**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.

- **ARRALD** indicates programming of special interest to ARRALD participants.
- **ARLM** indicates qualifying session for the Academy of Radiology Leadership and Management.

**Research Session**

**Education Session**

**Administration Session**

**Leadership Session**

**Training Session**

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**Tuesday, April 9, 2019**

**Tuesday 7:00 AM-8:00 AM**

**Session No. 101 • Peale**

ARRALD Program 1 (Closed Program)

**AMA PRA Category 1 Credits**: 1.00

**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

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**Tuesday 7:30 AM-8:00 AM**

**Session No. 102 • Holiday Ballrooms 1-2**

Chief Resident Welcome & Survey Results

**AMA PRA Category 1 Credits**: .50

**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

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**Tuesday 8:00 AM-9:30 AM**

**Session No. 103 • Holiday Ballrooms 4-6**

AUR Plenary Session

**AMA PRA Category 1 Credits**: 1.50

**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.

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**Tuesday 9:30 AM-10:00 AM**

Break • Key Ballrooms 7-8

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**Tuesday 10:00 AM-10:30 AM**

**Session No. 104 • Holiday Ballrooms 1-2**

Tips for Aspiring Educators-A Resident’s Guide

**AMA PRA Category 1 Credits**: .50

**LEARNING OBJECTIVES**

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

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**Tuesday 10:00 AM-11:30 AM**

**Session No. 105 • Holiday Ballrooms 4-6**

Education Track 1: Innovation

**AMA PRA Category 1 Credits**: 1.50

**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.

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* 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 “-Omic,” 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. 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

A. ROC Analysis  
Elizabeth A. Krupinski, PhD

B. Diagnostic and Prognostic Studies  
David M. Naeger, MD

Tuesday 10:30 AM-11:00 AM

Session No. 108 • Holiday Ballrooms 1-2  
Case Review: Head and Neck Radiology

A. ROC Analysis  
Elizabeth A. Krupinski, PhD

B. Diagnostic and Prognostic Studies  
David M. Naeger, MD

Tuesday 11:00 AM-11:30 AM

Session No. 109 • Holiday Ballrooms 1-2  
First Year in Practice – Setting Yourself Up for Success

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

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
AMA PRA Category 1 Credits™, 1.50

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
AMA PRA Category 1 Credits™, 1.50

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. DeBenedectis, 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
AMA PRA Category 1 Credits™, 1.50

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
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 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
AMA PRA Category 1 Credit™. 50

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
AMA PRA Category 1 Credits™. 150

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
AMA PRA Category 1 Credit™. 150

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
AMA PRA Category 1 Credit™. 150

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)
AMA PRA Category 1 Credit™. 1.00

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.
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<tr>
<th>Time</th>
<th>Session No.</th>
<th>Location</th>
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<th>Moderator</th>
<th>Panelists</th>
<th>Learning Objectives</th>
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<td>Tuesday 4:00 PM</td>
<td>124</td>
<td>Peale</td>
<td>ARRALD Program 3 (Closed Program)</td>
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<td>Jadranka Stojanovska, MD, Moderator</td>
<td>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</td>
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<td>Tuesday 4:30 PM</td>
<td>125</td>
<td>Holiday Ballrooms 1-2</td>
<td>Case Review: Vascular &amp; Interventional Radiology</td>
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<td>Kevin D. Hiatt, MD, Moderator</td>
<td>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.</td>
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<td>Tuesday 5:30 PM</td>
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<td>Holiday Ballrooms 4-6</td>
<td>IR/DR Hot Topics</td>
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<td>Saher S. Sabri, MD, Moderator</td>
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* 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** | | |
|---|---|---|---|---|
| | | | | **AMA PRA Category 1 Credits™: 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  
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<td>AUR Radiology Management Program (Closed Program)</td>
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<td><strong>LEARNING OBJECTIVES</strong></td>
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<tr>
<td>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.</td>
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<tr>
<td><strong>A. Welcome and Overview</strong></td>
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<td>Pablo R. Ros, MD, MPH</td>
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<td><strong>B. Case 1: The Hunger Games: Productivity-based Compensation Plan for Academic Radiologists</strong></td>
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</table>
| Pablo R. Ros, MD, MPH  
| Kristen K. DeStigter, MD |

