AUR 54th Annual Meeting Program
Black entry indicates open event; red entry indicates closed event.
★ indicates programming and events of special interest to residents.

Wednesday, April 5, 2006

6:30–8:00 AM  Continental Breakfast (all attendees)
Location:  Salon C

6:30 AM–4:30 PM  Meeting Registration
Location:  Governor’s Ballroom Foyer

6:30 AM–6:00 PM  Speaker Ready Room
Location:  Room 404

7:00–8:00 AM  A3CR2 Steering Committee Meeting
Location:  Room 406

7:00–8:30 AM  AUR Long-Range Planning Committee Meeting
Location:  Room 400

7:00–9:30 AM  APCR Board Meeting
Location:  Room 401

8:00 AM–12:00 PM  A3CR2/RAHSR Critical Thinking Skills Session
Location:  Salon B
‘‘Bottom-Up’ Evidence-based Practice: Rules and Tools for Practice-based Learning’’
Presenters:  Dermot E. Malone, MD
William Hollingworth, PhD
Marie Staunton, MBBCCh
Facilitators:  Yoshimi Anzai, MD, MPH★
C. Craig Blackmore, MD, MPH
Ruth C. Carlos, MD, MS
Paul P. Cronin, MBBCCh
Fiona M. Fennessy, MD, PhD★
Mukesh G. Harisinghani, MD
William Hollingworth, PhD
Jeffrey G. Jarvik, MD, MPH★
Annette J. Johnson, MD, MS
Aine M. Kelly, MD, MS★
Geetika Khanna, MD★
Janie M. Lee, MD, MS★
Dermot E. Malone, MD
Pina C. Sanelli, MD★
Marie Staunton, MBBCCh

[8:00–8:40 AM]  “Introduction and Overview’’
[8:45–9:10 AM]  “ASK: Think-Pair-Share (TIPS)”
[9:15–10:30 AM]  “SEARCH”
[10:30–10:45 AM]  Break
[10:45 AM–12:00 PM]  “APPRAISE and 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.

* Faculty financial disclosures are located in the Faculty Index.
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.

**WEDNESDAY, APRIL 5, 2006**

9:00 AM–12:30 PM  
**AUR Board of Directors Meeting (luncheon served)**  
Location: Room 400

9:30–10:00 AM  
**APCR Liaison Committee Meeting**  
Location: Room 401

10:00–11:00 AM  
**APCR Past Presidents’ Meeting**  
Location: Room 401

11:00 AM–1:00 PM  
**APDR Committee Meetings**  
Location: Salon A

12:30–1:00 PM  
**Break**  
**Poster and Exhibit Viewing**  
Location: Salon C

1:00–2:30 PM  
**SCARD Joint Session**  
Location: Salon D-E  
“How Do We Teach Emergency Radiology: An Exploration of Different Methods”  
Moderator: Stephen R. Baker, MD  
Faculty: Hani H. Abujudeh, MD, MBA  
Charles D. Levine, MD  
Stuart E. Mirvis, MD

Learning Objectives:
1. To describe the resident educational program in trauma/emergency radiology at the University of Maryland Medical Center Department of Diagnostic Radiology.
2. To discuss controversial aspects of primary resident coverage in emergency radiology.
3. To describe quality assurance mechanisms for resident interpretation/consultation in emergency radiology.

1:00–3:45 PM  
**APDR Board of Directors Meeting**  
Location: Room 406

2:30–3:30 PM  
**AUR Scientific Session 1 (SS01)**  
Chest (Papers 1–6)  
Location: Room 408  
Moderators: Lynn S. Broderick, MD  
Paul P. Cronin, MD

2:30–3:30 PM  
**AUR Scientific Session 2 (SS02)**  
Bone (Papers 7–12)  
Location: Room 410  
Moderator: Felix S. K. Chew, MD, MBA

2:30–3:30 PM  
**A3CR2 Business Meeting**  
Location: Room 412

2:30–3:30 PM  
**RAHSR Board of Directors Meeting**  
Location: Room 403

* Faculty financial disclosures are located in the Faculty Index.
3:30–4:00 PM
Break
Poster and Exhibit Viewing
Location: Salon C

4:00–5:00 PM
AUR Research and Education Foundation Board of Directors Meeting
Location: Room 402

4:00–5:30 PM
A3CR/APDR/SCARD/APCR Joint Session
“Brogdon Panel Discussion: Job Expectations for Chief Residents”
Faculty:
John W. Bonnett, MD
Jeremy L. Friese, MD
Sharon R. Helmer, MD
Joan E. Maley, MD
John D. York, MD

Learning Objectives:
1. Understand chief residents’ expectations for their job.
2. Understand program director’s expectations for the chief resident.
3. Address differences between expectations and experience.
4. Identify potential strategies to improve the chief resident’s experience from both the program director’s and chief resident’s perspective.

4:00–6:00 PM
RAHSR Colloquium
Location: Room 410
“Gazing Back, Looking Forward: Ten Years of RAHSR”
Moderator: C. Craig Blackmore, MD, MPH

[4:00–4:40 PM] “RAHSR’s Beginnings”
Michael J. Pentecost, MD

[4:40–5:20 PM] “Health Services Research: Lessons Learned from the Past”
Bruce J. Hillman, MD

Learning Objectives:
1. Understand the development of health services research in radiology.
2. Appreciate the obstacles that have impeded progress in the field.
3. Learn about opportunities to learn methodologies and participate in the field.

