Bahar Mansoori, MD
Assistant Professor, UW Radiology

I was honored to participate in “Teaching Scholars Program,” 2020-2021. The Teaching Scholars Program at the University of Washington (UW) is a 10-month, part-time, certificate professional development program consisting of integrative seminars, scholarly projects, and a professional peer group. It is intended for educators in the health professions who have a passion for teaching and a desire to become academic leaders. The Program, which is offered by the Department of Biomedical Informatics and Medical Education, prepares UW educators to become leaders in all aspects of health professional education. Since 1995, the Teaching Scholars Program has developed a cadre of highly skilled academic leaders, many of whom have received local and national teaching awards and leadership responsibilities. During this course we had sessions one morning weekly for scholarly discussion and guided reflection. The course material was focused in three important areas:

**Improving Teaching Skills**

The Program emphasizes the development of practical teaching skills in the context of understanding educational theory and research. We learned basic educational theory and honed our teaching skills by teaching one another and receiving group feedback. We further practiced through formal presentations, leading small group discussions, using problem-based learning, providing clinical supervision, assessing student learning, evaluating teaching, and planning curriculum.

**Conducting Scholarly Research**

All of us completed an education-related project. We also reviewed and discussed educational scholarship in the areas of clinical reasoning, evidence-based medicine, professionalism, and informatics to become familiar with research and methods and presentation standards.

**Developing Academic Leadership Skills**

During the course we met with leaders in the Academic Health Center (for example Dean of School of Medicine) to develop an understanding of the operations of the Health Sciences Center and to develop a network of contacts. Sessions devoted to leadership provided the theoretical constructs and practical skills necessary to successfully engage in organizational improvement. We practiced professional and personal skills that are essential for success in an academic career, such as developing a teaching portfolio for advancement, learning how to run meetings, and building constituencies were also addressed.

In summary, during the Teaching Scholars Program I learned so many new skills, pushed myself out of my comfort zone on many occasions and I was able to establish a wonderful community with other scholars in WWAMI (Washington, Wyoming, Alaska, Montana and Idaho). I really appreciate the UW education committee and leadership for supporting me to participate in the Teaching Scholars Program. In addition, I sincerely thank the generous donors of the UW Medicine Rohrmann Endowment for this great opportunity. Both were instrumental to my participation at Teaching Scholars Program 2020-2021.

Dr. Mansoori has been an Assistant Professor in the Abdominal Imaging section of UW Radiology since 2019. She has a passion for teaching and mentoring, and is currently participating in the Society of Advanced Body Imaging (SABI) Coaching Program.
Residents Present at National Meeting
Supported by The Rohrmann Endowment
... and receive awards for educational exhibits!

Thanks to funding from the Rohrmann Endowment, I attended the Society of Thoracic Radiology (STR) Annual Conference, which took place this past March. My educational exhibit on Complications of Percutaneous Structural Heart Interventions, which I co-authored with Dr. Jonathan Revels, Dr. Sarah Bastawrous, Dr. Sherry Wang, and Dr. Shaimaa Fadl, received a Certificate of Merit award. I enjoyed meeting and connecting with residents across the country, and it was wonderful to attend a conference again in person.

I plan to incorporate the skills I learned from the Resident Bootcamp and the advice from the non-interpretative sessions in mentorship and leadership in my practice moving forward.

Thank you again to the Rohrmann Endowment and UW Radiology for their continuous support of resident education and research.

– Janis Yee, MD, PGY-5
Diagnostic Radiology Resident

With the help of the Rohrmann Endowment, I was able to travel to Las Vegas to attend the Society of Thoracic Radiology (STR) conference. I presented an electronic educational exhibit of my work with Dr. Jonathan Revels, Dr. Sarah Bastawrous, and Dr. Shaimaa Fadl on Hypertrophic Cardiomyopathy (HCM): From the Expected Phenotypes to Less Known Variants, which received a Cum Laude award. The Resident Bootcamp session and workshops were incredibly enriching and educational. It was also wonderful to connect with UW faculty at the conference as well as domestic and international residents from other institutions. Thank you once again to the Rohrmann Endowment and UW Radiology for your generous support of our educational and scientific pursuits!