#### Wednesday 8:00 AM-9:30 AM

| Session No. 204 • Holiday Ballrooms 4-6  
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<td>AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education</td>
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</table>
| 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  
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<tr>
<td>RRA Research Boot Camp - Designing a Better Future through Radiology Research**</td>
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</table>
| 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  
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<td>Leadership Track 1: Mentorship and Sponsorship</td>
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</table>
| 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  

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Wednesday 10:00 AM-11:45 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  

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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  

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Wednesday 10:00 AM-12:00 PM  

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  

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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**  
**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  

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* 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

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

**Wednesday 1:00 PM-2:30 PM**

Session No. 215 • Johnson

AUR Radiology Management Program (Closed Program)

**Wednesday 2:00 PM-2:30 PM**

Session No. 216 • Holiday Ballrooms 1-2

Conflict Resolution – For Training and Beyond

**Wednesday 2:00 PM-3:30 PM**

Session No. 217 • Holiday Ballrooms 4-6

RRC Update

**Wednesday 2:00 PM-3:30 PM**

Session No. 218 • Key Ballroom 12

Practical Tips for Succeeding as a Clinician-Educator

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**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.

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**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.

**Case 3: Practice Quality Improvement: Where Do I Start?**

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

**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. 220 • Key Ballroom 10
**RRA Task Force Reports, Part 2**

**AMA PRA Category 1 Credits**: 1.50

<table>
<thead>
<tr>
<th>ED</th>
<th>LM</th>
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</table>
| Soterios Gyftopoulos, MD, Moderator  
Summer J. Decker, PhD, Moderator |

**A. Make Learning Fun: Gaming in Radiology Education**
- Omer A. Awai, 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**

| Laura D. Pawlak, Moderator  
| Toshia C. Feldkamp, Moderator  
| Carol K. Dowdle, BA, Moderator  
| Kathleen McDermott, JD, Moderator  
| Ryan B. Peterson, MD |

### Wednesday 2:00 PM-4:00 PM

#### Session No. 219 • Key Ballroom 11
**GERRAF: Research in Progress 1**

**AMA PRA Category 1 Credits**: 2.00

**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**

**AMA PRA Category 1 Credit**: 0.50

| Steven 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 2:30 PM-4:00 PM

#### Session No. 225 • Johnson
**ARRALD Program 5 (Closed Program)**

**AMA PRA Category 1 Credits**: 2.50

**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 Case**
- James V. Rawson, MD  
- Ruth C. Carlos, MD

### Wednesday 3:00 PM-3:30 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™: 0.50

**PH ED**

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

**ED RS**

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 Credit™: 1.50

**ED (ARLM)**

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

**ED**

Allison O. Backer, DO, Moderator
Peter J. Massa, MD, Moderator
Robert H. Andrews, MD
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
AMA PRA Category 1 Credits™: 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
AMA PRA Category 1 Credits™: 0.50

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 interpretive 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
AMA PRA Category 1 Credits™: 1.50

Pamela W. Schaefner, 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. Schaefner, 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. Sheh, MD

Thursday 8:00 AM-9:30 AM

Session No. 305 • Key Ballroom 12
Best Practices of APCR Membership for Future Success
AMA PRA Category 1 Credits™: 1.50

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
AMA PRA Category 1 Credits™: 1.50

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 Réylea-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

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
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

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<td>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.</td>
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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

AMA PRA Category 1 Credits™: 1.00

| Farouk Dako, MD, Moderator  
Amy K. Patel, MD  
Ted Burns | LEARNING OBJECTIVES |  |
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<tr>
<td>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.</td>
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### 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

AMA PRA Category 1 Credits™: 1.00

<table>
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<tr>
<th>Felicia Davis</th>
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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®

### Thursday 10:00 AM-11:30 AM

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

AMA PRA Category 1 Credits™: 1.50

| 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 |  |
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<tr>
<td>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.</td>
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### Thursday 10:00 AM-12:00 PM

**Session No. 311 • Johnson**  
AUR Radiology Management Program (Closed Program)  
AMA PRA Category 1 Credits™: 2.00

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<td>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.</td>
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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 SCHEDULE

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
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 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
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
AMA PRA Category 1 Credits™: 1.50

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

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.

