

AUR 65th Annual Meeting Program

Black entry indicates educational programming; **green** entry indicates society-specific event.
See page 9 for description and key to content codes.

S designates a session being offered as a self-assessment module (SAM).

RLD indicates programming of special interest to ARRLD participants.

ARLM indicates qualifying session for the Academy of Radiology Leadership and Management.

R Research Session

E Education Session

A Administration Session

L Leadership Session

T Trainee Session

Monday, May 8, 2017

Monday 7:00-8:30 AM

Session No. 101 • Grand Ballroom West Residency Hot Topics **E** **A**

AMA PRA Category 1 Credits™: 1.50

ED **LM**

Lori A. Deitte, MD, Moderator
Matthew T. Heller, MD*, Moderator

LEARNING OBJECTIVES

1) Describe and appraise the APDR survey results. 2) Discuss the recent radiology match results. 3) Identify trends in the radiology job market. 4) Describe the status of the Radiology Exam initiative.

A. APDR Survey Results

Angelisa M. Paladin, MD

B. Match Results

Anna Rozenshtein, MD

C. Job Market Update

Edward I. Bluth, MD

D. Rad Exam Update

Petra J. Lewis, MD*
Lawrence P. Davis, MD

Monday 7:00-8:30 AM

Session No. 102 • Diplomat Ballroom 2 ARRALD Program 1 (closed program)

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RLD** **ARLM**

LEARNING OBJECTIVES

1) Describe the principles of academic leadership. 2) Identify opportunities for practice improvement. 3) Discuss how to develop approaches for practice improvement.

A. Introduction to Leadership (7:00-8:30 AM)

Ruth C. Carlos, MD, MS*
James V. Rawson, MD

Monday 7:30-8:15 AM

Chief Resident Welcome and Annual Survey Review • Regency Ballroom 1

LEARNING OBJECTIVES

1) Discuss annual survey data from A³CR² membership about residency programs, compiled by the Mallinckrodt Institute of Radiology.

A. Chief Resident Welcome (7:30-7:45 AM)

Peter S. Liu, MD
Robert E. Hobohm, MD*

B. Annual Survey Review (7:45-8:15 AM)

Richard Tsai, MD

* Faculty financial disclosures are located in the Faculty Index.

Monday 8:00-10:00 AM

Session No. 103 • Atlantic Ballroom 3 Scientific and Health Policy Research: Scholar Presentations and Mentoring Program: Part 1 **(R)**

AMA PRA Category 1 Credits™: 2.00



Leon Lenchik, MD, Moderator
Rathan M. Subramaniam, MD, PhD, MPH, Moderator

LEARNING OBJECTIVES

1) Describe scientific and health policy research projects and their implications for radiology practices. 2) Identify opportunities and challenges facing contemporary academic radiology practice and radiology leadership. 3) Discuss evolving paradigms and challenges for radiology in health care in the next decade.

A. Overview (8:00-8:05 AM)

B. Keynote Address 1: Pillars of Radiology Academic Leadership (8:05-8:35 AM)

Alexander Norbash, MD*

C. Scholar Presentation 1 (8:35-8:45 AM)

Benjamin Pulli, MD

D. Scholar Presentation 2 (8:45-8:55 AM)

David H. Ballard, MD

E. Scholar Presentation 3 (8:55-9:05 AM)

Priya Rajagopalan, MBBS, MPH

F. Keynote Address 2: Frontiers of Imaging Research (9:05-9:30 AM)

Richard L. Ehman, MD*

G. Scholar Presentation 4 (9:30-9:40 AM)

Premal S. Trivedi, MD

H. Scholar Presentation 5 (9:40-9:50 AM)

Mariam S. Aboian, MD, PhD

I. Scholar Presentation 6 (9:50-10:00 AM)

Aleksandr Rozenberg, MD

Monday 8:30-10:00 AM

Session No. 104 • Atlantic Ballroom 1 AUR Research and Education Foundation Grant Session **(R) (E) (A)**



AMA PRA Category 1 Credits™: 1.50



Kimberly E. Applegate, MD, MS*, Moderator

LEARNING OBJECTIVES

1) Recognize the AUR Research and Education (R&E) Foundation history and growth to the present time. 2) Discuss how to access the grant information online, and explain eligibility criteria, deadlines, and goals for grant recipient mentorship and for the AUR organization. 3) Explain how the current grant projects may be useful and accessible to all AUR members. 4) Describe the nature and range of projects that are made available to junior faculty by the AUR R&E Foundation.

A. Introduction: AUR Research and Education Foundation History and Growth (8:30-8:45 AM)

Kimberly E. Applegate, MD, MS*

B. 2015 Venture Fund Grant: Radiology for the Medical Student Symposium/Regional Outreach (8:45-9:00 AM)

Sravanthi Reddy, MD

C. 2016 Strategic Alignment Grant (SAG): Value of Imaging through Comparative Effectiveness (VOICE) Research Program: A Collaborative Training Program in Biomedical Big Data and Comparative Effectiveness Research for the Field of Radiology (9:00-9:15 AM)

Stella K. Kang, MD, MSc

D. 2015 Venture Fund Grant: On-line Statistical Training for Radiology Researchers; 2016 AUR/RSNA Education Scholar: Design of an Interactive Case-based Online Tutorial for Prostate MRI Interpretation Using PI-RADS (9:15-9:30 AM)

Andrew B. Rosenkrantz, MD*

E. 2014 Ethics and Professionalism Grant: Thick Descriptions of Excellence in Radiologic Professionalism (9:30-9:45 AM)

Richard B. Gunderman, MD, PhD

F. Q&A (9:45-10:00 AM)

* Faculty financial disclosures are located in the Faculty Index.

Monday 8:30-10:00 AM**Session No. 105 • Regency Ballroom 1
Professionalism and Leadership Essentials (L T)**

AMA PRA Category 1 Credits™: 1.50



Robert E. Hobohm, MD*, Moderator

LEARNING OBJECTIVES

1) Describe leadership challenges and opportunities facing chief residents as they learn to manage colleagues and mature into leadership roles for their future careers. 2) Discuss processes and strategies designed to build success, both as an individual and as a team/organization. 3) Explain various aspects of professionalism and why these elements can be critical parts of career development.

A. Resident Leadership: Challenges and Opportunities (8:30-8:45 AM)

Peter S. Liu, MD

B. Leadership Essentials for Career Success in Radiology (8:45-9:00 AM)

Frank J. Lexa, MD

C. High-performing Teams (9:00-9:15 AM)

Alexander Norbash, MD*

D. Volunteerism (9:15-9:30 AM)

N. Reed Dunnick, MD

E. Dealing with Difficult People (9:30-9:45 AM)

Valerie P. Jackson, MD

F. Q&A (9:45-10:00 AM)**Monday 8:30-10:00 AM****Session No. 106 • Grand Ballroom West
What to Do with the Unexpected: Resident ACGME Survey Results and the Self-Study (E A)**

AMA PRA Category 1 Credits™: 1.50



James C. Anderson, MD, Moderator

Kristen L. Bagnon, MD, Moderator

LEARNING OBJECTIVES

1) Identify and recommend ways to provide resident feedback after assignments. 2) Discuss how to develop a curriculum with the appropriate balance of education versus service. 3) Identify methods for providing data to residents about practice habits. 4) Describe strategies for preparing for the ACGME self-study.

A. Overview of ACGME Survey: Noncompliant Areas in Radiology

Kristen K. DeStigter, MD*

B. Resident Feedback after Assignments

David S. Sarkany, MD

C. Appropriate Balance: Education versus Service

Darel E. Heitkamp, MD

D. Providing Data to Residents about Practice Habits

Desiree E. Morgan, MD*

E. Preparing for the ACGME Self-Study

Tudor H. Hughes, MD, FRCR

Monday 10:00-10:30 AM**Break • Grand Ballroom East****Monday 10:30-11:00 AM****Session No. 107 • Regency Ballroom 1
Case Review: Breast Imaging (T)**

AMA PRA Category 1 Credit™: .50



Shehbaz H. Shaikh, MD, Moderator

Lucy Spalluto, MD

LEARNING OBJECTIVES

1) Describe common and uncommon cases in breast imaging, highlighting key imaging findings and interpretative teaching points.

Monday 10:30 AM-12:00 PM**Session No. 108 • Grand Ballroom West
Residency Education Roundup: A Roundtable Session to Exchange Education Ideas and Resources (E A)**

AMA PRA Category 1 Credits™: 1.50



Angelisa M. Paladin, MD, Moderator

Harprit S. Bedi, MD, Moderator

LEARNING OBJECTIVES

1) Describe current challenges in residency education. 2) Explain how to exchange ideas about potential solutions to these challenges. 3) Discuss how to assemble shared resources for residency education.

Monday 10:30 AM-12:00 PM**Session No. 109 • Atlantic Ballroom 1
Maximizing Educational Productivity (E)**

AMA PRA Category 1 Credits™: 1.50



David S. Sarkany, MD, Moderator

Timothy P. Kasprzak, MD*, Moderator

LEARNING OBJECTIVES

1) Identify the most common metrics used to define value in a clinician-educator. 2) Explain the scope of scholarship for a clinician-educator. 3) Discuss how to implement simple but effective educational techniques leveraged by user-friendly software and apps and to use some powerful "hidden" education-enhancing functions already available in popular software such as PowerPoint. 4) Describe how to construct a research question, and discuss what elements contribute to successful survey design. 5) Identify effective, individually targeted methods of advancing an academic career through education.

A. Basic Metrics for the Clinician-Educator

Kristen L. Bagnon, MD

B. Educational Scholarship

Puneet Bhargava, MD*

C. Educational Opportunities for Career Advancement

Petra J. Lewis, MD*

D. Embracing Technology: Tips and Tricks

Brent P. Little, MD

E. Essentials of Educational Research: Surveys and More

Corrie M. Yablon, MD

* Faculty financial disclosures are located in the Faculty Index.

