

AUR 55th Annual Meeting Program

Black entry indicates educational programming; purple entry indicates society-specific events or an event where prior registration was required.






R indicates programming of special interest to residents.

SAR indicates SARRAD programming.





Tuesday, April 24, 2007

7:00 AM–7:00 PM	Meeting Registration Location: Centennial Foyer	
7:00 AM–5:00 PM	Molecular Biology for Imagers Course Location: Mineral B/C	
8:30–11:45 AM	Medical Education Research Certificate (MERC) Workshop 1 (Sponsored by RSNA) Formulating Research Questions and Designing Studies Location: Mineral Hall F/G Course Director: <i>Jannette Collins, MD, MEd, FCCP*</i> Moderator: <i>Larry D. Gruppen, PhD</i> Learning Objectives: <ol style="list-style-type: none">1. Identify an area of interest in medical education.2. Write a measurable research question.3. Identify the best research design for the research question.4. Describe the factors that will or will not make the study feasible.	ED RS
11:45 am–12:45 pm	MERC Luncheon Location: Granite A/B/C	
12:45–4:00 PM	Medical Education Research Certificate (MERC) Workshop 2 (Sponsored by RSNA) Measuring Educational Outcomes: Reliability and Validity Location: Mineral Hall F/G Course Director: <i>Jannette Collins, MD, MEd, FCCP*</i> Facilitator: <i>Larry D. Gruppen, PhD</i> Learning Objectives: <ol style="list-style-type: none">1. Explain that reliability and validity are characteristics of the scores rather than the test.2. Identify three types of reliability.3. Match types of reliability with appropriate statistical measures.4. Describe the relationship between reliability and validity.5. Describe the six forms of evidence for validity.6. Select the best type of reliability and validity evidence for your particular study.	ED RS
2:00–7:00 PM	Speaker Ready Room Location: Agate C	
4:15–5:45 PM	APDR Session Teaching Skills: The Three-Minute Teacher Location: Mineral Hall F/G Faculty: <i>Beverly P. Wood, MD, MEd, PhD*</i> Learning Objectives: <ol style="list-style-type: none">1. Diagnose the learner needs.2. Provide focused teaching on a topic.3. Deliver feedback to learners.	ED

Wednesday, April 25, 2007

6:30–8:00 AM	Continental Breakfast (all attendees) Location: Centennial D	
6:30 AM–4:30 PM	Meeting Registration Location: Centennial Foyer	
6:30 AM–6:00 PM	Speaker Ready Room Location: Agate C	
7:00–8:00 AM	A³CR² Steering Committee Meeting Location: Mineral Hall A	
7:00–8:00 AM	 SARRAD Program: Part 1 Location: Centennial G Introduction Faculty: <i>Jonathan S. Lewin, MD*</i> Learning Objectives: 1. To define major challenges in achieving success as an academic radiologist. 2. To determine skills which are central to academic practice leadership. 3. To determine small-group topics of greatest impact in facing leadership and academic challenges.	
7:00–8:00 AM	AUR Long-Range Planning Committee Meeting Location: Granite A/B/C	
7:00–9:30 AM	APCR Board Meeting Location: Quartz A	
7:30 AM–5:30 PM	AUR-Kodak Radiology Management Program Location: Mineral Hall F/G	
8:00 AM–12:00 PM	 A³CR²/RAHSR Critical Thinking Skills Session  Location: Mineral Hall B/C/D/E “Bottom-Up” Evidence-based Practice: Rules and Tools for Practice-based Learning Faculty: <i>Dermot E. Malone, MD*</i> <i>William Hollingworth, PhD</i> <i>Marie Staunton, MBBCh</i> Facilitators: <i>C. Craig Blackmore, MD, MPH*</i> <i>Elizabeth S. Burnside, MD, MPH, MS</i> <i>Ruth C. Carlos, MD, MS</i> <i>Paul P. Cronin, MBBCh</i> <i>Jeffrey G. Jarvik, MD, MPH*</i> <i>Annette J. Johnson, MD, MS</i> <i>Aine M. Kelly, MD, MS*</i> <i>Geetika Khanna, MD*</i> <i>Edwin J. R. van Beek, MD, PhD, FRCR*</i>	 
[8:00–8:40 AM]	Introduction and Overview	
[8:45–9:10 AM]	ASK: Think-Pair-Share	
[9:15–10:30 AM]	SEARCH	
[10:30–10:45 AM]	Break	

[10:45 AM–12:00 PM]	APPRAISE and APPLY	<p>Learning Objectives: Registrants who attend this three-part workshop should understand:</p> <ol style="list-style-type: none"> 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 into the spectrum of general academic radiology practice activities. 	
8:00–9:00 AM	AUR Membership Committee Meeting	Location: Granite A/B/C	
9:00 AM–12:30 PM	AUR Board of Directors Meeting (lunch served)	Location: Granite A/B/C	
9:30–10:00 AM	APCR Liaison Committee Meeting	Location: Quartz A	
9:30–11:30 AM	AMSER Symposium 1	Location: Centennial F	ED
	New Ways to Teach, Mentor, and Advise: Part 1	Moderator: <i>Beverly P. Wood, MD, MEd, PhD*</i>	
	Faculty:		
	Introduction to Using Team-based Learning in Radiology Education:		
	Team Learning Collaborative		
	<i>Paul G. Koles, MD</i>		
	<i>Dan Mayer, MD*</i>		
	Learning Objectives:		
	<ol style="list-style-type: none"> 1. Identify the components necessary to design and execute a complete module of team-based learning. 2. Explain how team-based learning differs from other methods of active learning which utilize small groups. 3. Determine effective ways of assigning learners to teams. 4. Recognize the impact and value of participating in a team by working through a group readiness assessment test and application exercises. 		
10:00–11:00 AM	APCR Past Presidents’ Meeting	Location: Quartz A	
11:00 AM–1:00 PM	APDR Committee Meetings	Location: Centennial A/B	
11:30 AM–12:30 PM	AMSER Program Planning Committee Meeting	Location: Quartz B	
12:30–1:00 PM	Break: Poster and Exhibit Viewing, Lunch on Your Own	Location: Centennial D	
1:00–2:30 PM	(R) SNM/SCARD Joint Session	Controversies and Problem Solving in Nuclear Medicine Training	NM ED
	Location: Centennial E		
	Moderator: <i>Jay A. Harolds, MD</i>		
	Faculty:		
[1:05–1:25 PM]	Experience	<i>Ronald L. Arenson, MD*</i>	

