

Spring Newsletter • March 2017

Dear Current, Past, and Rising Chief Residents in Radiology,



Thank you for reading Aspire, the societal newsletter of the American Alliance of Academic Chief Residents in Radiology (A3CR2), better known as the "A-cubed." Additionally, welcome to those chief

residents that are new to the A3!

On behalf of the Executive Committee it is my pleasure to invite you to the upcoming 65th annual Association of University Radiologists (AUR) meeting, which will take place at the Diplomat Beach Resort Hotel in Hollywood, Florida from May 8th-11th. The officers of the A³CR² and our faculty advisor, Dr. Peter Liu, have been working diligently to put together the chief resident programming for the upcoming meeting tailored to provide unique and exclusive opportunities for chief residents to enhance their development as leaders within the field of radiology now, and for years to come.

This year's meeting theme is "Leading Change and Bringing Value," an issue that becomes increasingly important within the dynamic field of radiology, as well as amidst the turbulent political healthcare landscape. The highlight of the meeting will be the annual Brogdon Panel featuring a variety of speakers addressing the topic of mergers/acquisitions and the evolving nature of academic medical centers. Amongst other issues, the discussion will include how these efforts of aggressive expansion will impact trainees and recent graduates entering the work force.

Additional chief resident specific programming will include a career panel featuring a variety of speakers from different practice backgrounds (academic, different sized private practice groups, teleradiology, and health care innovation/business) who can help lend perspective to the different career opportunities available within radiology and provide insight as to what employers are looking for in applicants. The speakers will also be a useful resource for sharing firsthand real world experiences and advice navigating the job market. In addition, the chief resident programming will contain lectures geared specifically towards professional development, touching on medical malpractice and physician contracts among other pertinent issues. There will also be brief updates from representatives of the ABR and ACR, as well as an opportunity to ask questions of these current leaders within radiology.

Also returning this year will be an informal open forum for discussion of issues and challenges facing chief residents. In the past these forums have explored call structure, board preparation, scheduling challenges, mini-fellowships, medical student recruitment, and the impact of the new IR/DR pathways. The open forum allows for the creative exchange of ideas and sharing of experiences and knowledge that many have found invaluable in years past.

Most importantly for many residents, the program will feature high yield, rapid, casebased review sessions encompassing the Core exam topics given by distinguished lectures within their respective fields. In addition to last year's topics, this year will also include a physics review session per popular request.

As if this were not enough, the meeting will be held in sunny Hollywood, Florida providing ample opportunity to enjoy the nearby beaches



The Diplomat Beach Resort, Hollywood, FL

with the exciting nightlife of Miami only a short drive away. On behalf of the Executive Committee, welcome once again, and we look forward to seeing you in May for what promises to be an enriching and enjoyable meeting!

Robert Hobohm, MD University of Cincinnati A³CR² President

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A³CR² MISSION

The American Alliance of Academic Chief Residents in Radiology is a robust community whose mission is to develop leadership skills in chief residents, to foster the collaboration of chief residents with one another and with the leaders of academic radiology, and to advance the interests of radiology residents in the affairs of organized medicine.

ONTHE HORIZON 2017 Meeting and A³CR² Overview

The 2017 meeting of the American Alliance for Academic Chief Residents in Radiology (A³CR²) will be held at the beautiful Diplomat Hotel in Hollywood, Florida. We hope you will be able to join us! As you know, the A³CR² is a professional organization affiliated with AUR that works closely with fantastic chief residents all



over the country to share experiences and insights, foster leadership skills, and develop professional networks. Each year the A³CR² provides chief residents a robust program of lectures, case series, panel talks, and group workshops with a wide variety of pertinent topics. This year is no exception!

The theme of this year's conference is "Leading Change and Bringing Value". The program this year features talks from prominent faculty from across the country including Dr. Benjamin Harvey, Dr. Rick Abramson, Dr. Todd Mulderink, and Dr. William Boonn. In keeping with the conference theme, there will be lectures highlighting leadership skills from leaders in the field of radiology, including the radiology department chairs from both the University of Michigan



and the University of California San Diego. The career panel for trainees returns this year with faculty in various career stages working in both private and academic practices, eager to share their experiences and answer questions. Additionally, the excellent case review series lead by nationally recognized radiologists has been expanded this year to include a section of practical physics.