Friday 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

* Faculty financial disclosures are located in the Faculty Index.
Thursday 3:00 PM-4:30 PM

Session No. 320 • Key Ballroom 10
Educaing the Future: Radiologists, Patients, and Machines

AMA PRA Category 1 Credits™, 1.50

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

AMA PRA Category 1 Credits™, 1.50

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

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

AMA PRA Category 1 Credits

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 8:00 AM-9:30 AM

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

AMA PRA Category 1 Credits

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 and understand the impact on programs. 3) 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

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

Friday 8:00 AM-9:30 AM

Session No. 408 • Key Ballroom 10
Implicit Bias in Recruitment and Education (Interactive Workshop 2)
(Preregistration Required)
AME PRA Category 1 Credit™: 1.50

Friday 8:30 AM-9:30 AM

Session No. 411 • Johnson
AUR Academic Faculty Development Program (Closed Program)
AME PRA Category 1 Credit™: 1.00

Friday 9:00 AM-9:30 AM

Session No. 412 • Holiday Ballrooms 1-2
LGBT101: What We Should Know Beyond Preferred Pronouns
AME PRA Category 1 Credit™: .50

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
AME PRA Category 1 Credit™: 1.00

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

**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

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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

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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.

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**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

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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.

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**Friday 10:00 AM-11:30 AM**

**Session No. 419 • Johnson**
AUR Faculty Development Program (Closed Program)
AMA PRA Category 1 Credits™: 1.50

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Felix S. Chew, MD, MBA, Moderator
Brandon P. Brown, MD, MA, Moderator
Richard B. Gunderman, MD, PhD, Moderator
Monica M. Sheeh, 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.

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**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
(Supported by the American College of Radiology)
AMA PRA Category 1 Credits™: 2.00

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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.

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**Friday 10:00 AM-12:00 PM**

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

Friday 10:00 AM-12:00 PM

Session No. 418 • Peale
ARRALD Program 7 (Closed Program)
AMA PRA Category 1 Credits™: 2.00
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
AMA PRA Category 1 Credits™: 0.50
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
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 (Supported by the American College of Radiology)
AMA PRA Category 1 Credits™: 1.00
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
AMA PRA Category 1 Credits™: 0.50
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 Credits™: 1.00
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

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 (Supported by the American College of Radiology)

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. 429 • Holiday Ballrooms 1-2
Case Review: Gastrointestinal Imaging

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.

Friday 1:30 PM-3:00 PM

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

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: Genitourinary Imaging

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.

* 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 Credit™: 2.00

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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
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<tbody>
<tr>
<td>7:30-8:00 AM</td>
<td>Chief Resident Welcome &amp; Survey Results (Session 102)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-10:30 AM</td>
<td>Tips for Aspiring Educators - A Resident’s Guide (Session 104)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>10:30-11:00 AM</td>
<td>Case Review: Head and Neck Radiology (Session 108)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>11:00-11:30 AM</td>
<td>First Year in Practice - Setting Yourself Up for Success (Session 109)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>12:00-1:00 PM</td>
<td>A³CR² Networking Lunch (A³CR² Members Only) (Session 110)</td>
<td>Key Ballroom 1</td>
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<tr>
<td>1:00-2:30 PM</td>
<td>ABR Update (Session 113)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>3:00-3:30 PM</td>
<td>Case Review: Cardiac Imaging (Session 118)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>3:30-4:30 PM</td>
<td>Idea Forum (A³CR² Members Only) (Session 123)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>4:30-5:00 PM</td>
<td>Case Review: Vascular &amp; Interventional Radiology (Session 125)</td>
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<tr>
<td>8:00-9:30 AM</td>
<td>AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Leadership Track 1: Mentorship and Sponsorship (Session 206)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>2:00-2:30 PM</td>
<td>Conflict Resolution – For Training and Beyond (Session 216)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>2:30-3:00 PM</td>
<td>Case Review: Ultrasound (Session 222)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>3:00-3:30 PM</td>
<td>Case Review: Neuroradiology (Session 223)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>4:00-4:30 PM</td>
<td>Case Review: Physics (Session 227)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>4:30-5:30 PM</td>
<td>Problem Solving (A³CR² members only) (Session 230)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>5:30-6:30 PM</td>
<td>A³CR²/APDR/SCARD/APCR/RNSA Beer and Pretzels Reception</td>
<td>Key Ballroom Foyer</td>
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### A³CR² At-a-Glance (continued)

