Siemens AUR Radiology Resident Academic Development (SARRAD) Program

Tuesday, April 9, 2013

7:00 am – 8:30 am  
**SARRAD Program 1**  
Location: Diamond Ballroom Salon 6  

Introduction  
Course Directors:  
* Ruth C. Carlos, MD, MS  
* James V. Rawson, MD

8:30 am – 10:00 am  
**A³CR² Session**  
Location: Platinum Ballroom Salon C  

Case Review 1: Cardiac Imaging and Business of Radiology  
Moderator:  
* Fernando J. Boschini, MD

8:30 am – 9:00 am  
Case Review 1: Cardiac Imaging  
Faculty:  
* Gautham P. Reddy, MD

Learning objectives:  
1. Review interesting cases, initially as unknowns and then with brief focused “pearls”.  
2. Identify abnormalities on imaging studies.  
3. Develop appropriate differential diagnoses.  
4. Describe appropriate management.

9:00 am – 10:00 am  
Business of Radiology  
Moderators:  
* Ted Chang, MD  
* Matthew R. Hammer, MD

Faculty:  
* Dieter R. Enzmann, MD  
* Jonathan R. Medverd, MD

Learning Objectives:  
1. Describe Radiology’s value chain.  
2. Identify ways to leverage the value chain to brighten the future of radiology.  
3. Develop business strategies for life after residency.

10:00 am – 10:30 am  
**Break**
10:30 am – 12:00 pm  \textbf{A^3CR² Session}
Location: Platinum Ballroom Salon C

Residents as Teachers
Moderator: Kevin S. Koo, MD  
           Steven M. Yevich, MD, MPH
Faculty: Andrea Donovan, MD

Learning Objectives:
1. Identify principles of effective learning and teaching.
2. Establish an effective learning climate.
3. Devise goals and objectives for the teaching session.
4. Apply principles of effective teaching to individual, small and large group teaching.
5. Provide effective feedback and reflect on your own teaching.

12:00 pm – 1:00 pm  \textbf{SARRAD Mentorship Lunch}
Location: Diamond Ballroom Salon 10

1:00 pm – 3:30 pm  \textbf{SARRAD Program 2}
Location: Diamond Ballroom Salon 6

1:00pm – 1:30pm  
The Quality Movement: Great for Academic Radiologists, Great for our Patients  
James V. Rawson, MD

1:30pm – 2:15pm  
Leadership  
Alexander Norbash, MD

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

5:30 pm – 6:30 pm  \textbf{A^3CR² / APDR/SCARD/APCR Beer and Pretzels Reception}
Location: Diamond Ballroom Salon 5
Wednesday, April 10, 2013

7:00 am – 8:15 am  SARRAD Program 3
Location: Diamond Ballroom Salon 6

7:00am – 7:50am
Radiological Professional Organizations: Making Sense of the ‘Alphabet Soup’
N. Reed Dunnick, MD

7:50am – 8:15am
Networking in the Radiology Profession/Community
Steven E. Seltzer, MD

8:15 am – 8:30 am  Break

8:30 am – 10:00 am  AMSER/APDR/ACER/APCR/RAHSR Session
Location: Platinum Ballroom Salon D

AMSER Lucy Squire and APDR/ACR Keynote Lecture: Sustaining Educational Innovation through Collaborative Academic Entrepreneurship
Moderator: Carl R. Fuhrman, MD
Introduction: Robert A. Novelline, MD
Faculty: Leslie H. Fall, MD

Learning Objectives:
1. Develop an understanding of core concepts of innovation and entrepreneurship.
2. Describe an effective model for collaborative development of an education innovation.
3. Discuss critical elements needed to sustain education innovations over time.
4. Synthesize information presented and consider applicability for AUR-generated ideas and innovations.