[5:20–6:00 PM]
“Looking to the Future: Molecular Imaging Research in the Outcomes Era”
David A. Mankoff, MD, PhD

Learning Objectives:
1. To understand the evolution of health services research in radiology.
2. To learn how health services research tools have been applied in radiology.
3. To learn the potential for application of health services research to emerging technologies in the future.

4:00–6:00 PM
AUR Scientific Session 3 (SS03)
Resident Education (Papers 13–24)
Location: Room 408
Moderator: Michael J. Shortsleeve, MD

6:00–7:00 PM
A3CR/APDR/SCARD/APCR Beer and Pretzels Reception
Location: Salon A

* Faculty financial disclosures are located in the Faculty Index.
Thursday, April 6, 2006

6:30–8:00 AM Continental Breakfast (all attendees)
Location: Salon C

6:30 AM–4:30 PM Meeting Registration
Location: Governor’s Ballroom Foyer

6:30 AM–5:00 PM Poster and Exhibit Viewing
Location: Salon C

6:30 AM–6:00 PM Speaker Ready Room
Location: Room 404

7:00–8:30 AM ACR³/ACR Breakfast Session
Location: Room 408
Moderator: Harvey L. Neiman, MD

7:00–8:30 AM AMSER Board Meeting
Location: Room 401

7:00–8:30 AM RAHSR Open Seminar
Location: Salon B
“Works in Progress”
Moderator: John Eng, MD

[7:00–7:45 AM] “Modeling (Microsimulation)”
G. Scott Gazelle, MD, MPH, PhD★

Learning Objectives:
1. Understand approaches to and advantages and disadvantages of microsimulation modeling.
2. Understand different sources of variability and uncertainty in microsimulation modeling.
3. Understand how a microsimulation model can be used to project the outcomes and costs associated with health care interventions.

[7:45–8:30 AM] “Cohort Studies”
Annette J. Johnson, MD, MS

Learning Objectives:
1. Recognize the different types of cohort study design, including prospective, retrospective, and multiple-cohort designs.
2. Appreciate the strengths and weaknesses of cohort studies.
3. Identify key issues in planning a cohort study.

7:00–8:30 AM APDR/APCR Breakfast Session
Location: Salon D-E
“ACGME Update with Discussions and Q&A”
Moderator: Spencer B. Gay, MD★
Faculty: Judith S. Armbruster, PhD
         Kay H. Vydareny, MD

* Faculty financial disclosures are located in the Faculty Index.
Learning Objective:
Be able to identify key objectives in the ACGME site visit.

7:30 AM–5:30 PM  
**AUR-Philips Academic Faculty Development Program**
Location: Room 406

8:30–10:00 AM  
**AMSER Business Meeting**
Location: Room 400

8:30–10:00 AM  
**APDR Business Meeting**
Location: Room 410

8:30–10:00 AM  
**RRA Research Symposium**
Location: Room 412
“Image-guided Therapy”
Moderators: King C. P. Li, MD, MBA
Lorraine G. Shapeero, MD

[8:30–9:00 AM]  
“Image-guided Therapy: The IR Suite of the Future”
*Bradford J. Wood, MD*

Learning Objectives:
1. Acquire an understanding of the multimodality IR suite of the future and its use to improve patient outcomes by utilizing and combining current and potential diagnostic imaging techniques.
2. Learn about the applications of current research initiatives to improve image guidance for interventional procedures.

[9:00–9:30 AM]  
“MR-guided Stem Cell Therapy”
*Jeff W. M. Bulte, PhD*

Learning Objectives:
1. Realize the potential of stem cell therapy and the need for noninvasive imaging techniques to bring this new paradigm into the clinic.
2. Become familiar with the different approaches that can be used to make stem cells “MR-visible.”
3. Become acquainted with the challenges and limitations of MR cell tracking, and learn about the first clinical trials.

[9:30–10:00 AM]  
“Multidisciplinary Dynamics in Image-guided Therapy”
*Jonathan S. Lewin, MD*

Learning Objectives:
1. Recognize the complexity of interdepartmental relationships in image-guided therapy.
2. Describe different approaches to creating a successful resolution to interdepartmental relationships in image-guided therapy.
3. Apply frameworks for interdepartmental relationships to their own dynamics in image-guided therapy.

10:00–10:30 AM  
**Break**

10:30 AM–12:00 PM  
**A’CR’ Problem Solving 1**
Location: Salon D-E
Moderators: Troy C. Avendano, MD
Eric M. Edds, MD

* Faculty financial disclosures are located in the Faculty Index.
THURSDAY, APRIL 6, 2006

10:30 AM–12:00 PM  SNM/APDR Session
Location: Salon B
“ACGME Updates and Site Visit Preparation Tips for Nuclear Medicine Residencies”
Moderators: Michael M. Graham, PhD, MD
Tom R. Miller, MD, PhD
Faculty: Judith S. Armbruster, PhD

Learning Objectives:
1. Discuss how to document compliance with program requirements in nuclear medicine.
2. Discuss how to document compliance with institutional requirements.
3. Discuss the importance of starting early and involving multiple people in the process of getting ready for a site review.

