

AUR 52nd Annual Meeting Program

Black entry indicates education program; green entry indicates official function.

Wednesday, April 21, 2004

- 6:30–8:00 AM **Continental Breakfast** (all attendees)
Location: Golden Gate Hall Salons A1 and A2
- 6:30 AM–4:30 PM **Meeting Registration**
Location: Golden Gate Registration
- 7:00–8:00 AM **A³CR² Steering Committee Meeting** (closed meeting)
Location: Pacific Conference Suite C
- 7:00–8:30 AM **AUR Long-Range Planning Committee Meeting** (closed meeting)
Location: Pacific Conference Suite A
- 7:00–9:00 AM **APCR Board Meeting** (closed meeting)
Location: Pacific Conference Suite B
- 8:00 AM–12:30 PM **(R) A³CR²/RAHSR Combined Session**
Location: Yerba Buena Ballroom Salon 7
“Critical Thinking Skills: Evidence-based Radiology”
Moderators: *Kimberly E. Applegate, MD, MS**
*Ruth C. Carlos, MD, MS**
- Tutorial on principles of health services research as they apply to practicing evidence-based radiology and evaluating the literature.*
- “What Is Evidence-based Radiology?”
*John Eng, MD**
- Learning Objectives:
1. Understand the role of evidence-based radiology.
 2. Discover the role of evidence-based radiology in developing critical thinking skills for clinical and academic practice.
- “Critical Evaluation of the Literature”
*C. Craig Blackmore, MD, MPH**
- Learning Objectives:
1. To assess whether bias affects the results of published research.
 2. To understand if the results of a research study are relevant to a clinical question.
 3. To analyze how to determine if the results of a research study are sufficient to merit change in practice.
- “Evaluating Diagnostic Imaging Tests”
Valerie L. Ward, MD
- Learning Objectives:
1. To evaluate the accuracy of diagnostic imaging examinations.
 2. To review sensitivity, specificity, positive predictive value, and likelihood ratios as they relate to diagnostic imaging.
(V.L.W. receives support from GERRAF.)

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

“Introduction to Receiver Operating Characteristic Analysis”
*X. Andrew Zhou, PhD**

Learning Objectives:

This short course will provide an introduction on design and analysis of diagnostic accuracy studies, including sample size calculations, estimation of the accuracy of a diagnostic test, comparison of accuracies of competing diagnostic tests, and regression analysis of diagnostic accuracy data, as well as recently developed methods for correction of verification bias and meta-analysis.

“Cost-Effectiveness Analysis”
*L. Santiago Medina, MD, MPH**

Learning Objectives:

1. Understand the basic concepts used in cost-effectiveness analysis (CEA).
2. Understand how CEA in radiology compares with other medical interventions.
3. Multiple CEA (headache disorders and spinal dysraphism) examples in radiology will be given to illustrate the key learning points.

“Understanding Quality of Life: What Does It Mean for Radiologists?”
*Ruth C. Carlos, MD, MS**

“Meta-analysis and Structured Literature Review”
*Andrea S. Doria, MD**

Learning Objectives:

1. To understand strategies that can be used to systematically review a specific topic of the literature.
2. To develop skills to critically appraise the quality of primary studies to be included in a meta-analysis.
3. To learn statistical procedures that can be applied to a meta-analysis.

“Reporting Evidence: The STARD Statement”
*Kimberly E. Applegate, MD, MS**

9:00–10:00 AM **APCR Liaison Committee Meeting** (closed meeting)
Location: Pacific Conference Suite B

9:00 AM–12:30 PM **AUR Board of Directors Meeting** (luncheon served) (closed meeting)
Location: Pacific Conference Suite I

12:00–1:00 PM **APDR Committee Meetings** (closed meeting)
Location: Golden Gate Hall Salon A3

12:30–1:00 PM **Break and Scientific Poster Viewing**
Location: Golden Gate Hall Salons C1 and C2

1:00–2:30 PM **® SCARD Joint Session**
Location: Yerba Buena Ballroom Salon 7
“PET Scanning”

“PET for Malignancy”
*Lionel S. Zuckier, MD**

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

Learning Objectives:

1. To obtain basic appreciation of the physical principles of PET imaging.
2. To understand the biological behavior of fluorine 18 (¹⁸F) fluorodeoxyglucose (FDG) in normal and malignant tissues.
3. To understand the principles and advantages of fusion imaging as applied to PET.

“Cardiac PET”

Josef Machac, MD

Learning Objectives:

1. List three indications for PET myocardial perfusion imaging.
2. Describe the protocol for PET myocardial perfusion imaging.
3. Specify the indication for PET viability imaging.
4. Describe and identify three chief perfusion-metabolic patterns.
5. Describe the protocol for PET viability imaging.

(J.M. receives research support from Bracco Diagnostics [rubidium 82] and honoraria from GE Medical.)