[1:25–1:40 PM]	Requirements <i>Gary T. Smith, MD*</i>	
[1:40–1:55 PM]	Cross-sectional Modalities <i>N. Reed Dunnick, MD</i>	
[1:55–2:10 PM]	Optimal Roles <i>Stephen R. Baker, MD</i>	
[2:10–2:30 PM]	Discussion Learning Objectives: 1. Discuss the things radiologists and dedicated nuclear medicine physicians can do for each other regarding training and interpretation of studies in PET/CT. 2. Compare and contrast the match results for nuclear medicine and radiology residency programs. 3. Discuss the differences of opinion in the amount of training needed to interpret PET/CT images.	
1:00–3:30 PM	 SARRAD Program: Part 2 Location: Mineral Hall B/C Faculty:	
[1:00–1:30 PM]	Professionalism and Ethics in Radiology <i>Robert R. Hattery, MD</i> Learning Objectives: 1. Increase awareness of professionalism as a competency. 2. Review the charter on professionalism. 3. Discuss mentoring.	
[1:30–2:15 PM]	Leadership <i>G. Scott Gazelle, MD, MPH, PhD*</i> Learning Objectives: 1. Understand different leadership opportunities and styles. 2. Understand demands and expectations of leaders in health care. 3. Learn how to use a variety of skills to lead in different organizations and situations.	
[2:15–3:30 PM]	Critical Communication Skills and Conflict Resolution <i>Jonathan S. Lewin, MD*</i> Learning Objectives: 1. To define central issues in critical communication. 2. To describe skills which are central to successful conflict resolution and difficult conversations. 3. To learn concepts and techniques for successful discussion of difficult topics and critical communication.	
1:00–3:45 PM	APDR Board of Directors Meeting Location: Mineral Hall A	
2:30–3:30 PM	 A³CR² Business Meeting Location: Centennial H	
2:30–3:30 PM	RAHSR Board of Directors Meeting Location: Quartz A	
2:30–3:30 PM	AUR Scientific Session 1 (SS01) CT Research (Papers 1–6) Location: Centennial F	
2:30–3:30 PM	AUR Scientific Session 2 (SS02) MR Research (Papers 7–12) Location: Centennial G	

3:00–5:00 PM

SCARD Members Forum

HP MA

Location: Mineral Hall D/E
Facilitator: *Stephen R. Baker, MD*

Learning Objectives:

1. Be acquainted with constraints of ABR and RRC rules regarding modification of radiology residency programs.
2. Provide a forum for discussion of innovative changes to radiology residency programs.
3. Relate possible changes to timing of board exams.
4. Discuss implementation of sustenance of radiology residency programs.

3:30–4:00 PM

Break: Poster and Exhibit Viewing

Location: Centennial D

4:00–5:30 PM

**A³CR²/APDR/SCARD/APCR Joint Session**

MA

Brogdon Panel Discussion: Resident Moonlighting

Location: Centennial E
Moderator: *R. Grace Bhardwaj, MD*

Learning Objectives:

1. Determine factors which motivate residents to pursue or decline moonlighting opportunities.
2. Discuss various attitudes regarding residents' participation in moonlighting activities.
3. Discuss benefits and limitations of such participation.

4:00–6:00 PM

**RAHSR Colloquium**

MA

Funding for Clinical and Health Services Research

Location: Centennial G
Moderator: *Pina C. Sanelli, MD**
Faculty: *C. Craig Blackmore, MD, MPH**
Elizabeth S. Burnside, MD, MPH, MS
Carol Cain, MD
*Eu-Meng Law, MBBS**

Learning Objectives:

1. To become familiar with early career awards available to radiologists.
2. To introduce mechanisms for obtaining continuation of funding support at the midcareer level.
3. To gain insight into funding opportunities sponsored by health services research organizations.

4:00–6:00 PM

AUR Scientific Session 3 (SS03)

HP MA

Administration and Health Sciences (Papers 13–24)

Location: Centennial F

6:00–7:00 PM

**A³CR²/APDR/SCARD/APCR Beer and Pretzels Reception**

Location: Centennial A/B

6:30–10:00 PM

AUR Board of Directors Dinner (by invitation only)

Location: The Broker Restaurant

7:00–8:00 PM

APCR Reception

Location: Centennial C

Thursday, April 26, 2007

6:30–8:00 AM	Continental Breakfast (all attendees) Location: Centennial D	
6:30 AM–4:30 PM	Meeting Registration Location: Centennial Foyer	
6:30 AM–5:00 PM	Poster and Exhibit Viewing Location: Centennial D	
6:30 AM–6:00 PM	Speaker Ready Room Location: Agate C	
7:00–8:30 AM	AMSER Board Meeting Location: Quartz A	
7:00–8:30 AM	(R) A³CR²/ACR Session Location: Centennial G Moderator: <i>Harvey L. Neiman, MD</i>	HP
7:00–8:30 AM	APDR/APCR Session ACGME Update with Discussion and Q&A/ABR Update with Discussion and Q&A Location: Centennial E Moderator: <i>Spencer B. Gay, MD*</i> Faculty: <i>E. Stephen Amis, Jr, MD, Chair, RRC</i> <i>Philip O. Alderson, MD, President, ABR</i> <i>Robert R. Hattery, MD, Executive Director, ABR</i> <i>Linda Thorsen, MA, Associate Executive Director, RRC Anesthesia and Diagnostic Radiology</i> Learning Objectives: 1. Learn how the ACGME, RRC, and ABR interact. 2. Learn new requirements of the ACGME for radiology residency programs. 3. Learn new directions for ABR activities including SAMs and MOC.	ED
7:00–8:30 AM	RAHSR Open Seminar Works in Progress Location: Mineral Hall B/C Moderator: <i>Aine M. Kelly, MD, MS*</i> Faculty: <i>Paul P. Cronin, MBCh</i> <i>Fiona M. Fennessy, MD, PhD*</i> <i>Jeffrey G. Jarvik, MD, MPH*</i> <i>Martin H. Reed, MD*</i> <i>Pina C. Sanelli, MD*</i> Learning Objectives: 1. Attendees will hear of the more common areas of difficulty encountered in carrying out research projects, as presented by the faculty. 2. Through open discussion, the audience will be able to respond and make suggestions based on their own experience. In this way, the audience will learn the benefits of open discussion or debate in problem solving. 3. The audience will share opinions and meet like-minded researchers with whom they can discuss issues and possibly collaborate with in the future. 4. Attendees may learn how to solve problem areas in their own research through hearing the ongoing discussions between faculty and the audience.	RS
7:00–8:30 AM	SARRAD Program: Part 3 Location: Mineral Hall D/E Faculty:	
[7:00–7:45 AM]	Radiological Professional Organizations: Making Sense of the “Alphabet Soup” <i>N. Reed Dunnick, MD</i>	