10:30 AM–12:00 PM  AUR Scientific Session 4  (SS04)
Abdomen (Papers 25–33)
Location: Room 408
Moderators: Saroja Adusumilli, MD
Deborah A. Baumgarten, MD, MPH

10:30 AM–12:00 PM  ARR Board of Directors Meeting
Location: Room 402

12:00–2:00 PM  Luncheon, Awards, and Philips Vydenery Imaging Interpretation Competition (Preliminary)
Location: Salon F-G
Awards
AUR Joseph E. and Nancy O. Whitley Award (pages 24, 65)
AUR Memorial Award (pages 27, 65)
AUR Stauffer Awards (page 25)
RRA New Investigator Award (page 27)
GERRAF Fellows (page 28)

[1:00–2:00 PM]  Philips Vydenery Imaging Interpretation Competition (Preliminary) (page 32)
Presented by University of Michigan
Moderator: Janet E. Bailey, MD
Faculty: Katherine E. Maturen, MD
John P. Murray, MD

2:00–3:30 PM  APCR Business Meeting
Location: Room 412

2:00–3:30 PM  RRA/A³CR/APDR Research Symposium
Location: Salon D-E
“Radiology Research Challenges and Their Solutions: Faculty/Trainee Perspectives”
Moderators: Norman J. Beauchamp, Jr, MD, MHS★
Jannette Collins, MD, MEd, FCCP
Wilbur L. Smith, Jr, MD

[2:00–2:20 PM]  “Senior Faculty/Fellow: Harvard University”
Steven E. Seltzer, MD★
Fiona M. Fennessy, MD, PhD★

* Faculty financial disclosures are located in the Faculty Index.

40  I  Association of University Radiologists
Learning Objectives:
1. Understand the factors that contribute to a successful research program for fellows.
2. Review extramural funding opportunities for research by trainees.
3. Provide perspectives from a departmental chair and a (former) fellow.

[2:20–2:40 PM] “Senior Faculty/Resident: Johns Hopkins University”
Aravind Arepally, MD
Clifford R. Weiss, MD

[2:40–3:00 PM] “Senior Faculty/Postdoctoral Student: University of Washington”
Jeffrey H. Maki, MD, PhD★
Maisie Wang, PhC★

[3:00–3:20 PM] “Senior Faculty/Medical Student: Wayne State University”
Wilbur L. Smith, Jr, MD
Ethan A. Smith, MD

[3:20–3:30 PM] Panel Discussion
Learning Objectives:
1. Learn about research challenges from the perspective of the faculty and trainee at different levels of training.
2. Become familiar with some solutions to these challenges for faculty and trainee at the fellowship, postdoctoral, resident, and medical student levels.

3:30–4:00 PM
Break
Category 1 CME Poster Session
Location: Salon C

4:00–4:30 PM
RRA Executive Committee Meeting and Advisory Council
Location: Room 402

4:00–5:30 PM
A’CR’ Film Panel 1
Location: Salon D-E
Moderators: Eric R. Handley, MD
Hilary M. Hochberg, MD
Learning Objectives:
1. Learn content information regarding specific diseases presented.
2. Practice oral presentation skills.
3. Learn to succinctly present complex medical information.

4:00–5:30 PM
AMSER Symposium 1
Location: Room 400
“Integrating Radiology into the Medical School Curriculum”
Moderator: Kitt Shaffer, MD, PhD

[4:00–5:00 PM] “Practicalities of an Integrated Curriculum”
Petra J. Lewis, MD
Marcia J. McCowin, MD
Kitt Shaffer, MD, PhD
Learning Objectives:
1. To understand how different programs attempt a 4-year integration of radiology into the medical school curriculum.
2. To understand the problems associated with longitudinal integration.

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THURSDAY, APRIL 6, 2006

[5:00–5:30 PM] “Incorporation of Radiology into the Anatomy Curriculum”
_Nancy J. McNulty, MD_

Learning Objectives:
1. To understand the benefits of integrating radiology with the teaching of gross anatomy.
2. To see the platform by which it is being done at one academic institution.

4:00–5:30 PM _APCR Session_
Location: Room 412
Moderator: _Jerri Crook_

_Kirsten Fredericks_

[4:30–5:00 PM] “Small Programs/Large Programs: Addressing Similar Problems—Panel Discussion”
Faculty: _Judith K. Amorosa, MD_
_Jennifer L. Apfel, BS_
_Kenneth L. Ford III, MD_
_Mary Ellen Hobler_
_Deborah L. Reede, MD_

[5:00–5:30 PM] “Report on Teaching Physics to Radiology Residents Forum”
Faculty: _Amy Richgels_
_Lois A. Shuman_

4:00–5:30 PM _AUR Scientific Session 5 (SS05)_
Neuroradiology (Papers 34–42)
Location: Room 408
Moderator: _Yoshimi Anzai, MD, MPH_

4:00–5:30 PM _AUR Scientific Session 6 (SS06)_
General (Papers 43–51)
Location: Room 410
Moderator: _Deborah J. Rubens, MD_

4:00–6:00 PM _RAHSR Session_
Location: Salon B
“Mentoring”
Faculty: _Elizabeth S. Burnside, MD, MPH, MS_

Learning Objectives:
1. Understand the importance of mentoring in academic radiology.
2. Discuss ways to optimize a mentoring relationship.
3. Recognize the challenges to effective mentoring, such as gender issues, cultural diversities, and generational differences.
4. Develop strategies to incorporate successful mentoring into an academic radiology practice.