“PET Brain Imaging: Current and Emerging Applications”

*Ronald L. Van Heertum, MD**

Learning Objectives:

1. Identify radiotracer uptake patterns that distinguish radionecrosis from viable tumor.
2. Describe the potential roles of PET imaging in the assessment of early Alzheimer disease.
3. Differentiate radiotracer distribution patterns in Alzheimer disease from those in other forms of dementia.
4. Identify the imaging patterns in ictal and interictal PET studies.
5. Identify basic neurochemical pathophysiologic mechanisms as they relate to neuropsychiatric disorders.

1:00–3:45 PM

APDR Board of Directors Meeting (closed meeting)

Location: Pacific Conference Suite A

1:30–5:30 PM

AUR-Kodak Radiology Management Program

Open on a space-available basis.

Location: Golden Gate Hall Salon B2

2:30–3:30 PM

AUR Scientific Session 1

Location: Nob Hill Sections A and B

Abdomen (Papers 1–6)

Moderator: *Elizabeth G. McFarland, MD**

AUR Scientific Session 2

Location: Golden Gate Hall Salon A3

Breast (Papers 7–12)

Moderator: *Laurie L. Fajardo, MD**



A³CR² Business Meeting

Location: Golden Gate Hall Salons A1 and A2

RAHSR Board of Directors Meeting (closed meeting)

Location: Pacific Conference Suite B

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

WEDNESDAY, APRIL 21, 2004

3:30–4:00 PM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

4:00–5:00 PM

AUR Research and Education Foundation Board of Directors Meeting (closed meeting)

Location: Pacific Conference Suite A

4:00–5:30 PM

Ⓜ A³CR²/APDR/SCARD/APCR Joint Session

Location: Yerba Buena Ballroom Salon 7

The Brogdon Panel Discussion

Moderator: *Nadir S. Shah, MD**

“Relationship Enhancement”

*Lynne Neitzschman, PhD**

*Harold R. Neitzschman, Jr, MD**

Learning Objectives:

1. Identify behaviors congruent with Accreditation Council for Graduate Medical Education (ACGME) criteria.
2. Identify characteristics of problematic behavior.
3. Provide for experiential learning through role playing.
4. Develop strategies to address problematic behaviors.

4:00–6:00 PM

RAHSR Applied Health Services Research Colloquium

Location: Golden Gate Hall Salons A1 and A2

“Efficacy of Radiology Informatics”

Moderator: *Curtis P. Langlotz, MD, PhD*

(C.P.L. is a shareholder in eDiction, Inc.)

Session on radiology informatics with special attention to settings in which informatics can be shown to affect prevention, diagnosis, or treatment.

“Decision Support and Artificial Intelligence”

*Charles E. Kahn, Jr, MD**

Learning Objectives:

1. Learn how computer systems can help physicians make decisions.
2. Identify artificial intelligence techniques and how they are applied in health care.
3. Assess the impact of decision support technologies on patient care and medical education.

“Bayesian Network Applications”

*Elizabeth S. Burnside, MD, MPH**

Learning Objectives:

1. Learn what a Bayesian network is.
2. Learn how a Bayesian network can be used for decision support in radiology.
3. Understand the trade-offs that exist in using Bayesian networks as opposed to other artificial intelligence techniques for decision support.
4. Become familiar with examples of Bayesian network applications.

“Real-Time Decision Support and Structured Reporting”

Curtis P. Langlotz, MD, PhD

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

WEDNESDAY, APRIL 21, 2004

Learning Objectives:

1. Learn how computers can improve the accuracy of radiologists.
2. Learn how decision support can improve radiology reports.
3. Understand the methods available to provide decision support.
4. Review decision support research from outside radiology.
(C.P.L. is a shareholder in eDiction, Inc.)

“A Critical Look at Information Technology in Radiology”

*Chris L. Sistrom, MD**

Learning Objectives:

1. Understand the point of view of computer skepticism.
2. Become familiar with the six decisions that should *not* be made by IT.
3. Understand the position of information in the hierarchy of medical epistemology.

AUR Scientific Session 3

Location: Nob Hill Sections A and B

Education I (Papers 13–24)

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

5:30–6:30 PM

(R) A³CR²/APDR/SCARD/APCR Beer and Pretzels Reception

Location: Club Room

6:30–7:30 PM

APCR Reception

Location: Willow

6:30–10:00 PM

AUR Board of Directors Dinner (by invitation only)

Location: North Beach Restaurant

AUR-Kodak Radiology Management Program Dinner (by invitation only)

Location: Kuleto’s Italian Restaurant

Thursday, April 22, 2004

6:30–8:00 AM

Continental Breakfast (all attendees)

Location: Golden Gate Hall Salons C1 and C2

6:30 AM–4:30 PM

Meeting Registration

Location: Golden Gate Registration

6:30 AM–5:00 PM

Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

7:00–8:30 AM

RRA Breakfast Business Meeting (members only)

Location: Willow

(R) A³CR²/ACR Breakfast

Location: Golden Gate Hall Salons A1 and A2

Faculty: *E. Stephen Amis, Jr, MD, Representative to ACR Resident Group**

Sanjay K. Shetty, MD, ACR Representative[▲]

* Author stated no financial disclosure. [▲] Disclosure information unavailable at press time.