Learning Objectives:

1. Learn the differences between broad-based societies and specialty societies.
2. Understand how our professional radiology societies are funded.
3. Appreciate how the broad-based and subspecialty societies contribute to the field of radiology.
4. Realize how you may volunteer to contribute to a subspecialty society.

[7:45–8:30 AM]

Networking in the Radiology Profession/Community*Steven E. Seltzer, MD**

Learning Objectives:

1. To help attendees understand the value of “professional networking” to facilitate their own career development.
2. To identify the most valuable professional networking opportunities in the academic radiology community.
3. To help attendees understand the role of professional networking in the academic radiology arena.

7:30 AM–5:30 PM

AUR-Kodak Radiology Management Program

Location: Mineral Hall F/G

8:30–10:00 AM

AMSER Business Meeting

Location: Centennial G

8:30–10:00 AM

APCR Business Meeting

Location: Centennial H

8:30–10:00 AM

APDR Business Meeting

Location: Centennial F

8:30–10:00 AM

**RAHSR Research Symposium**

BR MO

**State-of-the-Art Breast Imaging**

Location: Mineral Hall B/C

Moderator: *Elizabeth S. Burnside, MD, MPH, MS*

Faculty:

[8:30–9:00 AM]

Breast MR Imaging: Current Applications and Future Directions*Constance D. Lehman, MD, PhD**

Learning Objectives:

1. Learn evidence-based clinical indications for breast MR imaging.
2. Understand benefits and risks associated with breast MR imaging.
3. Understand future research directions needed for appropriate use of breast MR imaging.

[9:00–9:30 AM]

What We Learned from DMIST*Etta D. Pisano, MD**

Learning Objectives:

1. Understand the results of the Digital Mammographic Imaging Screening Trial (DMIST).
2. Learn what DMIST showed about the diagnostic accuracy for breast cancer screening of digital and film mammography for the entire population and various population subsets.
3. Learn what DMIST showed about the cost-effectiveness of digital and film mammography.

[9:30–10:00 AM]

**Breast Tomosynthesis***Elizabeth A. Rafferty, MD**

Learning Objectives:

1. Understand current limitations of mammography in breast cancer detection.
2. Learn the technical differences between the acquisition of tomosynthesis imaging and conventional mammographic imaging.
3. Learn the anticipated benefits of breast tomosynthesis in breast cancer screening.

10:00–10:30 AM

Break**AMA PRA Category 1 Credit™ Poster Session**

Location: Centennial D

GN

10:30 AM–12:00 PM

Academy of Radiology Research Board of Directors Meeting

Location: Mineral Hall A

10:30 AM–12:00 PM

**A³CR² Problem Solving 1**

GN

Location: Centennial H

Moderators: *Eva L. Lizer, MD**Ketan N. Naran, MD***Restructuring the Radiology Residency Program**

Learning Objectives:

1. To discuss the need to restructure the radiology residency program and to identify problems with the current setup.
2. To determine the pros and cons of 3/2 programs with built-in 2-year fellowship after 3 years of general radiology.
3. To discuss potential restructuring of the PGY-1 clinical year.
4. To present these ideas to the APDR/APCR/A³CR² roundtable session.

10:30 AM–12:00 PM

SNM/APDR Session

NM

The Secret Role of Nuclear Medicine in the Shaping of 21st-Century Radiology

Location: Mineral Hall D/E

Moderator: *Jay A. Harolds, MD*Faculty: *James H. Thrall, MD**

Learning Objectives:

1. Learn what elements of contemporary radiology practice were first applied in nuclear medicine.
2. Understand the concept of molecular medicine and the role of imaging in the age of molecular medicine.
3. Learn about factors promoting the convergence of historically disparate imaging methods.

10:30 AM–12:00 PM

AUR Scientific Session 4 (SS04)

ED

Resident Teaching I (Papers 25–33)

Location: Centennial F

12:00–2:00 PM

**Luncheon, Awards, and Philips Vydareny Imaging Interpretation Competition (Preliminary)**

Location: Centennial A/B/C

[12:00–1:00 PM]

Luncheon and Awards (Announcements and Introductions)

AUR Joseph E. and Nancy O. Whitley Awards (pages 26, 81)

AUR Memorial Award (pages 29, 71)

AUR Stauffer Awards (page 27)

RRA New Investigator Award (page 30)

GERRAF Fellows (page 31)

[1:00–2:00 PM]

Philips Vydareny Imaging Interpretation Competition (Preliminary) (page 35)

GN

Presented by Baylor College of Medicine and the University of Texas Medical School at Houston

Baylor College of Medicine

Moderator: *Pedro J. Diaz-Marchan, MD*Faculty: *Dean P. Chauvin, Jr, MD**Timothy J. Seipel, MD*

University of Texas Medical School at Houston

Moderator: *Sandra A. A. Oldham, MD*Faculty: *Michelle M. Miller-Thomas, MD**Seth H. Roberts, MD*