4:30–5:00 PM _RRA Business Meeting_
Location: Room 402

5:30–6:30 PM _AUR-Philips Academic Faculty Development Program Reception_
Location: Salon A

6:30–8:30 PM _Welcome Reception (all attendees)_
Location: Driskill Hotel

* Faculty financial disclosures are located in the Faculty Index.
**Friday, April 7, 2006**

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>6:30–8:00 AM</td>
<td>Continental Breakfast (all attendees)</td>
<td>Salon C</td>
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<td>6:30 AM–4:30 PM</td>
<td>Meeting Registration</td>
<td>Governor’s Ballroom Foyer</td>
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<td>6:30 AM–5:00 PM</td>
<td>Poster and Exhibit Viewing</td>
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<td>6:30 AM–6:00 PM</td>
<td>Speaker Ready Room</td>
<td>Room 404</td>
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<td>7:00–8:30 AM</td>
<td><strong>A³CR/ABR Breakfast Session</strong></td>
<td>Salon B</td>
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<td>“ABR: A Lifetime of Engagement”</td>
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<td>Moderator: <em>Robert R. Hattery, MD</em></td>
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<td><strong>Learning Objective:</strong></td>
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<td>Share information and ideas between ABR and chief residents.</td>
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<td>7:00–8:30 AM</td>
<td><strong>RAHSR Breakfast and Business Meeting</strong></td>
<td>Room 408</td>
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<td>7:00–8:30 AM</td>
<td><strong>SCARD Board of Directors Meeting</strong></td>
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<td>7:00–8:30 AM</td>
<td><strong>APDR/APCR Breakfast Session</strong></td>
<td>Room 410</td>
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<td>“Introduction to Medical Education Research”</td>
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<td>Moderator: <em>Jannette Collins, MD, MEd, FCCP</em></td>
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<td>7:00–7:30 AM</td>
<td>“What Is Medical Education Research?”</td>
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<td>Larry D. Gruppen, PhD</td>
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<td><strong>Learning Objectives:</strong></td>
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<td></td>
<td>1. Identify opportunities for educational research in daily practice.</td>
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<td>2. Refine these into researchable questions by following basic guidelines for quality research</td>
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<td>in medical education.</td>
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<td>7:30–8:00 AM</td>
<td>“Challenges in Medical Education Research”</td>
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<td>Jan D. Carline, PhD</td>
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<td><strong>Learning Objectives:</strong></td>
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<td></td>
<td>1. Identify challenges to conducting medical education research, such as lack of control groups</td>
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<td>and restricted funding.</td>
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<td>2. Identify opportunities to conduct medical education research with limited funding resources.</td>
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<td>3. Identify potential journals and meetings in which to publish and contribute to the profession.</td>
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<td>8:00–8:15 AM</td>
<td>“Building and Sustaining a Departmental Resident Research Program: Emphasis on Medical Education</td>
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<td>Research”</td>
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<td>Christopher D. Cook, MD</td>
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<td><strong>Learning Objectives:</strong></td>
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<td>1. Provide a resident’s perspective concerning radiology research, especially as pertains to</td>
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<td>medical education.</td>
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<td>2. Discuss the development of educational Web sites.</td>
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<td>3. Assess the efficacy of these Web sites.</td>
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FRIDAY, APRIL 7, 2006

[8:15–8:30 AM] Questions and Discussion

7:30–8:30 AM  **RRA Liaison Committee Meeting**
Location: Room 402

7:30 AM–5:30 PM **AUR-Kodak Radiology Management Program**
Location: Room 406

8:30–10:00 AM **A³CR² Discussion**
Location: Salon B
“Management Skills for Chief Residents”
Moderator: Wilbur L. Smith, Jr, MD

8:30–10:00 AM **APDR/AUR/SCARD/A³CR²/APCR Joint Session**
Location: Salon D-E
“Building the Infrastructure for Medical Education Research: Part 1”
Moderator: Michael J. Shortsleeve, MD

[8:30–9:00 AM] “Faculty Development: Growing a Critical Mass of Medical Education Researchers”
Larry D. Gruppen, PhD
Learning Objectives:
1. Consider the benefits of a community of educational scholars and how this community can be nurtured through faculty development efforts.
2. Evaluate the similarities and differences between skill-focused faculty development and more intensive faculty development for medical education researchers.

Kay H. Vydareny, MD
Learning Objectives:
1. Know the requirements for resident participation in research, as stated in the Diagnostic Radiology Program Requirements.
2. Know the frequency of citations for lack of adherence to these requirements.

James H. Thrall, MD

[9:40–10:00 AM] Questions and Discussion

8:30–10:00 AM **GERRAF Breakfast Session**
Location: Room 412

8:30–10:15 AM **RSNA Introduction to Grantsmanship Workshop: Part 1**
Location: Room 400
Moderator: G. Scott Gazelle, MD, MPH, PhD
Session open on a space-available basis. See page 31 for program description.