THURSDAY, APRIL 22, 2004

Learning Objective:

Become familiar with the role of the American College of Radiology in presenting programs in quality assurance, radiological education, and national issues involving radiological care. A closer interface between the ACR and trainees' concerns is a goal of this forum.

APDR/APCR Breakfast

Location: Golden Gate Hall Salons B1 and B2

“Getting Real with Professionalism”

*Janet L. Strife, MD**

*Maxine Papadakis, MD**

Shannon R. Kirk, MD

(S.R.K.: This presentation was made possible in part by a grant from the AUR.)

Learning Objectives:

1. Build professionalism into practice of radiology.
2. Demonstrate innovative methods to teach professionalism.
3. Learn to use self-assessment as part of competence in professionalism.
4. Describe methods to measure professionalism.

AMSER Board Meeting (closed meeting)

Location: Pacific Conference Suite A

RAHSR Open Seminar

“Advanced Research Topics and Works in Progress”

Location: Golden Gate Hall Salon A3

Moderator: *Kelly H. Zou, PhD**

Traditional RAHSR session with more time allocated for discussion to encourage lively interaction between audience and speaker. Some presentations may focus on methodology.

“Impact of Imaging on Physicians’ Treatment Decisions for Sinusitis”

*Yoshimi Anzai, MD**

Learning Objectives:

1. Learn how to determine if a diagnostic test changes physicians’ treatment decisions using sinusitis model.
2. Learn how to assess whether an imaging study changes agreement of physicians’ treatment decisions.
3. Learn how to identify characteristics of imaging features that strongly affect treatment decisions.

“Development of a Prediction Model Using MRI Feature Analysis”

*John A. Carrino, MD, MPH**

Learning Objectives:

1. Review prediction rules (models) methodology.
2. Learn how prediction models may be applied to feature analysis.
3. Understand the challenges of developing, testing, and implementing prediction models.

“Imaging for Blunt Cerebrovascular Injury: What Is the Value of Additional Information?”

*William Hollingworth, PhD**

* Author stated no financial disclosure. ▲ Disclosure information unavailable at press time.

Learning Objectives:

1. To describe a decision model of imaging for blunt cerebrovascular injury (BCVI).
2. To provide a preliminary analysis of the cost-effectiveness of CT angiography in BCVI.
3. To discuss value of information analysis.

“Smoking Cessation following Screening Chest CT: How to Motivate Patients to Alter Behavior”

*Max P. Rosen, MD, MPH**

Learning Objectives:

1. Develop survey methods to assess patients’ attitudes toward CT screening.
2. Identify opportunities to use CT screening to modify patient behavior.
3. Better understand the psychology of CT screening.

“Reproducibility Analysis of Functional MR Imaging Data”

*Kelly H. Zou, PhD**

Learning Objectives:

1. To review the literature on the analysis of functional MR imaging (fMRI) data.
2. To assess reproducibility in fMRI.
3. To illustrate the statistical methodology in a multicenter collaborative study.

7:30 AM–5:30 PM

AUR-Kodak Radiology Management Program

Open on a space-available basis.

Location: Yerba Buena Ballroom Salons 12 and 13

AUR-Kodak Advanced Program for Alumni of AUR-Kodak Radiology Management Course

Open on a space-available basis.

Location: Pacific Conference Suite I

8:30–9:30 AM

AUR Corporate Support Committee Meeting (closed meeting)

Location: Pacific Conference Suite C

8:30–10:00 AM



AUR-RRA Research Symposium

Location: Yerba Buena Ballroom Salon 7

“The Imaging/Genetics Interface”

Moderator: *King C. P. Li, MD, MBA**

Faculty: *Sanjiv S. Gambhir, MD, PhD[▲]*

*David R. Piwnica-Worms, MD, PhD**



David R. Piwnica-Worms, MD, PhD—Learning Objectives:

1. To define and understand unique attributes of molecular imaging.
2. To understand general strategies for imaging endogenous and exogenous gene expression.
3. To understand basic principles of imaging reporter genes.
4. To review fusion imaging strategies.

King C. P. Li, MD, MBA—Learning Objectives:

1. To gain knowledge of current status of research in genetics.
2. To learn about state-of-the-art research in molecular imaging.
3. To understand how imaging can be used to facilitate systems biology research.
4. To learn how radiologists can participate in genomic medicine.

* Author stated no financial disclosure. [▲] Disclosure information unavailable at press time.