Monday 10:30 AM-12:00 PM**Session No. 110 • Atlantic Ballroom 3
Scientific and Health Policy Research: Scholar Presentations and Mentoring Program: Part 2 (R)**

AMA PRA Category 1 Credits™: 1.50

ED **HP**Rathan M. Subramaniam, MD, PhD, MPH, Moderator
William F. Auffermann, MD, PhD, Moderator**LEARNING OBJECTIVES**

1) Describe scientific and health policy research projects and their implications for radiology practices. 2) Identify opportunities and challenges facing contemporary academic radiology practice and radiology leadership. 3) Discuss evolving paradigms and challenges for radiology in health care in the next decade.

A. Keynote Address 3: Radiology Clinical Practice: Value to Patients and Clinicians (10:30-11:00 AM)

Richard B. Gunderman, MD, PhD

B. Scholar Presentation 7 (11:00-11:10 AM)

Kelly E. Fabrega-Foster, MD*

C. Scholar Presentation 8 (11:10-11:20 AM)

Alexander H. Lam, MD

D. Scholar Presentation 9 (11:20-11:30 AM)

Jennifer Favinger, MD

E. Scholar Presentation 10 (11:30-11:40 AM)

Po-Hao Chen, MD, MBA

F. Panel Discussion (11:40 AM-12:00 PM)**Monday 10:30 AM-12:00 PM****Session No. 126 • Regency Ballroom 3
Group Dynamics: Understand, Influence, and Improve Group Dynamics during PED, CCC, and Other Meetings (APCR members only) (A)**

AMA PRA Category 1 Credits™: 1.50

ED

Paul Putman, PhD*

LEARNING OBJECTIVES

1) Identify the characteristics of a successful group, including individual key roles and skillful guidance of the stages of group development. 2) Identify the composition of an achievable group goal. 3) Recognize and describe the elements of individual benefit and social relations within a group, particularly motivation and cohesion.

Monday 11:00 AM-12:00 PM**Session No. 111 • Regency Ballroom 1
ACR Update for Residents (T)**

AMA PRA Category 1 Credit™: 1.00

EDJohn M. Ponting, MD, Moderator
Daniel A. Ortiz, MD, Moderator
James A. Brink, MD**LEARNING OBJECTIVES**

1) Discuss an overview of the structure and mission of the ACR. 2) Describe ways that the ACR helps practicing radiologists, including advocacy and collaboration. 3) Explain opportunities for physician engagement in the ACR, including at the trainee level.

Monday 12:00-1:00 PM**Session No. 112 • Atlantic Ballroom 2
Scientific and Health Policy Research: Lunch and Keynote: Health Care Reform: Influence and Impact on Imaging (R) (L)**

AMA PRA Category 1 Credit™: 1.00

ED **HP**Rathan M. Subramaniam, MD, PhD, MPH, Moderator
Geraldine B. McGinty, MD, MBA**LEARNING OBJECTIVES**

1) Describe scientific and health policy research projects and their implications for radiology practices. 2) Identify opportunities and challenges facing contemporary academic radiology practice and radiology leadership. 3) Discuss evolving paradigms and challenges for radiology in health care in the next decade.

Monday 12:00-1:00 PM**A³CR² Networking Lunch (A³CR² members only) •
Regency Ballroom 2****Monday 12:00-1:00 PM****ARRALD Program Mentorship Lunch (closed program) •
Diplomat Ballroom 3****ARD****Monday 12:00-1:00 PM****AUR New Attendee Orientation Meeting • Atlantic
Ballroom 1**

* Faculty financial disclosures are located in the Faculty Index.

Monday 1:00-3:00 PM**Session No. 113 • Atlantic Ballroom 3**
Scientific and Health Policy Research: Part 3: An Introduction to Standard Outcomes Research Methods (R)

AMA PRA Category 1 Credits™: 2.00

ED HP SPina C. Sanelli, MD, MPH, Moderator
Ajay Gupta, MD*, Moderator**LEARNING OBJECTIVES**

- 1) Describe research questions that would be suitable for analysis with Bayesian, decision-analytic, meta-analytic, and survey research approaches.
- 2) Explain how to evaluate health services investigations that use the research methods discussed.

A. Test Performance and Bayesian Analysis

Pina C. Sanelli, MD, MPH

B. Decision Analysis and Meta-analysis

Stella K. Kang, MD, MSc

C. Survey Research

Katherine E. Maturen, MD

Monday 1:00-3:30 PM**Session No. 114 • Diplomat Ballroom 2**
ARRALD Program 2 (closed program)

AMA PRA Category 1 Credits™: 2.50

ED LM RLD**LEARNING OBJECTIVES**

- 1) Describe the principles of academic leadership.
- 2) Identify opportunities for practice improvement.
- 3) Discuss how to develop approaches for practice improvement.

A. Radiologic Professional Organizations: Making Sense of the “Alphabet Soup” (1:00-1:50 PM)

N. Reed Dunnick, MD

B. Networking in the Radiology Profession/Community (1:50-2:15 PM)

Ruth C. Carlos, MD, MS*

C. Networking Exercise: Speed Networking (2:15-3:30 PM)

Ruth C. Carlos, MD, MS*

Monday 2:00-2:30 PM**Session No. 115 • Regency Ballroom 1**
Case Review: Cardiac Radiology (T)

AMA PRA Category 1 Credit™: .50

CA EDShehbaz H. Shaikh, MD, Moderator
Brian B. Ghoshhajra, MD***LEARNING OBJECTIVES**

- 1) Describe common and uncommon cases in cardiac radiology, highlighting key imaging findings and interpretative teaching points.

Monday 2:00-3:30 PM**Session No. 116 • Atlantic Ballroom 1**
Faculty Survival Skills 101 (E L)

AMA PRA Category 1 Credits™: 1.50

ED LM ARLMLucy Spalluto, MD, Moderator
Allison M. Grayev, MD, Moderator**LEARNING OBJECTIVES**

- 1) Explain the fundamental elements of negotiation.
- 2) Identify ways to foster collaboration.
- 3) Discuss the importance of mentorship in medical education.
- 4) Discuss how to develop strategies for promoting a culture of wellness.

A. Negotiation Basics

Mary C. Mahoney, MD

B. Group Dynamics: Fostering Collaboration and Avoiding Crises

James V. Rawson, MD

C. Mentoring

Mark A. Reddick, MD, MS

D. Avoiding Burnout and Promoting a Culture of Wellness during Residency

Jessica B. Robbins, MD

Monday 2:00-3:30 PM**Session No. 120 • Regency Ballroom 3**
Myers-Briggs Workshop: Part 1: How Understanding Perception and Judgment Can Make You More Successful as a Program Coordinator or Manager (APCR members only) (A)

AMA PRA Category 1 Credits™: 1.50

ED LM

Paul Putman, PhD*

LEARNING OBJECTIVES

- 1) Identify one's individual personality type based on one's preferences of the four dichotomies of extroversion and introversion, sensing and intuiting, thinking and feeling, and judging and perceiving.
- 2) Discuss how to adjust interpersonal skills and communication when dealing with residents, fellows, and faculty of different personality types.

Monday 2:30-3:30 PM**Session No. 117 • Regency Ballroom 1**
ABR Update for Residents (T)

AMA PRA Category 1 Credit™: 1.00

EDScott J. Parker, MD*, Moderator
Jessica Record, MD, Moderator
Kay H. Vydareny, MD**LEARNING OBJECTIVES**

- 1) Discuss an overview of the ABR and its governing role for practicing radiologists.
- 2) Identify updated relevant changes in the board certification process, including core and certifying exams.
- 3) Describe changes in the maintenance of certification process.

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Monday 3:00-4:00 PM**Session No. 118 • Atlantic Ballroom 3
Research Boot Camp for New Investigators** **(R)**

AMA PRA Category 1 Credit™: 1.00

ED **RS**Kevin S. King, MD, Moderator
Robert J. Ward, MD, Moderator**LEARNING OBJECTIVES**

1) Describe generating the idea and planning a new research study. 2) Explain analyzing the data, including statistical considerations. 3) Discuss preparing the manuscript and getting the paper published.

A. Planning the Study: Pearls and Pitfalls

Kevin S. King, MD

B. Analyzing the Data: Pearls and Pitfalls

William F. Auffermann, MD, PhD

C. Preparing the Manuscript: Pearls and Pitfalls

Andrew B. Rosenkrantz, MD*

D. Panel Discussion**Monday 3:30-4:00 PM****Break • Grand Ballroom East****Monday 4:00-4:30 PM****Session No. 119 • Regency Ballroom 1
Case Review: Physics** **(T)**

AMA PRA Category 1 Credit™: .50

ED **PH**Shehbaz H. Shaikh, MD, Moderator
Ravi K. Kaza, MD**LEARNING OBJECTIVES**

1) Describe common and uncommon cases in clinical radiology physics, highlighting key principles and teaching points.

Monday 4:00-5:00 PM**Session No. 123 • Atlantic Ballroom 3
Appropriate Use of Imaging: The Case for CT** **(R)** **(A)**

AMA PRA Category 1 Credit™: 1.00

CT **SQ** **S**William F. Auffermann, MD, PhD, Moderator
Dhakshina M. Ganeshan, MD, Moderator**LEARNING OBJECTIVES**

1) Discuss why policymakers are concerned about CT. 2) Explain how to optimize CT protocols. 3) Describe various myths about medical radiation.

A. Why Policymakers Are Focused on CT

Kimberly E. Applegate, MD, MS*

B. Optimization of CT

Phuong-Anh T. Duong, MD

C. Myths

Tessa S. Cook, MD, PhD

Monday 4:00-5:30 PM**Session No. 121 • Regency Ballroom 2
Simulation (Hands-on Workshop) (Preregistration Required)** **(E)**

AMA PRA Category 1 Credits™: 1.50

ED **IN**Katherine A. Klein, MD, Moderator
Carolyn L. Wang, MD, Moderator
Deborah O. Jeffries, MD
Mishal Mendiratta-Lala, MD
T. Shawn Sato, MD
Ashish P. Wasnik, MD
Meryle J. Eklund, MD
Zachary L. Bercu, MD
Carina W. Yang, MD
Mai A. Elezaby, MD**LEARNING OBJECTIVES**

1) Identify different opportunities where simulation can play a role in the institution's education of residents and medical students. 2) Describe the importance of using validated assessment tools if simulation is used for competency or milestone measures. 3) Explain the difference between a computer model of simulation and active simulation with a phantom. 4) Describe how to create a simulation curriculum at the institution.