2:00–3:30 PM

APCR Committee Meetings

Location: Granite A/B/C

2:00–3:30 PM







**RRA/A³CR²/APDR/MICCAI**



GN

Radiology and Technology: Opportunities at the Interdisciplinary Edge

Location: Centennial E

Moderators: *Nobuhiko Hata, PhD***Jonathan S. Lewin, MD**

[2:00–2:30 PM]	Faculty: Robotics and Intervention <i>Simon DiMaio, MD</i> <i>Clare M. C. Tempany-Afdhal, MD*</i>	Learning Objectives: 1. To understand clinical applications of image-guided therapy, specifically in prostate diseases. 2. To understand the challenges in developing image-guided therapy systems for such applications. 3. To understand the role of robotics in MR-guided therapy, as well as the technical design requirements. 4. To learn about current and future devices.	
[2:30–3:00 PM]	Cardiac Modeling and Analysis <i>Leon Axel, MD, PhD</i> <i>Dimitris N. Metaxas, PhD</i>	Learning Objectives: 1. Seeing how cardiac imaging can be combined with tailored image analysis methods to provide data for modeling of cardiac function. 2. Understanding the benefits of an interdisciplinary approach to the modeling and analysis of cardiac structure and function. 3. Understanding and overcoming some potential barriers to interdisciplinary research collaborations.	
[3:00–3:30 PM]	Facilitation and Potential Roadblocks in Interdisciplinary Research <i>Panel Discussion</i>		
2:00–3:30 PM	 SARRAD Program: Part 4 Junior Faculty Panel: Balancing Life and Career in Academic Radiology Location: Mineral Hall D/E Moderator: <i>Ruth C. Carlos, MD, MS</i> Faculty: <i>Elizabeth S. Burnside, MD, MPH, MS</i> <i>Janie M. Lee, MD, MS*</i> <i>Claude B. Sirlin, MD</i>		
2:00–3:30 PM	Academic Leadership Meeting Location: Marble		
3:30–4:00 PM	Break		
4:00–4:30 PM	 AMA PRA Category 1 Credit™ Poster Session Location: Centennial D		
4:00–4:30 PM	RRA Executive Committee Meeting and Advisory Council Location: Mineral Hall A		
4:00–5:30 PM	 A³CR² Film Panel 1 Location: Centennial E Moderators: <i>R. Grace Bhardwaj, MD</i> <i>Derek R. Staner, MD</i>		
4:00–5:30 PM	AMSER Symposium 2 New Ways to Teach, Mentor, and Advise: Part 2 Location: Centennial H Moderator: <i>Judith K. Amorosa, MD</i> Faculty:		
[4:00–4:45 PM]	Case-based Learning: Interactive Tutorials <i>Spencer B. Gay, MD*</i>		

	Learning Objectives:	
	<ol style="list-style-type: none"> 1. Learn new approaches to medical student and resident education. 2. Learn how to create case-based tutorials. 3. Learn how case-based learning differs from didactic learning. 	
[4:45–5:30 PM]	Apps of Steel: Mentoring the Match Game <i>Donna Magid, MD, MEd</i> Learning Objectives: <ol style="list-style-type: none"> 1. Brief summary of the current competitive nature of the radiology match. 2. Familiarize advisors and faculty with the demands of the ERAS application process, to better guide applicants through the maze; suggest student and faculty calendar for each phase, to help students optimize the organization of the CV, the LOR, the dean's meeting, and application submission. 3. What to tell the noncompetitive student: What is a noncompetitive student? Whose life is it? 4. Boot camp, charm school, finishing school—how to prepare for the interview circuit. 5. Reality testing: submitting the match list. 	
4:00–5:30 PM	APCR Workshop What a Curriculum Is: Design, Development, Application, and Testing to the Curriculum Objectives Location: Mineral Hall D/E Moderator: <i>Beverly P. Wood, MD, MEd, PhD*</i> Learning Objectives: <ol style="list-style-type: none"> 1. Design the elements of a significant learning experience. 2. Connect learning objectives, assessment, and teaching methods. 	ED
4:00–5:30 PM	AUR Scientific Session 5 (SS05) Resident Teaching II (Papers 34–42) Location: Centennial F	ED
4:00–5:30 PM	AUR Scientific Session 6 (SS06) General Research (Papers 43–51) Location: Centennial G	GN
4:00–6:00 PM	 RAHSR Advanced Critical Thinking Skills (Interactive Session) Location: Mineral Hall B/C Moderator: <i>Annette J. Johnson, MD, MS</i> Faculty: <i>Kimberly E. Applegate, MD, MS*</i> <i>Bruce J. Hillman, MD*</i> <i>Edward V. Staab, MD</i> Learning Objectives: <ol style="list-style-type: none"> 1. To gain practical tips regarding the organization, frequency, location, and content of successful journal clubs. 2. To learn the usefulness of STARD as a guideline for critical assessment of radiology literature in journal clubs. 3. To apprise readers of the radiology literature of special challenges proffered by imaging studies and offer methods for addressing them. 4. To consider how to improve critical reading in attendees' home departments. 	ED GN
4:30–5:00 PM	RRA Business Meeting Location: Mineral Hall A	
6:30–8:30 PM	 Welcome Reception (all attendees) Location: Pinnacle Club	
6:30–10:00 PM	AUR-Kodak Radiology Management Program Dinner Location: Centennial A	