#### Thursday, April 11, 2019

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<tbody>
<tr>
<td>8:00-8:30 AM</td>
<td>Case Review: Nuclear Medicine (Session 303)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>8:30-9:30 AM</td>
<td>Partnering with the ACR - Residency and Beyond (Session 309)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>3:00-4:30 PM</td>
<td>Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>4:30-5:00 PM</td>
<td>A³CR² Business Meeting and Elections</td>
<td>Holiday Ballrooms 1-2</td>
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#### Friday, April 12, 2019

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

## Tuesday, April 9, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Education Track 1: Innovation (Session 105)</td>
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<td>10:00-11:30 AM</td>
<td>Education Track 2: Professionalism and Communication (Session 207)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>2:00-3:30 PM</td>
<td>Practical Tips for Succeeding as a Clinician-Educator (Session 218)</td>
<td>Key Ballroom 12</td>
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## Thursday, April 11, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Education Track 3: Enhancing Learning and Enrichment (Session 304)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Generations X, Y, and Z: New Education Techniques for Current and Future Learners (Session 318)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>5:00-5:30 PM</td>
<td>ACER Business Meeting</td>
<td>Holiday Ballroom 3</td>
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<tr>
<td>5:30-6:30 PM</td>
<td>AMSER/ACER Reception and Open House</td>
<td>Holiday Ballroom 3</td>
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## Friday, April 12, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Negotiating Conflict at Work (Interactive Workshop 1) (Preregistration Required) (Session 407)</td>
<td>Key Ballroom 11</td>
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<tr>
<td>8:00-9:30 AM</td>
<td>Implicit Bias in Recruitment and Education (Interactive Workshop 2) (Preregistration Required) (Session 408)</td>
<td>Key Ballroom 10</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Creating Podcasts and Screencasts (Interactive Workshop 3) (Preregistration Required) (Session 414)</td>
<td>Key Ballroom 11</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Giving Difficult Feedback (Interactive Workshop 4) (Preregistration Required) (Session 415)</td>
<td>Key Ballroom 10</td>
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## AMSER At-a-Glance

**Tuesday, April 9, 2019**

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<td>Education Track 1: Innovation (Session 105)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>1:00-2:30 PM</td>
<td>Leading Faculty Development in Education in Your Department (Session 114)</td>
<td>Key Ballroom 11</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Creative Teaching Techniques (Session 120)</td>
<td>Key Ballroom 11</td>
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<td>Education Track 2: Professionalism and Communication (Session 207)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>2:00-3:30 PM</td>
<td>AMSCR Program 1: Residents as Teachers (Session 221)</td>
<td>Ruth</td>
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<tr>
<td>4:00-5:00 PM</td>
<td>AMSER Members and Business Meeting</td>
<td>Key Ballroom 12</td>
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<tr>
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<td>Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>AMSCR Program 2: Best Practices and Optimizing Your Role as a Clerkship Coordinator (Session 312)</td>
<td>Ruth</td>
</tr>
<tr>
<td>3:00-4:30 PM</td>
<td>Generations X, Y, and Z: New Education Techniques for Current and Future Learners (Session 318)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>5:30-6:30 PM</td>
<td>AMSER/ACER Reception and Open House</td>
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<td>Giving Difficult Feedback (Interactive Workshop 4) (Preregistration Required) (Session 415)</td>
<td>Key Ballroom 10</td>
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## RAHSR At-a-Glance

### Tuesday, April 9, 2019

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<tr>
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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Research Track 1: Biostatistics II (Session 107)</td>
<td>Key Ballroom 10</td>
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<tr>
<td>1:00-2:30 PM</td>
<td>Informatics and the Learning Healthcare System (Session 115)</td>
<td>Key Ballroom 10</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Multidisciplinary Collaborations for High Impact Outcomes Research</td>
<td>Key Ballroom 10</td>
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<tr>
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<td>(Session 121)</td>
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### Wednesday, April 10, 2019