Monday 4:00-5:30 PM**Session No. 122 • Atlantic Ballroom 2
Team-based Learning (Hands-on Workshop) (Preregistration Required)** **(E)**

AMA PRA Category 1 Credits™: 1.50

EDPedro J. Diaz-Marchan, MD, Moderator
Christopher P. Ho, MD
Angela Giardino, MD
Perry G. Pernicano, MD
Timothy Ziemlewicz, MD***LEARNING OBJECTIVES**

1) Recognize the principles that promote active learning in small groups. 2) Identify the key components and the four S's of a team-based learning (TBL) session. 3) Discuss how to develop the tools to conduct a TBL session in a residency program.

Monday 4:00-5:30 PM**Session No. 124 • Diplomat Ballroom 2
ARRALD Program 3 (closed program)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RLD****LEARNING OBJECTIVES**

1) Describe the principles of academic leadership. 2) Identify opportunities for practice improvement. 3) Discuss how to develop approaches for practice improvement.


A. Junior Faculty Panel: Balancing Life and Career in Academic Radiology (4:00-5:30 PM)Jadranka Stojanovska, MD, Moderator
Priscilla J. Stanetz, MD, MPH
Anna Rozenshtein, MD
Reed A. Omary, MD, MS

* Faculty financial disclosures are located in the Faculty Index.

Monday 4:00-5:30 PM

APCR Member Meeting 1 • Regency Ballroom 3

Monday 4:30-5:30 PM

Session No. 125 • Regency Ballroom 1
Idea Forum (A³CR² members only) 

AMA PRA Category 1 Credit™: 1.00



Geraldine Liao, MD, Moderator
 Joseph S. Zerr, MD, Moderator
 Darel E. Heitkamp, MD
 William D. Kerridge, MD

LEARNING OBJECTIVES

1) Describe experiences and identify mutual challenges among member chief residents representing programs from across the country. 2) Productively identify, exchange, and appraise ideas on a variety of practical, real-world issues affecting diagnostic radiology residency training. 3) Discuss how to develop and disseminate innovative tangible solutions for shared challenges that can be employed at one's home institution.

Monday 5:00-5:30 PM

APDR Business Meeting • Atlantic Ballroom 1

Monday 5:30-6:30 PM

A³CR²/APDR/SCARD/APCR/RSNA Beer and Pretzels Reception (Co-Sponsored by APDR, RSNA, and SCARD)
• Great Hall 5-6



* Faculty financial disclosures are located in the Faculty Index.

Tuesday 7:00-7:30 AM

Session No. 202 • Regency Ballroom 1

Case Review: Thoracic Radiology (T)

AMA PRA Category 1 Credits™: .50

CH ED

Shehbaz H. Shaikh, MD, Moderator
Tan-Lucien H. Mohammed, MD, MS

LEARNING OBJECTIVES

- 1) Describe common and uncommon cases in thoracic radiology, highlighting key imaging findings and interpretative teaching points.

Tuesday 7:00-8:15 AM

Session No. 201 • Grand Ballroom East

Poster Discussion Session (R) (E) (A) (L) (T)

AMA PRA Category 1 Credits™: 1.25

OT

Tuesday 7:00-8:15 AM

Session No. 203 • Atlantic Ballroom 3

Advising and Recruiting Medical Students (E) (A)

AMA PRA Category 1 Credits™: 1.25

ED LM ARLM

Glenn C. Gaviola, MD, Moderator
George Vatakencherry, MD, Moderator

LEARNING OBJECTIVES

- 1) Identify implications of the new interventional radiology (IR) residency for advising medical students.
- 2) Compare and contrast the parallel IR/DR interview season with the traditional diagnostic radiology (DR) interview season.
- 3) Describe current initiatives to engage medical students in radiology.
- 4) Explain the key features of structured interviews.

A. The New IR/DR Residency: Implications for Advising Medical Students

Emily M. Webb, MD
Jeanne M. LaBerge, MD*

B. Parallel Interview Season for Interventional Radiology and Diagnostic Radiology

Janet E. Bailey, MD
Jennifer E. Gould, MD*

C. Initiatives to Engage Students in Radiology

Meryle J. Eklund, MD

D. Structured Interviews

Charles K. Grimes, MD*

Tuesday 7:00-8:15 AM

Session No. 204 • Regency Ballroom 3

Myers-Briggs Workshop: Part 2: How Understanding Perception and Judgment Can Make You More Successful as a Program Coordinator or Manager (APCR members only) (A)

AMA PRA Category 1 Credits™: 1.25

ED LM

Paul Putman, PhD*

LEARNING OBJECTIVES

- 1) Explain how to manage change effectually using insight into personality type.
- 2) Discuss how to formulate a plan to develop professionally using insight into personality type.

Tuesday 7:00-8:15 AM

Session No. 205 • Atlantic Ballroom 1

When to Nurture Disruptive Ideas: Leaders' Perspectives (L)

AMA PRA Category 1 Credits™: 1.25

ED LM ARLM

Pari Pandharipande, MD, MPH*, Moderator
Jeffrey G. Jarvik, MD, MPH*, Moderator

LEARNING OBJECTIVES

- 1) Describe key leadership interventions that have positively influenced large academic practices in radiology.
- 2) Identify circumstances that have prompted successful leaders to redefine accepted norms in radiology leadership.

A. How to Capitalize Core Competencies in Radiology

James H. Thrall, MD*

B. Defining What It Means to Be Faculty in a Community Model

Carolyn C. Meltzer, MD

C. Change Management through Displacing the Locus of Decision Making to the Crowd

Alexander Norbash, MD*

D. Panel Discussion

Tuesday 7:00-8:15 AM

Session No. 206 • Diplomat Ballroom 2

ARRALD Program 4 (closed program)

AMA PRA Category 1 Credits™: 1.25

ED LM RLD ARLM

LEARNING OBJECTIVES

- 1) Describe the principles of academic leadership.
- 2) Identify opportunities for practice improvement.
- 3) Discuss how to develop approaches for practice improvement.

A. Leadership Examples, Theory, and Lessons Learned (7:00-7:30 AM)

Alexander Norbash, MD*

B. Critical Communication Skills and Conflict Resolution (7:30-8:15 AM)

James H. Thrall, MD*

Tuesday 7:30-8:15 AM**Session No. 207 • Regency Ballroom 1
Medical-Legal Issues for Trainees (T)**

AMA PRA Category 1 Credits™: .75

ED **ARLM**Michael R. Cline, MD, Moderator
Matthew P. Kiczek, DO*, Moderator**LEARNING OBJECTIVES**

1) Identify common medical-legal issues facing trainees, including as they transition to early practice. 2) Discuss facts and fiction about malpractice proceedings. 3) Describe how shared-risk and quality metrics affect the medical and legal aspects of radiology.

A. Medical-Legal Issues in Radiology for Trainees: Facts and Fiction

H. Benjamin Harvey, MD, JD

Tuesday 8:00-10:00 AM**Session No. 208 • Atlantic Ballroom 2
AUR Radiology Management Program (closed program)
(Supported by an unrestricted educational grant from Nuance
Communications, Inc.)**

AMA PRA Category 1 Credits™: 2.00

ED **LM** **ARLM****LEARNING OBJECTIVES**

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Welcome and Overview (8:00-8:15 AM)

Pablo R. Ros, MD, MPH*

**B. Case 1: The Hunger Games: Productivity-based Compensation Plan
for Academic Radiologists (8:15-10:00 AM)**Ronald L. Arenson, MD
Pablo R. Ros, MD, MPH***Tuesday 8:30-10:00 AM****Session No. 209 • Grand Ballroom West
AMSER Lucy Squire and APDR/ACR Keynote Lecture: Changes in
Radiology Education: Evolution or Revolution? (E L)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RLD** **ARLM**Emily M. Webb, MD, Moderator
Catherine Lucey, MD***LEARNING OBJECTIVES**

1) Discuss the forces for change in medical education at large. 2) Describe the opportunities for radiology education to lead transformational change.

Tuesday 8:30-10:00 AM**Session No. 210 • Atlantic Ballroom 1
Radiology Research Alliance: Task Force Reports, Part 1 (R)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RS** **ARLM**Andrew B. Rosenkrantz, MD*, Moderator
Linda J. Probyn, MD, Moderator**LEARNING OBJECTIVES**

1) Describe unification of structured reporting across radiology practices. 2) Explain the impact of federal and nonfederal funding sources on radiology research. 3) Discuss promoting collaboration between radiologists and basic scientists. 4) Discuss multicenter research studies in radiology.

A. Unification of Structured Reporting across Radiology Practices

Dhakshina M. Ganeshan, MD

**B. The Impact of Federal and Nonfederal Funding Sources on
Radiology Research**Alison L. Chetlen, DO*
Andrew J. Degnan, MD
Elizabeth A. Krupinski, PhD
Angela Tong, MD, MS
Nikita Consul, BS**C. Promoting Collaborations between Radiologists and Basic
Scientists**John-Paul J. Yu, MD, PhD
Tiffany L. Chan, MD
Elizabeth M. Johnson, MD, MS
Winnie A. Mar, MD**D. Multicenter Research Studies in Radiology**Soterios Gyftopoulos, MD*
Brittany Dashevsky, MD, DPhil**Tuesday 10:00-10:30 AM****Break and Poster Viewing • Grand Ballroom East****Tuesday 10:30-11:00 AM****Session No. 211 • Regency Ballroom 1
Case Review: Neuroradiology (T)**

AMA PRA Category 1 Credits™: .50

NR **ED**Shehbaz H. Shaikh, MD, Moderator
Mark E. Mullins, MD, PhD**LEARNING OBJECTIVES**

1) Describe common and uncommon cases in neuroradiology, highlighting key imaging findings and interpretative teaching points.

