

Siemens AUR Radiology Resident Academic Development (SARRAD) Program

Wednesday, March 26, 2008

7:00 am – 8:00 am **SARRAD Program 1** (*Breakfast Served*)

Introduction

Location: Douglas

Faculty: *Jonathan S. Lewin, MD*

8:00 am - 12:00 pm **RAHSR/A³CR² Critical Thinking Skills Session**

Evidence-based Radiology

Location: Grand Ballroom A

Faculty: *Dermot E. Malone, MD*
Marie Staunton, MBBCh

8:00 am - 8:40 am

“Introduction and Overview”

8:45 am - 9:10 am

“ASK: Think-Pair-Share”

9:15 am -10:30 am

“SEARCH”

10:30 am - 10:45 am

Break

10:45 am -12:00 pm

“APPRAISE & APPLY”

Learning Objectives:

Registrants who attend this three-part workshop should understand:

1. The paradigm of ‘Evidence-Based Practice (EBP) as it is designed at McMaster University and the NHS Centre for Evidence-Based Medicine, Oxford.
2. The stepwise process of McMaster/CEBM EBP, how it can be applied in Radiology, and how it relates to other EBP and Technology Assessment paradigms.
3. A specific method to ASK an answerable question, SEARCH for the best current evidence, APPRAISE retrieved literature about diagnostic imaging and APPLY it to their patient(s) or practice.
4. How to find and use helpful resources for desktop/laptop computers and PDAs.
5. Where these concepts fit in the spectrum of general academic radiology practice activities.

12:00 pm - 12:30 pm Lunch on your own

12:30 pm - 1:00 pm Break – Poster and Exhibit Viewing

1:00 pm – 3:30 pm **SARRAD Program 2**

Location: Douglas

1:00 pm – 1:30 pm

Professionalism and Ethics in Radiology

Ella A. Kazerooni, MD

1:30 pm – 2:15 pm

Leadership

G. Scott Gazelle, MD, MPH, PhD

2:15 pm – 3:30 pm
Critical Communication Skills and Conflict Resolution
Jonathan S. Lewin, MD

3:30 pm - 4:00 pm Break – Poster and Exhibit Viewing

4:00 pm - 6:00 pm **RAHSR Colloquium**
Patient-centered Radiology
Location: Willow B
Moderator: Daniel K. Kido, MD

Faculty: *Annette S. Johnson, MD, MS*

6:00 pm - 7:00 pm A³CR²/APDR/SCARD/APCR Beer and Pretzels Reception

Thursday, March 27, 2008

7:00 am – 8:30 am **SARRAD Program 3** (*Breakfast Served*)
Location: Douglas

7:00 am – 7:45 am
Radiological Professional Organizations: Making Sense of the
'Alphabet Soup'
N. Reed Dunnick, MD

7:45 am – 8:30 am
Networking in the Radiology Profession/Community
Steven E. Seltzer, MD

8:30 am - 10:00 am **RAHSR/RRA Research Symposium**
Informatics: Supporting the Research Enterprise
Location: Grand Ballroom D
Moderator: *William G. Bradley Jr, MD, PhD*

Faculty: *James H. Thrall, MD*
Daniel L. Rubin, MD
Mitchell D. Schnall, MD, PhD

Learning objectives:
1) Understand the role of Informatics in supporting data-mining in the radiology department.
2) Understand the role of informatics in ACRIN.
3) Understand how to build a data warehouse in radiology.