THURSDAY, APRIL 22, 2004

- 10:00–10:30 AM **Break and Scientific Poster Viewing**
Location: Golden Gate Hall Salons C1 and C2
- 10:30–11:45 AM **RAHSR Scientific Session 4**
Location: Golden Gate Hall Salon A3
Health Services Research (Papers 25–29)
Moderator: *L. Santiago Medina, MD, MPH**
- 10:30 AM–12:00 PM **AUR Scientific Session 5**
Location: Yerba Buena Ballroom Salons 10 and 11
Education II (Papers 30–38)
Moderators: *Janet L. Strife, MD**
*Jannette Collins, MD, MEd, FCCP**

- (R)** **A³CR² Problem Solving 1**
Location: Golden Gate Hall Salons A1 and A2
Faculty: *Wilbur L. Smith, Jr, MD**
*Charles S. Resnik, MD**
Christopher Kay, MD[▲]
Madh Krishnan, MD[▲]

Learning Objective:

Achieving the appropriate balance between direct supervision and residents' independent work (night call as a case study). Participants will consider the statutory supervision requirements and the need for resident trainees to assume independent experience in a learning situation.

AMSER Business Meeting (members only)

Location: Willow

APCR Business Meeting (members only)

Location: Golden Gate Hall Salon B3

APDR Business Meeting (members only)

Location: Golden Gate Hall Salons B1 and B2

- 12:00–2:00 PM **(R) Luncheon** (all attendees)
Location: Yerba Buena Ballroom Salon 9

AUR Memorial Award, Joseph E. and Nancy O. Whitley Award, Stauffer Awards, and GERRAF Fellow Presentations

(Memorial and Whitley Awards abstracts appear on page 65.)

Kay Vydareny Film Interpretation Competition (Preliminary Competition)

Cases presented by Brown University/Rhode Island Hospital, Dartmouth-Hitchcock Medical Center, and the University of Cincinnati School of Medicine (2003 winners)

- 2:00–3:30 PM **RRA Joint Session**

Location: Yerba Buena Ballroom Salon 7

“Building and Sustaining a Radiology Research Program: Enabling the Department/Institution Partnership”

Moderator: *C. Leon Partain, MD, PhD**

Faculty: *James H. Thrall, MD**

*Gary M. Glazer, MD**

*R. Gilbert Jost, MD**

* Author stated no financial disclosure. ▲ Disclosure information unavailable at press time.

THURSDAY, APRIL 22, 2004

James H. Thrall, MD—Learning Objectives:

1. Learn important elements required for building a research program.
2. Learn the role of principal investigators in building research programs.
3. Learn about different funding sources for research.
4. Learn how to work with research administrators.

R. Gilbert Jost, MD—Learning Objectives:

1. Describe the changing research environment.
2. Describe challenges in sustaining a research agenda.
3. Describe research opportunities for the future.

3:30–4:00 PM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

4:00–5:30 PM

AMSER

Location: Yerba Buena Ballroom Salons 10 and 11

“Medical Student Teaching Methods”

“Radiology Curriculum for Medical Students”

*Petra J. Lewis, MD**

Learning Objectives:

1. Understand the concepts behind a national curriculum for medical students in radiology.
2. Understand the structure of the curriculum.
3. Understand how this curriculum could be applied to individual programs.

“Teaching Large Groups of Students”

*Felix S. K. Chew, MD**

Learning Objectives:

1. Identify advantages of teaching students in large groups.
2. Describe considerations in planning a large-group teaching session.
3. Describe various large-group teaching techniques.

“Small Student Group Teaching”

*Robert A. Novelline, MD**

Learning Objectives:

1. Review opportunities when small-group teaching is most effective.
2. List characteristics of effective small-group sessions.
3. Planning a small-group teaching session.
4. Small-group teaching techniques.
5. Effectively facilitate a small-group session.

(R) A³CR² Film Panel 1

Location: Golden Gate Hall Salons A1 and A2

Faculty: *Fauzia Qureshi, MD[▲]*

Ian J. Wilson, MD[▲]

Learning Objective:

Cases of clinical interest with teaching points are discussed as unknowns. Then the critical educational messages from each are presented.

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THURSDAY, APRIL 22, 2004

AUR Scientific Session 6

Location: Golden Gate Hall Salon A3
MR/Nuclear Medicine/Neuroradiology (Papers 39–47)
Moderator: *Jonathan S. Lewin, MD**

AUR Scientific Session 7

Location: Yerba Buena Ballroom Salons 5 and 6
Cardiopulmonary/Angiography (Papers 48–56)
Moderator: *Elvira V. Lang, MD**

APCR Session

Location: Golden Gate Hall Salons B1 and B2
FAQ in Program Administration: Roundtable Discussions

4:00–6:00 PM

RAHSR Research Issues Colloquium

“Research Mentoring: Learning from Experience”

Location: Golden Gate Hall Salon B3
Moderator: *John Eng, MD**

Interactive discussion in which panelists give personal experience, advice, and pearls drawn from their academic careers. Discussion topics include learning from “mistakes” and how to find and provide mentoring.