10:00 am – 10:30 am  Break and Poster Viewing
Location: Platinum Ballroom Salon E

10:30 am – 12:00 pm  SARRAD Program 4
Location: Diamond Ballroom Salon 6

Becoming an Outstanding Teacher: Effective Case Conferences and Didactic Lectures
Jannette Collins, MD, MEd, FCCP
12:00 pm – 1:00 pm  **Luncheon and Awards Ceremony**  
Location: Diamond Ballroom Salons 4 and 5  

**Awards (Announcements and Introductions)**  
AUR Memorial Award  
AUR Joseph E. and Nancy O. Whitley Award  
A³CR³ Research Award  
AMSER Henry Goldberg Medical Student Award  
RAHSR-ACR Award  
RRA New Investigator Award  
AUR Trainee Prizes  
AUR Stauffer Awards  
AUR R&E Foundation Ethics and Professionalism in Radiology Grant Awards  
AUR GERRAF Fellows

1:00 pm – 1:45 pm  **Philips Vydareny Imaging Interpretation Competition 1**  
Location: Diamond Ballroom Salons 4 and 5  

*Presented by Mallinckrodt Institute of Radiology*  
Moderator: **Kristopher Cummings, MD**  
Faculty: **Steven Sauk, MD**  
**Elizabeth Sheybani, MD**  
**Colin M. Thompson, MD**

2:00 pm – 3:30 pm  **RAHSR Session**  
Location: Platinum Ballroom Salons H and I  

Comparative Effectiveness and Patient-centered Outcomes Research  
Moderators: **Jeffrey G. Jarvik, MD, MPH**  
**Christoph I. Lee, MD, MSHS**

2:00 pm – 2:15 pm  
Overview of Comparative Effectiveness Research  
Faculty: **Rebecca Smith-Bindman, MD, MPH**

2:15 pm – 2:30 pm  
Comparative Effectiveness Research and Diagnostic Testing  
Faculty: **Pari Pandharipande, MD, MPH**

2:30 pm – 2:45 pm  
Comparative Effectiveness Research in Screening  
Faculty: **Mitchell D. Schnall, MD, PhD**

2:45 pm – 3:00 pm  
Overview of Patient-centered Outcomes Research  
Faculty: **Jeffrey G. Jarvik, MD, MPH**
3:00 pm – 3:15 pm
Overview of Patient-reported Outcomes Measures including Measuring and Assessing Patient-reported Outcomes (PROs) in CER Studies
Faculty: Brian W. Bresnahan, PhD

3:15 pm – 3:30 pm
Panel Discussion
Faculty: Rebecca Smith-Bindman, MD, MPH
Pari Pandharipande, MD, MPH
Mitchell D. Schnall, MD, PhD
Jeffrey G. Jarvik, MD, MPH
Brian W. Bresnahan, PhD

Learning Objectives:
1. Describe the key methodologies and measures used in comparative effectiveness and patient-centered outcomes research involving screening and diagnostic imaging.
2. Assess the challenges of comparative effectiveness and patient-centered outcomes research related to both screening and diagnostic imaging.
3. Identify new opportunities for comparative effectiveness and patient-centered outcomes research directly related to radiology.

3:30 pm – 4:00 pm
Break and Poster Viewing
Location: Platinum Ballroom Salon E

4:00 pm – 5:30 pm
A³CR²/APDR/SCARD/ACER/AMSER Session
Location: Platinum Ballroom Salon D

Brogdon Panel: Innovations in Radiology Resident Education
Moderators: Prasad R. Shankar, MD
Faculty: Theresa C. McLoud, MD
Richard B. Gunderman, MD, PhD
Colin Strickland, MD

Learning Objectives:
1. Identify recent innovations in resident education.
2. Describe teaching methods that address current residency issues.
3. Explain the use of new technology in education.