– Hoiwan Cheung, MD, PGY-5
Diagnostic Radiology Resident

The Rohrmann Endowment for UW Radiology Resident Educational Excellence funds residents who are first authors to present at national meetings!
Rohrmann Endowment Funds
ACR Radiology Leadership Courses for Residents

PGY-5 residents Tom Eggert, Shamus Moran, and Janis Yee recently participated in the ACR Radiology Leadership Institute’s (RLI) Milestone course, with their registration funded by the Rohrmann Endowment.

The course extended from September to March and includes five blocks, all of which provide educational materials including an informative lecture, reading materials, and a coordinated activity that guides the residents through a hands-on task with accumulation of information and ideas, summarized in a short PowerPoint presentation and shared with the other groups through webinars. This allows our residents to learn about different practices and economic forces across our country.

In addition to the RLI Milestones course, 12 Radiology residents participated in the ACR Leadership Essentials program.

“The ACR Leadership Essentials Program was an invaluable experience for me as a beginning radiologist. I was able to learn about a wide variety of topics that have laid the foundation for my career. I hope to build upon the skills I acquired through the program as I continue through residency. Learning from leaders across the country has given me insight into not only the current issues facing radiology, but also in healthcare and medicine in general. I am positive that my experience through this program will greatly enhance the relationships I have with my co-workers, attendings and patients.”

– Andy Chang Guo, MD, PGY-2

“I am very grateful for the Rohrmann Endowment giving me the opportunity to participate in the ACR Leadership Essentials Program. I was exposed to and learned a diverse array of topics within the non-clinical side of radiology that I had not experienced during my residency training. The knowledge that I acquired will most definitely play a vital role in my future career and overall make me a more well-rounded radiologist. Thank you all for those generous donors that support us residents to continue to improve ourselves!”

– Andrew Kim, MD, PGY-5

These programs serve to enrich the experience of UW Radiology residents, providing much-needed leadership training and incorporating non-interpretive skills – laying the groundwork for successful careers for our trainees.

Please plan to join us for the Fifth Annual “Lunch and Learn” event, featuring presentations by residents and faculty who have participated in research and/or educational endeavors this past year, supported by the Rohrmann Endowment. You will want to hear about these exciting experiences, and much more! May 12, 2022, 12:00-1:00 pm Pacific
Register: https://events.uw.edu/mM44m1

All VIRTUAL via Zoom: https://washington.zoom.us/j/97236249416
Meeting ID: 972 3624 9416  Passcode: 576644

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Spotlight on UW Radiology Alumnus
Dr. Christopher Walker, Class of 2012

Christopher Walker, MD, was a UW Radiology Resident 2008-2012. He completed his Thoracic and Cardiac Imaging Fellowship at Mass General, then became an Assistant Professor at the University of Missouri-Kansas City in 2013. Dr. Walker is currently Professor of Radiology, Vice Chair for Faculty Development at the University of Kansas Medical Center. He specializes in cardiopulmonary imaging and has an expertise in lung cancer, cardiopulmonary infections, aortic disorders, interstitial lung disease, pulmonary embolism, and a multitude of cardiac disorders.

What was your experience like as a resident at UW Medicine?
I really enjoyed my time at the UW. It was a remarkable experience getting to learn radiology from some of the giants in the field. It was also great to see a wide breadth of patient populations ranging from the VA to the county hospital and the University. Working at Harborview also made me never want to ride a bicycle on a street.

What excites you most about radiology and what are some of your specialty areas?
I practice exclusively in the area of cardiothoracic radiology. I continue to learn on the job and that is what drives me to continue practicing this art. It still astonishes me that I come across information that I did not know the day before, even though I have been practicing exclusively as a chest radiologist for many years.

