

AUR 67th Annual Meeting Program

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

RLD indicates programming of special interest to ARRALD 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 Training Session

Tuesday, April 9, 2019

Tuesday 7:00 AM-8:00 AM

Session No. 101 • Peale ARRALD Program 1 (Closed Program)

AMA PRA Category 1 Credit™: 1.00

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

LEARNING OBJECTIVES

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

A. Introduction to Leadership

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

Tuesday 7:30 AM-8:00 AM

Session No. 102 • Holiday Ballrooms 1-2 Chief Resident Welcome & Survey Results **T**

AMA PRA Category 1 Credit™: .50

ED

Casey Reed, MD, Moderator
Danielle E. Summers, MD
Peter S. Liu, MD
Casey Reed, MD

Tuesday 8:00 AM-9:30 AM

Session No. 103 • Holiday Ballrooms 4-6 AUR Plenary Session **R** **E** **A** **L** **T**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RLD**

Petra J. Lewis, MD, Moderator

LEARNING OBJECTIVES

1) Identify how unconscious biases work. 2) Identify how unconscious biases shape educational settings. 3) Compare strategies that work against conscious biases and unconscious biases. 4) Develop strategies to monitor biases and keep them from adversely affecting outcomes. 5) Explain hurdles involved in overcoming biases and describe what "success" in fighting such biases looks like.

A. Welcome and Introduction

Janet E. Bailey, MD
Petra J. Lewis, MD

B. Hidden Brain: The Unconscious Mind & Education

Shankar Vedantam, PhD

Tuesday 9:30 AM-10:00 AM

Break • Key Ballrooms 7-8

Tuesday 10:00 AM-10:30 AM

Session No. 104 • Holiday Ballrooms 1-2 Tips for Aspiring Educators-A Resident's Guide **T**

AMA PRA Category 1 Credit™: .50

ED **LM** **ARLM**

Hunter T. Christy, MD, Moderator
Brent P. Little, MD*
Dexter Mendoza, MD

LEARNING OBJECTIVES

1) Discuss high yield tips for making educational PowerPoint presentations. 2) Describe various educational opportunities for trainees to increase their teaching exposure. 3) Outline steps for successful academic educational portfolio creation.

Tuesday 10:00 AM-11:30 AM

Session No. 105 • Holiday Ballrooms 4-6 Education Track 1: Innovation **E**

AMA PRA Category 1 Credits™: 1.50

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

Laura L. Avery, MD, Moderator

LEARNING OBJECTIVES

1) Develop a plan for starting a radiology simulation lab that includes funding equipment, finding the optimal space, choosing instructors for the lab, and designing a curriculum focused on common procedural skills expected of all general radiologists. 2) Identify key elements of team science conducive of innovation within a team. 3) Develop lectures and exercises that incorporate artificial intelligence into radiology education. 4) Describe the key components of a Radiology Residency Innovation Track.

* Faculty financial disclosures are located in the Faculty Index.

A. RadiCITE: Radiology Innovation Creation, Integration, Training and Education

Zachary L. Bercu, MD

B. Integrating Artificial Intelligence into Teaching Curricula

Timothy P. Kasprzak, MD*

C. Cancer Imaging Training in the Era of “-Omics,” Artificial Intelligence, and Novel Cancer Treatments

Annick D. Van den Abbeele, MD

D. The Role of Radiology Education in our Journey to Value: Healthcare Innovation and Teamwork

Marc H. Willis, DO*

E. Establishing a Radiology Residency Innovation Track

Michael S. Gee, MD, PhD

F. Innovative Simulation Training in Radiology Residency

Carol P. Geer, MD

Tuesday 10:00 AM-11:30 AM**Session No. 106 • Key Ballroom 12****The Wellness Committee Presents: “Back to the Future,” Take Your Wellness from Zero to Hero (A)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **ARLM**

Janet G. Palmer, Moderator

LEARNING OBJECTIVES

1) Identify past and present coordinator stressors. 2) Develop skills for reducing stress through awareness and collaboration. 3) List unique wellness concepts that can be used to reduce coordinator stress. 4) Recognize how to create a positive impact on the learning environment.

A. Building a Better Future, One Coordinator at a Time

Sandra Palma

B. Fostering Collaboration and Teamwork Among GME Administrative Professionals

Jessica L. Craig

C. Take Your Team’s Wellness from “Nowhere” to “Now Here”: It’s All About Perception

Kelly R. Aronson

Tuesday 10:00 AM-11:30 AM**Session No. 107 • Key Ballroom 10****Research Track 1: Biostatistics II (R)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **RS**Dhakshina M. Ganeshan, MD, Moderator
William F. Auffermann, MD, PhD, Moderator**LEARNING OBJECTIVES**

1) Describe the fundamental principles of statistics as related to diagnostic and prognostic studies. 2) Explain the basic concepts of ROC analysis. 3) Describe the principles of reliability and agreement studies. 4) Discuss some of the software products available to facilitate statistical analysis of data.

A. ROC Analysis

Elizabeth A. Krupinski, PhD

B. Diagnostic and Prognostic Studies

David M. Naeger, MD

C. Reliability and Agreement Studies

Michael L. Richardson, MD

D. Software and Biostatistics

William F. Auffermann, MD, PhD

Tuesday 10:30 AM-11:00 AM**Session No. 108 • Holiday Ballrooms 1-2****Case Review: Head and Neck Radiology (T)**

AMA PRA Category 1 Credit™: .50

NR **HN** **ED**Hunter T. Christy, MD, Moderator
Nicholas A. Koontz, MD**LEARNING OBJECTIVES**

1) Discuss common and uncommon cases in head and neck radiology. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Tuesday 11:00 AM-11:30 AM**Session No. 109 • Holiday Ballrooms 1-2****First Year in Practice - Setting Yourself Up for Success (T)**

AMA PRA Category 1 Credit™: .50

LMHunter T. Christy, MD, Moderator
Kurt A. Schoppe, MD**LEARNING OBJECTIVES**

1) Discuss various practice challenges as trainees transition into clinical practice. 2) Identify early opportunities for junior practitioners. 3) Describe methods to successfully assimilate with a professional group.

Tuesday 12:00 PM-1:00 PM**A³CR² Networking Lunch (A³CR² Members Only) • Key Ballroom 1***(Supported by the American College of Radiology)***Tuesday 12:00 PM-1:00 PM****ARRALD Mentorship Lunch (Closed Program) • Johnson****RLD****Tuesday 12:00 PM-1:00 PM****AUR New Attendee Orientation Meeting • Key Ballroom 9**

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 1:00 PM-2:30 PM

Session No. 113 • Holiday Ballrooms 4-6
ABR Update (E) (A)

AMA PRA Category 1 Credits™: 1.50

(ED)

Deborah L. Reede, MD, Moderator

LEARNING OBJECTIVES

1) Identify opportunities for improved understanding of ABR processes, procedures, and policies. 2) Discuss the finances of the ABR examinations. 3) Explain the process of ABR examination question development and deployment. 4) Describe the new online longitudinal assessment. 5) Discuss issues of professionalism and the role of social media in the ABR examination process.

A. ABR Finances (1:00 PM-1:20 PM)

Brent J. Wagner, MD

B. A Day in the Life of an Exam Item

Valerie P. Jackson, MD

C. Online Longitudinal Assessment (OLA)

Vincent P. Mathews, MD

D. Professionalism and Lessons from Social Media

Donald J. Flemming, MD

Tuesday 1:00 PM-2:30 PM

Session No. 114 • Key Ballroom 11
Leading Faculty Development in Education in Your Department (E)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Jeanine Beatty-Chadha, Moderator

Sravanthi Reddy, MD, Moderator

LEARNING OBJECTIVES

1) Discuss tips and strategies for getting your faculty to buy into diversity and inclusion. 2) State an action plan that aids faculty in your department to convert existing lectures into engaging interactive multimodal modern learning activities. 3) Explain verbal feedback in a manner that enables the receiver to process both the positive and the negative comments. 4) Compare and contrast healthy versus maladaptive behaviors in the workplace and discuss strategies to support the distressed physician. 5) Recognize available resources for identifying learners in distress.

A. Teaching Faculty About Diversity and Inclusion: How to Bring Along Disinterested Faculty

Carolynn M. DeBenedictis, MD

B. How to Engage (Resistant) Faculty to Use New Teaching Techniques

Jason W. Stephenson, MD

C. Helping Your Faculty Give Useful, Detailed Feedback (In Person and in Writing) (1:30 PM-1:45 PM)

Amy M. Oliveira, MD

D. Faculty Issues: Addressing Disruptive Behaviors and Assisting Faculty in Distress

Alison L. Chetlen, DO

E. Teaching Faculty of Identify Learners in Distress and Provide Support

Lori A. Deitte, MD

F. Q&A

Tuesday 1:00 PM-2:30 PM

Session No. 115 • Key Ballroom 10
Informatics and the Learning Healthcare System (R)

AMA PRA Category 1 Credits™: 1.50

(IN) (ARLM)

Stella K. Kang, MD*, Moderator

Tharakeswara K. Bathala, MD, Moderator

LEARNING OBJECTIVES

1) Discuss applications of radiology informatics to enhance and improve clinical practice. 2) Identify key methods of using informatics to study imaging outcomes. 3) Develop strategies for learning and quality improvement through automated feedback.