10:00 am - 10:30 am Break
AMA PRA Category 1 CreditTM Poster Session

10:30 am – 12:00 pm **SARRAD Program 4**
Becoming an Outstanding Teacher: Effective Case Conferences
and Didactic Lectures
Location: Douglas
Faculty: *Jannette Collins, MD, MEd, FCCP*

12:00 pm – 2:00 pm **LUNCHEON, Awards, and Philips Vydareny Imaging Interpretation
Competition (Preliminary)**
Location: Metropolitan Ballroom

12:00 pm – 1:00 pm
Luncheon and Awards (Announcements and Introductions)

AUR Joseph E. and Nancy O. Whitley Award
AUR Memorial Award
AUR Stauffer Awards
RAHSR-ACR Award
RRA New Investigator Award
AMSER Henry Goldberg Medical Student Award
GERRAF Fellows
Trainee Prizes

1:00 pm – 2:00 pm **Philips Vydareny Imaging Interpretation Competition—Preliminary**
Presented by Mallinckrodt Institute of Radiology

2:00 pm - 3:30 pm **AUR/RSNA KEYNOTE ADDRESS**
Imaging Informatics: The Key to Success for the Future of Radiology
Location: Grand Ballroom D
Faculty: *Eliot L. Siegel, MD*

3:30 pm - 4:00 pm Break
AMA PRA Category 1 Credit™ Poster Session

4:00 pm - 6:00 pm **RAHSR Advanced Critical Thinking Skills**
Quality Improvement in Radiology
Location: Willow B
Moderator: *Yoshimi Anzai, MD*

4:00 pm - 4:10
Quality in Radiology Introduction
Yoshimi Anzai, MD

4:10 pm - 4:30 pm
P4P General Concept
TBD

4:30 pm - 4:50 pm
P4P in Radiology
Michael J. Pentecost, MD

Objectives:

1. Understand the background, history and rationale of pay-for-performance strategies to improve health care.
2. Review case studies of pay-for-performance programs and identify reasons for their success.
3. Understand pitfalls and shortcomings of pay-for-performance programs.

4:50 pm - 5:10 pm
Overview of Decision Support and Utilization Management
Robert L. Bree, MD

5:10 pm - 5:30 pm
Utilization Management in an Academic Setting
Vijay M. Rao, MD

5:30 pm - 6:00 pm
Panel Discussion

Objectives:

1. Understand the needs for quality improvement in radiology.
2. Identify the stakeholders involving quality improvement in radiology.
3. Understand the perspectives and background of pay-for-performance program.
4. Review the measurements of quality improvement.

6:30 pm - 8:30 pm Welcome Reception (All Attendees)

Friday, March 28, 2008

7:00 am – 8:30 am **SARRAD Program 5** (*Breakfast Served*)

Junior Faculty Panel: Balancing Life and Career in Academic Radiology

Location: Douglas

Moderator: *Ruth C. Carlos, MD*

Faculty: *Claude B. Sirlin, MD*

Marta E. Heilbrun, MD

8:30 am - 10:00 am **APDR/AUR/SCARD/A³CR²/APCR Joint Session**

ACR Keynote: Future Directions for Medical Education: What Would Abraham Flexner Think?

Location: Grand Ballroom D

Moderator: *Charles S. Resnik, MD*

Faculty: *David M. Irby, PhD*

Objectives of session:

1. Describe how contemporary medical education is shaped by Abraham Flexner's 1910 Report on Medical Education.
2. Examine the current status of medical education through the lens of The Carnegie Foundation for the Advancement of Teaching's study of medical education.
3. Explore future directions for medical education based upon the Carnegie study and research from the learning sciences

10:00 am - 10:30 am

Break

AMA PRA Category 1 CreditTM Poster Session

10:30 am - 12:00 pm

ACER/A³CR²/APCR/APDR/AUR/RAHSR/RRA/RSNA/SCARD/SNM

Joint Session

Informatics Roundtables: Discussion and Follow up

Location: Grand Ballroom D

Moderator: *G. Scott Gazelle, MD, PhD, MPH*

Learning objectives:

1. Understand the potential opportunities to use informatics to improve radiology research, teaching, and clinical operations.
2. Understand challenges related to implementing informatics approaches in radiology departments.
3. Develop recommendations for development and funding priorities related to radiology informatics.

[Summary presentations from the session on Wednesday, 1:00-2:30pm will start the session.]