I'm looking forward to seeing you all at the meeting.

Michael Cline, MD Program Committee Chair University of Michigan

WELCOME FROM THE EXECUTIVE COMMITTEE

The Executive Committee eagerly invites you to attend and participate in the A³CR² program at the 2017 meeting of the AUR! We encourage new chief residents to actively engage in the various leadership and networking opportunities that will be available. Looking forward to seeing everyone in sunny Florida!

President: Robert Hobohm, MD

University of Cincinnati

Vice President: Howard Chen, MD

University of Pennsylvania

Secretary,: Adam Meeks, MD

University of Maryland

Treasurer: Nishanth Patel, MD

University of Michigan

Immediate | Jeffrey Ware, MD

Past President: University of Pennsylvania

SENIOR FACULTY MENTOR UPDATE

Welcome! As the senior faculty mentor for the American Alliance of Academic Chief Residents in Radiology (A³CR²), I want to take this opportunity to thank you for your interest and participation in the A³CR² affinity group of the Association of University Radiologists (AUR).



The A³CR² is a really unique organization in radiology with membership filled by current and past chief residents in radiology resident training programs. Each year I am impressed with the quality, talents, and achievements in the A³CR² membership. My goals for the group are several-fold. First, I want to facilitate information sharing and promote idea exchanges across different residency programs. Radiology chief residents are amazingly resourceful and often tackle the same problem in different ways - thus, the annual meeting provides a fantastic forum for open discussion. Second, I believe the organization should directly help in the growth and mentorship of trainees as they mature into practice leaders. The programming at the annual meeting is geared to address this, often introducing contemporary topics and current practice innovators to the A³CR² membership. Finally, I hope the A³CR² becomes a key part of trainee professional development and networking. The opportunities for collaboration and discussion among the A³CR² membership are virtually limitless and provide a great stepping stone for partnership among some of radiology's current and future leaders.

I want to highlight some of the upcoming A³CR² programming for the 2017 AUR annual meeting. This year's meeting theme is "Leading Change and Bringing Value" and I believe that our programming will build upon that theme in many ways. We have formed a new combined session on professionalism and leadership with the Academy of Radiology Leadership and Management (ARLM) and the Radiology Leadership Institute (RLI). This session is geared specifically for the A³CR² membership and will feature discussions from a variety of thought- and practice-leaders about engaging new trainees and young leaders. This year's Brogdon Panel looks to be an outstanding forum for both learning and discussion, as the speakers discuss the recent trend of practice aggregation in the United States and how this is dramatically changing the practice landscape. Many of the successful sessions from last year's programming have been updated, including topics on medical-legal aspects in radiology, the evolving role of quality in practice, and collaborative sessions such as the idea forum and problem solving sessions. We have a spectacular group of speakers participating in the case review sessions again, with an eye toward high volume case review in each of the subspecialty areas, including practical physics. I am very excited about the programming and I hope that you find it thought-provoking and valuable.

Finally, I want to again thank the resident steering committee for all of their hard work and the other faculty advisors for their valuable contribution and help. The faculty advisors again comprise a mix of senior and junior faculty from various institutions, including several current or former program directors, and former chief residents/alumni of A³CR². This year's roster includes: Matthew R. Hammer (UT-Southwestern), Darel E. Heitkamp (Indiana University), Ramesh S. Iyer (University of Washington), Tan-Lucien H. Mohammed (University of Florida), Charles S. Resnik (University of Maryland), Richard B. Ruchman (Monmouth Medical Center), and Shane A. Wells (University of Wisconsin).

Look forward to seeing you in South Florida this Spring!

Peter Shou-Cheng Liu, MD Cleveland Clinic

AURAWARD WINNERS 2017

Congratulations! The award presentations will take place during the AUR Annual Meeting in Hollywood, FL, May 8-11, 2017.