[8:45–9:15 AM] “From the Unfunded to the Funded Radiology Investigator”
G. Scott Gazelle, MD, MPH, PhD

David T. George, PhD

10:00–10:30 AM **Break**

Category 1 CME Poster Session
Location: Salon C

* Faculty financial disclosures are located in the Faculty Index.
### FRIDAY, APRIL 7, 2006

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<th>Event</th>
<th>Location</th>
<th>Room</th>
<th>Moderator</th>
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<tr>
<td>10:30 AM–12:00 PM</td>
<td><strong>RSNA Introduction to Grannomsanship Workshop: Part 2</strong></td>
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<td>G. Scott Gazelle, MD, MPH, PhD ★</td>
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<td><em>Session open on a space-available basis. See page 31 for program description.</em></td>
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<td>[10:30–11:00 AM] “Protocol Development for Clinical Research and Insight from a Study Section Member”</td>
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<td>Etta D. Pisano, MD</td>
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<td>[11:00–11:30 AM] “Protocol Development of Outcomes and Cost-Effectiveness Analysis”</td>
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<td></td>
<td>G. Scott Gazelle, MD, MPH, PhD ★</td>
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<td>[11:30 AM–12:00 PM] “Protocol Development for Laboratory Research”</td>
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<td>King C. P. Li, MD, MBA</td>
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<td>10:30 AM–12:00 PM</td>
<td><strong>APDR/AUR/SCARD/A’CR2/APCR Joint Session</strong></td>
<td>Salon D-E</td>
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<td>“Building the Infrastructure for Medical Education Research: Part 2”</td>
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<td>Duane G. Mezwa, MD</td>
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<td>[10:30–11:15 AM] “ACR Annual Lecture: Visiting the Idea of a National Center for Health Professions Education Research”</td>
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<td>Jan D. Carline, PhD</td>
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<td>[11:15 AM–12:00 PM] “Current Status of Medical Education Research: Successful Institutional Programs and the New AAMC Medical Education Research Certificate”</td>
<td>Salon D-E</td>
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<td>Larry D. Gruppen, PhD</td>
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<td>Learn about the purpose, target audiences, curriculum, and structure of a national-level faculty development program in educational research sponsored by the Association of American Medical Colleges.</td>
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<td>10:30 AM–12:00 PM</td>
<td><strong>AUR Editorial Executive Committee and Deputy Editors Meeting</strong></td>
<td>Room 403</td>
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<td>12:00–1:30 PM</td>
<td><strong>Lunch on Your Own</strong></td>
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<td>12:00–1:30 PM</td>
<td><strong>SNM Session Luncheon (by invitation only)</strong></td>
<td>Salon D-E</td>
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<td>“Survey Needs Assessment”</td>
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<td>Jay A. Harolds, MD</td>
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<td>“PET/CT of the Neck”</td>
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<td>Michael M. Graham, PhD, MD</td>
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<td>Learning Objectives:</td>
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<td>1. Identify the needs/expectations of the radiology resident rotating through nuclear medicine.</td>
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<td>2. Be able to utilize the survey information to improve the nuclear medicine experience.</td>
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* Faculty financial disclosures are located in the Faculty Index.
2. Recognize the appearance and location of common tumors of the head and neck in FDG PET/CT studies.
3. Learn the nodal stations in the head and neck and the appearance of nodal metastases as seen in FDG PET/CT imaging.

12:00–1:30 PM  SCARD Business Meeting and Luncheon
Location: Room 408

1:30–2:00 PM  AMSER/APDR Session
Location: Room 410
“What Do Program Directors Look for in Interviewing Students?”
Moderator: Petra J. Lewis, MD
Faculty: Jocelyn D. Chertoff, MD
Learning Objectives:
1. Understand, from the perspective of a radiology residency director, what attributes, both on an application and at interview, make a student candidate attractive to a program.
2. Give student mentors and clerkship directors guidance in advising students how to improve their applications and interview skills.

2:00–3:30 PM  A3CR2 Problem Solving 2
Location: Room 412
Moderators: Troy C. Avendanio, MD      Eric M. Edds, MD

2:00–3:30 PM  AMSER/APDR Joint Session: Electronic Education Exhibits
Electronic exhibits selected from submitted abstracts
Location: Salon A

2:00–3:30 PM  APCR Session
Location: Room 410
Moderator: Lois A. Shuman
[2:00–2:20 PM]  “What the Coordinator Expects from the Program Director”
Ratene Coble
Learning Objectives:
1. Learn the necessity of a stable alliance between the program director and the program coordinator.
2. Appreciate the necessity for complete understanding between two people who manage and share some of the complex administration of a residency program.
3. Understand the real meaning of “sharing the burden” and “two heads are better than one.”

[2:20–2:40 PM]  “ACR In-Training Examination”
Lawrence P. Davis, MD

[2:40–3:30 PM]  “Roundtable Discussion” (with preselected topics)

* Faculty financial disclosures are located in the Faculty Index.

