9th Medical Imaging Alumni & Education Day

Li Ka Shing Knowledge Institute

February 2nd 2019

Medical Imaging
UNIVERSITY OF TORONTO

9th Medical Imaging Alumni & Education Day

COURSE OVERVIEW

This one-day course for Alumni of The Department of Medical Imaging, University of Toronto, Community Radiologists and Trainees focuses on topics of interest to all radiologists. This year's program includes presentations on use of social media in professional practice, structured reporting, artificial intelligence/deep learning and philanthropy. The day will end with Radiology Jeopardy, back by popular demand. There are excellent opportunities for questions and discussions. Over coffee and lunch attendees can rekindle old friendships and meet new/future colleagues.

COURSE OBJECTIVES

At the end of this program, participants should be able to:

• Apply knowledge learned in these sessions to improve patient care.

• Explain the appropriate use of social media in professional practice.

• State why structured reporting is inevitable.

• Debate the potential benefits of artificial intelligence and deep learning in everyday radiology practice and why radiologists should be early adopters.

• Discuss philanthropy, why people give and the good it does.

• Recall the typical imaging appearance (Aunt Minnie) of common and less common conditions.

TARGET AUDIENCE

Attendance is offered to all alumni of the Department of Medical Imaging, University of Toronto. Retired alumni, non-alumni community radiologists and current trainees are also enthusiastically invited.

REGISTRATION

To register online and pay by VISA or MasterCard, please visit: http://my.alumni.utoronto.ca/MedEduDay

Fees

	Fees
Alumni Physician	$110
Non-Alumni Physician	$120
UofT Residents/Fellows	$25 Security Deposit
Retired Alumni	No Charge

Registration deadline is Friday, January 26, 2019. The Department of Medical Imaging Alumni are current and former faculty, and graduate trainees of University of Toronto Medical Imaging. We will not be able to accommodate on-site registration. Enrolment will be confirmed on the basis of receipt of payment. Receipts for payment are issued by e-mail only. Trainees and Retired Alumni: please contact Gary Cronin to register at 416-978-7944 or alumni.medicalimaging@utoronto.ca

CANCELLATION POLICY

Requests for cancellation must be made in writing.

We must receive all cancellation requests before January 18, 2019 in order to receive a refund of the registration fee; thereafter, refunds will not be issued. Registrations are not transferable.

DISCLOSURE

No members of the planning committee or faculty members have any conflict of interest to disclose.

FUNDING

Funding for this event is provided by the University of Toronto Department of Medical Imaging Alumni Association.

CONFERENCE CHAIR

ALAN MOODY
Professor
Chair - Medical Imaging, University of Toronto.

CONFERENCE DIRECTOR

ANTHONY HANBIDGE
Associate Professor & Chair - Medical Imaging Alumni, University of Toronto.

SPEAKERS

KATE HANNEMAN
Assistant Professor
Staff Radiologist
JDMI

DARINA LANDA
Executive Director, Advancement
University of Toronto, Faculty of Medicine

PASCAL TYRRELL
Assistant Professor
Director, Data Science
University of Toronto

SARAH JOHNSON
Assistant Professor,
Staff Radiologist
JDMI

MADELEINE SERTIC
Resident
Medical Imaging
University of Toronto

ANDREW CHAN
Resident
Medical Imaging
University of Toronto

CME Credits

Royal College of Physicians and Surgeons of Canada – Section 1:
This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, approved by Continuing Professional Development, Faculty of Medicine,University of Toronto up to a maximum of (5.5 hours)

AGENDA

Time	Session	Presenter
8:00	**Registration**	
8:25	Opening Remarks	
8:30	*Social Media in Professional Practice*	**Dr. Kate Hanneman**
9:00	Questions and Discussion	
9:15	*Advancing the Future of Medical Imaging*	**Darina Landa**
		Panelists: Alexandre Boutet, Brian Mergelas, Alan Moody, Anastasia Oikonomou
9:45	Questions and Discussion	
10:00	**Refreshment Break**	
10:15	Keynote Session: *Artificial Intelligence and Deep Learning*	**Dr. Pascal Tyrrell**
		Panelists: Alex Bilbily, Saul Calderon, Mark Cicero, IBM Watson Health
11:45	Questions and Discussion	
12:00	**Lunch With The Presenters**	
13:15	*Structured Reporting - Why it is Inevitable*	**Dr. Sarah Johnson**
13:45	Questions and Discussion	
14:00	*Radiology Jeopardy*	**Dr. Madeleine Sertic,** **Dr. Andrew Chan**
15.00	Questions and Discussion	
15.15	**Adjournment and Evaluation**	

SESSION LEARNING OBJECTIVES

Social Media in Professional Practice (Dr. Kate Hanneman)

Goal: Review the impact of social media on the physician-patient interaction.

At the end of this session including discussion time, the participant will be able to:

1. Describe the potential impact of social media on the physician-patient interaction
2. Discuss the risks and benefits of this opportunity for communication
3. Recognize the importance of social media in professional practice

Advancing the Future of Medical Imaging (Darina Landa)

Goal: Demonstrate the role and impact of philanthropy in advancing the academic mission

At the end of this session including discussion time, the participant will be able to:

1. Discuss how philanthropy has impacted key academic priorities such as research, education, and faculty development
2. Explain donor motivations
3. Recognize the critical role philanthropy can play in advancing the department's mission

Keynote Session: Artificial Intelligence and Deep Learning (Dr. Pascal Tyrrell)

Goal: Review the early impact of Artificial Intelligence and Deep Learning on the practice of Radiology

At the end of this session including discussion time, the participant will be able to:

1. Describe what Artificial Intelligence is and the importance of Deep Learning
2. Recognize what machines are learning from medical images and understand what that means for the radiologist
3. Learn about MiDATA as the Department's solution to engaging Artificial Intelligence and Machine Learning

Structured Reporting - Why it is Inevitable (Dr. Sarah Johnson)

Goals: Discuss the technique, rationale, and available evidence for the adoption of structured reporting in radiology.

At the end of this session including discussion time, the participant will be able to:

1. Describe the key components of a structured radiology report
2. Report the evidence regarding the utility of structured reports
3. Recognize the challenges in adoption of a structured reporting system
4. Review stylistic options which may be selected during implementation of structured reporting

Radiology Jeopardy (Drs. Madeleine Sertic and Andrew Chan)

Goals: Provide an informal, dynamic and engaging environment for partipants to get involved in a friendly and informative competition around various imaging diagnoses.

At the end of this session including discussion time, the participant will be able to:

1. Identify an array of imaging-related diagnoses based on "Aunt Minnie" style imaging presentations. (CanMEDS Role: Medical Expert)
2. Describe the major imaging features that distinguish certain "Aunt Minnie" classical presentation type cases from other diagnoses in discussion and collaboration with other participants. (CanMEDS Roles: Medical Expert, Communicator & Collaborator)
3. Recall the session as FUN!

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