AUR Gold Medal Awards

William G. Bradley, Jr, MD, PhD Jocelyn D. Chertoff, MD, MS

APDR Achievement Awards

Jocelyn D. Chertoff, MD, MS Petra J. Lewis, MBBS

SCARD Visionary Leadership Award

Ronald L. Arenson, MD

A³CR² Outstanding Teacher Award

Mark E. Mullins, MD, PhD

ACER Achievement Award

Mahesh M. Thapa, MD

AMSER Excellence in Education Award

Nancy J. McNulty, MD

RAHSR Achievement Award

Curtis P. Langlotz, MD, PhD

RRA Innovation and Leadership Award

Jonathan S. Lewin, MD

AUR Memorial Award

Cory M. Pfeifer, MD

Joseph E. and Nancy O. Whitley Award

Lucy Spalluto, MD

Herbert M. Stauffer Awards

Timm Dirrichs, MD Erin E. O'Connor, MD William P. Shuman, MD

A³CR² Research Award

Andrew Lee, MD

AMSER Henry Goldberg Medical Student Award

Sarah Flanagan, MPA

Radiology Alliance for Health Services Research (RAHSR) Harvey L. Neiman Award

Geraldine Liao, MD

RRA New Investigator Award

Christoph I. Lee, MD

AUR Trainee Prize

Paper

Ist Place – Arpan V. Prabhu, BS 2nd Place – Gelareh Sadigh, MD 3rd Place – Patricia Balthazar, MD

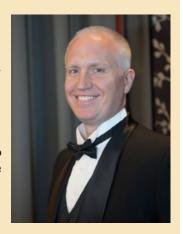
Poster or Exhibit

1st Place – Maia VanDyke 2nd Place – Karthik M. Sundaram, MD, PhD 3rd Place – Shanna Matalon, MD

2017 A³CR² Outstanding Teacher Award

The winner of the 7th annual A³CR² Outstanding Teacher Award is Dr. Mark E. Mullins of Emory University.

Dr. Mullins was nominated by his residents for his invaluable mentorship and dedication to trainee education. He is recognized for giving wonderful didactic lectures and challenging case confer-



ences and is noted for his talent for finding a teaching point in every case. While at Emory, Dr. Mullins has served in several important roles with regards to resident education including Residency Program Director and Vice Chair of Education.

Please join us in congratulating Dr. Mark E. Mullins on receiving the 7th annual A³CR² Outstanding Teacher Award!

Adam Meeks, MD Secretary and Publications Committee Chair University of Maryland

SNEAK PEAK -A³CR² PROGRAM FEATURES BROGDON PANEL SPEAKERS

This year's Brogdon Panel, titled "What Industry Consolidation Means for Radiology," focuses on the current consolidative radiology environment and its impact on future practice directions and hiring trends. The goals will include:

- Provide an overview of how radiology practice aggregation and consolidation has evolved in recent years.
- 2) Illustrate relevant issues of practice aggregation for academic practices and how this affects culture, operations, and finances.
- 3) Discuss the impact of service-related issues from aggregated practices on training programs, including trends towards shorter turn-around-times and 24/7 subspecialty coverage.
- 4) Discuss how practice aggregation are affecting hiring trends in practices, including how new trainees are begin affected in both academic and private practices.

Dr. Giles Boland is the current Chair of the Department of Radiology at Brigham and Women's Health Care. Dr. Boland is also a Professor of Radiology at Harvard Medical School and is a co-founder of the MGH Global Health Radiology Program, which works with other MGH global health programs to address the unmet medical imaging needs and health care disparities for vulnerable and crisis-affected populations. He is physician director for Network Development at MGH, where he led clinical and programmatic integration with regional and national hospitals affiliated with MGH, with extension into international markets through the Center for Specialized Services.

Dr. Jason Itri is an Assistant Professor of Radiology at the University of Virginia. He previously served as Vice Chair of Operations at the University of Cincinnati and Director of Quality and Safety at UPMC. His research and clinical interests include measuring and improving culture of quality among hospital staff and trainees, measuring radiologist performance, diagnostic error, process improvement, and leadership development.

Dr. Richard Duszak is Professor and Vice Chair for Health Policy and Practice in the Department of Radiology and Imaging Sciences at Emory University. As a former member of the Executive Committee of the CPT Editorial Panel, Dr. Duszak has long been nationally engaged in physician payment policy development. A strong supporter of evidence-based policy, he currently serves as Associate Editor for Health Services Research and Policy for the Journal of the American College of Radiology. His scholarly pursuits focus on health policy (particularly it pertains to medical imaging access, utilization, and payment systems) and practice management.