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 10:30 AM-12:00 PM

Session No. 212 • Grand Ballroom West ABR Update (E) (A)

AMA PRA Category 1 Credits™: 1.50

(ED)

Lisa Kachnic, MD*, Moderator

LEARNING OBJECTIVES

1) Describe the role of the ABR examinations in the initial ABR certification. 2) Compare the future interventional radiology (IR) certification process with the current diagnostic radiology (DR) and nuclear radiology certification processes. 3) Identify key elements of the new maintenance of certification (MOC) process.

A. Introduction (10:00-10:35 AM)

Lisa Kachnic, MD*

B. The Value of Certification and MOC (10:35-10:47 AM)

Brent J. Wagner, MD

C. The Role of ABR Examination in ABR Initial Certification (10:47-11:00 AM)

Valerie P. Jackson, MD

D. IR/DR Certification (11:00-11:15 AM)

Matthew A. Mauro, MD

E. Nuclear Radiology (11:15-11:30 AM)

M. Elizabeth Oates, MD

F. MOC: What's Coming (11:30-11:45 AM)

Vincent P. Mathews, MD

G. Q&A (11:45 AM-12:00 PM)

Tuesday 10:30 AM-12:00 PM

Session No. 213 • Atlantic Ballroom 3 Adding Value to Medical Education: Hot Topics (E) (L)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Sravanthi Reddy, MD, Moderator

LEARNING OBJECTIVES

1) Describe current national trends in the radiology education of U.S. medical students. 2) Identify opportunities for collaboration with nonradiologists, which can improve medical student exposure to radiology. 3) Develop new medical school curricula to increase early exposure to interventional radiology. 4) Compare different approaches and ideas for teaching point-of-care ultrasound in medical schools.

A. Update of the State of Radiology Education in the United States

Christopher M. Straus, MD*

B. Advancing Radiology Education via Collaboration with Nonradiologists

David M. Naeger, MD

C. The New IR/DR Residency: How Medical School Curricula May Need to Change

Kimi L. Kondo, DO*

D. Update on the State of Point-of-Care US in the United States

Andrew Phelps, MD

E. Panel Discussion on Point-of-Care US

Kristen K. DeStigter, MD*

Jeffery Hogg, MD

Andrew Phelps, MD

Leslie M. Scoutt, MD*

Tuesday 10:30 AM-12:00 PM

Session No. 214 • Atlantic Ballroom 1 Teaching Evidence-based Medicine (R) (E)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM)

Marta E. Heilbrun, MD, Moderator

Matthew T. Heller, MD*, Moderator

LEARNING OBJECTIVES

1) Describe a standard framework for evaluating evidence in diagnostic radiology. 2) Identify key barriers to the translation of evidence into practice in diagnostic imaging.

A. Hierarchy of Evidence in Diagnostic Radiology

Jeffrey G. Jarvik, MD, MPH*

B. Limitations of Published Evidence: Sources of Bias

Marta E. Heilbrun, MD

C. Developing Imaging Algorithms and Integrating Decision Support into Practice

William W. Mayo-Smith, MD*

D. Navigating Contradictions between Experience and Evidence

Hillary K. Kelly, MD

E. Panel Discussion

Tuesday 10:30 AM-12:00 PM

Session No. 215 • Regency Ballroom 3 Considerations in Recruiting Scientists (L)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Leon Lenchik, MD, Moderator

LEARNING OBJECTIVES

1) Define a development pathway and associated resource needs to develop a radiology physician-scientist. 2) Explain how to decide on who to recruit for research faculty positions. 3) Describe what is needed for start-up packages for research recruitments. 4) Discuss how to develop an effective mentoring program and support for junior research scientists.

A. Developing Clinician-Scientists in Radiology (10:30-10:55 AM)

Mitchell D. Schnall, MD, PhD

B. Recruiting Lessons from Baseball (10:55-11:20 AM)

Richard L. Wahl, MD*

C. Recruiting the Right Scientists and Ensuring Their Success (11:20-11:45 AM)

Ronald L. Arenson, MD

D. Q&A (11:45 AM-12:00 PM)

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 10:30 AM-12:00 PM

Session No. 217 • Atlantic Ballroom 2
AUR Radiology Management Program (closed program)
 (Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 1.50



LEARNING OBJECTIVES

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Case 2: Academic Radiology Expansion into Regional Practice

Jocelyn D. Chertoff, MD, MS
 Michael P. Recht, MD

Tuesday 10:30 AM-12:00 PM

Nuts and Bolts for Medical Student Coordinators • Diplomat Ballroom 2

Bren D. Ahearn, MA*, Moderator
 Carol K. Dowdle, BA*
 Tosha C. Feldkamp*
 Kathleen McDermott, JD*
 Laura D. Pawlak*
 Thressa A. Thomas, BS*

LEARNING OBJECTIVES

1) Describe uses of technology for streamlining course coordination. 2) Discuss how to develop strategies to work effectively with others.

Tuesday 11:00 AM-12:00 PM

Session No. 218 • Regency Ballroom 1
Understanding Quality and Value Concepts for Trainees **T**

AMA PRA Category 1 Credit™: 1.00



Michael R. Cline, MD, Moderator
 Matthew P. Kiczek, DO*, Moderator

LEARNING OBJECTIVES

1) Explain why quality and value are becoming important to daily clinical practice, particularly as they pertain to trainees transitioning to practice. 2) Describe current metrics for quality measurement used in radiology. 3) Discuss future directions and longitudinal tracking of quality/outcomes.

A. Value in Radiology: Abstract and Practical Considerations

Richard G. Abramson, MD*

B. Value Metrics: The New Radiology Scorecard

H. Benjamin Harvey, MD, JD

Tuesday 12:00-1:00 PM

AUR Luncheon and Awards Ceremony • Great Hall 5-6

**Tuesday 12:00-1:30 PM**

APCR Lunch • Diplomat Ballroom 3

Tuesday 1:00-1:45 PM

Session No. 219 • Great Hall 5-6
Vydareny Imaging Interpretation Competition 1 **R** **E** **A** **L** **T**

AMA PRA Category 1 Credit™: .75



Matthias J. Kirsch, MD, Moderator
 Alexander Z. Copelan, MD
 Lawrence J. Bahoura, MD

LEARNING OBJECTIVES

1) Identify and assess imaging findings to arrive at an accurate differential diagnosis. 2) Discuss and collaborate with teammates to successfully compete against participating academic institutions. 3) Discuss how to balance radiologic knowledge with challenging trivia related to Detroit and Florida. 4) Describe a variety of challenging radiologic diagnostic cases. 5) Identify key imaging features associated with each case. 6) List cases with multiorgan involvement. 7) Explain the importance of the multimodal imaging method to arrive at a correct diagnosis. 8) Discuss how to develop a short but meaningful list of differential diagnoses for each case.

Tuesday 1:00-3:30 PM

Session No. 220 • Atlantic Ballroom 2
AUR Radiology Management Program (closed program)
 (Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 2.50



LEARNING OBJECTIVES

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Case 3: Implementing a Cost-effective and Sustainable Internal Off-hours Attending Call System (1:00-2:30 PM)

Matthew A. Barish, MD*
 Eric J. Feldmann, MD

B. Case 4: Managing Faculty Conflict of Interest Issues (Part 1) (2:30-3:30 PM)

Andrew R. Menard, JD*
 Steven E. Seltzer, MD*

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 2:00-3:00 PM

Session No. 221 • Regency Ballroom 1 Problem Solving (A³CR² members only) **T**

AMA PRA Category 1 Credit™: 1.00

ED

Lyndon Luk, MD, Moderator
Charles S. Resnik, MD

LEARNING OBJECTIVES

- 1) Describe the results of small-group discussions aimed at solving stated problems.
- 2) Discuss the presentation of small-group solutions to all participants.
- 3) Explain how to formulate an overall problem-solving action plan.

Tuesday 2:00-3:30 PM

Session No. 222 • Grand Ballroom West RRC Update **E A**

AMA PRA Category 1 Credits™: 1.50

ED

James C. Anderson, MD
Felicia Davis

LEARNING OBJECTIVES

- 1) Explain proposed changes to the ACGME Program Requirements.
- 2) Describe the new interventional radiology (IR) residency requirements.
- 3) Compare the key features of the proposed ACGME Milestones 2.0 with the current Milestones requirements.

Tuesday 2:00-3:30 PM

Session No. 223 • Atlantic Ballroom 3 Instilling Resiliency in Our Learners **E L**

AMA PRA Category 1 Credits™: 1.50

ED LM S ARLM

Mark E. Mullins, MD, PhD, Moderator
Jeannie K. Kwon, MD, Moderator

LEARNING OBJECTIVES

- 1) Describe characteristics of resilient people and how to foster these skills in order to minimize the risk of burnout.
- 2) Discuss strategies to build resiliency in our learners, including coaching, mentorship, sharing of failures, developing a moral compass, and engaging in lifelong wellness.

A. A Recipe for Building Resiliency (2:00-2:25 PM)

Ana P. Lourenco, MD
Priscilla J. Stanetz, MD, MPH

B. Coaching (2:25-2:35 PM)

Rebecca Leddy, MD

C. Sharing and Reflecting on Our Failures (2:35-2:45 PM)

Eric J. Stern, MD

D. Role Models and Mentors (2:45-2:55 PM)

Ruth C. Carlos, MD, MS*

E. Finding Your Moral Compass (2:55-3:05 PM)

Keith D. Herr, MD

F. Lifelong Wellness (3:05-3:15 PM)

Shawn E. Kamps, MD

G. Q&A (3:15-3:30 PM)

Tuesday 2:00-3:30 PM

Session No. 224 • Atlantic Ballroom 1 Measuring Value in Health Care **R L**

AMA PRA Category 1 Credits™: 1.50

ED HP ARLM

Janie M. Lee, MD, MS*, Moderator
Paul P. Cronin, MBBCh, Moderator

LEARNING OBJECTIVES

- 1) Describe different ways of measuring health care value across the perspectives discussed.
- 2) Compare different perspectives (eg, societal vs individual patient) when considering the value of health care interventions.