A. Shaping the Future for Radiology Informatics

William H. Moore, MD*

B. Using Imaging Informatics to Study Patient Outcomes

Hanna M. Zafar, MD

C. Informatics to Improve Reporting and Automate Feedback for Continuous Learning

Dorothy A. Sippo, MD*

Tuesday 1:00 PM-2:30 PM

Session No. 116 • Key Ballroom 12
RRA Task Force Reports, Part 1 (R)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (RS) (ARLM)

Linda J. Probyn, MD, Moderator

Dhakshina M. Ganeshan, MD, Moderator

A. The Role of Imaging in Health Screening

Gary J. Whitman, MD

B. Radiology, The Internet of Things and Mobile Devices

Supriya Gupta, MD, MBBS

Justin G. Peacock, MD, PhD

Michael B. Sneider, MD*

C. From Peer Review to Peer Coaching for Radiologists

Tharakeswara K. Bathala, MD

Alison L. Chetlen, DO

L. Alexandre Frigini, MD

Tuesday 1:00 PM-2:30 PM

Session No. 117 • Peale
ARRALD Program 2 (Closed Program)

AMA PRA Category 1 Credits™: 1.50

(LM) (ALD)

LEARNING OBJECTIVES

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

A. Networking in the Radiology Profession/Community

Ruth C. Carlos, MD

B. Networking: "Speed Networking"

Ruth C. Carlos, MD

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 2:30 PM-3:00 PM**Break • Key Ballrooms 7-8****Tuesday 3:00 PM-3:30 PM****Session No. 118 • Holiday Ballrooms 1-2****Case Review: Cardiac Imaging (T)**

AMA PRA Category 1 Credits™: .50

Steven M. Hool, MD, Moderator
Brent P. Little, MD***LEARNING OBJECTIVES**

1) Discuss common and uncommon cases in cardiac imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Tuesday 3:00 PM-4:00 PM**APCR Member Meeting 1 • Key Ballroom 12****Tuesday 3:00 PM-4:30 PM****Session No. 119 • Holiday Ballrooms 4-6
Radiology Training Program Open Mic Session (E)(A)**

AMA PRA Category 1 Credits™: 1.50

Jonathan O. Swanson, MD, Moderator
Jennifer E. Gould, MD*, Moderator**LEARNING OBJECTIVES**

1) Discuss factors affecting trainees and training programs with regard to family issues. 2) Identify opportunities for improved leadership transitions. 3) Identify opportunities for including the topic of artificial intelligence and radiology education/training. 4) Discuss how to develop an action plan for working with struggling trainees.

Tuesday 3:00 PM-4:30 PM**Session No. 120 • Key Ballroom 11
Creative Teaching Techniques (E)**

AMA PRA Category 1 Credits™: 1.50

Gloria Guzman Perez-Carrillo, MD, Moderator
Jeffery Hogg, MD, Moderator**LEARNING OBJECTIVES**

1) Discuss the benefits of using social media, QR codes, and game show formats in medical education. 2) Describe the benefits and risks to introducing competition into group educational activities. 3) Develop a plan for a blended educational experience.

A. Teaching via Social Media (3:00 PM-3:10 PM)

Judith A. Gadde, DO

B. Game of Thrones: Promoting Education through Healthy Competition (3:10 PM-3:20 PM)

Ryan B. Peterson, MD

C. QR Codes: What They Are, How to Make Them, and How to Use Them Effectively in Your Teaching (3:20 PM-3:30 PM)

T. Shawn Sato, MD

D. Incorporation of a Radiology-Anatomy Laboratory into an Evolving Gross Anatomy Curriculum (3:30 PM-3:40 PM)

Maria C. Shiau, MD, MA

E. The Mystery Fluoroscopy Box (3:40 PM-3:50 PM)

Caroline W. Carrico, MD*

F. Adding Fun Activities: Play-Doh, Costumes, Modules, and More! (3:50 PM-4:00 PM)

Allison M. Grayev, MD

G. Who Wants to Be a Millionaire: Multiple Game Show Formats for Education: How to Get Started (4:00 PM-4:10 PM)

Mahan Mathur, MD

H. Engaging Medical Students After the Match (4:10 PM-4:20 PM)

Joseph W. Owen, MD

I. Q&A (4:20 PM-4:30 PM)**Tuesday 3:00 PM-4:30 PM****Session No. 121 • Key Ballroom 10
Multidisciplinary Collaborations for High Impact Outcomes Research (R)**

AMA PRA Category 1 Credits™: 1.50

Mahmud Mossa-Basha, MD, Moderator
Kathryn Lowry, MD, Moderator**LEARNING OBJECTIVES**

1) Identify key outcomes research methods for health services research. 2) Develop study designs incorporating patient reported outcome measures. 3) Explain how these methods can be used to interpret the radiology scientific literature and implemented in their own research studies.

A. Designing Studies with Potential to Improve Clinical Practice (3:00 PM-3:30 PM)

Jeffrey G. Jarvik, MD*

B. How to Study Imaging Outcomes (3:30 PM-4:00 PM)

Lars J. Grimm, MD*

C. Patient-Centered Outcomes in Imaging Research

Ruth C. Carlos, MD

Tuesday 3:30 PM-4:30 PM**Session No. 123 • Holiday Ballrooms 1-2
Idea Forum (A³CR² Members Only) (T)**

AMA PRA Category 1 Credit™: 1.00

Katherine J. Blair, MD, Moderator
Sana Hava, DO, Moderator
Endel A. Sorra, MD, Moderator
Darel E. Heitkamp, MD**LEARNING OBJECTIVES**

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

* Faculty financial disclosures are located in the Faculty Index.

Tuesday 4:00 PM-5:30 PM**Session No. 124 • Peale
ARRALD Program 3 (Closed Program)**

AMA PRA Category 1 Credits™: 1.50



Jadranka Stojanovska, MD, Moderator

LEARNING OBJECTIVES

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

A. Junior Faculty Panel: Balancing Life and Career in Academic Radiology**B. Panelists**

Judy Yee, MD★
Hedvig Hricak, MD, PhD★
Ella A. Kazerooni, MD

Tuesday 4:30 PM-5:00 PM**Session No. 125 • Holiday Ballrooms 1-2
Case Review: Vascular & Interventional Radiology (T)**

AMA PRA Category 1 Credit™: .50



Kevin D. Hiatt, MD, Moderator
Minhaj S. Khaja, MD, MBA★

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in vascular and interventional radiology. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Tuesday 4:30 PM-5:30 PM**Session No. 126 • Holiday Ballrooms 4-6
IR/DR Hot Topics (E)**

AMA PRA Category 1 Credit™: 1.00



Saher S. Sabri, MD★, Moderator

A. Advising Medical Students Applying to IR and DR

Sun Ho Ahn, MD

B. Managing Internal Transfers and ESIR Selection

Christopher P. Ho, MD

C. IR Procedural Case Logs: Documenting Procedural Experience in IR and DR Residencies

Jennifer E. Gould, MD★

D. Case Log Dashboard: Real Time Feedback for DR and IR Residents

Michael Hanley, MD

E. Panel Discussion

Sun Ho Ahn, MD
Michael Hanley, MD
Christopher P. Ho, MD
Jennifer E. Gould, MD★

Tuesday 5:30 PM-6:00 PM**RRA Business Meeting • Ruth****Tuesday 6:30 PM-8:30 PM****AUR Welcome Reception • Maryland Science Center**

★ Faculty financial disclosures are located in the Faculty Index.

Wednesday, April 10, 2019

Wednesday 7:00 AM-8:00 AM

Session No. 201 • Key Ballrooms 7-8 Poster Discussion Session (R)(E)(A)(L)(T)

AMA PRA Category 1 Credit™: 1.00

Wednesday 7:00 AM-8:00 AM

Breakfast and Roundtable Discussions • Key Ballrooms 1-6

Wednesday 7:45 AM-9:30 AM

Session No. 203 • Johnson AUR Radiology Management Program (Closed Program)

AMA PRA Category 1 Credits™: 1.75

(ED)(LM)(ARLM)

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Welcome and Overview

Pablo R. Ros, MD, MPH

B. Case 1: The Hunger Games: Productivity-based Compensation Plan for Academic Radiologists

Pablo R. Ros, MD, MPH
Kristen K. DeStigter, MD

Wednesday 8:00 AM-9:30 AM

Session No. 204 • Holiday Ballrooms 4-6 AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (E)

AMA PRA Category 1 Credits™: 1.50

(ED)(LM)(RLD)(ARLM)

David M. Naeger, MD, Moderator
Louis N. Pangaro, MD, MACP

LEARNING OBJECTIVES

1) Describe the ways in which curricula in medical education are likely to evolve over the next one to two decades. 2) Explain the recent evolution of learner assessment in medical education and how assessment may change in the future. 3) Discuss how challenges facing the health care system may impact the education of the medical workforce.

Wednesday 8:00 AM-9:30 AM

Session No. 205 • Key Ballroom 10 RRA Research Boot Camp - Designing a Better Future through Radiology Research (R)

AMA PRA Category 1 Credits™: 1.50

(ED)(LM)(RS)

Christoph I. Lee, MD*, Moderator
Linda J. Probyn, MD, Moderator

LEARNING OBJECTIVES

1) Explain important steps involved in planning, executing, and completing a new research study. 2) Describe ethical considerations when executing a research project. 3) Discuss pearls and pitfalls for successful research study completion and publication.

A. Planning the Project: The Art of Study Design

Reed A. Omary, MD

B. Executing the Project: Data Collection and Analysis

Soterios Gyftopoulos, MD

C. Completing the Project: From Analysis to Manuscript

Elizabeth A. Krupinski, PhD

D. Research Ethics

Leon Lenchik, MD

E. Getting Published

N. Reed Dunnick, MD*

Wednesday 9:30 AM-10:00 AM

Break and Poster Viewing • Key Ballrooms 7-8

Wednesday 10:00 AM-11:30 AM

Session No. 206 • Holiday Ballrooms 1-2 Leadership Track 1: Mentorship and Sponsorship (L)

AMA PRA Category 1 Credits™: 1.50

(ED)(LM)(ARLM)

Rebecca Leddy, MD, Moderator
Yu-Ming Chang, MD, PhD*, Moderator

LEARNING OBJECTIVES

1) Discuss mentorship from both the mentor and mentee perspective. 2) Identify how mentorship is different from sponsorship.

A. What a Resident Wants in a Mentor (10:00 AM-10:30 AM)

Alanna B. Van Hooser, MD

B. What a Mentor Wants in a Mentee

Aine M. Kelly, MD, MS

C. Mentorship versus Sponsorship: Being a Good Sponsor

Martha B. Mainiero, MD

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 10:00 AM-11:30 AM

**Session No. 207 • Holiday Ballrooms 4-6
Education Track 2: Professionalism and Communication (E)**

AMA PRA Category 1 Credits™: 1.50

ED LM PR (ARLM)

Brandi T. Nicholson, MD, Moderator
Eric J. Stern, MD, Moderator

LEARNING OBJECTIVES

1) List several evidence-based techniques to improve one's oral presentations. 2) Describe the key elements of effective inter-provider communication, both verbal and written, that are essential for providing excellent patient care. 3) Recognize the essential components of patient-centered care. 4) Develop a framework for building interdepartmental teams. 5) Outline a cultural competency curriculum. 6) Develop manuscript preparation skills.