Friday, April 27, 2007

6:30–8:00 AM	Continental Breakfast (all attendees) Location: Centennial D	
6:30 AM–4:30 PM	Meeting Registration Location: Centennial Foyer	
6:30 AM–5:00 PM	Poster and Exhibit Viewing Location: Centennial D	
6:30 AM–6:00 PM	Speaker Ready Room Location: Agate C	
7:00–8:30 AM	RAHSR Open Business and Membership Meeting Location: Mineral Hall D/E	
7:00–8:30 AM	SCARD Board of Directors Meeting Location: Granite B	
7:00–8:30 AM	(R) A³CR²/ABR Session ABR: A Lifetime of Engagement Location: Mineral Hall B/C Moderator: <i>Robert R. Hattery, MD</i> Learning Objective: Share information and ideas between ABR and chief residents.	HP PR
7:00–8:30 AM	APDR/APCR Session Debate: Controversies in Radiology Training Location: Centennial E Moderator: <i>Duane G. Mezwa, MD</i> Faculty:	ED
[7:00–7:15 AM]	IR Pathway Pro: <i>Warren Swee, MD</i> Con: <i>Eric M. Spickler, MD</i>	
[7:15–7:30 AM]	24-Hour ER Coverage Pro: <i>Hugh H. Kerr, MD</i> Con: <i>Deborah A. Baumgarten, MD, MPH*</i>	
[7:30–7:45 AM]	Transitional Year versus Five-Year Program Pro: <i>Lawrence P. Davis, MD</i> Con: <i>Robert D. Tarver, MD</i>	
[7:45–8:00 AM]	APCR Certification Pro: <i>Amy Richgels</i> Con: <i>To be announced</i>	
[8:00–8:15 AM]	Research: Mandatory or Not Pro: <i>N. Reed Dunnick, MD</i> Con: <i>Deborah L. Reede, MD</i>	
[8:15–8:30 AM]	Panel Discussion Learning Objective: Through the forum of classic debates, the audience will come to more fully understand some of the major issues that face educators in diagnostic radiology; there will be five issues debated, with time allowed for audience interaction and comment.	

7:00–8:30 AM

**SARRAD Program: Part 5****Becoming an Outstanding Teacher: Effective Case Conferences and Didactic Lectures**

Location: Centennial G

Faculty: *Jannette Collins, MD, MEd, FCCP**

Learning Objectives:

1. Apply adult learning principles in planning and delivering presentations.
2. Describe and demonstrate effective presentation skills.
3. Develop effective case-based presentations.

7:30–8:30 AM

RRA Liaison Committee Meeting

Location: Granite A

7:30 AM–5:30 PM

AUR-Philips Academic Faculty Development Program

Location: Mineral Hall F/G

8:00–9:00 AM

APDR Fellowship Issues Committee Meeting

Location: Marble

8:30–10:00 AM

**APDR/AUR/SCARD/A³CR²/APCR Joint Session**

APDR Keynote: The Problem Physician



Location: Centennial E

Moderator: *Martha B. Mainiero, MD*Faculty: *Martha Illige, MD*

Learning Objectives:

1. To define the three issues in physicians in training or practice.
2. To identify issues early, know referral resources, and be able to intervene.
3. To place physician performance issues in the larger context of patient safety and people management skills.

8:30–10:00 AM

GERRAF Breakfast Session

Location: Centennial G

8:30–10:00 AM

AUR Editorial Executive Committee Meeting and Deputy Editors Meeting

Location: Mineral Hall A

10:00–10:30 AM

Break**AMA PRA Category 1 Credit™ Poster Session**

Location: Centennial D

10:30 AM–12:00 PM

**APDR/AUR/SCARD/A³CR²/APCR Joint Session**

ACR Keynote: Education and the Generation Gap

Location: Centennial E

Moderator: *Lawrence P. Davis, MD*Faculty: *Breda Bova, MS, PhD*

Learning Objectives:

1. Identify the four generations in the workplace.
2. Describe the characteristics of each generation.
3. Discuss the factors that influence and motivate the four generations in the workplace.

12:00–1:30 PM

Lunch on Your Own

12:00–1:30 PM

APDR/APCR Session

IN

Digital Media Exchange

Location: Centennial H
 Moderator: *Duane G. Mezwa, MD*
 Faculty: *Tammy L. Skinner*

Learning Objectives:

This session will allow participants to interact with colleagues from around the country. Both program directors and coordinators are asked to bring digital materials (ie, lectures in PowerPoint, evaluation forms, charts, scheduling programs, Web site materials, etc) that they would like to share with others. This will be a co-op type of session. Flash drives (courtesy of the ACR) will be provided to all attending to store the information they would find beneficial to take home. You are encouraged to bring your laptops to display and share your material.

12:00–2:00 PM

SCARD Business Meeting and Luncheon

Location: Centennial F

12:00–2:00 PM

SNM Session

NM HP QA

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

Location: Mineral Hall B/C
 Moderator: *Bennett S. Greenspan, MD, MS*
 Faculty: *Stephen M. Karesh, PhD**

Learning Objectives:

1. To be familiar with the most recently updated NRC regulations in 10 CFR Part 20 pertaining to radiation protection standards.
2. To be familiar with the most recently updated NRC regulations in 10 CFR Part 35 governing the use of radioactive materials in humans.
3. To be familiar with hot-lab operation, including generator elution, kit preparation, dose calibrator operation, and the requisite quality control procedures for all of these items.
4. To be familiar with radionuclide therapy procedures and to be able to list the radiation safety precautions that must be implemented when therapeutic radiopharmaceuticals are administered to patients.
5. To be familiar with the ALARA program and the maximum permissible doses for radiation workers, including whole-body, extremity, skin, eye, and internal organ dose limits.
6. To be familiar with required signage for various conditions involving isotope administration to patients, as well as storage of radioactive materials.

1:30–2:00 PM

AMSER/APDR Session

MA

Decoding the Dean's Letter

Location: Centennial G
 Moderator: *Petra J. Lewis, MD*
 Faculty: *Jocelyn D. Chertoff, MD*

Learning Objectives:

1. Understand the AAMC guidelines for construction of the dean's letter.
2. Recognize the coded messages in the summary statements.
3. Recognize common "red flags" embedded in the dean's letter.

2:00–3:30 PM

SCARD Joint Session

CH ED

Training in Reading of Plain Chest Films

Location: Mineral Hall B/C
 Moderator: *Dieter R. Enzmann, MD*
 Faculty: *Jonathan G. Goldin, MBChB, PhD*
Robert D. Suh, MD

2:00–3:30 PM

**A³CR² Problem Solving 2**

Location: Mineral Hall D/E
 Moderators: *Eva L. Lizer, MD*
Ketan N. Naran, MD

GN

Restructuring the Radiology Residency Program

Learning Objectives:

1. To discuss the need to restructure the radiology residency program and to identify problems with the current setup.
2. To determine the pros and cons of 3/2 programs with built-in 2-year fellowship after 3 years of general radiology.
3. To discuss potential restructuring of the PGY-1 clinical year.
4. To present these ideas to the APDR/APCR/A³CR² roundtable session.

