



UW Medicine Rohrmann Endowment for UW Radiology Resident Educational Excellence

SPRING 2018

Your gifts to the Rohrmann Endowment support UW Radiology's Templeton Library

The Department hires a new library intern (first year Master of Library and Information Science student) each academic year from the UW iSchool. Kelly Chandler, Library Intern 2017-18, reflects upon Templeton Library.

Into the Future

Since its beginnings in 1980, the Frederic E. Templeton Library has served the University of Washington Medical Center's Radiology Department by providing specialized resources, services, and support. Over time the library has grown and expanded. Interns have come and gone. What does the future hold in store for the Templeton Library?

The state of libraries is constantly transforming and, in turn, libraries are transforming communities. The Templeton Radiology Library will continue to provide the most up-to-date resources, immediate reference assistance, and organized space for meetings and work. Services such as research assistance, collection development to expand and maintain materials, and creation of informational content to meet departmental needs will stay as features of the library. As important as these services are, there are many avenues for the library to still explore.

In the upcoming years Templeton Library has the opportunity to continue expanding its online presence. This social media strength will continue to spread the word of the numerous accomplishments and passion for mindful patient care this department holds. Community engagement with faculty, fellows, residents, administrators, and the greater UW Medicine family will be nurtured - the intern attending more meetings to not only share information on the latest resources, but to build concrete, genuine relationships with the innovators of this department.



LIBRARY BY THE NUMBERS

6

Library Interns
since 2011

18

Print Journals

487

Books

1365

Resources in the
Collection

5000+

eBooks (partnered
with UW Libraries)



See page 6 for more information
about the Templeton Library!



UW Radiology Alumnus James W. Murakami, MD

Elizabeth Perera, Director for Philanthropy, UW Medicine Advancement, recently had the pleasure of interviewing Dr. James Murakami

Radiology plays a major role in diagnosing diseases, and it touches all areas of medicine. Yet often radiologists don't have as much contact with their patients compared with other specialists. As an interventional radiologist at Nationwide Children's Hospital, you have more interaction with your patients and their families. What do you like about this aspect of your job, and what are some of the specific challenges?

I feel very fortunate, because the rewards of my profession vastly outweigh the challenges. I do interventional radiology every day, so I get to know my patients and their families quite well. The bonds we form can really be profound. This level of intimacy can sometimes cause no small degree of heartache, but the flip side is that there is nothing else like getting a hug from a grateful two year old!

Teaching is another aspect of my job that I really enjoy. The paradigm of medicine is often structured around the idea that the surgeon is the treating specialist and the radiologist is the diagnostician. I enjoy mentoring my students and introducing them to the paradigm where the Interventional Radiologist is both Diagnostician and Surgeon.

You have made such significant contributions to your patients and to the field of interventional radiology. How did your time as a resident and fellow at UW Medicine and Seattle Children's Hospital help you on your career path?

The superb faculty at UW Medicine and Seattle Children's are without parallel. My time as a resident and fellow at both of these great institutions helped me to learn the basics and, more importantly, to learn how to learn.

When I was a resident in the 1990s, there was a new program available where one could pursue a master's degree in bioengineering. Dr. Jim Nelson encouraged me to apply. I did, and I was really fortunate to be accepted. This program allowed me to explore what it means to do research and to be an innovator.



James Murakami, MD

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?

Singling out anyone necessarily ignores the others, so this is a difficult question. I had many wonderful teachers but think most fondly of my time at Harborview working for Drs. Melvin Figley, Sid Nelson, and David Christie who, between the three of them, represented nearly 150 years of experience. And of course there's Dr. Chuck Rohrmann, who for me was like a combination of both teacher and parent. When you worked with Dr. Rohrmann clinically, you would work for the day, and he'd have you organize prior x-rays into coherent stories. He always expected the best from his students, who would often show up to work an hour early because they didn't want to disappoint him. I owe so much to Dr. Rohrmann for a great start on my journey.