A. It's Like Talking to a Wall: Innovative Provider to Provider Communication

Christine M. Peterson, MD

B. Patient-Centered Care

Andrew J. Gunn, MD*

C. Making Friends in the Sandbox: Interdepartmental Collaborations Promote Hospital Engagement

Dayna Levin, MD

D. Practical Presentation Pearls: Evidence-based Recommendations from the Psychology and Physiology Literature

Michael L. Richardson, MD

E. Diversity and Inclusion: Creating a Cultural Competency Curriculum

Nolan J. Kagetsu, MD*

F. Publishing Tips from the Editor-in-Chief

N. Reed Dunnick, MD*

Wednesday 10:00 AM-11:30 AM

**Session No. 208 • Key Ballroom 12
The Future of Coordinator Leadership: Projecting Your Role and Influencing Others (A)**

AMA PRA Category 1 Credits™: 1.50

ED LM

LEARNING OBJECTIVES

1) Explain the difference between power and leadership. 2) Develop a more effective approach to leadership. 3) Identify influence styles of yourself and others. 4) Recognize how influence style can be effective or ineffective.

A. Leading Your Boss

Richard B. Gunderman, MD, PhD

B. Recognize Your Influence Style

Katharina Wang

Wednesday 10:00 AM-11:30 AM

**Session No. 209 • Key Ballroom 10
Artificial Intelligence: Transforming the Delivery of Diagnostic Care (R)**

AMA PRA Category 1 Credits™: 1.50

AI

Pari Pandharipande, MD, MPH*, Moderator
Ajay Gupta, MD, Moderator

LEARNING OBJECTIVES

1) Identify major goals of artificial intelligence research in imaging. 2) Describe approaches by which machine learning can be used to improve imaging interpretation. 3) Recognize artificial intelligence as a tool to aid health services research.

A. Machine Learning in Imaging: Introduction and Potential Impact (10:00 AM-10:30 AM)

Yvonne W. Lui, MD*

B. Machine Learning Models for Improving Patient Care

Manisha Bahl, MD

C. Artificial Intelligence: Seeing Past the Hype

Nathan M. Cross, MD,MS

Wednesday 10:00 AM-11:45 AM

**Session No. 211 • Johnson
AUR Radiology Management Program (Closed Program)**

AMA PRA Category 1 Credits™: 1.75

ED LM (ARLM)

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 2: Academic Radiology Expansion into Regional Practice

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

Wednesday 10:00 AM-12:00 PM

**Session No. 210 • Peale
ARRALD Program 4 (Closed Program)**

AMA PRA Category 1 Credits™: 2.00

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 improvements.

A. Leadership Examples, Theory, and Lessons Learned

Alexander Norbash, MD*

B. Critical Communication Skills and Conflict Resolution

Carolyn C. Meltzer, MD

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 12:00 PM-12:45 PM

Luncheon and AUR Business Meeting • Key Ballrooms 1-6



Wednesday 12:00 PM-1:30 PM

APCR Lunch • Key Ballroom 9

Wednesday 12:45 PM-1:45 PM

Session No. 214 • Key Ballrooms 1-6

Ydareny Imaging Interpretation Competition **(REALT)** (Supported by the Radiological Society of North America)

AMA PRA Category 1 Credit™: 1.00



Grant E. Lattin, MD, Moderator
Christian L. Carlson, MD, MS, Moderator
Justin G. Peacock, MD, PhD
Steven R. Hole, MD
Michael J. Berge, MD

LEARNING OBJECTIVES

1) Identify strategies for efficient/timely selection of the correct diagnoses for challenging imaging cases. 2) Discuss the value of team-based collaborative discussion in the diagnosis of difficult medical cases. 3) Identify methods to increase accuracy via such strategies as radiologic-pathologic correlation in making imaging based diagnoses. 4) Recognize the role of multimodality imaging in providing additional information to answer a clinical question and assist in determining next steps in patient management. 5) Compare and synthesize multisource information in order to accurately diagnose complex conditions.

Wednesday 1:00 PM-2:30 PM

Session No. 215 • Johnson

AUR Radiology Management Program (Closed Program)

AMA PRA Category 1 Credits™: 1.50



LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 3: Practice Quality Improvement: Where Do I Start?

Aine M. Kelly, MD, MS
Paul P. Cronin, MBBCh

Wednesday 2:00 PM-2:30 PM

Session No. 216 • Holiday Ballrooms 1-2

Conflict Resolution – For Training and Beyond **(T)**

AMA PRA Category 1 Credit™: .50



Hunter T. Christy, MD, Moderator
Daniella Asch, MD
Cheri L. Canon, MD*

LEARNING OBJECTIVES

1) Describe conflict situations in the radiology workplace, particularly as it relates to trainees. 2) Discuss methods for conflict resolution, both at a peer

level and a supervisor level. 3) Identify strategies for conflict mitigation that translate from residency to clinical practice.

Wednesday 2:00 PM-3:30 PM

Session No. 217 • Holiday Ballrooms 4-6

RRC Update **(EA)**

AMA PRA Category 1 Credits™: 1.50



Ernest Wiggins, MD, Moderator

LEARNING OBJECTIVES

1) Identify opportunities for improved understanding of ACGME Radiology RRC processes, procedures, and policies. 2) Discuss the development of an action plan for improved understanding of ACGME Radiology RRC processes, procedures, and policies.

A. ACGME Update

James C. Anderson, MD

B. Radiology Milestones 2.0

Laura Edgar, EdD

Wednesday 2:00 PM-3:30 PM

Session No. 218 • Key Ballroom 12

Practical Tips for Succeeding as a Clinician-Educator **(E)**

AMA PRA Category 1 Credits™: 1.50



Ramesh S. Iyer, MD, Moderator
Jessica B. Robbins, MD, Moderator

LEARNING OBJECTIVES

1) Discuss how to navigate a new leadership transition. 2) Explain different techniques of resolution after receiving negative feedback. 3) Recognize that "failure" only happens if you have dared to try something new. 4) Compare branding options in academic radiology. 5) Explain how sponsorship is distinct from mentorship and equally important for career advancement. 6) List organizations in radiology and medicine.

A. Transitioning into a New Leadership Role

Puneet Bhargava, MD

B. Managing Emotional Response When Giving and Receiving Difficult Feedback

Katherine A. Klein, MD

C. Rebounding from Failure

William W. Mayo-Smith, MD

D. Branding

Reed A. Omary, MD

E. Sponsorship

Carolyn C. Meltzer, MD

F. Leadership Opportunities in Organized Radiology

James V. Rawson, MD

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 2:00 PM-3:30 PM**Session No. 220 • Key Ballroom 10
RRA Task Force Reports, Part 2 (R)**

AMA PRA Category 1 Credits™: 1.50

ED LM RSSoterios Gyftopoulos, MD, Moderator
Summer J. Decker, PhD, Moderator**A. Make Learning Fun: Gaming in Radiology Education**Omer A. Awan, MD
Maria Braileanu, MD
Jason Powell, MD**B. Bioethics in Clinical Radiology Practice**Robert H. Andrews, MD
Etta D. Pisano, MD*
Lindsey A. Shea, MD**C. Radiologist as a Lifelong Learner: Strategies for Ongoing Education**Xuan V. Nguyen, MD, PhD*
Ashish P. Wasnik, MD**D. Trends in Radiology: Volumes, Needs, Types of Studies, and Predictions**Abhimanyu Aggarwal, MD
Mohammad Elsayed, MD
Brent D. Griffith, MD**Wednesday 2:00 PM-3:30 PM****Session No. 221 • Ruth
AMSCR Program 1: Residents as Teachers (A)**Laura D. Pawlak, Moderator
Tosha C. Feldkamp, Moderator
Carol K. Dowdle, BA, Moderator
Kathleen McDermott, JD, Moderator
Carol K. Dowdle, BA
Ryan B. Peterson, MD**Wednesday 2:00 PM-4:00 PM****Session No. 219 • Key Ballroom 11
GERRAF: Research in Progress 1 (R)**

AMA PRA Category 1 Credits™: 2.00

ED RS

LEARNING OBJECTIVES

1) Identify elements of high-quality health services research. 2) Discuss skills in providing effective research feedback. 3) Describe comparative effectiveness and health services research protocols.

Wednesday 2:30 PM-3:00 PM**Session No. 222 • Holiday Ballrooms 1-2
Case Review: Ultrasound (T)**

AMA PRA Category 1 Credit™: .50

US EDSteven M. Hool, MD, Moderator
Ashish P. Wasnik, MD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in ultrasound. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Wednesday 3:00 PM-3:30 PM**Session No. 223 • Holiday Ballrooms 1-2
Case Review: Neuroradiology (T)**

AMA PRA Category 1 Credit™: .50

NR EDSteven M. Hool, MD, Moderator
Mark E. Mullins, MD, PhD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in neuroradiology. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Wednesday 3:00 PM-5:00 PM**Session No. 225 • Johnson
AUR Radiology Management Program (Closed Program)**

AMA PRA Category 1 Credits™: 2.00

ED LM (ARLM)

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 4: Award Winning Case: Proving Value - How to Measure Our Impact on Patient Retention and Growth Within an Institution Through the Eyes of a Patient

Laura R. Doepke, MD

B. Discussion**Wednesday 3:00 PM-5:30 PM****Session No. 224 • Peale
ARRALD Program 5 (Closed Program)**

AMA PRA Category 1 Credits™: 2.50

ED 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 improvements.

A. Radiological Professional Organizations: Making Sense of the "Alphabet Soup"

N. Reed Dunnick, MD*

B. Introduction to Process Improvement and Quality

Nadja Kadom, MD

C. PB&J: A Process Improvement CaseJames V. Rawson, MD
Ruth C. Carlos, MD**Wednesday 3:30 PM-4:00 PM****Break and Poster Viewing • Key Ballrooms 7-8**

* Faculty financial disclosures are located in the Faculty Index.