2:00–3:30 PM

APCR Session

Location: Centennial G
 Faculty:

HP PR

[2:00–2:45 PM]

Enhancing Professionalism*Richard B. Gunderman, MD, PhD*

Learning Objectives:

1. Define professionalism.
2. Describe the importance of professionalism in daily practice.
3. Devise strategies to enhance professionalism.

[2:50–3:10 PM]

MQSA Education Requirements*Debra L. Monticciolo, MD*

Learning Objectives:

1. To understand the history and context of the federal mandate for education in mammography.
2. To outline the current educational requirements for residents and physicians who practice mammography.
3. To review the educational curriculum in breast imaging.

[3:10–3:30 PM]

Assessment Development: Lessons from the Diagnostic In-Training Examinations*Debra L. Monticciolo, MD*

Learning Objectives:

1. To discuss the development history of the in-training examination.
2. To review strategies in examination development.
3. To discuss the use of the examination in assessment and the evaluation of examination outcomes.

2:00–4:00 PM

AMSER/APDR Joint Session: Electronic Education Exhibits

Electronic exhibits selected from submitted abstracts

Location: Centennial A

GN

3:30–4:00 PM

Break**AMA PRA Category 1 Credit™ Poster Session**

Location: Centennial D

GN

4:00–5:00 PM

SCARD Session

Coverage of ER by Residents/Nighthawks

Location: Mineral Hall B/C

Moderator: *Dieter R. Enzmann, MD*

Faculty: *Marshall T. Morgan, MD*
Robert D. Suh, MD

MA

4:00–5:30 PM	(R) A³CR² Session Question Framing from Problem Solving Location: Mineral Hall D/E Moderator: <i>Wilbur L. Smith, Jr, MD</i>	GN
4:00–5:30 PM	(SAR) APDR/APCR Joint Session Helping Your Learners Learn: Teaching Styles and Learning Styles Location: Centennial E Moderator: <i>Jannette Collins, MD, MEd, FCCP*</i> Faculty: <i>Richard B. Gunderman, MD, PhD</i> Learning Objectives: 1. Define teaching style. 2. Describe different teaching styles. 3. Adapt teaching styles to learner needs.	ED
[4:00–4:45 PM]	<i>Beverly P. Wood, MD, MEd, PhD*</i> Learning Objectives: 1. Identify differences in the ways learners learn effectively. 2. Construct teaching methods to fit differing learning styles.	
[4:45–5:30 PM]		
5:30–6:30 PM	AUR 2008 Program Planning Committee Meeting Location: Mineral Hall A	
5:30–6:30 PM	AUR-Philips Academic Faculty Development Program Reception Location: Centennial C	
7:00–10:00 PM	APDR Past Presidents' Dinner (by invitation only) Location: The Broker Restaurant	

Saturday, April 28, 2007

6:30–8:00 AM	Continental Breakfast (all attendees) Location: Centennial D	
6:30 AM–4:00 PM	Poster and Exhibit Viewing Location: Centennial D	
6:30 AM–4:30 PM	Meeting Registration Location: Centennial Foyer	
6:30 AM–4:00 PM	Speaker Ready Room Location: Agate C	
7:00–8:30 AM	AMSER Seminar Building an Educator's Portfolio for Promotion: Educational Portfolio Workshop Location: Centennial G Moderator: <i>Kitt Shaffer, MD, PhD</i> Faculty: <i>Felix S. K. Chew, MD, MBA</i> <i>Robert A. Novelline, MD</i> <i>Carol M. Rumack, MD</i> Learning Objectives: 1. To become familiar with appropriate items to include in an educational portfolio. 2. To expand the view of a curriculum vitae to include the entire range of educational materials that may be considered in promotion on a teaching track. 3. To see a variety of formats for preparation of an educational portfolio.	MA PR

7:00–8:30 AM



APDR/APCR/A³CR² Roundtable Session

GN

Problem-Solving Roundtables

Location: Mineral Hall B/C/D/E

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

Learning Objectives:

1. To present the results of the chief residents' problem-solving sessions.
2. To have small-group discussions aimed at solving stated problems.
3. To present small-group solutions to participants.
4. To formulate an overall problem-solving action plan.

7:00–8:30 AM

AUR-ABR Leadership Meeting

Location: Granite A

8:30–10:00 AM



A³CR² Film Panel 2

GN

Location: Mineral Hall F/G

Moderators: *R. Grace Bhardwaj, MD*
Derek R. Staner, MD

Learning Objectives:

1. Learn content information regarding specific diseases presented.
2. Practice oral presentation skills.
3. Learn to succinctly present complex medical information.

8:30–10:00 AM

AMSER Symposium 3

MA

Making Your Efforts Valuable and Your Life Livable: Back to the Future

Location: Centennial F

Moderator: *Janet A. Neutze, MD*

Faculty:

[8:30–9:00 AM]

Getting the Medical School to Reimburse Your Department for a Radiology Clerkship: Revisited

Carl R. Fuhrman, MD

Learning Objectives:

1. Identify possible sources of funding for medical student education in radiology.
2. Identify a method of accurately tracking faculty time involved in medical student education in both clinical and preclinical years.
3. Identify methods of tracking indirect faculty time related to medical students (advising, mentoring, etc).
4. Identify faculty reward system for participation in medical student education.

[9:00–9:30 AM]

Negotiating a Radiology Clerkship Director's Contract: Skills for Obtaining Funding, Time, Space, and Faculty for Teaching

Robert A. Novelline, MD

Learning Objectives:

1. Identify needs for an individual radiology clerkship, including matters requiring negotiation.
2. Recognize individuals with whom one should negotiate to secure needs: department chair, dean, curriculum committee, faculty, and others.
3. Discuss skills required for successful negotiations, including preparing for negotiations, setting limits and goals, listening skills, articulating with clarity, and closing a deal.