6:30 pm – 8:30 pm
AUR Welcome Reception
Location: JW Marriott Pool Deck
Thursday, April 11, 2013

7:00 am – 8:15 am  
**GERRAF/RAHSR Session 1**  
Location: Platinum Ballroom Salons F and G

Research in Progress: GERRAF Fellows  
Moderators: **Paul P. Cronin, MBBCh**  
**Ajay Gupta, MD**

2013 Junior Fellow: **Tessa S. Cook, MD, PhD**  
Project Title: TB or Not TB: The Cost-Effectiveness of Chest Radiographs vs. Serum IGRAs in Healthcare Workers with a Positive Tuberculin Skin Test for the Detection of Tuberculosis

8:15 am – 8:30 am  
**Break**

8:30 am – 10:00 am  
**$A^3 CR^2 /APDR/SCARD/APCR Session**  
Location: Platinum Ballroom Salon D

Problem Solving Roundtables  
Moderators: **Jennifer Shih, MD**  
**Jesse D. Woodard, MD**  
Faculty: **Darel E. Heitkamp, MD**  
**Charles S. Resnik, 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.

10:00 am – 10:30 am  
**Break and Poster Viewing**  
Location: Platinum Ballroom Salon E

10:30 am – 12:00 pm  
**AUR Plenary Keynote Session**  
Location: Platinum Ballroom Salon D

2013 and Beyond: Is Academic Radiology an Endangered Species?  
Moderator: **Jocelyn D. Chertoff, MD, MS**  
Faculty: **Darrell G. Kirch, MD (AAMC)**

Learning Objectives:
1. Identify the opportunities and challenges associated with the current health care system.
2. Identify and understand the set of competencies required from future physicians to lead transformational change.
3. Examine the need for alignment between core ethical principles and future health system change.
12:00 pm - 1:00 pm  **Luncheon and AUR Business Meeting**  
Location: Diamond Ballroom Salons 4 and 5

1:00 pm - 1:45 pm  **Philips Vydareny Imaging Interpretation Competition 2**  
Location: Diamond Ballroom Salons 4 and 5  
*Presented by Mallinckrodt Institute of Radiology*  
Moderator:  *Kristopher Cummings, MD*  
Faculty:  *Steven Sauk, MD*  
*Elizabeth Sheybani, MD*  
*Colin Michael Thompson, MD*

2:00 pm – 3:30 pm  **AUR Scientific Sessions**  
(Select a session from the following):  

SS01: Learning Continuum  
Location: Platinum Ballroom Salon D

SS02: Evaluation  
Location: Platinum Ballroom Salon C

SS03: Cardiopulmonary; ER/On Call  
Location: Platinum Ballroom Salons A and B

SS04: Women’s Imaging; Abdominal  
Location: Platinum Ballroom Salons F and G

SS05: Neuroradiology; Interventional Radiology; Musculoskeletal  
Location: Platinum Ballrooms Salons H and I

SS06: RAHSR Session  
Location: Diamond Ballroom Salon 6

3:30 pm – 4:00 pm  **Break and Poster Viewing**  
Location: Platinum Ballroom Salon E

4:00 pm – 5:30 pm  **SARRAD Program 5**  
Location: Diamond Ballroom Salon 6

Junior Faculty Panel: Balancing Life and Career in Academic Radiology  
*Moderator:*  *Aine M. Kelly, MD*  
*Panelists:*  *Paul P. Cronin, MBBCh; Marta E. Heilbrun, MD;*  
*Mark E. Mullins, MD, PhD; Pina C. Sanelli, MD, MPH*
Friday, April 12, 2013

7:00 am – 8:30 am  **GERRAF/RAHSR Session 3**
Location: Platinum Ballroom Salons F and G

Research in Progress
Moderators:  
Meghan G. Lubner, MD  
Christoph I. Lee, MD

2013 Junior Fellow: Katherine E. Maturen, MD
Project Title: What are We Missing? Diagnosing Uterine Adenomyosis using Ultrasound Elastography

8:30 am – 10:00 am  **SARRAD Program 6**
Location: Diamond Ballroom Salon 6

Roundtable Summary Discussions and Conclusions
Ruth C. Carlos, MD, MS  
James V. Rawson, MD

10:00am – 10:30 am  Break

10:30 am – 12:00 pm  **APDR/APCR Session**
Location: Platinum Ballroom Salon D

Innovative Tools for Education
Moderator: Janet E. Bailey, MD

10:30 am – 10:50 am  Animation in Education
Faculty: James V. Rawson, MD

Learning Objectives:
1. Explain how animation can be used to teach.
2. Apply skills in converting a text into animation.
3. Apply skills in creating an animated video.