12:00 pm - 2:00 pm

SNM Session

Radiation Safety, Radiopharmacy, and Regulatory Issues: An Update for Senior Radiology Residents

Location: Grand Ballroom A

Moderator: *Bennett S. Greenspan, MD, MS*

Faculty: *Stephen M. Karesh, PhD**

2:00 pm - 3:30 pm

A³CR² Problem Solving 2

The Role of Informatics in Optimizing Resident Education

Location: Willow B

Moderators: *Jennifer Demertzis, MD*
Sara Rohr, MD
Meghan G. Lubner, MD

Learning Objectives:

1. Review the ACGME diagnostic radiology program requirements relating to core curriculum and didactic sessions.
2. Briefly present literature addressing the effectiveness of various teaching modalities.
3. Elicit feedback from residents about ways that informatics can be utilized to optimize their educational experience while fulfilling their residency's educational program requirements.

Ideas from this initial session will be discussed at the APDR/APCR/A³CR² Problem-Solving Roundtable on Saturday, 7:00-8:30am.

3:30 pm - 4:00 pm

Break

AMA PRA Category 1 CreditTM Poster Session

4:00 pm - 5:30 pm

A³CR² Session

Summary of Problem Solving

Location: Willow B

Moderator: *Wilbur L. Smith, Jr, MD*

Saturday, March 29, 2008

7:00 am- 8:30 am

APDR/APCR/A³CR² Session

Problem Solving Roundtables

Location: Grand Ballroom C

Moderators: *Charles S. Resnik, MD*
Wilbur L. Smith Jr, MD

Learning objectives:

1. Present the results of the chief residents' problem-solving sessions.
2. Have small-group discussions aimed at solving stated problems.
3. Present small-group solutions to all participants.
4. Formulate an overall problem-solving action plan.

8:30 - 10:00 am

RRA Symposium

Computer-aided Diagnosis

Location: Douglas

Moderator: *William G. Bradley Jr, MD, PhD*

8:30 am - 9:00 am

Chest CAD

David P. Naidich, MD

Learning Objectives:

1. Review the challenges in the detection of lung nodules at CT.
2. Discuss the status of computer assisted detection (CAD) for lung nodule detection.
3. Review current limitations of CAD for nodule detection.
4. Discuss additional potential computer applications for evaluating diseases of the thorax.

9:00 am - 9:30 am
CAD of Mammography
Valerie P. Jackson, MD

Learning objectives:

1. Describe the current literature on CAD for mammography.
2. Discuss the pros and cons of the use of CAD.
3. Describe the role of CAD in mammography practice.

9:30 am - 10:00 am
CAD of CT Colonography
Michael E. Zalis, MD

10:00 am - 10:30 am Break – Poster and Exhibit Viewing

10:30 am – 12:00 pm **SARRAD Program 6**
Roundtable Summary Discussions and Conclusions
Location: Douglas
Faculty: *Jonathan S. Lewin, MD*

12:00 pm - 2:00 pm LUNCHEON, AUR Business Meeting, and Philips Vydareny Imaging Interpretation
Competition—FINALS
Location: Grand Ballroom C

12:00 pm – 1:00 pm
Luncheon and AUR Business Meeting

1:00 pm – 2:00 pm **Philips Vydareny Imaging Interpretation Competition – FINALS**
Presented by Mallinckrodt Institute of Radiology

2:00 pm - 4:00 pm **GERRAF Mini-Retreat (RAHSR Joint Session)**
Location: Willow A
Moderator: *Ronald L. Arenson, MD*

Presentation of GERRAF Fellows' projects, with a roundtable discussion critique. Format is similar to the annual GERRAF mentorship retreat. Presentations are supported in part by the GE-AUR Radiology Research Academic Fellowship (GERRAF) grant.

2006 Fellows
Wendy B. DeMartini, MD
Edward Y. Lee, MD
Cynthia S. Santillan, MD

2007 Fellows
Paul P. Cronin, MD
Marta E. Heilbrun, MD
Nabile M. Safdar, MD
Hanna M. Zafar, MD, MHS

6:30 pm - 7:30 pm Annual Banquet Cocktail Reception

7:30 pm - 11:00 pm Annual Banquet and Awards Ceremony