Wednesday 4:00 PM-4:30 PM

Session No. 227 • Holiday Ballrooms 1-2

Case Review: Physics (T)

AMA PRA Category 1 Credit™: .50



Steven M. Hool, MD, Moderator
Daniel E. Wessell, MD, PhD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in radiology physics. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Wednesday 4:00 PM-5:00 PM

AMSER Members and Business Meeting • Key Ballroom 12

Wednesday 4:00 PM-5:30 PM

Session No. 226 • Key Ballroom 10

AUR Research and Education Foundation Grant Session (R) (E) (A)



AMA PRA Category 1 Credit™: 1.50



Yoshimi Anzai, MD, Moderator
Pina C. Sanelli, MD*, Moderator

LEARNING OBJECTIVES

1) Recognize the AUR Research and Education 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. Identifying Drivers of Adoption of Advanced Imaging for Cancer Screening: A Multi-Level, Nationally Representative Analysis**
Christoph I. Lee, MD*
- B. Building a Career Planning Tool Box for Future Clinician-Educators and Academic Researchers**
Tara M. Catanzano, MD
- C. A Mobile/Progressive Web Application of Daily Radiologic Cases Using Applied and Motivational Community Game Design**
Smyrna Tuburan, MD
- D. Facilitating a Radiology Curriculum for Radiology Residents in Haiti Using Table Computers**
Jennifer L. Nicholas, MD

Wednesday 4:00 PM-5:30 PM

Session No. 228 • Holiday Ballrooms 4-6 Hot Topics in Radiology Residency Training (E) (A)

AMA PRA Category 1 Credits™: 1.50



Richard B. Ruchman, MD*,
LEARNING OBJECTIVES

1) Recognize the current job market in radiology. 2) Describe the role of radiologists in the response to a mass casualty event. 3) Describe the 2019 Match. 4) Recognize the legal consequences of a negative performance evaluation. 5) Describe the process of merging radiology residency programs. 6) Describe the new and expanded role of the program director in faculty evaluations.

- A. Job Market Update**
Claire E. Bender, MD
- B. Mass Casualty Event and Radiology**
Kristina A. Siddall, MD
- C. Match Update**
Anna Rozenshtein, MD
- D. Legal Implications of a Negative Performance Review**
Joshua P. Nickerson, MD
- E. Merging Programs**
Amita Kamath, MD, MPH
- F. Faculty Evaluation by the Program Director**
Jessica B. Robbins, MD

Wednesday 4:30 PM-5:30 PM

Session No. 230 • Holiday Ballrooms 1-2 Problem Solving (A³CR² members only) (T)

AMA PRA Category 1 Credit™: 1.00



Allison O. Backer, DO, Moderator
Peter J. Massa, MD, Moderator
Robert H. Andrews, 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 5:00 PM-5:30 PM

RAHSR Business Meeting • Latrobe

Wednesday 5:30 PM-6:30 PM

A³CR²/APDR/SCARD/APCR/RSNA Beer and Pretzels Reception • Key Ballroom Foyer (Supported by the APDR, RSNA, and SCARD)



* Faculty financial disclosures are located in the Faculty Index.

Thursday, April 11, 2019

Thursday 7:00 AM-8:00 AM

Session No. 301 • Key Ballrooms 7-8 Poster Discussion Session (R)(E)(A)(L)(T)

AMA PRA Category 1 Credit™: 1.00

Thursday 7:00 AM-8:00 AM

Breakfast and Roundtable Discussions • Key Ballrooms 1-6

Thursday 8:00 AM-8:30 AM

Session No. 303 • Holiday Ballrooms 1-2 Case Review: Nuclear Medicine (T)

AMA PRA Category 1 Credit™: .50

(NM)(ED)

Kevin D. Hiatt, MD, Moderator
David M. Naeger, MD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in nuclear medicine. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Thursday 8:00 AM-9:30 AM

Session No. 304 • Holiday Ballrooms 4-6 Education Track 3: Enhancing Learning and Enrichment (E)

AMA PRA Category 1 Credits™: 1.50

(ED)(LM)(ARLM)

Pamela W. Schaefer, MD, Moderator
Lily M. Belfi, MD, Moderator

LEARNING OBJECTIVES

1) Develop a positive learning environment. 2) Describe how to expose high school students to the basics of radiology and to evaluate such an exposure. 3) Explain to the learner how to develop a strategic career plan including the importance of early, effective CV preparation and gap analysis. 4) Recognize the key elements of a resident clinician-educator track. 5) Identify and explain entrustable professional activities.

A. Self-Study: The Essentials

Pamela W. Schaefer, MD

B. Development and Implementation of a Resident Clinician-Educator Track

Ryan B. Peterson, MD

C. Faculty Development Starts Before the Job: Teaching Trainees and Junior Faculty Strategic Career Planning

Tara M. Catanzano, MD

D. Radiology Outreach into the Community: Is it too Early to Start Radiology in High School?

Manickam Kumaravel, MD

E. Enhancing the Learning Environment

Priscilla J. Slanetz, MD, MPH

F. Entrustable Professional Activities in Radiology Education and Assessment

Monica M. Sheth, MD

Thursday 8:00 AM-9:30 AM

Session No. 305 • Key Ballroom 12 Best Practices of APCR Membership for Future Success (A)

AMA PRA Category 1 Credits™: 1.50

(ED)

Sylvia E. Zavatchen, BA*, Moderator

LEARNING OBJECTIVES

1) Describe the best practices of APCR members. 2) Discuss how to adapt and incorporate these best practices into management of CCC and PEC meeting organization, interview season, the self-study, resident reviews, resident orientation and onboarding, graduation, and the annual program evaluation. 3) Identify best practices in a coordinator workflow.

A. The 10-year Site Visit: It Takes a Village

Iva Strollo

B. The Chaos of Case-logging in Radiology: 2018-2019 Updates

Gloria Jorge
Travis E. Meyer, MD*
Ryan Braun, MD*

C. Conference Attendance via QR Codes

Kimberly A. Christman

Thursday 8:00 AM-9:30 AM

Session No. 306 • Key Ballroom 10 Research Track 2: Preparing for and Performing Research (R)

AMA PRA Category 1 Credits™: 1.50

(RS)

Stella K. Kang, MD*, Moderator
Paul P. Cronin, MBBCh, Moderator

LEARNING OBJECTIVES

1) Identify methodologies to critically appraise the literature. 2) Identify publicly available data sets that don't need funding. 3) Identify sources for federal and private/society research funding. 4) Recognize the nature of these different types of applications and review processes, and learn how both sources fit into a funding portfolio. 5) Explain the available guidelines for reporting study design and methods, and manuscript production.

A. Critically Appraising the Literature (8:00 AM-8:20 AM)

Annemarie Relyea-Chew, JD, MS

B. Publicly Available Data Sets to do Research that Don't Need Funding (8:20 AM-8:40 AM)

Hanna M. Zafar, MD

C. Funding Mechanisms (Federal and Society) (8:40 AM-9:00 AM)

Elizabeth A. Krupinski, PhD

D. Reporting Guidelines for Manuscript Production (9:00 AM-9:30 AM)

Felix S. Chew, MD, MBA

Thursday 8:00 AM-9:30 AM

Session No. 307 • Peale ARRALD Program 6 (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 improvements.

A. Practice Improvement Workshop

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

* Faculty financial disclosures are located in the Faculty Index.

Thursday 8:00 AM-9:30 AM

Session No. 308 • Johnson AUR Radiology Management Program (Closed Session)

AMA PRA Category 1 Credits™: 1.50

ED LM ARLM

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 5: Academic Radiology Departments' Relationships with Industry

Matthew A. Barish, MD*
Judy Yee, MD*

Thursday 8:30 AM-9:30 AM

Session No. 309 • Holiday Ballrooms 1-2 Partnering with the ACR - Residency and Beyond T

AMA PRA Category 1 Credit™: 1.00

ED

Farouk Dako, MD, Moderator
Amy K. Patel, MD
Ted Burnes

LEARNING OBJECTIVES

1) Explain important concepts and goals for the American College of Radiology, with emphasis on how those goals serve trainees and young professionals. 2) Discuss opportunities for engagement and national leadership with American College of Radiology. 3) Describe effective methods for shaping national policy in radiology.

Thursday 9:30 AM-10:00 AM

Break and Poster Viewing • Key Ballrooms 7-8

Thursday 10:00 AM-11:00 AM

Session No. 327 • Key Ballrooms 12 RRC Update for Coordinators A

AMA PRA Category 1 Credit™: 1.00

ED

Felicia Davis

Thursday 10:00 AM-11:30 AM

Session No. 310 • Holiday Ballrooms 4-6 Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education L

AMA PRA Category 1 Credits™: 1.50

ED AI RLD ARLM

Dalanda M. Diallo, MD, Moderator
Rachel Z. Bass, MD, Moderator
Brenten L. Heeke, MD, Moderator
Eliot L. Siegel, MD
Paul J. Chang, MD*
Tessa S. Cook, MD, PhD*

LEARNING OBJECTIVES

1) Discuss the status of artificial intelligence in radiology as it applies to academic medical centers and training programs. 2) Describe potential problems associated with artificial intelligence and big data as they pertain to the academic mission and future training paradigms. 3) Outline strategies to leverage artificial intelligence for future gains in the educational / training paradigm.

Thursday 10:00 AM-11:30 AM

Session No. 312 • Ruth AMSCR Program 2: Best Practices and Optimizing Your Role as a Clerkship Coordinator A

Kathleen McDermott, JD*, Moderator
Christopher M. Straus, MD, Moderator
Laura D. Pawlak, Moderator
Tosha C. Feldkamp, Moderator
Carol K. Dowdle, BA, Moderator

A. Optimizing Your Role as a Clerkship Coordinator

Laura D. Pawlak
Christopher M. Straus, MD

B. Best Practices

Kathleen McDermott, JD
Laura D. Pawlak
Tosha C. Feldkamp
Carol K. Dowdle, BA

Thursday 10:00 AM-12:00 PM

Session No. 311 • Johnson AUR Radiology Management Program (Closed Program)

AMA PRA Category 1 Credits™: 2.00

ED LM

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 6: Designing the Academic Mission in an Era of Constraints

Reed A. Omary, MD
Lori A. Deitte, MD

B. Keynote Speaker: The Value of Failure

Alexander Norbash, MD*

* Faculty financial disclosures are located in the Faculty Index.