A. Cost-effectiveness Analysis: Societal Perspective

Janie M. Lee, MD, MS*

B. Third-party Payer Perspective

H. Benjamin Harvey, MD, JD

C. Patient-reported Outcomes: Patient Perspective

J. Shannon Swan, MD

D. Panel Discussion

Tuesday 2:00-3:30 PM

Session No. 225 • Regency Ballroom 3 Information Technology Strategies and Tactics **L**

AMA PRA Category 1 Credits™: 1.50

ED ARLM

LEARNING OBJECTIVES

- 1) Describe the components of flipped classrooms and the utility of the use of smart devices in education.
- 2) Explain the key ingredients necessary to enable information technology innovations to develop within a radiology department and potentially inspire similar innovations in other disciplines.
- 3) Define crowdsourcing, and explain its potential utility to enhance the missions of radiology departments.

A. Technology and Education (2:00-2:25 PM)

Gerald D. Dodd III, MD*

B. IT Innovation: Recipe for Success (2:25-2:50 PM)

James A. Brink, MD

C. The Power of Numbers (2:50-3:15 PM)

Reed A. Omary, MD, MS*

D. Q&A (3:15-3:30 PM)

Tuesday 2:00-3:30 PM

Session No. 226 • Diplomat Ballroom 2 ARRALD Program 5 (closed program)

AMA PRA Category 1 Credits™: 1.50

LM SQ RLD ARLM

LEARNING OBJECTIVES

- 1) Describe the principles of academic leadership.
- 2) Identify opportunities for practice improvement.
- 3) Discuss how to develop approaches for practice improvement.

A. Introduction to Process Improvement and Quality (2:00-2:30 PM)

Cindy S. Lee, MD

B. PB&J: A Process Improvement Case (2:30-3:30 PM)

Ruth C. Carlos, MD, MS*
James V. Rawson, MD

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 3:00-3:30 PM**A³CR² Business Meeting and Elections • Regency Ballroom 1****Tuesday 3:30-4:00 PM****Break and Poster Viewing • Grand Ballroom East****Tuesday 4:00-5:00 PM****Session No. 229 • Atlantic Ballroom 2
AUR Radiology Management Program (closed program)
(Supported by an unrestricted educational grant from Nuance Communications, Inc.)**

AMA PRA Category 1 Credit™: 1.00

**LEARNING OBJECTIVES**

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Case 4: Managing Faculty Conflict of Interest Issues and the Sunshine Law (Part 2) (4:00-4:45 PM)

Andrew R. Menard, JD*
Steven E. Seltzer, MD*

B. Discussion (4:45-5:00 PM)**Tuesday 4:00-5:30 PM****Session No. 227 • Grand Ballroom West
Brogdon Panel: What Industry Consolidation Means for Radiology**

AMA PRA Category 1 Credits™: 1.50



Chris N. Gu, MD, Moderator
Benjamin J. Morrissey, MD*, Moderator
Jason N. Itri, MD, PhD
Richard Duszak, Jr, MD
Giles G. Boland, MD*

LEARNING OBJECTIVES

1) Discuss practice consolidation trends in radiology, including mergers and acquisitions/health care system partnerships. 2) Describe the practice challenges faced by academic medical centers in an era of increased radiology practice consolidation, including governance, clinical service, and academic pursuits. 3) Identify how practice mergers and acquisitions are changing the landscape of radiology employment, especially for new trainees.

Tuesday 4:00-5:30 PM**Session No. 228 • Atlantic Ballroom 1
How Nuclear Medicine, in Partnership with Radiology, Is Leading Change and Bringing Value (E L)**

AMA PRA Category 1 Credits™: 1.50

**LEARNING OBJECTIVES**

1) List and discuss the adverse consequences of burnout. 2) List and discuss ways to prevent and treat burnout. 3) Describe clinically available molecular imaging of the brain. 4) Discuss current applications of molecular brain imaging.

A. Understanding, Preventing, and Treating Burnout of Nuclear Medicine Physicians and Radiologists (4:00-4:15 PM)

Jay A. Harolds, MD

B. Cancer Imaging to Optimize Individual Therapy (4:15-4:35 PM)

Umar Mahmood, MD, PhD*

LEARNING OBJECTIVES

1) Discuss how imaging may be used to quantitatively assess cancer pathway targets. 2) Explain how imaging can be used to determine an appropriate dose for individuals based on pharmacodynamic imaging.

C. Molecular Brain Imaging to Clinical Practice (4:35-4:55 PM)

Satoshi Minoshima, MD, PhD*

D. The Value That Nuclear Medicine and Molecular Imaging Bring to Radiology Practice (4:55-5:15 PM)

Bennett S. Greenspan, MD, MS

LEARNING OBJECTIVES

1) Discuss how nuclear medicine and molecular imaging bring value to imaging practice by providing research and development, resulting in new tracer approvals for routine clinical practice. 2) Discuss how well-trained nuclear medicine faculty can operationalize such value-enhanced practice.

E. Q&A (5:15-5:30 PM)**Tuesday 5:00-5:30 PM****RAHSR Business Meeting • Room 219****Tuesday 6:30-8:30 PM****AUR Welcome Reception • South Palm Court**

* Faculty financial disclosures are located in the Faculty Index.

Wednesday, May 10, 2017

Wednesday 7:00-7:30 AM

Session No. 302 • Regency Ballroom 1

Case Review: Pediatric Radiology (T)

AMA PRA Category 1 Credit™: .50

(ED) (PD)

Virginia B. Planz, MD, Moderator
Arnold C. Merrow, Jr, MD*

LEARNING OBJECTIVES

1) Describe common and uncommon cases in pediatric radiology, highlighting key imaging findings and interpretative teaching points.

Wednesday 7:00-8:15 AM

Session No. 301 • Grand Ballroom East

Poster Discussion Session (R) (E) (A) (L) (T)

AMA PRA Category 1 Credits™: 1.25

(OT)

Wednesday 7:00-8:15 AM

AMSER Members and Business Meeting • Atlantic Ballroom 1

Wednesday 7:00-8:15 AM

Session No. 303 • Grand Ballroom West

Teaching and Integrating Imaging 3.0™ into Residency Training

(E) (L)

AMA PRA Category 1 Credits™: 1.25

(ED) (LM) (RD) (ARLM)

Lori A. Deitte, MD, Moderator
Eric B. England, MD, Moderator

LEARNING OBJECTIVES

1) Discuss how to develop a method to promote resident involvement in patient-centered care initiatives. 2) Describe the important role and added value of radiologists serving as consultants. 3) Compare the different methods of communicating with patients through radiology reports and in person. 4) Describe strategies for utilizing social media as a tool to communicate with residency programs. 5) Discuss the current role of research ethics with regard to authorship and publications.

A. Engaging Residents in Patient-centered Care Initiatives

LeAnn S. Stokes, MD

B. The Consultant Radiologist: Integral Member of the Interprofessional Team

Carolynn M. DeBenedictis, MD

C. Communication with Patients: In Person and via Radiology Reports

Pamela W. Schaefer, MD

D. Beyond Traditional Communication: Social Media in Residency Programs

Tessa S. Cook, MD, PhD

E. Research Ethics in the 21st Century: Authorship and Beyond

Leon Lenchik, MD

Wednesday 7:00-8:15 AM

Session No. 304 • Atlantic Ballroom 3

ACGME Update (A)

AMA PRA Category 1 Credits™: 1.25

(ED)

Felicia Davis
Kate Hatlak*

LEARNING OBJECTIVES

1) Explain how recent ACGME changes will affect program management, including revisions to section VI of the ACGME Common Program Requirements, which will be implemented in the 2017-2018 education year. 2) Identify the function of the ACGME Coordinator Advisory Group and its current goals. 3) Discuss proposed revisions to sections I-V of the ACGME Common Program Requirements, specifically the Coordinator Description Task Force submission to modify section II.C, "Other Program Personnel."

Wednesday 7:00-8:15 AM

Session No. 305 • Regency Ballroom 3

GERRAF Research in Progress 1: Development and Assessment of an Automated Outcomes Feedback Application to Optimize Radiologist Performance using Digital Tomosynthesis with Mammography (R)

(ED) (RS)

Dorothy A. Sippo, MD, MPH, Presenter
Tessa S. Cook, MD, PhD, Moderator
Falgun H. Chokshi, MD, MS, First Discussant

Wednesday 7:30-8:15 AM

Session No. 306 • Regency Ballroom 1

Career Pathways and Planning for Trainees (L) (T)

AMA PRA Category 1 Credits™: .75

(ED) (LM)

Michael R. Cline, MD, Moderator
Matthew P. Kiczek, DO*, Moderator

LEARNING OBJECTIVES

1) Discuss the radiology job search process from the employer standpoint, including the process and recent trends. 2) Identify and describe different radiology practice types/models, including academic and private practices. 3) Describe radiology-based entrepreneurial activity and career opportunities.

A. Success in Radiology Job Search: View from Practice

Todd Mulderink, MD*

B. Entrepreneurship and Nontraditional Careers in Radiology

William W. Boonn, MD*

Wednesday 8:30-9:30 AM

RRA Business Meeting • Room 219

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 8:30-10:00 AM**Session No. 307 • Great Hall 5-6**
Problem Solving for Residents, Program Directors, Coordinators, and Chairs (E L)

AMA PRA Category 1 Credits™: 1.50

Lyndon Luk, MD, Moderator
Charles S. Resnik, MD**LEARNING OBJECTIVES**

- 1) Describe the results of small-group discussions aimed at solving stated problems.
- 2) Discuss the presentation of small-group solutions to all participants.
- 3) Explain how to formulate an overall problem-solving action plan.

Wednesday 8:30-10:00 AM**Session No. 308 • Atlantic Ballroom 3**
Educator's Toolkit: Part 1 (E)

AMA PRA Category 1 Credits™: 1.50

C. Alexander Grieco, MD, Moderator
Smyrna Tuburan, MD, Moderator**LEARNING OBJECTIVES**

- 1) Describe techniques for teaching millennial learners.
- 2) Discuss how to develop strategies for effective lecturing.
- 3) Discuss how to develop strategies for effective case-based teaching.
- 4) Identify methods of making teaching more interactive.

