RSNA, I would like to thank you for your time, effort and hard work in the preparation and presentation of your refresher course.

Warmest personal regards,

Donald P. Frush, MD
Chair, Refresher Course Committee
A few weeks ago I had the opportunity to attend the 2015 SPIE Medical Imaging Conference in Orlando, Florida. This conference provided the opportunity to gain knowledge of the latest information on such topics as image processing, perception, computer-aided diagnosis, informatics and segmentation. Of particular interest was a presentation given by McMaster medical student, Lazar Milovanovic titled, “Investigation into the need for ingesting foreign imaging exams into local systems and evaluation of the design challenges of Foreign Exam Management (FEM).

Lazar presented the findings of a recent online survey that he conducted with non-radiology physicians at HHS and SJHC. The primary goal of the survey was to determine whether physicians encounter patients with inaccessible DI exams. A total of 117 non-radiologist physicians responded to the survey, including physicians from the fields of family medicine, internal medicine, surgery, critical care, oncology, pediatrics, obstetrics & gynecology, psychiatry and physiatry. The primary results of the survey are as follows:

- 83.5% who regularly utilize imaging within their practice have encountered patients with completed outside DI exams.
- 31% received patients with inaccessible outside current diagnostic exams.
  - 43% of these physicians re-ordered identical exams
  - 60% of responders attributing this to inability to access imaging
  - 34% noting time constraints to locate and access previous imaging.

The study demonstrated that non-radiologists interacting with patients with inaccessible outside DI exams leads to delays in access to imaging and re-ordering of identical DI exams. The study indicates a need for improving the ways in which physicians in different settings are provided access to relevant prior DI exams.

There are multiple approaches currently being investigated in the industry including an automated FEM solution which provides increased accessibility for difficult to access centrally stored DI exams without modification to current PACS or EMR systems. Further details regarding this survey and project will be published in the SPIE Medical Imaging Conference Proceedings.

Submitted by: Jane Castelli, Project Manager - MIIRC@M
jane.castelli@miircam.ca
"There are women who make things better...simply by showing up. There are women who make things happen. There are women who make their way. There are women who make a difference. And women who make us smile. There are women of wit and wisdom who through strength and courage - make it through. There are women who change the world everyday... Women like you."

-Ashley Rice

Diagnostic Imaging at the General campus must once again say goodbye to two more staff. Wendy Brohman and Shannon Ruzycki have both been working at the Hamilton General for as long as I can remember. They have both held leadership positions and have contributed very significantly to our department as we implemented many state-of-the-art technologies. We will miss their knowledge and expertise, but are also very jealous and happy that they are moving onto another rewarding stage of life.

_Congratulations to both of you from your x-ray family here at the General._
LATE SPRING Expected for MOST of CANADA

It's been a bitterly cold winter for most of Canada and relief isn't expected until late April, according to The Weather Network's spring outlook.

The first official day of spring is March 20, but Ontario, Quebec and Atlantic Canada will continue to experience below normal temperatures into April and even May, the forecast says.

Did you know February marked the coldest month on record in Quebec and southern Ontario.

Easter is just around the corner......

COUNTDOWN TO THE TOP FIVE SIGNS of SPRING !!!!

5. Potholes
4. Buds on Trees
3. Sleds to Hawgs
2. Thin Ice
1. Birds are Back

WE’RE MOVING AGAIN!

The Academic office is on the move again. Sue Gaudet and Marilynn Scott will be moving as of Monday, March 16th, 2015 to their new office at MUMC. The office is located on the 4th floor - Blue Section - Room 4N - 49.

Dr. David Koff will be moving to this location closer to the end of March.

Submissions to:
Marilynn Scott
McMaster Site, HSC - Room 4N-49 scottmar@hhsc.ca