For those of you who don’t know what IHE is, it stands for Integrating the Healthcare Enterprise and is an initiative by healthcare professionals and industry spearheaded by HIMSS and RSNA in 1998, to improve the way computer systems in healthcare share information. IHE promotes the coordinated use of established standards such as DICOM and HL7 to address specific clinical needs in support of optimal patient care. Systems developed in accordance with IHE communicate with one another better, are easier to implement, and enable care providers to use information more effectively.

I created the Canadian version of IHE in 2003 at a time when Canada created the XDS-I profile to streamline image communication. Since then, IHE-Canada has been incorporated in the Standards Collaborative, with DICOM and ISO, hosted by Canada Health Infoway. As we see more need to streamline our workflows and integrate our images within the enterprise, I decided to be more involved and have registered MIIRC@M/McMaster University as a member organization, which allows us to submit and vote for new integration profiles. I have agreed to take the position of co-Chair of the International Radiology Planning Committee, in order to give more representation to clinicians versus industry. A new exciting challenge that will hopefully be a benefit to our department and result in more collaboration opportunities.

Stay tuned....

We are also taking the lead on the Radiation Safety side with multiple initiatives locally from our Integrated Radiation Safety Office such as Dosimeter Education and Compliance mainly for staff identified as radiation workers, but working outside of radiology; this has been presented and approved at the Medical Advisory Committee. Chris Gordon has created excellent teaching modules, but it is our role as much as we can to promote radiation safety and best practices each time we see colleagues who are not compliant or don’t understand. The RSO is conducting CT radiation dose audits across HHS that we can compare to the Canadian Computed Tomography Survey including National Dose Reference Levels (DRLs) just released by Health Canada after 2 years of work, and which collected CT dose index from 387 CTs out of 510 CTs in total in the country. A great achievement.

On that note, I was representing Canada Safe Imaging last week at the International Society of Radiology conference, where we did pretty well compared to other countries and continents; I presented our most recent achievements including an environmental scan (to be published), that we mandated to identify the federal and provincial organizations involved in medical radiation protection, and to point out the gaps and weaknesses in our system. And if you are interested, CSI will be present at the next COMP Winter School in February at Chateau Montebello. Ask me if you want more information.

David Koff,  
Chief of Diagnostic Imaging, HHS  
Chair, Department of Radiology, FHS
EDUCATIONAL NEWS

VISITING PROFESSOR SERIES

Tuesday Nov 1st and Wednesday Nov 2nd, 2016
Dr. Joseph S Yu
Section Chief, Musculoskeletal Radiology
Director of the Musculoskeletal Radiology Fellowship
The Ohio State University
Columbus, OH

Tuesday, Nov 1st, 2016
6:00 p.m.
“Application of MRI in Urgent Musculoskeletal Conditions”

Wednesday, Nov 2nd, 2016
7:30 a.m. “Hip Pain: Current Concepts”
12:00 p.m. “Shoulder and Elbow Trauma”

St. Joseph’s Healthcare Hamilton
CAMPBELL Auditorium—Level 2—Room T2202, Juravinski Tower