Panelists: *Elizabeth G. McFarland, MD**

Ella A. Kazerooni, MD, MS

*Stephen Chan, MD**

(E.A.K. is a consultant for and receives funding from GE and serves on the GERRAF Board.)

5:30–7:00 PM

AUR 2005 Program Planning Committee Meeting (closed meeting)

Location: Pacific Conference Suite A

6:30–8:30 PM



Welcome Reception (all attendees)

Location: Atrium Lounge

Friday, April 23, 2004

6:30–8:00 AM

Continental Breakfast (all attendees)

Location: Golden Gate Hall Salons C1 and C2

6:30 AM–4:30 PM

Meeting Registration

Location: Golden Gate Registration

6:30 AM–5:00 PM

Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

7:00–8:15 AM

APDR/APCR Breakfast Session/Faculty Development Seminar

“Scholarship in Clinical Education: How to Establish and Document an Educator’s Portfolio”

Location: Yerba Buena Ballroom Salon 7

Faculty: *Win May, MD**

*Beverly P. Wood, MD, MSc**

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

FRIDAY, APRIL 23, 2004

Learning Objectives:

At the completion of the workshop, participants will be able to:

1. Designate the components of a scholarly career.
2. Design an educator's portfolio.
3. Develop methods to achieve recognition for their role as educators.

7:00–8:30 AM

SCARD Board of Directors Meeting (closed meeting)

Location: Pacific Conference Suite D

(R) A³CR²/ABR Breakfast

Location: Golden Gate Hall Salons A1 and A2

*William R. Hendee, PhD**

*N. Reed Dunnick, MD**

*Robert R. Hattery, MD**

Learning Objectives:

1. Review mission of the American Board of Radiology (ABR).
2. Discuss 10-year time-limited primary certification.
3. Share information about the written examinations.
4. Describe the evaluation of the oral examination.
5. Opportunity for questions and answers.

RRA Breakfast

Location: Golden Gate Hall Salon B3

RAHSR Breakfast and Business Meeting (all welcome)

Location: Golden Gate Hall Salon A3

Open to all who are interested in finding out more about RAHSR.

8:30–10:00 AM

APDR Joint Session

Location: Yerba Buena Ballroom Salon 7

Moderator: *Duane G. Mezwa, MD**

Learning Objective:

1. How ACGME can help program directors.

“Survey Results: What Can the ACGME Do for You?”

*William Herring, MD**

Learning Objectives:

1. Discuss the results of the annual APDR survey.
2. Compare their program practices to those of other residency programs.
3. Use the survey findings to enhance the educational practices of their residency programs.

“What Can the ACGME Do for Program Directors?”

Moderator: *Jocelyn D. Chertoff, MD[▲]*

Panelists: *Judith S. Armbruster, PhD**

*William Herring, MD**

*Carol M. Rumack, MD**

*Coralie Shaw, MD**

Learning Objectives:

From the Radiology RRC perspective:

1. Respond to concerns of APDR.
2. Discuss new program requirements for radiology programs.

* Author stated no financial disclosure. [▲] Disclosure information unavailable at press time.

FRIDAY, APRIL 23, 2004

RSNA Introduction to Grantsmanship Workshop

Open on a space-available basis.

Location: Golden Gate Hall Salons B1 and B2

Refer to page 29 for program description.

8:30–10:30 AM

ARR Board of Directors Meeting (closed meeting)

Location: Pacific Conference Suite H

10:00–10:30 AM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

10:30 AM–12:00 PM

RSNA Introduction to Grantsmanship Workshop (continued)

Location: Golden Gate Hall Salons B1 and B2



APDR/AUR/SCARD/A³CR²

Location: Yerba Buena Ballroom Salon 7

Moderator: *Michael J. Shortsleeve, MD**

[10:30–11:00 AM]

“Quality—Competency—Certification”

*Robert R. Hattery, MD**

*William R. Hendee, PhD**

Learning Objectives:

Participants in the presentation on quality, competency, and certification should understand:

1. the concerns over health care quality and patient safety in recent reports of the Institute of Medicine (IOM);
2. how the quality and safety of procedures and examinations in diagnostic radiology, radiation oncology, and medical physics relate to IOM and to the attributes of knowledge, competence, and professionalism that are connected with the mission of the American Board of Medical Specialties (ABMS) and its 24 member boards; and
3. how the four components and six competencies emphasized by the American Board of Radiology are reflected in the Board’s primary certification and maintenance of certification programs.

[11:00 AM–12:00 PM]

Visiting Professor/Keynote Address

“Future Directions in Clinical Practice and Research”

*James H. Thrall, MD**

Learning Objectives:

1. Learn about opportunities for new directions in clinical practice and research.
2. Learn how new technology will influence clinical practice.
3. Learn how radiology will participate in the era of molecular medicine.