46  Association of University Radiologists
FRIDAY, APRIL 7, 2006

3:30–4:00 PM  
**AUR Development Committee Meeting**  
Location: Room 403

3:30–4:00 PM  
**Break**

4:00–5:00 PM  
**SCARD Session**  
Location: Salon C  
“Radiology and Pathology in the 21st Century: Is the AFIP the Only Model?”  
Moderator: *Stephen R. Baker, MD*  
Faculty: *Stephen R. Baker, MD*  
*Lauree L. Fajardo, MD*  
*Mark D. Murphey, MD*  
*Harvey L. Neiman, MD*

4:00–5:30 PM  
**A3CR2 Discussion**  
Location: Room 412  
“Solution Development”  
Moderator: *Wilbur L. Smith, Jr, MD*

4:00–5:30 PM  
**AMSER Symposium 2**  
Location: Room 410  
“Copyright and HIPAA Issues”  
Moderator: *James J. Choi, MD*

[4:00–5:10 PM]  
“Copyright Issues in Radiology Education”  
*Kenneth D. Crews, JD, PhD*

Learning Objectives:  
1. To understand that copyright law protects nearly all recent writings, images, sound recordings, and other works that we may use in education.  
2. To learn how to apply fundamental concepts of fair use to the proper use of copyrighted works for educational purposes.  
3. To appreciate that the law and technology are changing rapidly, requiring steady reevaluation of educational programs.

[5:10–5:30 PM]  
“Patient Privacy as a Factor in Education”  
*Beverly P. Wood, MD, MSEd, PhD*

Learning Objectives:  
1. Develop methods of teaching students the importance and meaning of protecting patient privacy.  
2. Model privacy practices.  
3. Utilize teaching materials that are designed for patient privacy.

4:00–5:30 PM  
**APDR/APCR Joint Session**  
Location: Salon D-E  
“Advancing Radiology Medical Education Research”  
Moderator: *Lawrence P. Davis, MD*

[4:00–4:15 PM]  
“Collaborative RSNA/AUR/SCARD/APDR Grants and Other Sources of Funding”  
*Jannette Collins, MD, MEd, FCCP*

Learning Objective:  
Describe the medical education research grants available to radiologists and radiology departments.

* Faculty financial disclosures are located in the Faculty Index.
FRIDAY, APRIL 7, 2006

Beverly P. Wood, MD, MSEd, PhD
Learning Objectives:
1. Identify the components of a program of research in education.  
2. Guide educational research initiatives.

[4:30–4:45 PM] “Involving Residents and Medical Students in Radiology Education Research”  
Felix S. K. Chew, MD, MBA

[4:45–5:00 PM] “Needed Areas of Investigation in Medical Education Research”  
Richard B. Gunderman, MD, PhD
Learning Objectives:
1. Understand the importance of educational research to educational practice.  
2. Identify promising areas of research in medical education.  
3. Develop strategies for investigation in these areas.

[5:00–5:15 PM] “Competencies and Radiology Education Outcomes Research”  
Kimberly E. Applegate, MD, MS
Learning Objective:  
Understand potential research methods to explore outcomes in educational interventions (for radiology).

[5:15–5:30 PM] Questions and Discussion

5:30–6:45 PM AUR 2007 Program Planning Committee Meeting  
Location: Room 400

6:30–10:00 PM AUR-Kodak Radiology Management Program Dinner  
Location: Salon A

7:00–10:00 PM APDR Past Presidents’ Dinner (by invitation only)  
Location: Roaring Fork

Saturday, April 8, 2006

6:30–8:00 AM Continental Breakfast (all attendees)  
Location: Salon C

6:30 AM–4:00 PM Poster and Exhibit Viewing  
Location: Salon C

6:30 AM–4:00 PM Speaker Ready Room  
Location: Room 404

6:30 AM–4:30 PM Meeting Registration  
Location: Governor’s Ballroom Foyer

7:00–8:30 AM AMSER Breakfast Seminar  
Location: Room 408  
Moderator: Petra J. Lewis, MD

[7:00–7:20 AM] “Hank Goldberg and Beyond”  
Marcia J. McCowin, MD

[7:20–7:50 AM] “Create Your Own Web Teaching Server (for Free)”  
James J. Choi, MD

* Faculty financial disclosures are located in the Faculty Index.
SATURDAY, APRIL 8, 2006

[7:50–8:30 AM] “Problem-solving Session”
Audience participation
Learning Objective:
The audience is invited to discuss specific problems that they may be facing in running a radiology student clerkship or elective with other members of AMSER/AUR.

7:00–8:30 am APDR/SNM Breakfast Session
Location: Salon D-E
“Changes in NRC and RRC Requirements for Nuclear Medicine: Implications for Training and Board Certification”
Moderator: Jay A. Harolds, MD

[7:05–7:20 AM] “History of NRC Regulations”
Alan H. Maurer, MD

[7:20–7:35 AM] “Nuclear Medicine Review Committee of the ACGME and American Board of Nuclear Medicine”
Tom R. Miller, MD, PhD

[7:35–7:50 AM] “American Board of Radiology”
Philip O. Alderson, MD

[7:50–8:05 AM] “Radiology Review Committee of the ACGME”
Kay H. Vydareny, MD

[8:05–8:20 AM] “ACR”
Milton J. Guiberteau, MD

[8:20–8:30 AM] Questions and Discussion
Learning Objectives:
1. List the primary functions of the Nuclear Medicine Residency Review Committee (RRC).
2. Describe the relationship of the RRC to the American Board of Nuclear Medicine (ABNM).
3. List the primary functions of the ABNM.
4. Describe the relationship of the ABNM to the American Board of Medical Specialties (ABMS).
5. List the six competencies mandated by the Accreditation Council for Graduate Medical Education (ACGME).
6. List the components of the maintenance of certification (MOC) process mandated by the ABMS.
7. Understand the historical basis of the NRC.
8. Understand the positions of the ACGME Nuclear Medicine and Radiology RRCs, ABNM, ABR, and ACR in regard to the new NRC requirements.
9. Understand the need to accommodate changes in the nuclear medicine training experience.
10. Understand the impact of the new training requirements in board eligibility for certification.

