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 Credit™ 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 Vydisareny 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.
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 Credit™ 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 Credit™ 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.

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