Dr. Richard Duszak

2016 CHIEF RESIDENT SURVEY RESULTS

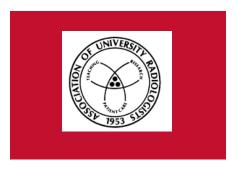


For over 40 years, the chief residents at the Mallinckrodt Institute of Radiology have conducted a survey of radiology chief residents across the country on behalf of A³CR² to obtain data regarding resident and chief resident benefits, board testing and preparation methods, call structures, and other items pertaining to radiology resident training. Topics on this year's survey include demographics, dual certification for IR/DR residency, resident benefits, and chief

resident duties. New this year is a category reflecting adding value beyond the radiology report to reflect this year's AUR meeting theme of 'Leading Change and Bringing Value'. We look forward to sharing the results at the 2017 AUR meeting.

Richard Tsai, MD Survey Committe Chair Mallinckrodt Insitute of Radiology











2017 A³CR² PRELIMINARY SCHEDULE

65th Annual Meeting, May 8-11, 2017

The Diplomat Beach Resort, Hollywood, Florida

"Leading Change and Bringing Value"

Tuesday, May	9, 2017	
7:00 am -	7:30 am	Case Rev
7:30 am -	8:15 am	Medical-L
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8:15 am - 8:30 am Break 8:30 am - 10:00 am AMSER Lucy Squire and APDR/ACR Keynote Lecture

iew:Thoracic

egal Issues for Trainees

10:00 am - 10:30 am Break

10:30 am - 11:00 am Case Review: Neuroradiology
 11:00 am - 12:00 pm Understanding Quality and Value Concepts for Trainees

 $1:\!00~pm-1:\!45~pmVydareny~Imaging~Competition$

1:45 pm - 2:00 pm Break

2:00 pm - 3:00 pm Problem Solving (A³CR² members only) 3:00 pm - 3:30 pm A³CR² Business Meeting and Elections

3:30 pm - 4:00 pm Break

4:00 pm - 5:30 pm Brogdon Panel: What Industry Consolidation Means for Radiology

6:30 pm - 8:00 pm AUR Welcome Reception

Wednesday, May 10, 2017

7:00 am - 7:30 am Case Review: Pediatrics

7:30 am - 8:15 am Career Pathways and Planning for Trainees

8:15 am - 8:30 am Break

8:30 am - 10:00 am Problem Solving for Residents, PDs, Coordinators and Chairs

10:00 am - 10:30 am Break

10:30 am - 12:00 pm AUR Plenary Session

1:00 pm - 1:45 pm Vydareny Imaging Competition

1:45 pm - 2:00 pm Break

4:00 pm - 4:30 pm Case Review: Nuclear Medicine

4:30 pm - 5:00 pm Career Panel for Trainees

Thursday, May 11, 2017

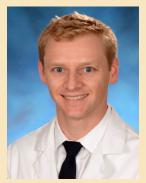
8:30 am - 9:00 am Case Review: Ultrasound 9:00 am - 9:30 am Case Review: GU

9:30 am - 10:00 am Case Review: GI 10:00 am - 10:30 am Break

12:30 pm - 2:30 pm Innovations in Academic Radiology

HOW TO BECOME A MEMBER

Being a member of A³CR² is an exciting and rewarding opportunity available to all past and current radiology chief residents. Membership allows access to a vibrant network of like-minded peers from across the country. All chief residents are encouraged to join and can do so by filling out the application posted on the AUR website (www.aur.org/A3CR2/membership/).



AUR membership is required to join A³CR². If you are not an AUR member, you can apply for both AUR and A³CR² memberships simultaneously. If you have already paid your AUR membership dues, simply include \$75 for the A³CR² membership fee. AUR membership dues are prorated if you join after January 1st.

We encourage everyone to pay their dues before attending the A³CR² program at AUR 2017. You will, however, be able to join and pay on site in Hollywood, FL.