10:50 am – 11:20 am  iPads: A Tool for Residency
Faculty: Harprit S. Bedi, MD

Learning Objectives:
1. Develop an understanding on how iPads can be incorporated into the workflow of a radiology resident.
2. Identify specific applications and techniques that can enhance the learning environment.
3. Appreciate how mobile technology can change the way we deliver education content and enhance the clinical value of a radiologist.
11:20 am – 11:40 am
Social Media in Education
Faculty: Roland Talanow, MD, PhD

Learning Objectives:
1. List a spectrum of social media sites and applications that can be used for education.
2. Apply solutions how these resources can help the way we educate today.
3. Identify how these resources may influence education in the (near) future.

11:40 am – 12:00 pm
Q&A

12:30 pm – 3:00 pm
**Innovations in Academic Radiology Program** (Attendance is Encouraged)
Location: Platinum Ballroom Salons A, B & C

The Need for Collaboration and Proving Value in a Patient and Family Environment
Program Chair: Pablo R. Ros, MD, MPH
Course Director: James V. Rawson, MD

**Introduction and Overview**

12:30 pm – 12:40 pm
Innovations in Academic Radiology: Value Proposition
Faculty: Pablo R. Ros, MD, MPH

**Education**

12:40 pm – 12:50 pm
Collaboration in Radiology Education: Citywide Education Efforts
Faculty: Rajeev Suri, MD

12:50 pm – 1:00 pm
Proving the Value of the Radiologist as an Educator
Faculty: Robert A. Novelline, MD

1:00 pm – 1:10 pm
Training Radiology Residents to Talk to Patients and Families
Faculty: Stephen D. Brown, MD

1:10 pm – 1:20 pm
Q&A

**Research**

1:20 pm – 1:30 pm
Innovation in Academic Radiology Research: Value Proposition
Faculty: Jonathan S. Lewin, MD
1:30 pm – 1:40 pm
What Will Valuable Radiology Research Look Like in 2020?
Faculty: Sajiv S. Gambhir, MD, PhD

1:40 pm – 1:50 pm
Who Are Radiologist’s Future Research Collaborators?
Faculty: Richard L. Ehman, MD

1:50 pm – 2:00 pm
Social Media and Research in Radiology
Faculty: Heather A. Curry, MD

2:00 pm – 2:10 pm
Q&A

Clinical

2:10 pm – 2:20 pm
Clinical Radiology: The Value Proposition
Faculty: Bibb Allen Jr., MD

2:20 pm – 2:30 pm
Collaborations across Departments: Centers of Excellence
Faculty: Erik K. Paulson, MD

2:30 pm – 2:40 pm
Collaborations across Departments: Centers for Excellence
Faculty: Richard D. White, MD

2:40 pm – 2:50 pm
Patients as Partners
Faculty: James V. Rawson, MD

2:50 pm – 3:00 pm
Q&A

Learning Objectives:
1. Describe the value radiology brings to medical education, research, and clinical practice.
2. Evaluate the benefits of collaboration between academic departments in and outside of radiology in education, research, and clinical practice.
3. Evaluate the benefits of involving patients and families in the triple mission of Academic Radiology Departments.

6:30 pm - 7:30 pm
Annual Banquet Cocktail Reception (optional)
Location: Platinum Ballroom Foyer

7:30 pm - 10:00 pm
Annual Banquet and Awards Ceremony (optional)
Location: Platinum Ballroom Salon D