A. How to Teach Millennials from the Perspective of a Millennial

Po-Hao Chen, MD, MBA

B. How to Put Together a Lecture

David M. Naeger, MD

C. How to Succeed at Case-based Teaching

Mahan Mathur, MD

D. How to Make Your Teaching More Interactive

Andres R. Ayoob, MD*

Wednesday 8:30-10:00 AM**Session No. 309 • Regency Ballroom 3**
GERRAF Research in Progress 2: Cost-Effectiveness Analysis and Novel Outcomes Assessment of Magnetic Resonance-Guided Focused Ultrasound Ablation of Bone Metastases (R)Matthew D. Bucknor, MD, Presenter
Jeffrey G. Jarvik, MD, MPH*, Moderator
Mahmud Mossa-Basha, MD*, First Discussant
Paggie Kim, MD*, Second Discussant**Wednesday 8:30-10:00 AM****Session No. 310 • Atlantic Ballroom 2**
AUR Radiology Management Program (closed program)
(Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 1.50

**LEARNING OBJECTIVES**

- 1) Explain, in a case-based mode, current management issues facing academic radiology departments.
- 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees.
- 3) Discuss management problem solving guided by key experts in the field.

A. Case 5: Incorporation of Radiology Services into a Clinic Environment of an Academic Health Center: Transdisciplinary Patient Care

Susann E. Schetter, DO

Wednesday 10:00-10:30 AM**Break and Poster Viewing • Grand Ballroom East****Wednesday 10:30 AM-12:00 PM****Session No. 311 • Grand Ballroom West**
AUR Plenary Session: Managing Change: Leading Your Team through the Roller-coaster Ride of Change (R E A L T)

AMA PRA Category 1 Credits™: 1.50

Martha B. Mainiero, MD, Moderator
Jean Ann Larson, EdD***LEARNING OBJECTIVES**

- 1) Discuss why change is so challenging for individuals and organizations.
- 2) Explain the importance of change for our organizations.
- 3) Describe their readiness and strengths and the challenges with the process of change.
- 4) Discuss strategies to strengthen self-awareness and the ability to lead change.
- 5) Identify key success factors for leading and facilitating change effectively.

Wednesday 10:30 AM-12:00 PM**Session No. 312 • Atlantic Ballroom 2**
AUR Radiology Management Program (closed program)
(Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 1.50

**LEARNING OBJECTIVES**

- 1) Explain, in a case-based mode, current management issues facing academic radiology departments.
- 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees.
- 3) Discuss management problem solving guided by key experts in the field.

A. Case 6: Practice Quality Improvement: Where Do I Start?Aine M. Kelly, MD, MS
Paul P. Cronin, MBBCh

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 10:30 AM-12:00 PM

APCR Member Meeting 2 • Atlantic Ballroom 1

Wednesday 12:00-1:00 PM

Luncheon and AUR Business Meeting • Great Hall 5-6



Wednesday 12:00-1:30 PM

APCR Lunch • Diplomat Ballroom 3

Wednesday 1:00-1:45 PM

Session No. 313 • Great Hall 5-6

Vydareny Imaging Interpretation Competition 2 **R E A L T**

AMA PRA Category 1 Credit™: .75



Eric M. Spickler, MD, Moderator
Matthew B. O'Brien, MD
Shehbaz H. Shaikh, MD

LEARNING OBJECTIVES

1) Identify and assess imaging findings to arrive at an accurate differential diagnosis. 2) Discuss and collaborate with teammates to successfully compete against participating academic institutions. 3) Discuss how to balance radiologic knowledge with challenging trivia related to Detroit and Florida. 4) Describe a variety of challenging radiologic diagnostic cases. 5) Identify key imaging features associated with each case. 6) List cases with multiorgan involvement. 7) Explain the importance of the multimodal imaging method to arrive at a correct diagnosis. 8) Discuss how to develop a short but meaningful list of differential diagnoses for each case.

Wednesday 1:00-3:30 PM

Session No. 314 • Atlantic Ballroom 2

AUR Radiology Management Program (closed program)

(Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 1.50



LEARNING OBJECTIVES

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Keynote Speaker: Can You Do It All? (1:00-1:45 PM)

Cheri L. Canon, MD*

B. Case 7: Negotiation Skills: The Case of Financial Negotiation for Equipment Purchases (1:45-3:30 PM)

Dieter R. Enzmann, MD

Wednesday 2:00-3:30 PM

AUR Scientific Sessions **R E A L T**



SS01: Resident Education 1

Room: Grand Ballroom West

(See pages 64-67.)

SS02: Resident Education 2

Room: Regency Ballroom 1

(See pages 67-70.)

SS03: Medical Student Education

Room: Regency Ballroom 3

(See pages 70-73.)

SS04: Leadership and Education

Room: Atlantic Ballroom 3

(See pages 73-76.)

SS05: Clinical Subspecialties

Room: Atlantic Ballroom 1

(See pages 76-79.)

SS06: RAHSR Scientific Session (Health Services Research)

Room: Diplomat Ballroom 2

(See pages 79-82.)

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 3:30-4:00 PM

Break and Poster Viewing • Grand Ballroom East

Wednesday 4:00-4:30 PM

Session No. 315 • Regency Ballroom 1

Case Review: Nuclear Medicine (T)

AMA PRA Category 1 Credits™: .50

(NM) (ED)

Virginia B. Planz, MD, Moderator
Richard K. J. Brown, MD

LEARNING OBJECTIVES

1) Describe common and uncommon cases in nuclear medicine, highlighting key imaging findings and interpretative teaching points.

Wednesday 4:00-5:30 PM

Session No. 316 • Grand Ballroom West

Alignment and Education between the Chair and Program Director

(E) (L)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Lori A. Deitte, MD, Moderator

LEARNING OBJECTIVES

1) Identify at least one reason why social media are of value to radiology departments, and list at least one tactic that can be used to mobilize a team of academic physicians to embrace social media. 2) Define strategic planning and alignment of the education mission and the overall goals of the department. 3) Identify opportunities for improved strategic planning and alignment. 4) Describe how to develop an action plan for improved strategic planning and alignment.

A. Social Media in the Department and Residency Program

(4:00-4:25 PM)

Reed A. Omary, MD, MS*
Edwin F. Donnelly, MD, PhD

B. Strategic Planning (4:25-4:50 PM)

Carolyn C. Meltzer, MD
Mark E. Mullins, MD, PhD

C. Financial Management (4:50-5:15 PM)

Satoshi Minoshima, MD, PhD*
Marta E. Heilbrun, MD

D. Q&A (5:15-5:30 PM)

Wednesday 4:00-5:30 PM

Session No. 317 • Atlantic Ballroom 1

ERAS® Update (A)

AMA PRA Category 1 Credits™: 1.50

(OT)

Patrick Fritz*

LEARNING OBJECTIVES

1) Explain the functionalities of the ERAS® program. 2) Identify solutions to ERAS® management through query and collaboration. 3) Discuss how to formulate program improvements, which may be submitted to developers.

Wednesday 4:00-5:30 PM

Session No. 318 • Atlantic Ballroom 3

Educator's Toolkit: Part 2 (E)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Christopher M. Straus, MD*, Moderator
Eve D. Clark, MD, Moderator

LEARNING OBJECTIVES

1) Describe the necessary components of a great letter of recommendation. 2) Discuss tips for career advancement in education. 3) Explain how to write useful educational manuscript reviews. 4) Discuss how to implement a radiology advising program.

A. How to Write a Great Letter of Recommendation

Caroline W. Carrico, MD*

B. How to Advance in Education: From Clerkship Director to Dean

Leonie Gordon, MBChB

C. How to Review Educational Manuscripts

Aine M. Kelly, MD, MS

D. How to Develop an Advising Program

Donna Magid, MD, MEd

Wednesday 4:00-5:30 PM

Session No. 319 • Regency Ballroom 3

Artificial Intelligence and Outcomes Research (R)

AMA PRA Category 1 Credits™: 1.50

(ED) (IN) (LM)

Tessa S. Cook, MD, PhD, Moderator
H. Benjamin Harvey, MD, JD, Moderator

LEARNING OBJECTIVES

1) Describe basic methods by which machines are "taught" to interpret imaging data. 2) Identify early successes in imaging-based machine learning and high-yield areas of future inquiry.

A. How to Teach a Machine

Jayashree Kalpathy-Cramer, PhD, MS

B. Clinical Decision Support for Radiologists: Future Expectations from Machine Learning

Tarik K. Alkasab, MD, PhD

C. Early Applications of Machine Learning in Imaging

Mark H. Michalski, MD*

D. Panel Discussion

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 4:00-6:15 PM

Session No. 320 • Atlantic Ballroom 2 AUR Radiology Management Program (closed program) (Supported by an unrestricted educational grant from Nuance Communications, Inc.)

AMA PRA Category 1 Credits™: 2.25



LEARNING OBJECTIVES

1) Explain, in a case-based mode, current management issues facing academic radiology departments. 2) Discuss how to familiarize prospective academic radiology department leaders with decision making by using mock departmental executive committees. 3) Discuss management problem solving guided by key experts in the field.

A. Case 8: Academic Missions in Academic Radiology (4:00-5:45 PM)

Richard B. Gunderman, MD, PhD

B. Closing Remarks (5:45-6:00 PM)

C. Program Recognition (6:00-6:15 PM)

Wednesday 4:30-5:30 PM

Session No. 321 • Regency Ballroom 1 Career Panel for Trainees

AMA PRA Category 1 Credit™: 1.00



Michael R. Cline, MD, Moderator
Matthew P. Kiczek, DO*, Moderator
Tan-Lucien H. Mohammed, MD, MS
Todd Mulderink, MD*
William W. Boonn, MD*
Matthew R. Hammer, MD
Ramesh S. Iyer, MD

LEARNING OBJECTIVES

1) Discuss various career paths and professional opportunities for trainees/radiologists. 2) Explore differences and similarities between practices, including academic and private practice settings. 3) Describe nontraditional professional roles, including entrepreneurial and management practices.