What do you think are some of the most important experiences for residents to have?
I think having a solo call experience is worthwhile for a resident. I was both scared and enjoyed my solo call experiences at Harborview Medical Center. It helped shape me as a radiologist and allowed me to function independently. The only downside was all of the lost sleep in anticipation of the upcoming call shift!

As a cardiothoracic radiologist at the University of Kansas Medical Center, what is your current role in trainee education, and how would you describe your approach to resident education?
I train residents at the workstation and through many didactic and case-conference style lectures. My teaching philosophy is that everyone learns in a different way, and the best teacher must adapt to each individual student and identify gaps in knowledge. I try and adapt my teaching style to the individual medical student or resident whether they learn best from questions (e.g., Socratic method), formal reviews or repetition of key concepts and facts. My latest passion is introducing personal finance lectures to residents. It is my hypothesis and belief that a financially literate physician will experience less burnout.

What are your areas of research and clinical focus – and some of the biggest challenges you and your colleagues face in Radiology?
I am a cardiothoracic radiologist and my research focus is on education. I try and communicate complicated information in a way that is accessible to all. I have transitioned mid-career into a more mentor role and was recently appointed the Vice Chair of Faculty Development for the radiology department. I am attempting to distill information that was given to me to the next generation of radiologists. The biggest challenge I see facing radiology is the ever-increasing workload and lack of enough job-seekers. The days seem longer and harder and it is more difficult to recruit for the many open positions.

Where are you from originally?
I grew up in rural Minnesota, farm country. I attended the University of Minnesota-Duluth for undergrad and completed my medical school training at the University of Minnesota in Minneapolis.

What was your path towards becoming a radiologist?
I initially thought I was going to be an internist until my second internal medicine rotation where I realized it was not for me. I had an elective in radiology at the end of my third year and instantly fell in love. The idea of diagnosing pathology quickly so that a patient could be correctly treated intrigued me. I also liked being the doctor’s doctor.

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Dr. Walker and his family on vacation
Chris, Elsie (11), Lillian (9), Eunhee

Having great mentors plays such an important role for all of us. Who were some of your early mentors? And who were your most recent ones?
My earliest mentors were all in chest radiology, Drs. Godwin, Stern,
Advice to residents from Dr. Walker:

“Try and enjoy the experience and live in the moment as much as possible. Try and avoid the “arrival fallacy,” something that I have succumbed to many times as I passed through college, medical school, residency and even early days as faculty. Life really does go by fast and try and focus on the now rather than waiting to start your life once you reach the destination. Doing the opposite will only make you feel empty. I also think it is important for residents to study every day. Finally, do not put your head in the sand regarding personal finance. I wish I had started learning about this earlier.”

Pipavath, and Reddy. They were instrumental in me choosing chest radiology as a career and guiding me in academics. I still remember Dr. Stern asking me to work on several book chapters as a second-year resident. I never thought that at the end, he would put me on the cover as third author of the textbook! It changed my life and opened the possibilities for my future academic career. I was both scared and looked forward to Dr. Godwin’s Monday morning lectures. I also appreciated all the time Dr. Godwin spent with me critiquing my writing and powerpoints. I picked up many lessons from Sudhakar and how he taught at the workstation, always calling everyone over every time an interesting case came through. Finally, Gautham has helped immensely by guiding and critiquing my lecture delivery and style through personal feedback. He has also helped me in my new role as vice chair of faculty development by giving me advice on best ways to motivate and help junior faculty.

What advice do you give to radiology residents today?

My advice is to try and enjoy the experience and live in the moment as much as possible. Try and avoid the “arrival fallacy,” something that I have succumbed to many times as I passed through college, medical school, residency and even early days as faculty. Life really does go by fast and try and focus on the now rather than waiting to start your life once you reach the destination. Doing the opposite will only make you feel empty. I also think it is important for residents to study every day.