12:00–1:30 PM

SCARD Business Meeting and Luncheon (members only)

Location: Golden Gate Hall Salon A3

12:00–3:30 PM

AUR-Philips Academic Faculty Development Program and Luncheon

Open on a space-available basis.

Luncheon Location: Yerba Buena Ballroom Salons 3 and 4

Program Location: Yerba Buena Ballroom Salons 1 and 2

1:00–1:30 PM

Lunch on Your Own

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

FRIDAY, APRIL 23, 2004

1:30–2:00 PM

(R) AMSER/APDR

“Internet Resources for Radiology”

Location: Golden Gate Hall Salons B1 and B2

Moderator: *Spencer B. Gay, MD**

Learning Objectives:

1. Discover repositories of Web-based radiology information.
2. Learn new techniques for online learning.
3. Learn how Web-based resources support learner-centered education.

“Learning, Teaching, and Communicating Using the Internet: *RadiologyEducation.com*”

*Michael P. D’Alessandro, MD**

Learning Objectives:

1. Become familiar with radiology and anatomy educational resources on the Internet.
2. Learn to use the Internet to answer questions that arise during clinical work.
3. Learn to use the Internet for continuing medical education.
4. Learn to use the Internet for informal teaching during clinical work.
5. Learn to use the Internet for radiology communication.

1:30–3:30 PM

(R) SCARD Session

Location: Yerba Buena Ballroom Salon 7

Moderator: *Stephen R. Baker, MD**

[1:30–2:45 PM]

“How Do We Evaluate Program Directors?”

*Vijay M. Rao, MD**

*Wilbur L. Smith, Jr, MD**

*Janet L. Strife, MD**

*Steven Perlmutter, MD**

Learning Objectives:

1. To assess the reward systems for program directors.
2. To consider the nature of the interaction of program directors with chairs.
3. To evaluate issues in the allocation of program directors’ time.

[2:45–3:30 PM]

“Demographic Trends in Radiology: South Asians and Women”

*Stephen R. Baker, MD**

Learning Objectives:

1. To describe the evolution of the distribution of radiologists of South Asian ancestry in the United States.
2. To describe the distribution of women as residents and fully trained radiologists in the United States.
3. To compare and contrast the diverging distribution patterns of South Asians and women in the United States in residencies and in the contemporary practice of radiology.

2:00–3:30 PM

APCR Session

Location: Golden Gate Hall Salon B3

“Communicating across Cultures”

*Sandra Avila**

Learning Objectives:

1. To gain an understanding of diversity and cultural competence in health care.
2. To gain an understanding of how culture influences communication.
3. To have greater insight into how we communicate across cultures.

* Author stated no financial disclosure. ▲ Disclosure information unavailable at press time.

FRIDAY, APRIL 23, 2004

“Supporting Residents through the Boards”
*William R. Hendee, PhD**

(R) A³CR² Problem Solving 2

Location: Golden Gate Hall Salons A1 and A2

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

*Charles S. Resnik, MD**

Christopher Kay, MD[▲]

Madh Krishnan, MD[▲]

Topic: Ensuring appropriate resident experiences in clinical areas threatened by turf wars, using OB ultrasound as a case study.

AMSER/APDR Electronic Education Exhibits

Location: Golden Gate Hall Salons C1 and C2

3:30–4:00 PM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

4:00–5:15 PM

SCARD Session (continued)

Location: Yerba Buena Ballroom Salon 7

Moderator: *Stephen R. Baker, MD**

“Why Are Women Not Choosing Radiology?”

*E. Stephen Amis, Jr, MD**

*Kimberly E. Applegate, MD, MS**

*Maureen T. Barry, MD**

*Valerie P. Jackson, MD**

*Janet L. Strife, MD**

*Kay H. Vydareny, MD**

Learning Objectives:

1. To delineate the distribution characteristics of women in radiology.
2. To consider why the percentage of women medical graduates choosing radiology is lower than expected.
3. To develop a plan of action to improve the participation of women in radiology.

4:00–5:30 PM

APDR Session

Location: Yerba Buena Ballroom Salons 4–6

Moderator: *Michael J. Shortsleeve, MD**

“GME Answers to the Most Commonly Asked Questions”

*Judith S. Armbruster, PhD**

*Carol M. Rumack, MD**

Learning Objectives:

1. How to increase resident complement.
2. How to prepare for an external site visit.
3. What are current common citations?

A³CR² Position Discussion

Location: Golden Gate Hall Salons A1 and A2

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

Madh Krishnan, MD[▲]

Christopher Kay, MD[▲]

* Author stated no financial disclosure. ▲ Disclosure information unavailable at press time.

FRIDAY, APRIL 23, 2004

Objectives:

A summary and document creation of a position paper from the problem-solving work output.
Consideration of how to make A³CR² a more relevant organization.