Thursday 11:00 AM-12:00 PM

APCR Member Meeting 2 • Key Ballroom 12

Thursday 12:00 PM-1:00 PM

Luncheon and AUR Awards Ceremony • Key Ballrooms 1-6



Thursday 1:00 PM-2:30 PM

Session No. 315

AUR Scientific Sessions (R) (E) (A) (L) (T)

AMA PRA Category 1 Credits™: 1.50



SS01: Abdominal, Cardiopulmonary, MSK
Room: Holiday Ballrooms 1-2

(See pages 55-57.)

SS02: Neuroradiology, Nuclear, Women's Imaging, Ultrasound
Room: Holiday Ballrooms 4-6

(See pages 57-60.)

SS03: Resident Education 1
Room: Key Ballroom 9

(See pages 61-63.)

SS04: Resident Education 2
Room: Key Ballroom 10

(See pages 64-66.)

SS05: Student Education
Room: Key Ballroom 12

(See pages 67-69.)

SS06: RAHSR Health Services Research Scientific Session
Room: Key Ballroom 11

(See pages 70-72.)

Thursday 1:00 PM-2:30 PM

Session No. 316 • Johnson

AUR Radiology Management Program (Closed Program)

AMA PRA Category 1 Credits™: 1.50



LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 7: Negotiation Skills: The Case of Financial Negotiation for Equipment Purchases

Dieter R. Enzmann, MD

Thursday 2:30 PM-3:00 PM

Break and Poster Viewing • Key Ballrooms 7-8

Thursday 3:00 PM-4:30 PM

Session No. 317 • Holiday Ballrooms 4-6

Problem Solving for Residents, Program Directors, Coordinators, and Chairs (E) (A)

AMA PRA Category 1 Credits™: 1.50



Allison O. Backer, DO, Moderator
Peter J. Massa, MD, Moderator
Robert H. Andrews, 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.

Thursday 3:00 PM-4:30 PM

Session No. 318 • Key Ballroom 12

Generations X, Y, and Z: New Education Techniques for Current and Future Learners (E)

AMA PRA Category 1 Credits™: 1.50



Aine M. Kelly, MD, MS, Moderator
Patricia T. Acharya, MD, Moderator

LEARNING OBJECTIVES

1) Describe the Y and Z generations and evaluate what makes these generations unique and how that affects learner motivation. 2) Develop strategies to expand the role of the academic radiologist in the pre-clinical and clinical curriculum. 3) Describe active learning strategies that promote learner engagement. 4) Develop a radiology course that requires less didactic teaching time with more self-guided learning with minimal interference to the regular work day.

A. How to Motivate Generation Y and Z Learners

Smyrna Tuburan, MD

B. Current Trends in Modern Curricula

Diana L. Lam, MD*

C. Maintaining Influence, Facetime, and Recognition in the Age of Recorded Lectures and Reduced Teaching Time

Jeanne G. Hill, MD

D. Engaging the Distracted Learner

Mark E. Mullins, MD, PhD

E. Teaching with Less Protected Time

Matthew S. Hartman, MD

F. Q&A

* Faculty financial disclosures are located in the Faculty Index.

Thursday 3:00 PM-4:30 PM

Session No. 320 • Key Ballroom 10 Educating the Future: Radiologists, Patients, and Machines (A) (L)

AMA PRA Category 1 Credits™: 1.50

ED (ARLM)

Bennett S. Greenspan, MD, MS, Moderator

LEARNING OBJECTIVES

1) Develop their professionalism and communication skills as direct medical consultants to patients. 2) Discuss how computer systems can improve performance without explicit programming. 3) Discuss how quality improves imaging practice. 4) List and discuss at least three of the roles of the residency program director. 5) Explain to patients what radiation is and the benefits and risks in its use to diagnose and treat disease.

A. Communicating with Patients: Developing the Radiology Clinic

Patrick M. Colletti, MD

B. Teaching Machines

Satoshi Minoshima, MD, PhD*

C. Teaching Quality in Imaging

Bennett S. Greenspan, MD, MS

D. Educating the Future: The Many Roles of the Residency Program Director

Jay A. Harolds, MD

E. Talking to Patients About Radiation

Bennett S. Greenspan, MD, MS

F. Discussion

Thursday 3:00 PM-5:00 PM

Session No. 319 • Key Ballroom 11 GERRAF: Research in Progress 2 (R)

AMA PRA Category 1 Credits™: 1.50

ED (RS)

LEARNING OBJECTIVES

1) Identify elements of high-quality health services research. 2) Discuss skills in providing effective research feedback. 3) Describe comparative effectiveness and health services research protocols.

Thursday 3:00 PM-5:00 PM

Session No. 321 • Johnson AUR Radiology Management Program (Closed Program)

AMA PRA Category 1 Credits™: 2.00

ED (LM) (ARLM)

LEARNING OBJECTIVES

1) Describe current management issues facing academic radiology departments. 2) Discuss, through experiential learning, departmental decision making by using mock departmental executive committees. 3) Recognize whether they want to pursue a leadership position in radiology.

A. Case 8: Building a Culture of Wellness and Resilience

Carolyn C. Meltzer, MD
Cheri L. Canon, MD*

B. Closing Remarks

C. Program Recognition

Thursday 4:30 PM-5:00 PM

A³CR² Business Meeting and Elections • Holiday Ballrooms 1-2

Thursday 4:30 PM-5:00 PM

APDR Business Meeting • Key Ballroom 9

Thursday 4:30 PM-5:30 PM

Research Mentoring Event • Tubman (Supported by the RRA)

Thursday 5:00 PM-5:30 PM

ACER Business Meeting • Holiday Ballroom 3

Thursday 5:30 PM-6:30 PM

AMSER/ACER Reception and Open House • Holiday Ballroom 3 (Supported by the American College of Radiology)

* Faculty financial disclosures are located in the Faculty Index.

Friday, April 12, 2019

Friday 7:00 AM-8:00 AM

Session No. 401 • Holiday Ballrooms 1-2
Educational Innovation (E)(A)

AMA PRA Category 1 Credit™: 1.00

(ED) (AI) (ARLM)

Kamran Ali, MD, Moderator

LEARNING OBJECTIVES

1) Identify how the goals of trainee education overlap with multiple choice exams. 2) Develop a novel approach to presentation design. 3) Explain the roles of artificial intelligence and 3D printing in radiology education.

A. Zen and the Art of Presentation Design

Lori A. Deitte, MD

B. Artificial Intelligence and 3D Printing: The Future of Radiology Education

David S. Sarkany, MD

C. Teaching in the Era of Multiple Choice Exams

Sabah Servaes, MD

Friday 7:00 AM-8:00 AM

SCARD Business Meeting and Breakfast • Key Ballroom 4

Friday 7:15 AM-8:30 AM

Session No. 403 • Johnson
AUR Academic Faculty Development Program (Closed Program)

AMA PRA Category 1 Credits™: 1.25

(ED) (LM) (RS)

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.

A. Welcome

Richard B. Gunderman, MD, PhD

B. Education in Radiology: Seven Habits for Excellence

Brandon P. Brown, MD, MA

C. Excelling at Research

King C. Li, MD

Friday 8:00 AM-8:30 AM

Session No. 405 • Holiday Ballrooms 1-2
Case Review: Thoracic Imaging (T)

AMA PRA Category 1 Credit™: .50

(CH) (ED)

Kevin D. Hiatt, MD, Moderator
 Tan-Lucien H. Mohammed, MD, MS

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in thoracic imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Friday 8:00 AM-9:30 AM

Session No. 404 • Key Ballroom 9
Leadership Track 2: Recruiting our Future Workforce, Part 1 (L)

AMA PRA Category 1 Credits™: 1.50

(LM) (RLD) (ARLM)

Paul P. Cronin, MBCh, Moderator
 Lori A. Deitte, MD, Moderator

LEARNING OBJECTIVES

1) Discuss interactions that develop medical students, residents, and junior faculty. 2) Identify ways programs can work together to advance the careers of junior faculty. 3) Explain ways programs can engage medical students.

A. Radiology Interest Groups

Sravanthi Reddy, MD

B. SheRADS: A Novel Approach to Team Building (8:30 AM-9:00 AM)

Sonia Gupta, MD*

C. Junior Faculty Visiting Professor Exchange Program (9:00 AM-9:30 AM)

Jessica B. Robbins, MD

Friday 8:00 AM-9:30 AM

Session No. 406 • Key Ballroom 12
Facing the Future: Change Management in Radiology (A)

AMA PRA Category 1 Credits™: 1.50

(ED) (LM) (ARLM)

Janet G. Palmer, Moderator

LEARNING OBJECTIVES

1) Discuss changes in health care and academic radiology from the perspective of faculty, program coordinators, and residents. 2) Identify common pitfalls in change management. 3) Develop scenarios for change management interventions and understand the impact on programs. 4) Develop best practices for communicating change to residents and faculty.

A. Facing the Future: Change Management in Radiology

Frank J. Lexa, MD

B. Overview of Upcoming ACGME Changes

LaToya Wright

C. How to Communicate ACGME Changes to Residents

Endel A. Sorra, MD

Friday 8:00 AM-9:30 AM

Session No. 407 • Key Ballroom 11
Negotiating Conflict at Work (Interactive Workshop 1)
(Preregistration Required) (E)

AMA PRA Category 1 Credits™: 1.50

(LM) (ARLM)

Theresa C. McLoud, MD, Moderator
 Priscilla J. Slanetz, MD, MPH, Moderator
 Theresa C. McLoud, MD
 Priscilla J. Slanetz, MD, MPH

LEARNING OBJECTIVES

1) Describe common scenarios in which conflict arises at work. 2) Identify various strategies for addressing conflict at work. 3) Develop effective responses to challenging scenarios that minimize or address conflict.

