Bailey Welcomed to Faculty

Christopher Bailey, DO joined the faculty in September as an Assistant Professor in Interventional Radiology. Dr. Bailey obtained his DO from Nova Southeastern University, and an Interventional Radiology Fellowship and most recently as Assistant Professor of IR, both at Virginia Commonwealth University.

New AOA Member

Congratulations to MSK Fellow Casey Reed, MD on becoming a member of the American Osteopathic Association (AOA). Dr. Reed will be recognized at its annual meeting in Chicago, Illinois this June. The AOA is one of the largest osteopathic medical organizations. We published a partial list in October 2018. Here are several more.

Rebecca Corcoran, MD
- Member of Executive Committee and Immediate Past President of ARRS (Sept. 2015-Oct. 2017)
- Chair of ACR Osteo Assessment Nexus Team, 2017-2018

So Moon, MD
- Member, ACR Appropriations Committee
- Board Liaison, ACR
- Member, RSNA 3D Printing Special Interest Group Executive Committee
- RSNA Quality Committee
- Chair, ACR Appropriations Committee

Mary Mahoney, MD
- Associate Editor for Social Media, Radiology
- Member, RSNA 3D Printing Special Interest Group Executive Committee
- Podcast Host, WebMD
- RSNA Quality Committee
- Chair, ACR Appropriations
- Executive Committee
- Chair of ABR On-Line Assessment Neuro Exam, 2017-2020

Daniel Lyons, MD
- Chair of ABR On-Line Assessment Cardiovascular Exam
- Member, ACR Appropriations
- Chair of ABR On-Line Assessment Stroke Exam
- Chair, ACR Appropriations Committee

Ram Chadalavada, MD
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Su-Ju Lee, MD
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Don’t Miss Your Beat for United Way

UC Health Radiology Director Boby Allen was the first of a series of UCH imagers who volunteered for a “Beat Your Beat” promotion that kicked off a United Way fundraising drive on September 16. A drumming booth was set up outside the UF building on the east side of the UCMB campus, and employees could buy two balls and two chances to drum their margarita for a $5 donation. Dr. Frank Byrd had to get things started with a contribution, but did not attempt to drum.

Mary Mahoney invited to Join International Think Tank

Mary Mahoney, MD, Benjamin Felston endowed Chair and Professor in the Department of Radiology, has been invited to become a member of the International Think Tank for Strategic Studies in Radiology (ITTSR), a group that consists of 72 members from across the world. ITTSR includes industry representation and radiologists who are passionate about community planning, strategic, and influence future development initiatives. Dr. Mahoney met with the group in Budapest, Hungary August 22-24.

Faculty Service

Many members of the Radiology Department faculty serve the profession as officers or committee members for national organizations. We published a partial list in October 2018. Here are some more.

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As members of the Radiology community, we are uniquely positioned to observe the impact that developments in medical imaging have on the patients we serve. Over the last several decades, we have witnessed a remarkable transformation in health care facilitated by innovations in CT, MRI, PET, US, and X-ray procedures and technologies. The pace of innovation in medicine is accelerating and imaging research is more important than ever. As members of our field, we need to improve clinical and academic imaging research and education. Radiology is now the key diagnostic tool for many diseases and has a lead role in monitoring disease progression and predicting outcomes. New knowledge in imaging is being developed at an increasingly rapid pace. When I was a medical student in 1983, medical knowledge doubled every 17 years. Today, in 2019, the doubling time for new medical knowledge is every 67 days. Clearly, the field of Radiology has experienced dramatic change. So too, the breadth of research topics relevant to Radiology has been constantly expanding. We have found the need to change processes and patterns. A major transformation in imaging research has led to advances in functional and molecular imaging, artificial intelligence, and genomics. Our department is meeting the challenges of rapid change in the world of Radiology. We embrace the value of research and have made major strides in inquiry and discovery. For the past five years, UC Radiology has made intentional progress in developing and expanding our research and innovation. We now also recognize and appreciate the importance of not only leveraging our success, we are now well-positioned to leverage our success and to continue forward in this journey to improve clinical care through imaging research.

As the breadth of research topics relevant to Radiology has been constantly expanding…. For the past five years, UC Radiology has made intentional progress in developing and expanding our research and innovation. We now recognize and appreciate the importance of not only leveraging our success, we are now well-positioned to leverage our success and to continue forward in this journey to improve clinical care through imaging research.
Faculty Service

Mary Mahoney, MD, is an active member of many committees and organizations. She has been invited to join the International Society for Aging and Health and is currently serving as the vice chair of the American Society for Endocrinology. Her research interests include aging and health outcomes in patients with diabetes. She is also involved in the development and implementation of new technologies for the diagnosis and management of diabetes.

RANZCR

Daniel Lyons, MD, has been named a member of the 2019 RANZCR Young Investigator Award Committee. He will serve on this committee through the year 2020.

Dr. Lily Wang, MBBS, has been named a member of the 2019 RANZCR Early Career Investigator Award Committee. She will serve on this committee through 2019.