[9:30–10:00 AM]

Achieving Flexibility and Job Satisfaction in a Radiology Practice through Job-Sharing, Variable Vacation, and Night Call Options

John L. Floyd, Jr, MD

Learning Objectives:

1. Understand the importance of flexibility in the radiology work space as a means of providing enhanced individual satisfaction and happiness along with improved group functioning.
2. Understand the advantages and disadvantages of outsourcing nighttime work.
3. Be able to match a potential job opportunity with personal lifestyle desires.
4. Understand how to orient career choices in order to achieve “balance” of one’s radiology practice with family and community pursuits.

8:30–10:00 AM

APDR/APCR Joint Session

ED PR

Location: Centennial E

[8:30–9:15 AM]

Learning Portfolios for Residents: What Are They, and How Do I Get Started?

Faculty:

[8:30–8:55 AM]

*Jannette Collins, MD, MEd, FCCP**

[8:55–9:15 AM]

Lori A. Dettie, MD

Learning Objectives:

1. Describe the components of a resident portfolio that meet the ACGME requirements.
2. Discuss the implementation and utilization of the resident portfolio as an assessment tool.

[9:15–10:00 AM]

Preparing for a Site Visit: Tips from the Field

Moderator: *Charles F. Lanzieri, MD*

Faculty:

Janet E. Bailey, MD

Learning Objectives:

1. List the most important parts of the program information form.
2. Recite the new core competencies and how best to address them.
3. Identify potential pitfalls in the site review process.

Gloria Jorge

Learning Objectives:

1. Define the role of the PC in site reviews.
2. Identify the important issues for PCs in the site visit.
3. List the responsibility of PCs in the site visit process.

Thomas E. Sumner, MD

Learning Objectives:

1. List the most important things that interest a site reviewer.
2. Define the role of the visit in the review process.
3. Identify the pitfalls in the site review process.

Linda Thorsen, MA

8:30–10:00 AM



RRA Symposium

HP MA

Resident Participation in Research: The Realm of Possibility

Location: Centennial H

Moderator: *Norman J. Beauchamp, Jr, MD, MHS**

Faculty: *E. Stephen Amis, Jr, MD*

*Ronald L. Arenson, MD**

*R. Nick Bryan, MD, PhD**

N. Reed Dunnick, MD

Robert R. Hattery, MD

*James H. Thrall, MD**

This session will review approaches to incorporating research training into residency programs. Chairmen from four leading academic institutions will present their approach to incorporating research, including what

has been effective and what has been less effective, how they measure success, impact on future likelihood of pursuing an academic career, and program funding. We will also obtain the perspectives of Dr Amis in his role as chairman of the Radiology Residency Review Committee and Dr Hattery in his role as executive director of the American Board of Radiology.

10:00–10:30 AM

Break: Poster and Exhibit Viewing

Location: Centennial D

10:30 AM–12:00 PM



A³CR² Session

MA

Problems Confronting the Chief Resident

Location: Mineral Hall F/G

Moderators: *Glenn C. Gaviola, MD**
Wilbur L. Smith, Jr, MD

[10:30–11:30 AM]

Audience Participation

[11:30 AM–12:00 PM]

Group Presentations and Panel Discussion

Learning Objectives:

1. Using a case-based approach in small groups, identify key strategies to problem-solve issues that confront the chief resident, including those involving co-residents and faculty, and how to address personal conflicts.
2. Network with incoming and outgoing chief residents on different problem-solving approaches.
3. Share ideas with the larger group on problem-solving strategies, with a discussion led by outgoing chief residents.

10:30 AM–12:00 PM

APDR/APCR Joint Session

MA

Location: Centennial E

Faculty:

[10:30–11:00 AM]

Program Director Advancement: Promotion

Moderator: *Michael J. Shortsleeve, MD*
Faculty: *Jocelyn D. Chertoff, MD*
Anne M. Silas, MD

Learning Objectives:

1. Articulate the functions and responsibilities of the program directors.
2. Reframe the work of the program director to function as currency for promotion.
3. Develop outcome measures to document successes as program directors.
4. Work with the APDR to organize and template an approach to promotion.

[11:00–11:30 AM]

In-Service Examination: Development and Use

Moderator: *Lawrence P. Davis, MD*

Learning Objectives:

1. Learn about the composition and design of the in-training examination.
2. Understand the time frame for examination construction, distribution, and scoring.
3. Discuss options for utilization of examination results.

[11:30 AM–12:00 PM]

Roundtable Discussion

Faculty: *Theresa C. McLoud, MD*
Debra L. Monticciolo, MD
Harold R. Neitzschman, Jr, MD, PhD
Katherine M. Richman, MD

10:30 AM–12:00 PM

RAHSR Scientific Session 7 (SS07)

GN

Administration and Health Services (Papers 52–57)

Location: Centennial G

Moderator: *Elizabeth S. Burnside, MD, MPH, MS*

10:30 AM–12:00 PM



SARRAD Program: Part 6

Roundtable Summary Discussions and Conclusions

Location: Centennial F

Faculty: Jonathan S. Lewin, MD*

Learning Objectives:

1. To communicate outcome of small-group projects in addressing major challenges in academic radiology.
2. To define further skill development opportunities leading to successful careers as leaders in academic practice.
3. To evaluate the SARRAD program and its value to the participants' future career development.