* Faculty financial disclosures are located in the Faculty Index.

Friday 8:00 AM-9:30 AM**Session No. 408 • Key Ballroom 10
Implicit Bias in Recruitment and Education (Interactive Workshop 2)
(Preregistration Required) (E)**

AMA PRA Category 1 Credits™: 1.50

ED **LM** **ARLM**

Nolan J. Kagetsu, MD*, Moderator
Ann K. Jay, MD
James M. Milburn, MD*
Nolan J. Kagetsu, MD*
Carolynn M. DeBenedectis, MD
Madelene C. Lewis, MD

LEARNING OBJECTIVES

1) Discuss how implicit bias affects recruitment and education. 2) Develop strategies to mitigate the effects of unconscious bias. 3) Describe the components of a structured behavioral interview.

Friday 8:00 AM-9:30 AM**Session No. 409 • Holiday Ballrooms 4-5
Scientific and Health Policy Research, Part 1: Scholar
Presentations and Mentoring Program (R)**
(Supported by the American College of Radiology)

AMA PRA Category 1 Credits™: 1.50

ED **HP** **LM**

Andrew B. Rosenkrantz, MD, 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

Rathan M. Subramaniam, MD, PhD*

B. Keynote Address 1: Radiology Leadership: Lessons Learned and the Future

Erik K. Paulson, MD

C. Scholar Presentation 1

Soudabeh Fazeli Dehkordy, MD, MPH

D. Scholar Presentation 2

Benjamin S. Freeze, MD, PhD

E. Scholar Presentation 3

Bryan H. Chang, MD, PhD

F. Keynote Address 2: Imaging Clinical Practice 2025: Lessons Learned and the Future

Giles W. Boland, MD

Friday 8:30 AM-9:00 AM**Session No. 410 • Holiday Ballrooms 1-2
Case Review: Pediatric Imaging (T)**

AMA PRA Category 1 Credits™: .50

PD **ED**

Kevin D. Hiatt, MD, Moderator
Ramesh S. Iyer, MD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in pediatric imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Friday 8:30 AM-9:30 AM**Session No. 411 • Johnson
AUR Academic Faculty Development Program (Closed Program)**

AMA PRA Category 1 Credit™: 1.00

ED **LM****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.

A. Chair Roundtable: How a Chair Can Help Your Career

N. Reed Dunnick, MD*

B. Panel Discussion

Judy Yee, MD*
Colin P. Derdeyn, MD*
M. Elizabeth Oates, MD

Friday 9:00 AM-9:30 AM**Session No. 412 • Holiday Ballrooms 1-2
LGBT101: What We Should Know Beyond Preferred Pronouns (T)**

AMA PRA Category 1 Credit™: .50

LM

Zachary Berg, MD, Moderator
Carolynn M. DeBenedectis, MD
Nolan J. Kagetsu, MD*

LEARNING OBJECTIVES

1) Discuss important concepts in diversity and inclusion as they relate to clinical radiology practice and the academic mission/training process. 2) Identify opportunities for improving diversity and inclusion in a practice, including as a trainee and a young practitioner. 3) Describe common mistakes in various practice settings related to diversity and inclusion and how to avoid similar pitfalls in future practice.

Friday 9:30 AM-10:00 AM**Break and Poster Viewing • Key Ballrooms 7-8****Friday 10:00 AM-11:00 AM****Session No. 413 • Holiday Ballrooms 1-2
Helpful Tips for the Successful Educator (T)**

AMA PRA Category 1 Credit™: 1.00

ED

Zachary Berg, MD, Moderator
Lori A. Deitte, MD
Omer A. Awan, MD

LEARNING OBJECTIVES

1) State common characteristics of a successful teacher. 2) Outline methods to keep medical student lectures focused, interactive, and engaging. 3) Describe methodologies in the quest to become a great teacher.

* Faculty financial disclosures are located in the Faculty Index.

Friday 10:00 AM-11:30 AM

Session No. 414 • Key Ballroom 11
Creating Podcasts and Screencasts (Interactive Workshop 3)
(Preregistration Required) (E)

AMA PRA Category 1 Credits™: 1.50



Mahesh M. Thapa, MD, Moderator
 Andres R. Ayoob, MD
 Mahesh M. Thapa, MD
 Sarah J. Menashe, MD
 Anh-vu H. Ngo, MD

LEARNING OBJECTIVES

1) Develop a Vodcast using Instagram as the platform. 2) Describe the benefits to using podcasts and screencasts in education. 3) Compare techniques to grow a social media audience.

Friday 10:00 AM-11:30 AM

Session No. 415 • Key Ballroom 10
Giving Difficult Feedback (Interactive Workshop 4) (Preregistration Required) (E)

AMA PRA Category 1 Credits™: 1.50



Gary J. Whitman, MD, Moderator
 David S. Sarkany, MD
 Gary J. Whitman, MD
 Christopher M. Straus, MD
 Diana L. Lam, MD*

LEARNING OBJECTIVES

1) Identify reasons why constructive feedback is important and why it might be avoided/ignored. 2) Discuss different feedback techniques that can be used in their daily practice environments. 3) Describe effective ways to receive feedback in different scenarios.

Friday 10:00 AM-11:30 AM

Session No. 417 • Key Ballroom 9
Recruiting Our Future Workforce, Part 2: Recruiting 2.0 (L)

AMA PRA Category 1 Credits™: 1.50



E. Kent Yucel, MD, Moderator
 Amy K. Hara, MD*, Moderator

LEARNING OBJECTIVES

1) Develop a best-practices process for faculty recruitment. 2) Identify methods to leverage social media for recruitment and faculty development. 3) Discuss alternatives to the traditional faculty member work schedule.

A. Managing Pre-employment Verification

E. Kent Yucel, MD

B. Ins and Outs of Behavioral Interviewing for Recruitment

Amy K. Hara, MD*

C. Social Media as a Tool

Carolyn C. Meltzer, MD

D. Alternative Scheduling Models

Cheri L. Canon, MD*

Friday 10:00 AM-11:30 AM

Session No. 419 • Johnson
AUR Faculty Development Program (Closed Program)

AMA PRA Category 1 Credits™: 1.50



Felix S. Chew, MD, MBA, Moderator
 Brandon P. Brown, MD, MA, Moderator
 Richard B. Gunderman, MD, PhD, Moderator
 Monica M. Sheth, MD, Moderator
 Srini Tridandapani, MD, PhD*, Moderator

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.

A. Break-out Session 1
B. Break-out Session 2

Friday 10:00 AM-12:00 PM

Session No. 416 • Holiday Ballrooms 4-5
Scientific and Health Policy Research, Part 2: Scholar Presentations and Mentoring Program (R)
(Supported by the American College of Radiology)

AMA PRA Category 1 Credits™: 2.00



Tharakeswara K. Bathala, MD, 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. Scholar Presentation 4

Yosef G. Chodakiewitz, MD

B. Scholar Presentation 5

Luke A. Ginocchio, MD

C. Scholar Presentation 6

Justin E. Vranic, MD

D. Keynote Address 3: Imaging Research in 2025: Lessons Learned and the Future

Christopher P. Hess, MD, PhD

E. Scholar Presentation 7

Valeria Makeeva, MD

F. Scholar Presentation 8

Thomas S. C. Ng, MD, PhD

G. Scholar Presentation 9

Clayton W. Commander, MD, PhD

H. Scholar Presentation 10

Sina Houshmand, MD

I. Panel Discussion

* Faculty financial disclosures are located in the Faculty Index.

Friday 10:00 AM-12:00 PM**Session No. 418 • Peale
ARRALD Program 7 (Closed Program)**

AMA PRA Category 1 Credits™: 2.00

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 improvements.

A. Leadership: Putting It All Together

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

Friday 10:00 AM-12:00 PM**APCR Foundation Course, Part 1 (Closed Course) •
Holiday Ballroom 3****Friday 11:00 AM-11:30 AM****Session No. 420 • Holiday Ballrooms 1-2
Case Review: Musculoskeletal Imaging (T)**

AMA PRA Category 1 Credit™: .50

MK **ED**

Kevin D. Hiatt, MD, Moderator
Netanel S. Berko, MD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in musculoskeletal imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Friday 11:30 AM-1:00 PM**Session No. 421 • Key Ballroom 4
AUR Faculty Development Program Lunch and Keynote (Closed Program)**

AMA PRA Category 1 Credits™: 1.50

ED **LM****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.

A. Pursuing a Career of Significance

Richard B. Gunderman, MD, PhD

Friday 12:15 PM-1:15 PM**Session No. 422 • Holiday Ballrooms 4-5
Scientific and Health Policy Research: Lunch and Keynote (R)
(Supported by the American College of Radiology)**

AMA PRA Category 1 Credit™: 1.00

HP **ED**

Rathan M. Subramaniam, 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. ACR Radiology Economics Update 2019 and Future Forecast

Gregory N. Nicola, MD

Friday 1:00 PM-1:30 PM**Session No. 423 • Holiday Ballrooms 1-2
Case Review: Breast Imaging (T)**

AMA PRA Category 1 Credit™: .50

BR **ED**

Kevin D. Hiatt, MD, Moderator
Biren A. Shah, MD*

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in breast imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Friday 1:00 PM-2:00 PM**Session No. 425 • Johnson
AUR Academic Faculty Development Program (Closed Program)**

AMA PRA Category 1 Credit™: 1.00

ED **LM****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.

A. Service to Radiology Organizations

C. Matthew Hawkins, MD

B. Technology Development in Radiology

Srini Tridandapani, MD, PhD*

Friday 1:00 PM-2:30 PM**Alliance of Academic Musculoskeletal Radiologists
Special Interest Group Meeting • Tubman****Friday 1:00 PM-2:30 AM****ADVICER Special Interest Group Meeting • Paca**

* Faculty financial disclosures are located in the Faculty Index.