New AOA Member

Congratulations to MSK fellow Casey Reed, MD on his induction to Alpha Omega Alpha Medical Honor Society on November 9, 2019.

Omega Alpha medical honor society on November 9, 2019.

Casey Reed, MD

Christopher Bailey, DO

IMAGING MATTERS  |   DECEMBER 2019

Christopher Bailey, DO joined the faculty in September as an Assistant Professor in Interventional Radiology. Dr. Bailey obtained his DO fromNebraska Western University.

Dr. Bailey was recently appointed as the Chair of the ABR's Imaging Services Committee. He is also a member of the American Society of Imaging and Interventional Oncology (ASIO) and the American Society of Radiology and Imaging in Oncology (ASOR). Dr. Bailey has published several articles on the use of imaging in oncology.

Dr. Bailey is currently conducting research on the use of imaging in oncology. His research focuses on the use of imaging in the detection and treatment of cancer. He is also involved in the development of new technologies for the diagnosis and management of cancer.

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On November 16, our usual monthly meeting time was devoted to abstract research symposia. Organized by Vice Chair of Research Audrey Vagal, MD, multiple faculty members freely shared about their own research projects and opportunities for participation to the audience. The projects included were as follows:

Matthew Stephens, MD, described a artificial intelligence project (funded by Radiology Pilot Grant), now in development, to save the cost of digital mammograms; the project began installing its own deep learning system, which would work with the department’s current software to reduce the number of unnecessary mammograms.

Bethany Belicki, MD, announced that the department was about to begin installing an AI system, which would work with the department’s already functioning software and the university’s other 3D printing facilities. Her invited faculty and students to participate in this project. Examples on current websites are created by Sahil Dholakia, DO, who shared his AI system for deep learning mammograms.

In his start-up company, Biomedical Imaging, Dr. Dholakia (MD, PhD) is leading a group of computer science and radiology professionals to develop an AI system for mammograms that can identify tumors.

Awards Presentation Recognizes Patient Experience

At the UCSF PRHI Awards presentation on November 4, UCSF Breast Oncology winners of Inspiring Surgeons: Families in Colleagues Award (Lindquist: Comprehensive Early Breast Cancer) and the Oscars: They work to deliver the best for all breast cancer patients, and their dynamic, caring and professional commitment to excellent care is truly remarkable.

Dr. Sobel, MD, aims to definitively answer the question: Is 3D imaging more effective in detecting breast cancer than 2D imaging?

A national trial led by University of Cincinnati Breast Imaging:Breast MRI, Breast Ultrasound, and Screening Ultrasound. Three-year pilot study that finds that women prefer breast MRI over mammography.

Joanna Jeong, MD, presented her research on non-invasive breast cancer screening: a few good men. A national study will evaluate outcomes of women undergoing breast MRI for screening.
Symposium Features Faculty Research Projects

On November 14, our usual monthly faculty event was devoted to faculty members from the Department of Radiology. Organized by Vice Chair of Research Angela Vagel MD, multiple faculty members spoke briefly about their own research projects and opportunities for participation to the audience. The projects included were as follows:

Markle Shipley MD: The American College of Radiology (ACR) and UnitedHealthcare are partnering on a national research project to create a new diagnostic and treatment plan for breast cancers. The project will use artificial intelligence and machine learning to analyze CT scans and identify tumors earlier and more accurately. The project will involve radiologists from more than 100 hospitals and 1,000 patients.

Bryan Barks MD: The ACR has received a $1.5 million grant from the National Institutes of Health to develop a new diagnostic tool for detecting breast tumors. The tool uses artificial intelligence to analyze CT scans and identify tumors earlier and more accurately. The tool will be tested in a clinical trial involving 500 patients.

Matthew Shipley MD: Described his Artificial Intelligence project (Radiology Pilot Grant), now in development, to answer the question: Is 3D imaging more effective in detecting breast cancers? Sobel, MD, aims to definitively answer the question: Is 3D imaging more effective in detecting breast cancers? Sobel, MD, aims to definitively answer the question: Is 3D imaging more effective in detecting breast cancers?

Michael Vagel MD: Described an MRI sequence designed for breast cancer screening. The sequence uses artificial intelligence to analyze CT scans and identify tumors earlier and more accurately. The sequence will be tested in a clinical trial involving 500 patients.

Advertising Features UC Radiologists: UC Radiologists have been featured in the College of Medicine’s Patient Advisor magazine, a publication that provides information on medical research and health care. The articles feature UC radiologists and their research projects.

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Mary Gaskill Shipley MD: Described a preliminary study on the use of a new MRI sequence designed by the UC Gardner Neuroscience Institute. The first is a preliminary study on the use of a new MRI sequence designed by the UC Gardner Neuroscience Institute. The second is a preliminary study on the use of a new MRI sequence designed by the UC Gardner Neuroscience Institute.