Adam Meeks, MD Secretary and Publications Committee Chair University of Maryland

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City, State, Zip:				
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Representation at Intersociety Meetings



The AMA is the largest association of physicians in the United States. The principal vision for the AMA is to enhance the delivery of care and enable physicians and health teams to partner with patients to achieve better health. Joining with members from across the country and from each medical specialty, the AMA meets twice per year to discuss policy. This past June, the annual AMA meeting was held in Chicago, and I was privileged to attend as the A³CR² delegate.

As the A³CR² delegate to the AMA Resident and Fellow Section, I was honored to participate as a voting member for the AMA-RFS caucus. The Resident and Fellow Section provides resources to empower its members to be advocates for patients, the medical profession and the future of health care. A variety of many important residency and fellowship issues were discussed and debated. I voted on these issues in manner that I felt best represented the interests of radiology residents and fellows. It was a truly unique experience for which I am grateful to the AUR and A³CR² for the opportunity to participate. I would encourage any other resident or fellow to be an active member in the AMA to help advocate for physicians and trainees across the country.

Daniel Adamo, MD AMA Liaison Mayo Clinic, Rochester MN



Now up and running -A³CR² Facebook page (www.facebook.com/A3CR2)

Use it as a medium to communicate with fellow A³CR² members and as a source to follow updates regarding A³CR². AUR and RSNA meeting specific updates will be posted here as well.

2016 MEETING HIGHLIGHTS

Message from Past President



The 64th Annual Meeting of A³CR² was held at the Manchester Grand Hyatt Hotel in sunny San Diego, California. During this past meeting, radiology chief residents explored several challenges currently facing radiology training, while enjoying sun-filled skies by day and the energy of the Gaslamp District by night.

The theme of this past meeting was diversity and inclusion; a topic highly pertinent to radiology residency and medical student recruitment. The highlight of the meeting was the annual Brogdon Panel,

which featured distinguished thought-leaders on the topic of diversity, who shared their personal and career experiences. These talks provide invaluable insights into why diversity is so important for the future of radiology and how we can work to improve it, including practical strategies for successfully recruiting diverse residency applicants.

In roundtable discussions among members of the A³CR², the Association of Program Directors in Radiology (APDR), and the Society of Chairs of Academic Radiology Departments (SCARD), we tackled several additional issues of critical importance to radiology GME; with a particular focus on getting the most out of the 4th residency year in the new board structure. We also discussed practical tips for developing leadership skills and the changing landscape of academic radiology.

The idea forum focused on the difficulties of maintaining the educational mission during a time when demands for clinical productivity are ever-increasing. Chiefs from different programs shared their experiences with different novel educational strategies, and provided practical tips for implementing new educational approaches in our own programs.

During the annual ABR update, Dr. Kay Vydareny presented the latest data on the CORE examination and discussed several board exam-related issues. As always, the interactive question/answer session provided a lively discussion and exchange of ideas between chief residents and the board.









For the many 3rd year resident attendees who were in the midst of preparation for the CORE, the popular Case Review series



covered a wide range of board-relevant radiology case material, presented by a number of highly engaging academic radiologists. Invited faculty again received high praise for presenting high yield cases and imparting important radiology pearls for the exam.

We were especially grateful for the hard work of the new A³CR² faculty advisor, Dr. Peter Liu, who began his leadership tenure by overseeing an outstanding meeting. The future of the A³CR² looks incredibly bright!

Congratulations to the many new officers and members of the executive and steering committees. I look forward to seeing everyone in Hollywood!

Jeffery Ware, MD A³CR² Immediate Past President University of Pennsylvania

LEADERSHIP OPPORTUNITIES

The Elections Committee is pleased to announce open elections for the 2017-2018 A³CR² Executive and Steering Committee to be held at the 2017 AUR meeting in Hollywood.

Elections Process

Those A³CR² members who are interested in taking on extra responsibility are encouraged to run for positions within the Executive and Steering Committees. Executive Committee positions will be chosen first, consisting of a President, Vice President, Secretary, and Treasurer. The Steering Committee Chair and Membership positions will then be filled, with the roles and responsibilities as listed below. The winners of the election process for both the Executive and Steering Committees will be decided through a card draw. Full details will be annouced during the A³CR² Business and Elections Meeting on Wednesday, May 10th.