Wednesday 4:30-6:00 PM

Session No. 322 • Diplomat Ballroom 2 ARRALD Program 6 (closed program)

AMA PRA Category 1 Credits™: 1.50



LEARNING OBJECTIVES

1) Describe the principles of academic leadership. 2) Identify opportunities for practice improvement. 3) Discuss how to develop approaches for practice improvement.

A. Practice Improvement Workshop (4:30-6:00 PM)

Ruth C. Carlos, MD, MS*
James V. Rawson, MD

Wednesday 5:30-6:00 PM

ACER Speed Mentoring • Diplomat Ballroom 3

Wednesday 5:30-7:00 PM

APDR 25th Anniversary Reception • Great Hall 5

Wednesday 6:00-6:15 PM

ACER Business Meeting • Diplomat Ballroom 3

Wednesday 6:15-7:30 PM

AMSER/ACER Reception and Open House • Diplomat Ballroom 3

* Faculty financial disclosures are located in the Faculty Index.

Thursday, May 11, 2017

Thursday 7:00-8:30 AM

Session No. 401 • Atlantic Ballroom 1 Best Practices of APCR Membership **(A)**

AMA PRA Category 1 Credits™: 1.50

(OT)

Joseph Stuckelman, BA*, Moderator
Nilu A. Dorschner, BA, BS
Janet G. Palmer

LEARNING OBJECTIVES

1) Describe the best practices of APCR members, and discuss how to adapt and incorporate these best practices into management of CCC and PEC meeting organization, interview season, resident orientation and onboarding, senior graduation, and the annual program evaluation.

Thursday 7:15-10:00 AM

Session No. 403 • Atlantic Ballroom 2 AUR Academic Faculty Development Program (closed program)

AMA PRA Category 1 Credits™: 2.75

(ED) (LM) (PR)

LEARNING OBJECTIVES

1) Enumerate the key missions of an academic radiologist. 2) Describe strategies for performing well in each of these missions. 3) Discuss how to develop a personal plan to enhance excellence as an academic radiologist.

A. Welcome (7:15-7:30 AM)

Richard B. Gunderman, MD, PhD, Program Chair

B. Education in Radiology: Seven Habits for Excellence (7:30-8:00 AM)

Brandon P. Brown, MD, MA

C. Excelling at Research (8:00-8:30 AM)

King C. Li, MD, MBA

D. Ethics and Publishing (8:30-9:00 AM)

Johan G. Blickman, MD, PhD*

E. Chair Roundtable: How a Chair Can Help Your Career (9:00-10:00 AM)

N. Reed Dunnick, MD, Moderator
Cheri L. Canon, MD*
Mary C. Mahoney, MD
Gerald D. Dodd III, MD*

Thursday 8:30-9:00 AM

Session No. 404 • Regency Ballroom 1 Case Review: US **(T)**

AMA PRA Category 1 Credit™: .50

(US) (ED)

Virginia B. Planz, MD, Moderator
Ashish P. Wasnik, MD

LEARNING OBJECTIVES

1) Describe common and uncommon cases in ultrasound, highlighting key imaging findings and interpretative teaching points.

Thursday 8:30-10:00 AM

Session No. 405 • Grand Ballroom West Teach the Teachers: Molecular Imaging and Precision Medicine **(E)**

AMA PRA Category 1 Credits™: 1.50

(ED) (LM)

Satoshi Minoshima, MD, PhD*, Moderator
Umar Mahmood, MD, PhD*, Moderator

LEARNING OBJECTIVES

1) Explain current applications for molecular imaging and precision medicine. 2) Identify key elements of a molecular imaging curriculum. 3) Describe resources for molecular imaging and precision medicine education.

A. Introduction (8:30-8:40 AM)

Satoshi Minoshima, MD, PhD*

B. Current Clinical Applications and Emerging Technology (8:40-9:00 AM)

Umar Mahmood, MD, PhD*

C. Molecular Imaging Teaching Curriculum: American Board of Radiology–Neuroradiology Pathway (9:00-9:10 AM)

M. Elizabeth Oates, MD

D. Molecular Imaging Teaching Curriculum: American Board of Nuclear Medicine Pathway (9:10-9:20 AM)

George M. Segall, MD*

E. Molecular Imaging Teaching Curriculum: Diagnostic Radiology and Interventional Radiology Pathways (9:20-9:30 AM)

Rulon Hardman, MD

F. Professional Societal Efforts and Resources for Molecular Imaging and Precision Medicine Education (9:30-9:40 AM)

Vikas Kundra, MD, PhD*

G. How to Get Involved: Panel Discussion (9:40-10:00 AM)

Thursday 8:30-10:00 AM

Session No. 406 • Regency Ballroom 3 Data Mining for Population Research **(R)**

AMA PRA Category 1 Credits™: 1.50

(ED) (IN)

Hanna M. Zafar, MD, Moderator
Elizabeth A. Krupinski, PhD, Moderator

LEARNING OBJECTIVES

1) Describe data mining and analytic techniques for extracting data related to patient follow-up. 2) Explain how imaging and report processing tools can be used to conduct population research.

A. Data Mining and Analytics for Tracking Completion of Recommended Follow-up

Tessa S. Cook, MD, PhD

B. Automated Image Processing as a Tool for Outcomes Research

Richard G. Abramson, MD*

C. Unstructured Data Processing Technology: Future Directions for Outcomes Research

Falgun H. Chokshi, MD, MS

D. Panel Discussion

* Faculty financial disclosures are located in the Faculty Index.

Thursday 8:30-10:00 AM**Session No. 407 • Atlantic Ballroom 3
Strategies for Satisfying Midterm and Senior Faculty** (L)

AMA PRA Category 1 Credits™: 1.50

ED LM (ARLM)

LEARNING OBJECTIVES

- 1) Explain techniques to allow and encourage midcareer faculty members to continue to expand their skill sets and roles within an academic department.
- 2) List at least one tactic that can be used to engage a talented midlevel faculty member.
- 3) Describe two factors that contribute to radiologist burnout.
- 4) Identify the most predictive symptom of burnout that leaders should be able to recognize.

A. Radiologist Burnout: An Ounce of Prevention Is Worth a Pound of Cure (8:30-8:55 AM)

Thomas M. Grist, MD*

B. Retaining Talented Midlevel Faculty: Engagement and Support (8:55-9:20 AM)

Reed A. Omary, MD, MS*

C. Strategies for Satisfying Midterm and Senior Faculty: How to Keep Work Fun and Engaging (9:20-9:45 AM)

Michael P. Recht, MD

D. Q&A (9:45-10:00 AM)**Thursday 8:30-10:00 AM****Session No. 408 • Diplomat Ballroom 2
ARRALD Program 7 (closed program)**

AMA PRA Category 1 Credits™: 1.50

LM (RLD) (ARLM)

LEARNING OBJECTIVES

- 1) Describe the principles of academic leadership.
- 2) Identify opportunities for practice improvement.
- 3) Discuss how to develop approaches for practice improvement.

A. Leadership: Putting It All TogetherRuth C. Carlos, MD, MS*
James V. Rawson, MD**Thursday 8:30-10:00 AM****Session No. 424 • Atlantic Ballroom 1
Program Coordinator Expert Panel Open Discussion** (A)

AMA PRA Category 1 Credits™: 1.50

ED LM

Sylvia E. Zavatchen, BA*, Moderator
Hollie P. Medina, BA
Janet G. Palmer

LEARNING OBJECTIVES

- 1) Explain how to develop a clearer understanding of both practical and abstract elements of program management through querying experienced and knowledgeable program coordinators.
- 2) Discuss how to develop a fund of resources—personal, digital, and educational—to which to refer during independent practice at the training program level.

Thursday 9:00-9:30 AM**Session No. 409 • Regency Ballroom 1
Case Review: Genitourinary Radiology** (T)

AMA PRA Category 1 Credit™: .50

GU ED

Virginia B. Planz, MD, Moderator
Andrei S. Purysko, MD

LEARNING OBJECTIVES

- 1) Describe common and uncommon cases in genitourinary radiology, highlighting key imaging findings and interpretative teaching points.

Thursday 9:30-10:00 AM**Session No. 410 • Regency Ballroom 1
Case Review: Gastrointestinal Radiology** (T)

AMA PRA Category 1 Credit™: .50

GI ED

Virginia B. Planz, MD, Moderator
Shane A. Wells, MD

LEARNING OBJECTIVES

- 1) Describe common and uncommon cases in gastrointestinal radiology, highlighting key imaging findings and interpretative teaching points.

Thursday 10:00-10:30 AM**Break and Poster Viewing • Grand Ballroom East****Thursday 10:30-11:00 AM****Session No. 411 • Regency Ballroom 1
Case Review: Musculoskeletal Radiology** (T)

AMA PRA Category 1 Credit™: .50

MK ED

Virginia B. Planz, MD, Moderator
Corrie M. Yablon, MD

LEARNING OBJECTIVES

- 1) Describe common and uncommon cases in musculoskeletal radiology, highlighting key imaging findings and interpretative teaching points.

* Faculty financial disclosures are located in the Faculty Index.

Thursday 10:30 AM-12:00 PM

Session No. 412 • Grand Ballroom West
Transitions in Leadership: Residency Program Director to the Dean's Office (L)

AMA PRA Category 1 Credits™: 1.50

LM **ARLM**

Martha B. Mainiero, MD, Moderator
 Jocelyn D. Chertoff, MD, MS, Moderator

LEARNING OBJECTIVES

1) Describe challenges during early career development as a program director. 2) Identify and appraise potential leadership opportunities as a program director. 3) Discuss how to develop a potential career track after tenure as a program director.

A. Early Lessons Learned as Program Director

Tatum A. McArthur, MD

B. I Wish Someone Had Told Me This!

Joshua P. Nickerson, MD

C. Leadership Opportunities as a Program Director

Charles S. Resnik, MD

D. Potential Career Tracks after Being a Program Director

Donald J. Flemming, MD*

E. Panel Discussion

Thursday 10:30 AM-12:00 PM

Session No. 413 • Regency Ballroom 2
The Role of Values in Physician Resilience (Hands-on Workshop)
(Preregistration Required) (E) (A) (L)

AMA PRA Category 1 Credits™: 1.50

OT

Nicole Restauri, MD, Moderator

LEARNING OBJECTIVES

1) Describe the role that values can play in building resilience.