Mary Vagel MD: Described an MRI sequence designed for breast cancer screening. The sequence uses artificial intelligence to analyze CT scans and identify tumors earlier and more accurately. The sequence will be tested in a clinical trial involving 500 patients.
On November 16, our usual monthly meeting time was devoted to the recently formed Research Symposium.

Organized by Vice Chair of Research Andrea Vogel, MD, multiple faculty members spoke briefly about their own research projects and opportunities for participation to the participants. The project included were as follows:

Dr. Vogel described multiple imaging studies in use by both National Institutes of Health and industry multi-investigators including Multi-Modality Tremor Study (MMTS), Stroke Trial, Endothelial Function for Lessee Hawaii Stroke (ES-HO) and other NIH studies. Also, the 2019 funded large study in sleep population study of brain health. Assessing Population Based Radiological Brain Health in Stereotactic Radiosurgery (ARROWS) is another. Alteragnesio. Stereotactic biopsies in large vessel occlusion (LVO) studies. The presentation also included an update on 3D printing facilities.

Mary Gaskill-Shipley, MD discussed two research projects funded by the UC Gardner Neuroscience Institute. The first is a preliminary study looking at the effects of computerized adaptive testing on the high grade glioma patient population. In this case the study was of 60 patients, 60% a high resistance MR imaging, 30% of them with MGMT. MGMT inhibits human U251 glioma cells and is an imaging biomarker for chemoresistance to disease, this supports study by Dr. George B. Kasper GCSE 2019 into diseases such as Alzheimer’s and Parkinson’s, with funding that includes a $200,000 grant from the German Alzheimer Society.

Dr. Vogel also mentioned the Design Thinking project funded by Advanced College of Gambling (Phil. Psy. Dr. White and Mahoney). Development in Radiology is a Design Thinking resource to provide a patient centered interactive imaging report and results. This project is being led by Dr. Chadalavada. Carbohydrate group led by Shahn Wahid, MD is developing the first products of the Design Thinking project, including patient centered interactive imaging report, results, and interactive reporting tools.

Class of 2019 Updates

Michael Barth, MD
Cardiovascular Imaging Fellowship, UC Medical Center
Michael Ismail, MD
Primary, Mediabody Radiology Associates, Charlotte, NC
Nicholas Laubert, MD
Emergency Radiology Fellowship, UC Medical Center
Carmen Rod, MD
Musculoskeletal Radiology Fellowship, UC Medical Center
Adam Tannenbaum, MD
Neuroradiology Fellowship, UC Medical Center
Zachary Berkey, MD
Vascular & Interventional Radiology Fellowship, UC Medical Center

Advertising Features UC Radiologists

UC Radiologists have been featured in the College of Radiology, articles in the new UC Health Magazine featuring Dr. Vogel and the Design Thinking project funded by the UC Gardner Neuroscience Institute. And also at an ad featuring Dr. Shipley in the published, Medical and science, which captures the regional arts, culture and community.

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• Member of Executive Committee and Immediate Past President of ARMRD (Sept. 2018-Oct. 2019).
• Chair of ACR On-Cite Assessment Neuro Exam, 2017-2018.
• SAAM Chair.

• Member: ACR Appropriations Criteria Gap and Harmonization Committee.

Frank Rybicki, MD

• Chair: ACR Appropriations Criteria.

• SAQA Quality Committee.

• Member, RSNA: 3D Printing Special Interest Group Executive Committee.

Lily Wang, MBBS

• American Editor for Social Media, Radiology

• Associate Editor for Social Media, Radiology

• Member, RSNA 3D Printing Special Interest Group Executive Committee.

Dr. Wang at RANZCR.

Mahaney Invited to Join International Think Tank

Mary Mahoney, MD, Benjamin Felton endowed Chair and Professor in the Department of Radiology, has been invited to become member of the International Strategic Studies in Radiology (IS3R), a think tank that consists of 72 members from 38 nations for Strategic Studies in Radiology (IS3R), an endowed Chair and Professor in the Department of Radiology, has been invited to plan strategically, and influence future developments in imaging.

Nuclear Medicine Chair, Professor of Radiology, and Professor of Radiology, University of Cincinnati.

Dr. Mahoney moved with the group in Budapest, Hungary Aug. 22.

Don’t Drink Your Beer for Ovarian Tumor Growth

UC Health Radiology Director Doug Allen was the first of a series of UCI imagers who volunteered for a Drink Your Beer Onset study that kicked off a United Way fundraising drive on September 16. A drinking booth was set up in the UC Surgical Plaza to encourage people to drink their beer in the heat of the UC campus, and employees could buy two halves (and two chances to drink their managers for a $5 donation. Dr. Frank Rybicki got things started with a contribution, but did not attempt to drink. Dr. Allen

The breadth of research topics relevant to Radiology has been constantly expanding… For the past five years, UC Radiology has made intentional progress in developing and expanding our research agenda. This progress has led to leveraging our success and to continue forward in this journey to improve clinical care through imaging research.