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<tbody>
<tr>
<td>10:00-11:30 AM</td>
<td>Artificial Intelligence: Transforming the Delivery of Diagnostic Care</td>
<td>Key Ballroom 10</td>
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<tr>
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<td>(Session 209)</td>
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<tr>
<td>2:00-4:00 PM</td>
<td>GERRAF: Research in Progress 1 (Session 219)</td>
<td>Key Ballroom 11</td>
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<tr>
<td>5:00-5:30 PM</td>
<td>RAHSR Business Meeting</td>
<td>Latrobe</td>
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### Thursday, April 11, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Research Track 2: Preparing for and Performing Research</td>
<td>Key Ballroom 10</td>
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<tr>
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<td>(Session 306)</td>
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<tr>
<td>3:00-5:00 PM</td>
<td>GERRAF: Research in Progress 2 (Session 319)</td>
<td>Key Ballroom 11</td>
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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Scientific and Health Policy Research, Part 1: Scholar Presentations and Mentoring Program (Session 409)</td>
<td>Holiday Ballrooms 4-5</td>
</tr>
<tr>
<td>10:00 AM-12:00 PM</td>
<td>Scientific and Health Policy Research, Part 2: Scholar Presentations and Mentoring Program (Session 416)</td>
<td>Holiday Ballrooms 4-5</td>
</tr>
<tr>
<td>12:15-1:15 PM</td>
<td>Scientific and Health Policy Research: Lunch and Keynote (Session 422)</td>
<td>Holiday Ballrooms 4-5</td>
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<tr>
<td>1:15-3:00 PM</td>
<td>Scientific and Health Policy Research, Part 3: Outcomes Research for (Session 427)</td>
<td>Holiday Ballrooms 4-5</td>
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# RRA At-a-Glance

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<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Research Track 1: Biostatistics II (Session 107)</td>
<td>Key Ballroom 10</td>
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<tr>
<td>1:00-2:30 PM</td>
<td>RRA Task Force Reports, Part 1 (Session 116)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>5:30-6:00 PM</td>
<td>RRA Business Meeting</td>
<td>Ruth</td>
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## Wednesday, April 10, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>RRA Research Boot Camp - Designing a Better Future through Radiology Research (Session 205)</td>
<td>Key Ballroom 10</td>
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<tr>
<td>2:00-3:30 PM</td>
<td>RRA Task Force Reports, Part 2 (Session 220)</td>
<td>Key Ballroom 10</td>
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## Thursday, April 11, 2019

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<tr>
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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Research Track 2: Preparing for and Performing Research (Session 306)</td>
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<tr>
<td>4:30-5:30 PM</td>
<td>Research Mentoring Event</td>
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## Friday, April 12, 2019

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Scientific and Health Policy Research, Part 1: Scholar Presentation and Mentoring Program (Session 409)</td>
<td>Holiday Ballrooms 4-5</td>
</tr>
<tr>
<td>10:00 AM-12:00 PM</td>
<td>Scientific and Health Policy Research, Part 2: Scholar Presentations and Mentoring Program (Session 416)</td>
<td>Holiday Ballrooms 4-5</td>
</tr>
<tr>
<td>12:15-1:15 PM</td>
<td>Scientific and Health Policy Research: Lunch and Keynote (Session 422)</td>
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<tr>
<td>1:15-3:00 PM</td>
<td>Scientific and Health Policy Research, Part 3: Outcomes Research for Early Investigators (Session 427)</td>
<td>Holiday Ballrooms 4-5</td>
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# APDR At-a-Glance