Finally, do not put your head in the sand regarding personal finance. I wish I had started learning about this earlier. Some of the resources in personal finance that are beneficial that I wish I knew about prior to becoming an attending would include the White Coat Investor (podcast and blog) and the Money Meets Medicine podcast.

What are some of your favorite activities outside of work?

My family and I have recently got back into golf. It is fun playing alongside my two girls and wife, watching them improve and enjoy the game. Most of my weekends are dominated by kids’ activities: swimming, volleyball, basketball and cross country. We are also into retro video games and have the original Nintendo, Super Nintendo and Sega Genesis. We broke down and bought a Nintendo Switch during the pandemic. We have spent way too much time playing Breath of the Wild and Mario Kart.

Finally, we started playing more board games when we were unable to leave the house and travel. Some of our favorites include Ticket to Ride, Pandemic and Sequence. Pre-pandemic our family loved to travel. Our favorite destinations include Costa Rica, the big island of Hawaii and the Oregon Coast.

Dr. Walker dedicates himself to educating medical students, residents and fellows, performing numerous one-on-one teaching sessions and mentoring younger physicians. His devotion to education has been recognized several times, including receiving the Radiological Society of North America Honored Educator Award in 2013, the resident advocate of the year award in 2016/2017 and 2017/2018 as well as the teacher of the year award in 2013/2014, 2015/2016 and 2019/2020.

He was also the recipient of several teaching awards during his residency training including the resident educator of the year award for medical student education, the resident/fellow award for outstanding educational leadership, and the resident peer educator of the year award.

[Courtesy: University of Kansas Medical Center faculty website]
March 10th was the annual Radiology Research Day, which kicked off with guest speaker Matt Lungren, M.D., Principal for Clinical AI/ML at Amazon Web Services, who gave an engaging speech about his career in research.

The department gathered virtually to hear presentations by our trainees: Drs. Yun An Chen, Parisa Forouzan, Kara Fitzgerald, Xin Wang, Shamus Moran, Avanti Gulhane, Anum Kazerouni, Yin Guo, Cody Rissman, Lisa Johnson, Wesley Surento, Kaiyu Zhang, Janis Yee, and Charlie Davis.

A big thank you to Drs. Dushyant Sahani, Habib Rahbar, and Karen Ordovas for moderating and to Dr. Paul Kinahan for all his efforts in organizing and leading this event. We look forward to continuing our annual research tradition next year, hopefully in-person.

– Shamus Moran, MD, PGY-5 Research Chief Resident

In February, trainees were treated to a talk by Dr. Delphine Chen, Professor of Nuclear Medicine, Director of Molecular Imaging at SCCA, on clinical trials. Trainees learned about the different phases of clinical trials and the advancement process with special attention paid to radiopharmaceuticals. Dr. Chen shared her own experience, which shed light on the personal and professional benefits of participating in clinical trials.

“Immersion Weekend” for Underrepresented Students receives funding support from Rohrmann Endowment

The UW Radiology Equity, Diversity and Inclusion’s (EDI) subcommittee “Build a Pipeline” will host 15 underrepresented students from local high schools, for an Immersion Weekend on April 23-24, 2022. This exciting event is the culmination of over two years of planning by dedicated faculty, trainees, and staff to provide students with an enriching experience of being introduced to careers in medicine. The curriculum was developed with the goal to provide a two-day program to expose underrepresented high school students to clinical medicine through the lens of radiology and its sciences. UW Radiology has partnered with Technology Access Foundation (TAFF), Rainier Scholars, and Northshore School District for student participation.

Curriculum:
- Introduction to medicine through a Radiology lens
- Department tour
- Basic anatomy
- Ultrasound
- Radiography
- CT

The Rohrmann Endowment has provided funding support for phantoms to train students
AUR and ARRALD: Residents receive funding from Rohrmann Endowment for National Meeting

I am so happy to have participated in the AUR Radiology Resident Academic Leadership Development (ARRALD) program this year. ARRALD is a well curated, four-day course at AUR for about 30 PGY-3 colleagues nominated from programs across the country.