Visit our Visiting Professor Program web page to view all of Visiting Professor group photos with our Radiology Residents at: http://www.fhs.mcmaster.ca/radiology/vpp/
<table>
<thead>
<tr>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
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<tr>
<td><strong>JURAVINSKI HOSPITAL &amp; CANCER CENTRE</strong></td>
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<tr>
<td>0800 Resident Rounds (all rounds in DI Conf. Rm.)</td>
<td>0800 MSK Rounds</td>
<td>0800 Resident Rounds</td>
<td>0730 Hepatobiliary Rounds</td>
<td>1200 Interesting Case Rounds</td>
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<td>1200 Rad/Path Breast Rds (Rm 106 E Wing)</td>
<td>1200 Resident Rounds</td>
<td>0800 Multidisciplinary Breast Rounds</td>
<td>1200 Resident Rds</td>
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<td><strong>HAMILTON GENERAL</strong></td>
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<td>1200 Radiology Teaching Rounds</td>
<td>0700 Spine Rds</td>
<td>0730 Vascular Rounds (5N Teaching Room)</td>
<td>0800 Stroke Rds.(David Braley Centre, General Campus, Auditorium)</td>
<td>0800 Neuroscience Rds. David Braley Centre, General Campus, Auditorium)</td>
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<td>0800 Regional Cardiology Rds (David Braley Centre, General Campus, Auditorium)</td>
<td>0800 Arrhythmia Rds. (Theatre Auditorium, HGH)</td>
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<td>1200 Radiology Teaching Rounds</td>
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<td>1200 Radiology Teaching Rounds</td>
<td>1230 M&amp;M Rds. (DI Classroom), set once a month</td>
<td>1200 Radiology Rds. Interesting Cases</td>
<td>1200 Radiology Teaching Rounds</td>
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<td>1200 Combined Stroke Rnds, DI Classroom, Rm 2-158</td>
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<td>1200 Dr. Bradley’s Rds, every 3rd Thurs. each month. (notify residents call Dr. Bradley &amp; Med. Resident on 8 South)</td>
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<td>1600 Trauma Rds (Theatre Auditorium) M&amp;M Rounds 1st Tues. of mo.</td>
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<td><strong>MUMC</strong></td>
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<tr>
<td>0800 Resident Rds</td>
<td>0800 Resident Rds (TBA)</td>
<td>0800 Resident Rnds</td>
<td>0800 Resident Rounds</td>
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<tr>
<td>0800 Tumor Brd (3F)</td>
<td>1200 Neuro-oncology Rds (3F)</td>
<td>0800 Adult GI Rounds, Rm.2532</td>
<td>0800 Surge/Rad/ Path (SRP) Rds – 4th Thurs. of ea. mo. Rm 2532</td>
<td>0800 Resident Rounds</td>
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<td>1200 OB Rds (Dr. Mohide) Rm 2532</td>
<td>1445 Neonatal (US) Rds Rm 2532</td>
<td>0800 RPC (3rd Wed ea. mo.) Rm 2532</td>
<td>1130 Rheumatology - ev.0ther wk Rm TBA</td>
<td>0800 Resident Rounds</td>
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<td>1200 Neuroradiology Rds Rm 3N50</td>
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<td>15:00 Clinical Teaching Unit (CTU) Every 4th Thursday, Room 2532</td>
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<td><strong>ST. JOSEPH’S HEALTHCARE HAMILTON</strong></td>
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<td>(All rounds in DI Conference Room T0102, unless otherwise specified)</td>
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<td>12:00 Ultrasound Rounds</td>
<td>0730 – 0800 Small Renal Tumour Board Rounds - 1st Tues. of each mo.</td>
<td>0800-0900 Head &amp; Neck MCC Rounds—4th Wed. of ea. Mo.</td>
<td>0715 –0800 Colorectal Rounds</td>
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<td>1200 – 1300 Interesting Case Rounds</td>
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<td>1200 – 1300 Resident Hot Seat Rounds,</td>
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<td></td>
<td>1300 – 1400 Resident Hot Seat Rounds</td>
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<td>1200 – 1300 Lung MCC Rounds</td>
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<td>1630–1730 Thyroid Malignancy Endocrine MCC Rounds—3rd Tues. of ea. Mo.</td>
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<td>1300 – 1400 Resident Hot Seat Rds,</td>
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More info can be found on the McMaster ETA website:  [https://fhseta.mcmaster.ca/](https://fhseta.mcmaster.ca/)
Residents had a welcome BBQ:

Fellows had a welcome dinner:
INTERNATIONAL DAY OF RADIOLGY
NOVEMBER 8, 2016

BREAST IMAGING

Let's celebrate together!

WWW.IDOR2016.COM
This past August Dr. Andrea Thomson and her family (husband Andrew and daughters Amelie and Megan) participated in a wheelchair donation to Mexico. The project was initiated by Andrea’s husband, Andrew Thomson, after the sale of the mining company he had operated in Mexico for a number of years (Soltoro Inc.). It was a way to give back to the communities that had supported him for many years. The wheelchairs were donated by Andrew Thomson, Agnico Eagle, Maxit Capital and Weir Foulds. The purchase of the wheelchairs was facilitated by Mr. Gordon Holmes of Lookout ridge Foundation and the logistics of distributing the wheelchairs facilitated by Steve Priesmeyer former lead geologist of Soltoro, the local Rotary Club of Guadalajara and the community leadership of Guachaningo.

On August 3rd and 4th over 60 wheelchairs were donated to patients. On August 3rd the donation occurred at the Hospital Civil in Guadalajara and on August 4th in the small mining town of Guachinango in Jalisco state, Mexico. Many local dignitaries were on hand at each location for the donations. It was a heartfelt 2 days to see what a difference you can make in someone’s life with the simple act of giving.
“Congratulations to our HGH D.I. Skeleton crew in raising around $2,200.00 in funds, may next year bring more participants!!!

Thank you for everyone's support on a great success!