12:00–2:00 PM

Luncheon, AUR Business Meeting, and Philips Vydareny Imaging Interpretation Competition (Finals)

Location: Centennial A/B/C

[12:00–1:00 PM]

Luncheon and AUR Business Meeting

[1:00–2:00 PM]



Philips Vydareny Imaging Interpretation Competition (Finals)



Presented by Baylor College of Medicine and the University of Texas Medical School at Houston

Baylor College of Medicine

Moderator: Pedro J. Diaz-Marchan, MD

Faculty: Dean P. Chauvin, Jr, MD

Timothy J. Seipel, MD

University of Texas Medical School at Houston

Moderator: Sandra A. A. Oldham, MD

Faculty: Michelle M. Miller-Thomas, MD

Seth H. Roberts, MD

2:00–3:30 PM

AMSER Medical Education Workshop



Skinning YOUR Problem Cat: More Clerkship Issues—Audience-directed Panel Discussion

Location: Mineral Hall F/G

Moderator: Mark E. Mullins, MD, PhD

Faculty: Felix S.K. Chew, MD, MBA

Donald N. DiSalvo, MD

Holly C. Gil, MD

William Herring, MD

Donna Magid, MD, MEd

Learning Objectives:

1. To discuss similarities and differences between our medical student radiology educational courses and clerkships.
2. To share successful and unsuccessful strategies, curricula, and experiences in radiology medical student education.
3. To innovate new strategies, curricula, and experiences in radiology medical student education; furthermore, to discuss radiologists teaching anatomy in medical schools.
4. To discuss how one may get salary support for teaching radiology to medical students.
5. To consider and/or develop academic and educational projects and studies in which two or more of us can participate.

2:00–3:30 PM



APDR/APCR/A³CR²/SNM Session



The Fellowship Match Revisited/Seven Habits of Effective Fellows

Location: Centennial E

Moderator: Charles S. Resnik, MD

Faculty: Charles S. Resnik, MD

Sanjay K. Shetty, MD

David M. Yousem, MD

Learning Objectives:

1. To present and discuss results of the NRMP Radiology Fellowship Match for July 2007.
2. To present and discuss results of surveys about the 2006–2007 Radiology Fellowship Match from the radiology class of 2007, the Association of Program Directors in Radiology, and the Society of Skeletal Radiology.
3. To expound on the value of fellows having a personal mission/vision statement.
4. To enumerate the steps required to produce synergistic experiences between fellows and their colleagues.
5. To describe the framework for prioritizing items on a “to do” list for fellows.

2:00–3:30 PM

AUR Scientific Session 8 (SS08)
General Teaching I (Papers 58–66)

ED

Location: Centennial G

2:00–3:30 PM

GERRAF Mini-Retreat (RAHSR Joint Session)

RS

Location: Centennial F

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. (For abstracts, please see pages 78–81.)

2005 Fellows

*Fiona M. Fennessy, MD, PhD**

*Aine M. Kelly, MD, MS**

*Geetika Khanna, MD**

*Janie M. Lee, MD, MS**

2006 Fellows

*Wendy B. DeMartini, MD**

*Edward Y. Lee, MD**

*Cynthia S. Santillan, MD**

*Jingbo Zhang, MD**

2:00–6:00 PM



AUR-AAPM Imaging Physics Seminar

PH QA

Location: Centennial H

Faculty:

[2:00–2:15 PM]

Welcome and Brief Introduction

*Kimberly E. Applegate, MD, MS**, Codirector

William R. Hendee, PhD, Codirector

[2:15–2:45 PM]

CR/DR Physics and Safety Issues

*J. Anthony Seibert, PhD**

*Kimberly E. Applegate, MD, MS**

[2:45–3:15 PM]

Fluoroscopy Physics and Safety Issues

*Louis K. Wagner, MD**

Bennett S. Greenspan, MD, MS

[3:15–3:45 PM]

Optimal Techniques for MDCT

Richard L. Morin, PhD

*W. Dennis Foley, MD**

[3:45–4:15 PM]

MDCT Radiation Safety Issues

*Louis K. Wagner, MD**

*Kimberly E. Applegate, MD, MS**

[4:15–4:30 PM]

Break

[4:30–5:15 PM]

Optimal Techniques and Safety Issues for MR Imaging

*E. Russell Ritenour, PhD**

Arthur E. Stillman, MD, PhD

[5:15–5:50 PM]	<p>Optimal Techniques and Safety Issues for US <i>Mark S. Rzeszutarski, PhD</i> <i>Stephen W. Tamarkin, MD</i></p>	
[5:50–6:00 PM]	<p>Closing Remarks Learning Objectives:</p> <ol style="list-style-type: none"> 1. Gain an understanding of the importance of medical physics for optimizing image quality. 2. Learn how to improve image quality using imaging physics in case scenarios. 3. Improve radiation safety for patients undergoing ionizing imaging examinations. 4. Learn about Web and written educational sources for imaging physics. 	
3:30–4:00 PM	<p>Break: Poster and Exhibit Viewing Location: Centennial D</p>	
3:30–4:00 PM	<p>AUR Development Committee Meeting Location: Quartz A</p>	
3:30–5:00 PM	<p>SNM/APDR Session The Disruptive Professional: Interactive Case Scenarios Location: Centennial E Moderator: <i>Darlene F. Metter, MD</i> Faculty: <i>Ronald L. Arenson, MD*</i> (Chair Viewpoint) <i>Jay A. Harolds, MD</i> (Program Director Viewpoint) <i>Annemarie Relyea-Chew, JD, MS</i> (Legal Viewpoint) <i>Carol M. Rumack, MD</i> (Faculty Member Viewpoint)</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Review the impact of the disruptive behavior in the workplace. 2. Be able to identify resources for potential strategic solutions in dealing with the disruptive behavior. 3. Understand legal aspects of the disruptive behavior in the work environment. 	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">MA</div> <div style="border: 1px solid black; padding: 2px 5px;">PR</div> </div>
3:45–5:00 PM	<p>(R) A³CR² Business Meeting Location: Mineral Hall F/G</p>	
4:00–5:30 PM	<p>APCR Business Meeting Location: Centennial F</p>	
4:00–5:30 PM	<p>AUR Scientific Session 9 (SS09) General Teaching II (Papers 67–75) Location: Centennial G</p>	<div style="border: 1px solid black; padding: 2px 5px;">ED</div>
5:00–5:30 PM	<p>SNM Academic Council Meeting and Board Meeting Location: Quartz A</p>	
6:30–7:30 PM	<p>(R) Annual Banquet Cocktail Reception Location: Centennial Foyer</p>	
7:30–11:00 PM	<p>(R) Annual Banquet and Awards Ceremony Location: Centennial A/B/C</p>	