AMSER Skills Session

Location: Golden Gate Hall Salons B1 and B2

“PowerPoint™ for Radiologists: A Three-Step Process (Steps 1 and 2)”

*Ken L. Schreibman, PhD, MD**

This session will address preparing presentations for teaching with PowerPoint. Steps 1 and 2 will be presented on Friday at 4:00 PM. Steps 2 and 3 will be presented on Saturday at 2:00 PM.

Step 1: Getting images into PowerPoint (individually, and with Photo Album)

Step 2: Adding stuff (arrows, text, AutoShapes, etc)

Step 3: Making things easier to follow (via animation and hyperlinks)

Learning Objectives:

1. Getting images into PowerPoint.
2. Manipulating images.
3. Drawing with AutoShapes.

4:00–7:00 PM

AUR-Philips Academic Faculty Development Program (continued)

Location: Yerba Buena Ballroom Salons 1 and 2

7:00–10:00 PM

APDR Past Presidents Dinner (by invitation only)

Location: TBD

Saturday, April 24, 2004

6:30–8:00 AM

Continental Breakfast (all attendees)

Location: Golden Gate Hall C1 and C2

6:30 AM–4:30 PM

Meeting Registration

Location: Golden Gate Registration

6:30 AM–4:00 PM

Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

7:00–8:15 AM



A³CR²/APDR/APCR Breakfast

Location: Yerba Buena Ballroom Salon 7

“RRC and Fellowship Programs”

Moderator: *Charles S. Resnik, MD**

“RRC Issues and Accreditation Requirements”

*Judith S. Armbruster, PhD**

7:00–8:30 AM

AMSER Breakfast

Location: Golden Gate Hall Salons B1 and B2

“Electronic Media for Teaching”

“Teaching with PDAs”

*James J. Choi, MD**

* Author stated no financial disclosure. ^ Disclosure information unavailable at press time.

SATURDAY, APRIL 24, 2004

Learning Objectives:

1. Understand personal digital assistant (PDA) devices currently available.
2. Understand various resources available for PDA-based teaching.
3. Understand popular software used in PDA-based teaching.

“Tools and Techniques to Support the Apprentice Learner in Radiology”

*Michael P. D’Alessandro, MD**

Learning Objectives:

1. Become familiar with radiology and anatomy educational resources on the Internet.
2. Learn to use the Internet for informal teaching during clinical work.
3. Learn to use the Internet to answer questions that arise during clinical work.
4. Learn to use the Internet to create learning portfolios for medical students.

“Radiology in the Clinical Setting as Part of Surgery, Medicine, Ob/Gyn, and Pediatrics: Virtually”

*Judith K. Amorosa, MD**

Learning Objectives:

1. Attendees should be able to compare stand-alone radiology course to integrated radiology learning modules with material corresponding to core courses: surgery, medicine, obstetrics/gynecology, and pediatrics.
2. Attendees should be able to evaluate learning modules intended to be part of the core course integrated curriculum.
3. Attendees should see how evidence-based decisions are incorporated into the learning material. The purpose of the most appropriate imaging examination based on evidence—see examples of the clinical condition on images.

GERRAF Breakfast

Location: Yerba Buena Ballroom Salons 5 and 6

8:30–10:00 AM

APDR/APCR

Location: Yerba Buena Ballroom Salon 7

Part I: Faculty Development/Program Directors/Program Coordinators Workshop

Moderator: *Coralie Shaw, MD**

“Responsibilities of Program Directors”

*Martha B. Mainiero, MD**

Learning Objectives:

1. Describe the ACGME requirements for teaching faculty.
2. List the key components of the resident curriculum.
3. Discuss the methods of resident evaluation.
4. Understand the function of the education committee.

“Role of the Residency Coordinator”

*Pauline Marek**

*Lois A. Shuman**

Learning Objectives:

1. Inform academic faculty of the scope of the coordinator’s function and abilities in helping to administer the program.
2. Offer new possibilities for assisting the program director.
3. Focus on the coordinator as part of the residency team.
4. Give new program coordinators an idea of the scope of their job.

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SATURDAY, APRIL 24, 2004

“Program Policies and Documents”
*Jannette Collins, MD, MEd, FCCP**

Learning Objectives:

1. Describe the policy documents required by ACGME for residency programs.
2. Describe the policies of the American Board of Radiology (ABR) that are related to residency programs.
3. Describe the policies and documents used at local residency programs.

RRA Session

Location: Golden Gate Hall Salon A3

NIBIB/NCI/ARR Update

Moderator: *C. Leon Partain, MD, PhD**

Faculty: *Ronald L. Arenson, MD**

*Roderic I. Pettigrew, MD, PhD**

*Daniel C. Sullivan, MD**

Ronald L. Arenson, MD (ARR)—Learning Objective:

1. Understand the current activities of the Academy of Radiology Research (ARR) to support the research funding for imaging.