Since 2011 Strides for the HGH has raised over $730,000, all proceeds has enhanced patient care at HGH through the purchase of many pieces of priority medical equipment for our patients!”
Invited Commentary on “Pelvic Inflammatory Disease,” with Response from Dr Revzin and Colleagues

From: Michael N. Patlas, MD
Department of Radiology, McMaster University
Hamilton, Ontario, Canada

Read full article at:
http://pubs.rsna.org/doi/full/10.1148/rg.2016160013

Integrating Ultrasound Teaching into Preclinical Problem-based Learning

Eli Tumba Tshibwabwa et. al.
Journal of Clinical Imaging Science

Read full article at:
http://www.clinicalimagingscience.org/article.asp?issn=2156-7514;year=2016;volume=6;issue=1;spage=38;epage=38;aulast=Tshibwabwa

Dr. Koff travelled to Buenos Aires, Argentina for the International Congress of Radiology in September.

See the next page for some beautiful shots of Buenos Aires.
Buenos Aires, Argentina
Often healthcare providers have a number of ideas or questions on ways to improve care for patients or efficiency of practices, but are not sure how to develop their great idea! Fortunately, as the Department of Radiology is part of a prestigious university and large hospital network, there are a number of services available to both McMaster and HHS employees when it comes to developing your research project. McMaster University offers the following services:

**Health Research Services (HRS) Office**: Provides advice and administrative support to process grants, manage research resources and if required administer the ethics review process.

**McMaster Industry Liaison Office (MILO)**: Will help you facilitate collaborative research with industry partners through a contract and help you to disseminate your research results through commercialization.

**Research Office for Administration, Development and Support (ROADS)**: Will support you through the identification of funding opportunities, provision of information sessions, and review and editing of grant submissions, as well as provide you with assistance with selected budget development.

The HHS, community has access to full research services through the **Office of Integrated Research Services (OIRS)**, which includes:

- **Research Financial Services**: Provides budget and financial services for Research & Trust account holders.
- **Research Clinical Trial Contracts Review**: Helps you negotiate a fair and reasonable agreement.
- **Research Human Resources**: Available for any research personnel questions, including assistance with hiring arrangements, posting positions, and any other HR questions associated with research.
- **HHS/McMaster Joint Research Ethics Board**: Reviews all research projects and approves them if they meet the acceptable ethical and scientific standards.

You are encouraged to reach out to these groups and utilize the great services that we have access to. In addition, if you have any questions regarding how you should go about developing your research proposal, please do not hesitate to contact Jane Castelli (jane.castelli@miircam.ca), at the MIIRC@M Office, who would be happy you assist you with this.
What does it take to turn a pumpkin into a work of art?

Extreme pumpkin carvers shared some tips:

1. **Look for a heavy pumpkin.** They provide lots of dense material to work with.

2. **Let the shape and colour of your pumpkin guide your imagination.** For example, you can turn a large, green pumpkin into The Incredible Hulk, or use the stem as a nose. Use physical features of your pumpkin as elements of your design.

3. **Rummage through your kitchen drawers for tools.** Ice cream scoops, melon ballers, citrus zesters, sharp paring knives, cheese graters and vegetable peelers all make great tools. Ribbon tools (used for working with clay and easily found in art supplies stores) are also useful.

4. **Wear gloves to prevent cuts.**

5. **Wash the pumpkin before carving, but consider waiting until you’re finished carving before you clean out the pumpkin guts.** This will give you more structural integrity while carving. You can hollow out the pumpkin after you’re done. Note that you don’t have to go through the top — you can cut a small hole into the back of the pumpkin instead, but you’ll have to use an LED light instead of a candle to light your masterpiece.

6. **Use a marker to help map out your initial cuts.**

7. **Scrape the skin off the surface and start sculpting.** You don’t necessarily need to cut all the way through the pumpkin to create a striking effect. Interesting touches like eyebrows or laugh lines will help your pumpkin stand out.

8. **Look to a favourite cartoon, gaming or movie character for inspiration, but don’t be afraid to let your imagination run free.**

9. **Have fun and don’t be too fussy.** Sometimes you just need to start carving to get into it.

10. **Take pictures of your creation.** Pumpkin art won’t last forever!

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**UPCOMING DATES OF INTEREST**

- Oct 11—17, 2016—Journées Francaises de Radiologie 2016, Paris, France
- Nov 27—Dec 2, 2016—RSNA Annual Meeting, Chicago USA

Submissions to:
Marguerite Jackson
McMaster Site, HSC - Room 4N-49 jacksonmar@hhsc.ca