Friday 1:00 PM-3:00 PM

Session No. 424 • Key Ballroom 12
Teaching Certificate Program (E)

AMA PRA Category 1 Credits™: 2.00

ED LM AI

Ana P. Lourenco, MD, Moderator
 Harprit S. Bedi, MD, Moderator

LEARNING OBJECTIVES

1) Describe utility of 3D printed models in simulation of radiological procedures and clarifying complex anatomy encountered in pediatric imaging studies. 2) Discuss how to enhance residency training by developing IT dashboards to deliver real-time quantitative data and professional development programs for noninterpretative skill enhancement. 3) Explain how concepts presented can be used to engage millennial learners during daily conference.

A. Teaching Radiology Trainees From the Perspective of a Millennial

Mary H. Scanlon, MD

B. Precision Training: Harnessing Technology for Formative Feedback and Professional Development Pathways

Pamela T. Johnson, MD*

C. Machine Learning and Artificial Intelligence in Radiology Education

Shahein H. Tajmir, MD

D. Using 3D Printing in Radiology Education

Sanjay P. Prabhu, MBBS, FRCR*

Friday 1:00 PM-3:00 PM

APCR Foundation Course, Part 2 (Closed Course) •
Holiday Ballroom 3

Friday 1:15 PM-3:00 PM

Session No. 427 • Holiday Ballrooms 4-5
Scientific and Health Policy Research, Part 3: Outcomes Research for Early Investigators (R)

(Supported by the American College of Radiology)

AMA PRA Category 1 Credits™: 1.75

HP ED

Stella K. Kang, MD*, Moderator

LEARNING OBJECTIVES

1) Identify the major goals of health services research. 2) Develop study designs for outcomes research. 3) Recognize key research methods for quality improvement in health care and imaging.

A. Health Services Research: An Overview (1:15 PM-1:35 PM)

Christoph I. Lee, MD*

B. Outcomes Research Methods for Imagers (1:35 PM-2:05 PM)

Stella K. Kang, MD*

C. Research in Health Care Quality (2:05 PM-2:35 PM)

Marta E. Heilbrun, MD

D. Health Services Research Opportunities and Career Development (2:35 PM-3:00 PM)

Stella K. Kang, MD*
 Marta E. Heilbrun, MD
 Christoph I. Lee, MD*

Friday 1:30 PM-2:00 PM

Session No. 426 • Holiday Ballrooms 1-2
Case Review: Genitourinary Imaging (T)

AMA PRA Category 1 Credit™: .50

GU ED

Kevin D. Hiatt, MD, Moderator
 Neil J. Hansen, MD

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in genitourinary imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

Friday 1:30 PM-3:00 PM

Session No. 428 • Key Ballroom 9
Succession Planning: Vignettes of Transition (L)

AMA PRA Category 1 Credits™: 1.50

ED LM ARLM

Alexander Norbash, MD*, Moderator
 M. Elizabeth Oates, MD, Moderator

LEARNING OBJECTIVES

1) List key concepts for success with leadership transition. 2) Recognize pitfalls when taking on a new role. 3) Discuss the next leadership transition.

A. Chief Resident Transition: What I Wished I Had Learned in the Hand-Off (1:30 PM-1:50 PM)

David M. Theriot, MD

B. Journal Editor Transition, I (1:50 PM-2:10 PM)

N. Reed Dunnick, MD*

C. Journal Editor Transition, II (2:10 PM-2:30 PM)

Ruth C. Carlos, MD

D. Interim to Permanent Chair: What Changes? (2:30 PM-3:00 PM)

Kristen K. DeStigter, MD

Friday 2:00 PM-2:30 PM

Session No. 429 • Holiday Ballrooms 1-2
Case Review: Gastrointestinal Imaging (T)

AMA PRA Category 1 Credit™: .50

GI ED

Kevin D. Hiatt, MD, Moderator
 Shane A. Wells, MD*

LEARNING OBJECTIVES

1) Discuss common and uncommon cases in gastrointestinal imaging. 2) Develop a rapid-fire case-based format to maximize resident education. 3) Explain key imaging findings and interpretative teaching points for cases and relevant differential diagnosis.

* Faculty financial disclosures are located in the Faculty Index.

Friday 2:30 PM-4:30 PM**Session No. 430 • Johnson****AUR Academic Faculty Development Program (Closed Program)***AMA PRA Category 1 Credits™: 2.00*

Richard B. Gunderman, MD, PhD, Moderator

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.

A. Mid-Career Roundtable: How to Attain and Maintain Academic Productivity (2:30 PM-3:30 PM)

Eric J. Stern, MD

Aine M. Kelly, MD, MS

B. Habits of Highly Effective Mentees (3:30 PM-4:00 PM)

Monica M. Sheth, MD

C. Putting It All Together: The Pursuit of Excellence

Richard B. Gunderman, MD, PhD

Friday 6:00 PM-7:00 PM**Annual Banquet Cocktail Reception • Holiday Ballroom Foyer****Friday 7:00 PM-9:00 PM****Annual Banquet and Awards Ceremony • Holiday Ballrooms 4-5**

Affinity Group/Society Programs At-a-Glance

A³CR² At-a-Glance



Tuesday, April 9, 2019

Time	Session	Room
7:30-8:00 AM	Chief Resident Welcome & Survey Results (Session 102) (T)	Holiday Ballrooms 1-2
8:00-9:30 AM	AUR Plenary Session (Session 103) (R E A L T)	Holiday Ballrooms 4-6
10:00-10:30 AM	Tips for Aspiring Educators - A Resident's Guide (Session 104) (T)	Holiday Ballrooms 1-2
10:30-11:00 AM	Case Review: Head and Neck Radiology (Session 108) (T)	Holiday Ballrooms 1-2
11:00-11:30 AM	First Year in Practice - Setting Yourself Up for Success (Session 109) (T)	Holiday Ballrooms 1-2
12:00-1:00 PM	A ³ CR ² Networking Lunch (A ³ CR ² Members Only) (Session 110)	Key Ballroom 1
1:00-2:30 PM	ABR Update (Session 113) (E A)	Holiday Ballrooms 4-6
3:00-3:30 PM	Case Review: Cardiac Imaging (Session 118) (T)	Holiday Ballrooms 1-2
3:30-4:30 PM	Idea Forum (A ³ CR ² Members Only) (Session 123) (T)	Holiday Ballrooms 1-2
4:30-5:00 PM	Case Review: Vascular & Interventional Radiology (Session 125) (T)	Holiday Ballrooms 1-2

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) (E)	Holiday Ballrooms 4-6
10:00-11:30 AM	Leadership Track 1: Mentorship and Sponsorship (Session 206) (L)	Holiday Ballrooms 1-2
2:00-2:30 PM	Conflict Resolution – For Training and Beyond (Session 216) (T)	Holiday Ballrooms 1-2
2:30-3:00 PM	Case Review: Ultrasound (Session 222) (T)	Holiday Ballrooms 1-2
3:00-3:30 PM	Case Review: Neuroradiology (Session 223) (T)	Holiday Ballrooms 1-2
4:00-4:30 PM	Case Review: Physics (Session 227) (T)	Holiday Ballrooms 1-2
4:30-5:30 PM	Problem Solving (A ³ CR ² members only) (Session 230) (T)	Holiday Ballrooms 1-2
5:30-6:30 PM	A ³ CR ² /APDR/SCARD/APCR/RSNA Beer and Pretzels Reception	Key Ballroom Foyer

A³CR² At-a-Glance *(continued)*

Thursday, April 11, 2019

8:00-8:30 AM	Case Review: Nuclear Medicine (Session 303) T	Holiday Ballrooms 1-2
8:30-9:30 AM	Partnering with the ACR - Residency and Beyond (Session 309) T	Holiday Ballrooms 1-2
10:00-11:30 AM	Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310) L	Holiday Ballrooms 4-6
3:00-4:30 PM	Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317) E A	Holiday Ballrooms 4-6
4:30-5:00 PM	A ³ CR ² Business Meeting and Elections	Holiday Ballrooms 1-2

Friday, April 12, 2019

8:00-8:30 AM	Case Review: Thoracic Imaging (Session 405) T	Holiday Ballrooms 1-2
8:30-9:00 AM	Case Review: Pediatric Imaging (Session 410) T	Holiday Ballrooms 1-2
9:00-9:30 AM	LGBT101: What We Should Know Beyond Preferred Pronouns T (Session 412)	Holiday Ballrooms 1-2
10:00-11:00 AM	Helpful Tips for the Successful Educator (Session 413) T	Holiday Ballrooms 1-2
11:00-11:30 AM	Case Review: Musculoskeletal Imaging (Session 420) T	Holiday Ballrooms 1-2
1:00-1:30 PM	Case Review: Breast Imaging (Session 423) T	Holiday Ballrooms 1-2
1:30-2:00 PM	Case Review: Genitourinary Imaging (Session 426) T	Holiday Ballrooms 1-2
2:00-2:30 PM	Case Review: Gastrointestinal Imaging (Session 429) T	Holiday Ballrooms 1-2

ACER At-a-Glance



Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) R E A L T	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 1: Innovation (Session 105) E	Holiday Ballrooms 4-6

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 2: Professionalism and Communication (Session 207) E	Holiday Ballrooms 4-6
2:00-3:30 PM	Practical Tips for Succeeding as a Clinician-Educator (Session 218) E	Key Ballroom 12

Thursday, April 11, 2019

8:00-9:30 AM	Education Track 3: Enhancing Learning and Enrichment (Session 304) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310) L	Holiday Ballrooms 4-6
3:00-4:30 PM	Generations X, Y, and Z: New Education Techniques for Current and Future Learners (Session 318) E	Key Ballroom 12
5:00-5:30 PM	ACER Business Meeting	Holiday Ballroom 3
5:30-6:30 PM	AMSER/ACER Reception and Open House	Holiday Ballroom 3

Friday, April 12, 2019

8:00-9:30 AM	Negotiating Conflict at Work (Interactive Workshop 1) (Preregistration Required) (Session 407) E	Key Ballroom 11
8:00-9:30 AM	Implicit Bias in Recruitment and Education (Interactive Workshop 2) (Preregistration Required) (Session 408) E	Key Ballroom 10
10:00-11:30 AM	Creating Podcasts and Screencasts (Interactive Workshop 3) (Preregistration Required) (Session 414) E	Key Ballroom 11
10:00-11:30 AM	Giving Difficult Feedback (Interactive Workshop 4) (Preregistration Required) (Session 415) E	Key Ballroom 10

Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) R E A L T	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 1: Innovation (Session 105) E	Holiday Ballrooms 4-6
1:00-2:30 PM	Leading Faculty Development in Education in Your Department (Session 114) E	Key Ballroom 11
3:00-4:30 PM	Creative Teaching Techniques (Session 120) E	Key Ballroom 11

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 2: Professionalism and Communication (Session 207) E	Holiday Ballrooms 4-6
2:00-3:30 PM	AMSCR Program 1: Residents as Teachers (Session 221) A	Ruth
4:00-5:00 PM	AMSER Members and Business Meeting	Key Ballroom 12

Thursday, April 11, 2019

8:00-9:30 AM	Education Track 3: Enhancing Learning and Enrichment (Session 304) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310) L	Holiday Ballrooms 4-6
10:00-11:30 AM	AMSCR Program 2: Best Practices and Optimizing Your Role as a Clerkship Coordinator (Session 312) A	Ruth
3:00-4:30 PM	Generations X, Y, and Z: New Education Techniques for Current and Future Learners (Session 318) E	Key Ballroom 12
5:30-6:30 PM	AMSER/ACER Reception and Open House	Holiday Ballroom 3

Friday, April 12, 2019

8:00-9:30 AM	Negotiating Conflict at Work (Interactive Workshop 1) (Preregistration Required) (Session 407) E	Key Ballroom 11
8:00-9:30 AM	Implicit Bias in Recruitment and Education (Interactive Workshop 2) (Preregistration Required) (Session 408) E	Key Ballroom 10
10:00-11:30 AM	Creating Podcasts and Screencasts (Interactive Workshop 3) (Preregistration Required) (Session 414) E	Key Ballroom 11
10:00-11:30 AM	Giving Difficult Feedback (Interactive Workshop 4) (Preregistration Required) (Session 415) E	Key Ballroom 10

RAHSR At-a-Glance

Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) REALT	Holiday Ballrooms 4-6
10:00-11:30 AM	Research Track 1: Biostatistics II (Session 107) R	Key Ballroom 10
1:00-2:30 PM	Informatics and the Learning Healthcare System (Session 115) R	Key Ballroom 10
3:00-4:30 PM	Multidisciplinary Collaborations for High Impact Outcomes Research (Session 121) R	Key Ballroom 10

Wednesday, April 10, 2019

10:00-11:30 AM	Artificial Intelligence: Transforming the Delivery of Diagnostic Care (Session 209) R	Key Ballroom 10
2:00-4:00 PM	GERRAF: Research in Progress 1 (Session 219) R	Key Ballroom 11
5:00-5:30 PM	RAHSR Business Meeting	Latrobe

Thursday, April 11, 2019

8:00-9:30 AM	Research Track 2: Preparing for and Performing Research (Session 306) R	Key Ballroom 10
3:00-5:00 PM	GERRAF: Research in Progress 2 (Session 319) R	Key Ballroom 11

Friday, April 12, 2019

8:00-9:30 AM	Scientific and Health Policy Research, Part 1: Scholar Presentations and Mentoring Program (Session 409) R	Holiday Ballrooms 4-5
10:00 AM-12:00 PM	Scientific and Health Policy Research, Part 2: Scholar Presentations and Mentoring Program (Session 416) R	Holiday Ballrooms 4-5
12:15-1:15 PM	Scientific and Health Policy Research: Lunch and Keynote (Session 422) R	Holiday Ballrooms 4-5
1:15-3:00 PM	Scientific and Health Policy Research, Part 3: Outcomes Research for (Session 427) R	Holiday Ballrooms 4-5

RRA At-a-Glance

Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) REALT	Holiday Ballrooms 4-6
10:00-11:30 AM	Research Track 1: Biostatistics II (Session 107) R	Key Ballroom 10
1:00-2:30 PM	RRA Task Force Reports, Part 1 (Session 116) R	Key Ballroom 12
5:30-6:00 PM	RRA Business Meeting	Ruth

Wednesday, April 10, 2019

8:00-9:30 AM	RRA Research Boot Camp - Designing a Better Future through Radiology Research (Session 205) R	Key Ballroom 10
2:00-3:30 PM	RRA Task Force Reports, Part 2 (Session 220) R	Key Ballroom 10

Thursday, April 11, 2019

8:00-9:30 AM	Research Track 2: Preparing for and Performing Research (Session 306) R	Key Ballroom 10
4:30-5:30 PM	Research Mentoring Event	Tubman

Friday, April 12, 2019

8:00-9:30 AM	Scientific and Health Policy Research, Part 1: Scholar Presentation and Mentoring Program (Session 409) R	Holiday Ballrooms 4-5
10:00 AM-12:00 PM	Scientific and Health Policy Research, Part 2: Scholar Presentations and Mentoring Program (Session 416) R	Holiday Ballrooms 4-5
12:15-1:15 PM	Scientific and Health Policy Research: Lunch and Keynote (Session 422) R	Holiday Ballrooms 4-5
1:15-3:00 PM	Scientific and Health Policy Research, Part 3: Outcomes Research for Early Investigators (Session 427) R	Holiday Ballrooms 4-5

APDR At-a-Glance



Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) R E A L T	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 1: Innovation (Session 105) E	Holiday Ballrooms 4-6
1:00-2:30 PM	ABR Update (Session 113) E A	Holiday Ballrooms 4-6
3:00-4:30 PM	Radiology Training Program Open Mic Session (Session 119) E A	Holiday Ballrooms 4-6
4:30-5:30 PM	IR/DR Hot Topics (Session 126) E	Holiday Ballrooms 4-6

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Education Track 2: Professionalism and Communication (Session 207) E	Holiday Ballrooms 4-6
2:00-3:30 PM	RRC Update (Session 217) E A	Holiday Ballrooms 4-6
4:00-5:30 PM	Hot Topics in Radiology Residency Training (Session 228) E A	Holiday Ballrooms 4-6
5:30-6:30 PM	A ³ CR ² /APDR/SCARD/APCR/RSNA Beer and Pretzels Reception	Key Ballroom Foyer

Thursday, April 11, 2019

8:00-9:30 AM	Education Track 3: Enhancing Learning and Enrichment (Session 304) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310) L	Holiday Ballrooms 4-6
3:00-4:30 PM	Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317) E A	Holiday Ballrooms 4-6
4:30-5:00 PM	APDR Business Meeting	Key Ballroom 9

Friday, April 12, 2019

7:00-8:00 AM	Educational Innovation (Session 401) E A	Holiday Ballrooms 1-2
1:00-3:00 PM	Teaching Certificate Program (Session 424) E	Key Ballroom 12

APCR At-a-Glance



Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) (R E A L T)	Holiday Ballrooms 4-6
10:00-11:30 AM	The Wellness Committee Presents: "Back to the Future," Take Your Wellness from Zero to Hero (Session 106) (A)	Key Ballroom 12
1:00-2:30 PM	ABR Update (Session 113) (E A)	Holiday Ballrooms 4-6
3:00-4:30 PM	APCR Member Meeting 1	Key Ballroom 12

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) (E)	Holiday Ballrooms 4-6
10:00-11:30 AM	The Future of Coordinator Leadership: Projecting Your Role and Influencing Others (Session 208) (A)	Key Ballroom 12
12:00-1:30 PM	APCR Lunch	Key Ballroom 9
2:00-3:30 PM	RRC Update (Session 217) (E A)	Holiday Ballrooms 4-6
4:00-5:30 PM	Hot Topics in Radiology Residency Training (Session 228) (E A)	Holiday Ballrooms 4-6
5:30-6:30 PM	A ³ CR ² /APDR/SCARD/APCR/RSNA Beer and Pretzels Reception (Session 232)	Key Ballroom Foyer

Thursday, April 11, 2019

8:00-9:30 AM	Best Practices of APCR Membership for Future Success (Session 305) (A)	Key Ballroom 12
10:00-11:00 AM	RRC Update for Coordinators (Session 327) (A)	Key Ballroom 12
11:00 AM-12:00 PM	APCR Member Meeting 2	Key Ballroom 12
3:00-4:30 PM	Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317) (E A)	Holiday Ballrooms 4-6

Friday, April 12, 2019

7:00-8:00 AM	Educational Innovation (Session 401) (E A)	Holiday Ballrooms 1-2
8:00-9:30 AM	Facing the Future: Change Management in Radiology (Session 406) (A)	Key Ballroom 12
10:00 AM-12:00 PM	APCR Foundation Course, Part 1 (Closed Program) (Session 435)	Holiday Ballroom 3
1:00-3:00 PM	APCR Foundation Course, Part 2 (Closed Program) (Session 436)	Holiday Ballroom 3

SCARD At-a-Glance

SCARD

Tuesday, April 9, 2019

Time	Session	Room
8:00-9:30 AM	AUR Plenary Session (Session 103) R E A L T	Holiday Ballrooms 4-6

Wednesday, April 10, 2019

8:00-9:30 AM	AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204) E	Holiday Ballrooms 4-6
10:00-11:30 AM	Leadership Track 1: Mentorship and Sponsorship (Session 206) L	Holiday Ballrooms 1-2
5:30-6:30 PM	A ³ CR ² /APDR/SCARD/APCR/RSNA Beer and Pretzels Reception	Key Ballroom Foyer

Thursday, April 11, 2019

10:00-11:30 AM	Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310) L	Holiday Ballrooms 4-6
3:00-4:30 PM	Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317) E A	Holiday Ballrooms 4-6

Friday, April 12, 2019

7:00-8:00 AM	SCARD Business Meeting and Breakfast	Key Ballroom 4
8:00-9:30 AM	Leadership Track 2: Recruiting our Future Workforce, Part 1 (Session 404) L	Key Ballroom 9
10:00-11:30 AM	Recruiting Our Future Workforce, Part 2: Recruiting 2.0 (Session 417) L	Key Ballroom 9
1:30-3:00 PM	Succession Planning: Vignettes of Transition (Session 428) L	Key Ballroom 9