Through group and individual activities, we focused on learning and refining leadership skills. We tackled scenarios on conflict resolution and difficult communication, elevator pitches and public speaking, techniques to start and run quality improvement projects, research and publishing, and so much more.

We all thoroughly enjoyed connecting with each other and meeting radiology mentors from across the country. Thank you to the Rohrmann Endowment for helping fund this incredible experience! – Kara Fitzgerald, PGY-3 Integrated IR Resident

I was honored to attend the 2022 AUR annual meeting both as a first-author research presenter and as an upcoming chief resident. Over the past year I helped write a systematic review on artificial intelligence use in screening mammography with Drs. Christoph Lee and Katy Lowry (among others outside of UW), and I had the wonderful experience presenting our paper at AUR. Also, getting to know and learn from peer chief residents was invaluable.

I am so thankful to the Rohrmann Endowment for making resident conference travel more accessible and for the opportunity to attend! – Anna Anderson, MD, PGY-4 Diagnostic Radiology
UW residents Lisa Johnson and Shamus Moran, with mentorship from past and present UW faculty including Drs. Puneet Bhargava, Jonathan Revels, Mariam Moshiri, Charles Rohrmann, and Bahar Mansoori, recently published *Fluoroscopic Evaluation of Duodenal Diseases* in *RadioGraphics*. Not only was their article published in *RadioGraphics*, but imaging from their manuscript was featured on the front cover of the March-April 2022 print edition.

Corresponding author Dr. Mansoori (pictured left) had a unique opportunity to tour the *RadioGraphics* office in March and meet with the editor, Dr. Cooky Menias, during the Society of Abdominal Radiology’s annual meeting in Scottsdale.

Lisa and Shamus are grateful to have worked alongside such a fantastic team of mentors, with special acknowledgement of Dr. Mansoori for her enduring support and dedication to this project.

The journey from an RSNA educational exhibit to a *RadioGraphics* publication has been an invaluable learning experience.

– Shamus Moran, MD, PGY-5 and Lisa Johnson, MD, PGY-5

The March 2022 cover image: *Fluoroscopic Evaluation of Duodenal Diseases*

One of the best parts of working at UW is to have amazing younger colleagues to collaborate with – both resident and fellow attending colleagues. For our work to become a cover feature for a major radiology journal is a rare event. The Rohrmann Endowment has graciously covered expenses for medical illustrations that sets us up for RSNA awards and *RadioGraphics* invitations for many years now. For this cover feature, the best cases came from Dr. Rohrmann’s collection himself – cases collected over 40 years of a career in GI Radiology. His legacy truly lives in all of us in the department. Dr. Rohrmann’s “Barium Rock” (pictured) is one of my most treasured radiology mementos. Kudos to Dr. Mansoori for her mentorship and to Drs. Johnson and Moran for their many months of hard work to make this article something we can all be proud of and remember fondly for many years.

– Puneet Bhargava, MD, Professor

I am very pleased for the success of this article and the others that have used the legacy PACS and Lightbox files to access classic examples of GI conditions. Many of these cases were acquired by UW Radiology residents and faculty in the years prior to universal digital imaging. They are the scanned images of the highest quality of film-screen techniques. UW Radiology alumni may recognize cases they actually performed at our hospitals, such as the outstanding images of duodenal TB presented on the *RadioGraphics* cover, that were obtained at Harborview Medical Center!

– Charles Rohrmann, MD, Professor

Thank you Dr. Rohrmann and the Rohrmann Endowment for making the impossible possible! As a member of the UW Radiology family, I would like to take the opportunity to thank the Rohrmann Endowment for continued support of our residents’ research and educational endeavors. Special thanks to our super star residents Drs. Johnson and Moran for their tireless work on the paper and to my mentors Drs. Rohrmann and Bhargava for unconditional support throughout each and every step of this project.

– Bahar Mansoori, MD, Assistant Professor