## Tuesday, April 9, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>Education Track 1: Innovation (Session 105)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>1:00-2:30 PM</td>
<td>ABR Update (Session 113)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Radiology Training Program Open Mic Session (Session 119)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>4:30-5:30 PM</td>
<td>IR/DR Hot Topics (Session 126)</td>
<td>Holiday Ballrooms 4-6</td>
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## Wednesday, April 10, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Education Track 2: Professionalism and Communication (Session 207)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>2:00-3:30 PM</td>
<td>RRC Update (Session 217)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>4:00-5:30 PM</td>
<td>Hot Topics in Radiology Residency Training (Session 228)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>5:30-6:30 PM</td>
<td>ACR/APDR/SCARD/APCR/RSNA Beer and Pretzels Reception</td>
<td>Key Ballroom Foyer</td>
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## Thursday, April 11, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Education Track 3: Enhancing Learning and Enrichment (Session 304)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Brogdon Panel: Artificial Intelligence – Impact on Radiology Training and Education (Session 310)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>4:30-5:00 PM</td>
<td>APDR Business Meeting</td>
<td>Key Ballroom 9</td>
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<tbody>
<tr>
<td>7:00-8:00 AM</td>
<td>Educational Innovation (Session 401)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>1:00-3:00 PM</td>
<td>Teaching Certificate Program (Session 424)</td>
<td>Key Ballroom 12</td>
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# APCR At-a-Glance

## Tuesday, April 9, 2019

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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>The Wellness Committee Presents: “Back to the Future,” Take Your Wellness from Zero to Hero (Session 106)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>1:00-2:30 PM</td>
<td>ABR Update (Session 113)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>APCR Member Meeting 1</td>
<td>Key Ballroom 12</td>
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<td>8:00-9:30 AM</td>
<td>AMSER Lucy Squire and APDR-ACR Keynote Lecture: The Future of Medical Education (Session 204)</td>
<td>Holiday Ballrooms 4-6</td>
</tr>
<tr>
<td>10:00-11:30 AM</td>
<td>The Future of Coordinator Leadership: Projecting Your Role and Influencing Others (Session 208)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>12:00-1:30 PM</td>
<td>APCR Lunch</td>
<td>Key Ballroom 9</td>
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<tr>
<td>2:00-3:30 PM</td>
<td>RRC Update (Session 217)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>4:00-5:30 PM</td>
<td>Hot Topics in Radiology Residency Training (Session 228)</td>
<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>5:30-6:30 PM</td>
<td>A³CR²/ADCR/SCARD/APCR/RSNA Beer and Pretzels Reception (Session 232)</td>
<td>Key Ballroom Foyer</td>
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<tbody>
<tr>
<td>8:00-9:30 AM</td>
<td>Best Practices of APCR Membership for Future Success (Session 305)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>10:00-11:00 AM</td>
<td>RRC Update for Coordinators (Session 327)</td>
<td>Key Ballroom 12</td>
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<tr>
<td>11:00 AM-12:00 PM</td>
<td>APCR Member Meeting 2</td>
<td>Key Ballroom 12</td>
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<tr>
<td>3:00-4:30 PM</td>
<td>Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317)</td>
<td>Holiday Ballrooms 4-6</td>
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<td>7:00-8:00 AM</td>
<td>Educational Innovation (Session 401)</td>
<td>Holiday Ballrooms 1-2</td>
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<tr>
<td>8:00-9:30 AM</td>
<td>Facing the Future: Change Management in Radiology (Session 406)</td>
<td>Key Ballroom 12</td>
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<td>10:00 AM-12:00 PM</td>
<td>APCR Foundation Course, Part 1 (Closed Program) (Session 435)</td>
<td>Holiday Ballroom 3</td>
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<tr>
<td>1:00-3:00 PM</td>
<td>APCR Foundation Course, Part 2 (Closed Program) (Session 436)</td>
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## SCARD At-a-Glance

### Tuesday, April 9, 2019

<table>
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<tr>
<td>8:00-9:30 AM</td>
<td>AUR Plenary Session (Session 103)</td>
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<td>Holiday Ballrooms 4-6</td>
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<tr>
<td>10:00-11:30 AM</td>
<td>Leadership Track 1: Mentorship and Sponsorship (Session 206)</td>
<td>Holiday Ballrooms 1-2</td>
</tr>
<tr>
<td>5:30-6:30 PM</td>
<td>A³CR²/APDR/SCARD/APCR/RSNA Beer and Pretzels Reception</td>
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<td>3:00-4:30 PM</td>
<td>Problem Solving for Residents, Program Directors, Coordinators, and Chairs (Session 317)</td>
<td>Holiday Ballrooms 4-6</td>
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### Friday, April 12, 2019

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