Thursday 10:30 AM-12:00 PM

Session No. 414 • Regency Ballroom 3
GERRAF Research in Progress 3: Access to Screening Facilities for U.S. Populations at Risk for Lung Cancer: A Geospatial Analysis of Access to CT Facilities for Individuals Eligible for Lung Cancer Screening (R)

ED **RS**

Tina D. Taylor, MD*, Presenter
 Janie M. Lee, MD, MS*, Moderator
 Lars J. Grimm, MD*, First Discussant
 Sapna Rawal, MD*, Second Discussant

Thursday 10:30 AM-12:00 PM

Session No. 415 • Atlantic Ballroom 3
Ensuring Success for Junior Faculty (L)

AMA PRA Category 1 Credits™: 1.50

OT **ARLM**

LEARNING OBJECTIVES

1) State the definitions. 2) Explain the importance of mentorship in radiology. 3) Discuss how to choose a mentor and initiate the mentorship relationship. 4) Explain the obligations of mentor and protégé: developing the code of mentorship in radiology. 5) Discuss the stages of mentorship in radiology. 6) Explain how to structure a junior faculty mentoring program. 7) Discuss the components of support necessary for a faculty mentoring program.

A. What Should Faculty Development and Support Include? (10:30-10:55 AM)

Alan H. Matsumoto, MD*

B. Junior Faculty Mentoring and Support (10:55-11:20 AM)

Ronald L. Arenson, MD

C. Code of Mentoring for Junior Faculty (11:20-11:45 AM)

Elias R. Melhem, MD, PhD

D. Q&A (11:45 AM-12:00 PM)

Thursday 10:30 AM-12:00 PM

Session No. 416 • Atlantic Ballroom 2
AUR Academic Faculty Development Program (closed program)

AMA PRA Category 1 Credits™: 1.50

ED **LM**

Richard B. Gunderman, MD, PhD, Moderator
 Felix S. Chew, MD, MBA, Moderator
 Rathana M. Subramaniam, MD, PhD, MPH, Moderator
 Johan G. Blickman, MD, PhD*, Moderator
 Stanley Baum, MD, Moderator

LEARNING OBJECTIVES

1) Enumerate the key missions of an academic radiologist. 2) Describe strategies for performing well in each of these missions. 3) Discuss how to develop a personal plan to enhance excellence as an academic radiologist.

A. Break-out Session 1 (10:30-11:15 AM)
B. Break-out Session 2 (11:15 AM-12:00 PM)

Thursday 10:30 AM-12:00 PM

Increasing Medical Student Coordinator Collaboration and National Networking: A Dialogue and Panel Discussion for AMSCR Members • Diplomat Ballroom 2

Carol K. Dowdle, BA*, Moderator
 Kathleen McDermott, JD*, Moderator

LEARNING OBJECTIVES

1) Describe how to increase collaboration among medical student program coordinators. 2) Discuss how to develop skills that will foster national networking.

* Faculty financial disclosures are located in the Faculty Index.

Thursday 11:00-11:30 AM**Session No. 417 • Regency Ballroom 1
Case Review: Vascular and Interventional Radiology (T)**

AMA PRA Category 1 Credits™: .50

VA IR ED

Virginia B. Planz, MD, Moderator
Minhaj S. Khaja, MD, MBA**LEARNING OBJECTIVES**

1) Describe common and uncommon cases in vascular and interventional radiology, highlighting key imaging findings and interpretative teaching points.

Thursday 12:00-12:25 PM**Innovations in Academic Radiology Lunch • Grand Ballroom West**

RLD

Thursday 12:00-1:30 PM**SCARD Business Meeting and Lunch • Atlantic Ballroom 1****Thursday 12:00-1:30 PM****Session No. 418 • Diplomat Ballroom 3
AUR Academic Faculty Development Program (closed program):
Lunch and Keynote Address: The Difference between Burning Out
and Burning Brightly**

AMA PRA Category 1 Credits™: 1.50

LM

Richard B. Gunderman, MD, PhD

LEARNING OBJECTIVES

1) List the key missions of an academic radiologist. 2) Describe strategies for performing well in each of these missions. 3) Discuss how to develop a personal plan to enhance excellence as an academic radiologist.

Thursday 12:25-2:30 PM**Session No. 419 • Grand Ballroom West
Innovations in Academic Radiology: The Radiologist as a Change
Agent: What's in Your Toolbox? (Supported by an unrestricted
educational grant from Sectra, Inc) (R E A L T)**

AMA PRA Category 1 Credits™: 2.00

ED LM OT RLD ARLM

LEARNING OBJECTIVES

1) Describe change management tools for radiologists to lead positive change. 2) Discuss how to view change along the spectrum of the personal, organizational, and infrastructure axes.

A. Change as a Mind-set (12:25-12:30 PM)

James V. Rawson, MD

B. Power of Reflection (12:30-12:40 PM)

Alexander Norbash, MD*

C. Social Media and Personal Networks (12:40-12:50 PM)

Amy L. Kotsenas, MD

D. Burnout and Resilience (12:50-1:00 PM)

Cheri L. Canon, MD*

E. Q&A (1:00-1:10 PM)**F. Power of Storytelling (1:10-1:20 PM)**

Aine M. Kelly, MD, MS

G. Building Change into the Organizational Culture (1:20-1:30 PM)

Marta E. Heilbrun, MD

H. Engaging Patients in Radiology (1:30-1:40 PM)

Andrew B. Rosenkrantz, MD*

I. Q&A (1:40-1:50 PM)**J. Diversity 3.0 (1:50-2:00 PM)**

Karla A. Sepulveda, MD

K. Applying Knowledge Management in Radiology (2:00-2:20 PM)

James V. Rawson, MD

L. Q&A (2:20-2:30 PM)

* Faculty financial disclosures are located in the Faculty Index.

Thursday 1:00-2:30 PM**Session No. 420 • Regency Ballroom 3
Radiology Research Alliance: Task Force Reports, Part 2 (R)**

AMA PRA Category 1 Credits™: 1.50

EDLeon Lenchik, MD, Moderator
Linda J. Probyn, MD, Moderator**LEARNING OBJECTIVES**1) Discuss deep learning in radiology. 2) Discuss 3D printing in radiology.
3) Discuss translating new technologies into clinical radiology practice.**A. The RRA Task Forces: Five-Year Summary and a Look Ahead**

Andrew B. Rosenkrantz, MD*

B. Deep Learning in Radiology

Sriini Tridandapani, MD, PhD*

C. 3D Printing in RadiologyAnthony P. Trace, MD, PhD
Leon Lenchik, MD
Taryn Hodgdon, MD*
Raman Danrad, MD
Midhir J. Patel, MD
David H. Ballard, MD**D. Translating New Technologies to Clinical Radiology Practice**Mishal Mendiratta-Lala, MD
Falgun H. Chokshi, MD, MS
Lori M. Gettle, MD, MBA
Steven J. Sherry, MD**Thursday 1:30-3:30 PM****Session No. 422 • Atlantic Ballroom 2
AUR Academic Faculty Development Program (closed program)**

AMA PRA Category 1 Credits™: 2.00

ED**LEARNING OBJECTIVES**

1) Enumerate the key missions of an academic radiologist. 2) Describe strategies for performing well in each of these missions. 3) Discuss how to develop a personal plan to enhance excellence as an academic radiologist.

A. Career Development Awards (1:30-2:00 PM)

Rathan M. Subramaniam, MD, PhD, MPH

B. Service to Radiology Organizations (2:00-2:30 PM)

James A. Brink, MD

C. Mid Career Roundtable: How to Attain and Maintain Academic Productivity (2:30-3:30 PM)Richard B. Gunderman, MD, PhD, Moderator
Eric J. Stern, MD
Aine M. Kelly, MD, MS**Thursday 1:30-4:00 PM****Session No. 421 • Atlantic Ballroom 3
Teaching Certificate Program (E)**

AMA PRA Category 1 Credits™: 2.50

ED S ARLM

Harprit S. Bedi, MD, Moderator

LEARNING OBJECTIVES

1) Describe the importance and implementation of faculty development in small and large programs. 2) Identify ways to further engage junior and senior faculty in teaching millennial learners. 3) Discuss the importance of mentorship for millennial learners and junior faculty.

A. Keynote: Building a Faculty Development Program from Scratch (1:30-2:00 PM)

Joseph P. Merlino, MD, MPA*

B. Q&A (2:00-2:15 PM)**C. Implementing Successful Faculty Development in a Large Program (2:15-2:30 PM)**

Carolyn C. Meltzer, MD

D. Implementing Successful Faculty Development in a Small Program (2:30-2:45 PM)

Ernest Wiggins, MD

E. How to Engage Junior and Senior Faculty to Teach the New Generation of Learners (2:45-3:00 PM)

Paul J. Spicer, MD

F. Q&A (3:00-3:15 PM)**G. Mentoring Women Faculty (3:15-3:30 PM)**

Lucy Spalluto, MD

H. Mentoring Millennial Trainees and New Staff: What's So Different? (3:30-3:45 PM)

Ana P. Lourenco, MD

I. Q&A (3:45 PM-4:00 PM)**Thursday 4:00-4:30 PM****Session No. 423 • Atlantic Ballroom 2
AUR Academic Faculty Development Program (closed program):
Putting It All Together: The Pursuit of Excellence**

AMA PRA Category 1 Credit™: .50

ED

Richard B. Gunderman, MD, PhD

LEARNING OBJECTIVES

1) Enumerate the key missions of an academic radiologist. 2) Describe strategies for performing well in each of these missions. 3) Discuss how to develop a personal plan to enhance excellence as an academic radiologist.

Thursday 6:30-7:30 PM**Annual Banquet Cocktail Reception • Diplomat Foyer****Thursday 7:30-10:00 PM****Annual Banquet and Awards Ceremony • Diplomat Ballroom 3**

* Faculty financial disclosures are located in the Faculty Index.