Offices of the Executive Committee

President

Responsible for coordinating efforts of the executive and steering committee with the goal of advancing the Alliance

Vice President

Assists President with planning annual AUR meeting and leads education and outreach efforts

Secretary

Keeps a record of the meeting proceedings and conference calls Serves as Chair of Publications Committee, responsible for creating the biannual newsletter

Treasurer

Acts as principal accounting and financial officer while supervising the fiscal affairs of A^3CR^2

Immediate Past President



Steering Committee Chairs

Program Committee Chair

Organizes the annual A³CR² program in coordination with the executive committee and senior faculty advisor

Membership Committee Chair

Oversees chief resident membership, meeting attendance, and dues collection

Maintains a current address list of the members of A³CR²

Publications Committee Chair

Assembles and publishes the biannual A³CR² newsletter

Electronic Communications Committee Chair

Maintains the A³CR² website and considers ways to improve traffic to the website by improving content

Manages social media resources to promote A^3CR^2 networking opportunities

Rules Committee Chair

Maintains and updates the A3CR2 bylaws

Awards Committee Chair

Responsible for soliciting nominations and selecting (in association with the executive committee) A^3CR^2 award winners

Elections Committee Chair

Informs potential candidates of the available offices and responsibilities prior to AUR meeting $\,$

Organizes elections of A^3CR^2 executive committee and steering committee chairs

Survey Committee Chair

Creates and distributes annual chief resident survey; analyzes and presents the results at the AUR meeting $\,$

Currently exclusively maintained by Chief Residents of Washington University, St. Louis

ABR Liaison ACR Liaison APDR Liaison

2016-2017 A³CR² STEERING COMMITTEE

Officers

President Robert Hobohm, MD Howard Chen, MD **Vice President Secretary** Adam Meeks, MD **Treasurer** Nishant Patel, MD **Immediate Past President** Jeffrey Ware, MD

University of Cincinnati University of Pennsylvania University of Maryland University of Michigan University of Pennsylvania

Faculty Advisors

Senior Faculty Advisor Peter Shou-Cheng Liu, MD **Faculty Advisors** Matt Hammer, MD Darel Heitkamp, MD

> Ramesh Iyer, MD Tan-Lucien Mohammed, MD Charles S. Resnik, MD Shane Wells, MD

Cleveland Clinic **UT** Southwestern Indiana University University of Washington University of Florida University of Maryland University of Wisconsin

Committees

Problem Solving

Awards Chair: Brett Barker, MD Vanderbilt University

> Desmin Milner, MD University of Alabama, Birmingham

Elections Chair: Matthew O'Brien, MD Henry Ford Hospital

Scott Johnson, MD Cleveland Clinic

Electronic Chair: Morgan McBee, MD University of Cincinnati **Communications**

Haily Choi, MD Georgetown University

Membership Chair: Kimberly Shampain, MD University of Michigan Daniel Ortiz, MD

Eastern Virginia Medical Center

Publications Chair: Adam Meeks, MD University of Maryland

Richard Tsai, MD **Survey Committee** Chair: Mallinckrodt Institute of Radiology

Chair: Michael Cine, MD University of Michigan **Program**

Matthew Kiczek, MD Cleveland Clinic

Lyndon Luk, MD Columbia University

Linda Kelahan, MD Georgetown University

Case Review Shehbaz Shaih, MD Henry Ford Hospital Virginia Planz, MD Wake Forest University

Nick Harn, MD University of Kansas

Idea Forum Geraldine Liao, MD University of Pennsylvania

> Joe Zerr, MD **UT** Southwestern

Brogdon Panel Chris Gu, MD Mayo Clinic Rochester

Benjamin Morris, MD University of Utah

Rules Chair: Sam Galagno, MD University of Alabama, Birmingham

AAPM Liason Tyler Sandow, MD Ochsner Clinic

ABR Liaison Scott Parker, MD University of Utah

> Jessica Record, MD Ochsner Clinic

ACGME Liaison Ankah Khosla, MD **UT** Southwestern

Colin Carroll, MD Vanderbilt University

Daniel Ortiz, MD **ACR Liaison** Eastern Virginia Medical Center

> J M Ponting, MD Indiana University

AMA Liaison Daniel Adamo, MD Mayo Clinic Rochester

APDR Liaison Christopher Watterson, MD Cedars Sinai Medical Center

Amie McPherson, MD Wake Forest University