7:30 AM–5:30 PM

AUR-Kodak Radiology Management Program
Location: Salon A

8:30–10:00 AM ACR Film Panel 2
Location: Room 412
Moderators: Eric R. Handley, MD
Hilary M. Hochberg, MD

Learning Objectives:
1. Learn content information regarding specific diseases presented.

* Faculty financial disclosures are located in the Faculty Index.
2. Practice oral presentation skills.
3. Learn to succinctly present complex medical information.

8:30–10:00 AM  AMSER Symposium 3
Location: Room 410
“Students and Careers”
Moderator: Robert A. Novelline, MD

[8:30–9:00 AM] “Gender Issues in Students’ Career Choices: How to Encourage Women to Apply to Radiology”
Kimberly E. Applegate, MD, MS

[9:00–9:30 AM] “Education in the Era of Voice Recognition and PACS”
Mark E. Mullins, MD, PhD

Learning Objectives:
1. To review the benefits and challenges of teaching while performing clinical work with (a) voice recognition (VR) and (b) PACS.
2. To discuss the digital department as it relates to teaching.
3. To discuss attendees’ and the speaker’s experiences with problems and potential solutions as they pertain to VR and PACS teaching and clinical work-related instruction.

[9:30–10:00 AM] “Getting Promotion through Teaching: Building Your Portfolio”
Robert A. Novelline, MD

Learning Objectives:
1. Describe the components and organization of a teaching portfolio.
2. Review teaching activities that should be documented for promotion.
3. Review methods for initiating the promotional process.

8:30–10:00 am  RRA Symposium
Location: Room 400
“Young Investigators’ Research Opportunities at the NIH and in Professional Societies”
Moderators: William G. Bradley, Jr, MD, PhD
James H. Thrall, MD

Syllabus on the research opportunities at NIH and in radiologic and radiologic science societies and radiologic subspecialties for both young and experienced investigators will be distributed.

[8:30–8:40 AM] “Research Initiatives at NIBIB”
Donald P. Harrington, MD

[8:40–8:50 AM] “Research Initiatives at NCI”
Gary S. Dorfman, MD

[8:50–9:00 AM] “Research Initiatives at the Academy of Radiology Research”
N. Reed Dunnick, MD

Learning Objectives:
1. Appreciate the importance of radiology research.
2. Understand how the academy is increasing funding available for imaging research.

[9:00–9:10 AM] “Research Initiatives in Nuclear Medicine”
Philip O. Alderson, MD

G. Scott Gazelle, MD, MPH, PhD

* Faculty financial disclosures are located in the Faculty Index.
SATURDAY, APRIL 8, 2006

[9:20–9:30 AM] “Research Initiatives at ARRS”  
Norman J. Beauchamp, Jr, MD, MHS★

[9:30–9:40 AM] “Research Initiatives at ACRIN”  
Bruce J. Hillman, MD★

J. Paul Finn, MD★

[9:50–10:00 AM] “Research Initiatives: AIMBE”  
Thomas R. Harris, MD, PhD

Questions and Discussion

Learning Objectives of Symposium and Syllabus:
1. Describe the research opportunities available at the NIH (NCI and NIBIB).
2. Describe the research opportunities available in national and international radiologic and radiologic science societies and radiologic subspecialties.

8:30–10:00 AM APDR/APCR Joint Session
Location: Salon D-E  
“Teaching and Learning the Competencies”
Moderator: Charles S. Resnik, MD

[8:30–8:50 AM] “Teaching and Learning Professionalism”  
Steven E. Seltzer, MD★

Learning Objectives:
1. Understand the components of a curriculum on professionalism for radiology residents.
2. Hear an analysis of the most effective ways to communicate the concepts to trainees.

[8:50–9:10 AM] “Teaching and Learning Ethics”  
Richard B. Gunderman, MD, PhD

Learning Objectives:
1. Understand the importance of ethics to radiology.
2. Identify strategies for ethics teaching.
3. Clarify ways ethics will shape the future work of radiology learners.

Pablo R. Ros, MD, MPH

[9:40–10:00 AM] Questions and Discussion

10:00–10:30 AM Break

10:30 AM–12:00 PM A³CR³ Discussion
Location: Room 412  
“Oral Examination Techniques”
Moderators: Cristie Becker, MD  
Duane G. Mezwa, MD

10:30 AM–12:00 PM RAHSR Scientific Session 7 (SS07)
RAHSR/Health Services (Papers 52–57)
Location: Room 408  
Moderators: Ruth C. Carlos, MD, MS  
Janie M. Lee, MD, MS★

★ Faculty financial disclosures are located in the Faculty Index.
SATURDAY, APRIL 8, 2006

10:30 AM–12:00 PM  **AUR-E Session**  
Location: Room 410  
Speakers: Johan G. Blickman, MD, PhD  
Jarl A. Jakobsen, MD, PhD, MHA  
[11:15 AM–12:00 PM] “EU-wide Radiology Residency Issues”  