Daniel C. Sullivan, MD (NCI)—Learning Objectives:

1. Understand current research priorities of the National Cancer Institute (NCI).
2. State the goals of the Cancer Imaging Program (CIP) in NCI.
3. Understand programs and funding mechanisms available within NCI for imaging researchers.

AMSER Joint Session

Location: Golden Gate Hall Salons B1 and B2

“Self-directed Learning: Using Learner-centered Teaching to Develop Lifelong Learners”

*Richard B. Gunderman, MD, PhD**

*Beverly P. Wood, MD, MSc**

Richard B. Gunderman, MD, PhD—Learning Objectives:

1. The rationale for preparing students to be lifelong learners.
2. The need for learner-centered, as opposed to teacher-centered, education.
3. Strategies for enhancing learner-centered lifelong learning.

Beverly P. Wood, MD, MSc—Learning Objectives:

1. Define the role of self-directed learning in radiology practice.
2. Identify the stages in development of self-directed learning.
3. Describe ways to support and enhance self-directed learning.

A³CR² Film Panel 2

Location: Golden Gate Hall Salons A1 and A2

10:00–10:30 AM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

10:30–11:30 AM

AUR Membership Committee Meeting (closed meeting)

Location: Pacific Conference Suite D

10:30 AM–12:00 PM

APDR/APCR

Location: Yerba Buena Ballroom Salon 7

Part II: Faculty Development/Program Directors/Program Coordinators Workshop

Moderator: *Coralie Shaw, MD**

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“Radiology External Review”

*Carol M. Rumack, MD**

Learning Objectives:

1. Learn how to prepare for an ACGME site visit.
2. Know what documents you will need.
3. Know what will be expected in regard to ACGME core competencies.

“Faculty and Resident Evaluation”

*Jannette Collins, MD, MEd, FCCP**

Learning Objectives:

1. Describe the ACGME requirements for evaluating residents and faculty.
2. Describe tools used to evaluate residents and faculty.

“Educational Infrastructure for Radiology Residency”

*Felix S. K. Chew, MD**

Learning Objectives:

1. Identify the educational infrastructure of a radiology residency.
2. Describe how the infrastructure may affect resident education.
3. Describe methods of developing and managing infrastructure.

AUR-E Session

Location: Golden Gate Hall Salon A3

“Installing PACS in a Large Teaching Hospital: ‘Nonstructural’ Pitfalls and Hints”

*Johan G. Blickman, MD, PhD**

“Modern Computed Tomography: What Is the Dose Burden, and Does It Matter?”

*Peter Dawson, PhD, MD**

Learning Objectives:

1. To understand why the dose burden is higher with spiral/helical CT than with incremental CT.
2. To understand why the dose burden is yet higher with multislice spiral/helical CT.
3. To understand the magnitude of typical exposures in both absolute and relative terms.
4. To understand the basis of the belief that typical CT doses may represent a significant risk.
5. To understand something of the more controversial idea that such doses are unlikely to be harmful.

AUR Scientific Session 8

Location: Golden Gate Hall Salon B3

Bone/Pediatrics (Papers 57–65)

Moderator: TBD

12:00–2:00 PM



Luncheon (all attendees)

Location: Yerba Buena Ballroom Salon 8

AUR Business Meeting and Kay Vydareny Film Interpretation Competition (The Finals)

2:00–3:30 PM

AMSER Skills Session

Location: Golden Gate Hall Salons B1 and B2

“PowerPoint™ for Radiologists: A Three-Step Process (Steps 2 and 3)”

*Ken L. Schreibman, PhD, MD**

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SATURDAY, APRIL 24, 2004

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- Step 2: Adding stuff (arrows, text, AutoShapes, etc)
- Step 3: Making things easier to follow (via animation and hyperlinks)

Learning Objectives:

- 1. Getting images into PowerPoint.
- 2. Manipulating images.
- 3. Drawing with AutoShapes.

APDR/APCR/A³CR² Roundtables

Location: Yerba Buena Ballroom Salon 7
“Problem Solving”

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 9

Location: Golden Gate Hall Salon A3
Administration/Socioeconomic; Management; Computers in Radiology
(Papers 66–72)

Moderator: *Steven E. Seltzer, MD**

AUR Session 10

Location: Yerba Buena Ballroom Salons 5 and 6
GERRAF (Papers 73–79)
Moderator: TBD

3:30–4:00 PM

Break and Scientific Poster Viewing

Location: Golden Gate Hall Salons C1 and C2

3:45–5:15 PM



A³CR² Business Meeting

Location: Golden Gate Hall Salons A1 and A2

4:00–5:00 PM

APCR Business Meeting (members only)

Location: Golden Gate Hall Salons B1 and B2

6:30–7:30 PM

Annual Banquet Cocktail Reception (all attendees)

Location: Yerba Buena Ballroom Foyer

7:30–11:00 PM

Annual Banquet and Awards Ceremony (all attendees)

Location: Yerba Buena Ballroom Salon 7

Program concludes.

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