10:30 AM–12:00 PM  **APDR/APCR Joint Session**  
Location: Salon D-E  
“Measuring the Competencies: New RRC Requirements”  
Moderator: Charles F. Lanzieri, MD  
Duane G. Mezwa, MD  
[10:45–11:05 AM] “Resident Portfolios as Part of Assessment”  
Beverly P. Wood, MD, MSEd, PhD  
Learning Objectives:  
1. Incorporate performance measures into a portfolio.  
2. Plan assessment and evaluation based on portfolio content.  
Richard B. Gunderman, MD, PhD  
Learning Objectives:  
1. Understand the elements of an OSCE.  
2. Identify the strengths and weaknesses of an OSCE as an evaluation tool.  
3. Develop strategies for using OSCEs.  
Robert D. Tarver, MD  
[11:40 AM–12:00 PM] Questions and Discussion  

12:00–2:00 PM  **Luncheon and AUR Business Meeting**  
Location: Salon F-G  

[1:00–2:00 PM] **Philips Vydate
en Imaging Interpretation Competition (Finals)**  
*Presented by University of Michigan*  
Moderator: Janet E. Bailey, MD  
Faculty: Katherine E. Maturen, MD  
John P. Murray, MD  

2:00–3:00 PM  **SNM Session**  
Location: Room 400  
“Panel Discussion on the Future of Nuclear Medicine Training”  
Moderator: Alan H. Maurer, MD  
Learning Objective:  
Discuss the importance of training nuclear medicine residents in CT and MR.

* Faculty financial disclosures are located in the Faculty Index.

52  I  Association of University Radiologists
AMSER Medical Education Workshop

Location: Room 412
“Different Ways to Skin a Fish: How Clerkships Can Be Structured—Panel Discussion”
Moderator: Kitt Shaffer, MD, PhD
Panelists: Judith K. Amorosa, MD
Joshua A. Becker, MD
Petra J. Lewis, MD
Donna Magid, MD, MEd
Janet A. Neutze, MD
Robert A. Novelline, MD

Learning Objectives:
1. Demonstrate the diversity of radiology clerkship/elective structuring.
2. Demonstrate how a radiology curriculum can be modified, depending on resources and student enrollment.
3. Demonstrate different methods and techniques of incorporating didactic and hands-on teaching.
4. Demonstrate possible solutions to scheduling and organizational problems.

APDR/APCR/A'CR² Roundtable

Location: Salon B
“Discussion of A’CR² Problem-solving Issues”
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 all participants.
4. To formulate an overall problem-solving action plan.

AUR Scientific Session 8 (SS08)
Resident Education (Papers 58–66)

Location: Room 408
Moderators: Janet E. Bailey, MD
Robert D. Tarver, MD

GERRAF Mini-Retreat (RAHSR Joint Session)

Location: Room 410
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.

2004 Fellows

J. Paul Jacobson, MD
“Minimally Invasive Treatment of Painful Osteoporotic Vertebral Compression Fractures: A Trial to Compare Outcomes in Patients Undergoing Kyphoplasty versus Vertebroplasty”

Pina C. Sanelli, MD
“CT Perfusion Used to Evaluate Vasospasm Following Aneurysmal Subarachnoid Hemorrhage”

* Faculty financial disclosures are located in the Faculty Index.
2005 Fellows

Fiona M. Fennessy, MD, PhD★
“One Year Following MR-guided Focused Ultrasound Surgery: Assessment of an Emerging Technology”

Aine M. Kelly, MD, MS★
“Cost-effectiveness of Coronary Artery CT Angiography versus Catheter Angiography”

Geetika Khanna, MD★
“111In-DTPA-Pentetreotide Imaging for Diagnosis and Posttherapy Surveillance of Pediatric Central Nervous System Tumors”

Janie M. Lee, MD, MS★
“Cost-effectiveness of MR Imaging for Breast Cancer Surveillance in BRCA Gene Mutation Carriers”

3:00–4:00 PM

SNM Session
Location: Room 400
“The Ins of Interviews: Tips and Observations”
Moderator: Darlene F. Metter, MD
Faculty: Judith K. Amorosa, MD
Beverly P. Wood, MD, MSED, PhD

Learning Objectives: At the completion of this session, learners will be able to:
1. Prepare themselves for an interview.
2. Convey their ideas with clarity.
3. Formulate questions.
4. Attain verbal and body language that convinces.
5. Assume the role of interviewer or interviewee with poise.

3:30–4:00 PM

Break
Poster and Exhibit Viewing
Location: Salon C

3:45–5:15 PM

A’CR’ Business Meeting
Location: Room 410

4:00–5:30 PM

APCR Business Meeting
Location: Room 412

4:00–5:30 PM

AUR Scientific Session 9 (SS09)
Medical Student Education (Papers 67–75)
Location: Room 408
Moderators: Donna Magid, MD, MEd
Kitt Shaffer, MD, PhD

4:00–5:30 PM

SNM Academic Council Meeting
Location: Room 402

6:30–7:30 PM

Annual Banquet Cocktail Reception
Location: Salon D-E

7:30–11:00 PM

Annual Banquet and Awards Ceremony
Location: Salon A-C

Meeting concludes.

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