Dr. Bill Shiels was one of my more recent mentors. He pioneered treatments for several "orphan diseases," defined as diseases that affect less than 1 in 100,000 people. He was a free thinker and received many awards. When Bill passed away, which was much too soon, I inherited his programs. As such, I find myself in a strange and exciting time in my career.

What was your journey to becoming a pediatric interventional radiologist?

After doing my residency at UW Medicine, I did a pediatric fellowship at Seattle Children's. They needed an interventional radiologist there, so they had me do a mini-fellowship to learn pediatric IR in Pittsburgh.

"I could never ask for a better doctor than you. I am going to make the world a better place just like you." ~Caroline, a 7-year old grateful patient of Dr. Jim Murakami's

I once envisioned a career in academic radiology, but have over the years figured out that I am more of a caregiver at heart. It is what I enjoy, what I think I have some aptitude for, and it is what my employers have needed.

I have been at Children's Hospital in Columbus for about 19 years and we have grown from about 150 beds with that old name to 550 or so with the new name Nationwide Children's. To give you just one example of a day in the life of my job now, today I met with a pair of young doctors from our main adult hospital (anesthesiologist and MSK radiologist) to discuss the care of their beautiful 6-year-old daughter's acetabular tumor for which there is simply no realistic treatment except what we offer and it actually works. How great is that!

Nationwide Children's Hospital has recently become a Destination Medical Center (DMC) for select rare diseases. What is it like to be a DMC physician?

Being a DMC for specific diseases means that we provide services and treatments that patients simply can't easily get anywhere else, most often because their disease is rare. For this reason, I see patients from all over the world. Helping children with difficult medical problems access care in the face of obstacles such as travel, finance, and culture is very rewarding. I find helping people to be the most enjoyable aspect of my job. I have learned a lot about what it means to be a DMC physician. The medicine, the families, the travel, the communication, the finances (US and International insurances and charities). In my weaker moments I imagine I ought to write this up or speak about how to do all this as I have had to make so much of it up. But, I have been too busy to contemplate that right now.

What advice do you give to radiology residents today?

I tell our residents that it's all about the people and the relationships we form with others as radiology specialists. When I train them, I try to channel Dr. Rohrmann. Needless to say, I have very high expectations of our wonderful residents.

What are some of your favorite activities outside of work?

I am fortunate to have my health. I live near a river, and one of my favorite hobbies is barefoot waterskiing, which I also did on Lake Washington when I was a resident. I love the outdoors, and enjoy skiing, hiking, and kayaking. I love learning new things. For example, I'm enjoying the process of learning more about fundraising, which is new to me. I also enjoy spending time with my wonderful wife Christine and our sweet dog who is a Havanese. They keep me on track!



"Barefooting!"

"The superb faculty at UW Medicine and Seattle Children's are without parallel. My time as a resident and fellow at both of these great institutions helped me to learn the basics and, more importantly, to learn how to learn."

You can support Radiology Resident Excellence!
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Seattle/King County Clinic Experience - Funded by the Rohrmann Endowment



I was honored to take part in the Seattle/King County Clinic (SKCC) this past fall, an event which epitomizes the unity and compassion of the Seattle medical community. Upon arriving at the SKCC, I was prepared to spend a day in the radiology suite working side-by-side with my UW Radiology attendings, however the atmosphere was quite different than to what I was accustomed. That day, our patients were not in a room waiting for their primary care practitioner to convey the results of their imaging findings - the patients were outside in the hallway, waiting for ... us!



UW Radiology volunteers at Seattle/King County Clinic (L to R): Safia Cheeney, Tom Anderson, Sadaf Bhutta, JanieLee, Rachael Edwards

Dr. Charles Rohrmann was the morning attending responsible for the radiograph reports that day. I worked alongside him as we reviewed a wide variety of cases, usually of patients with minimal medical histories. He never missed an opportunity to show me some unique finding or quiz me on identification of abdominal medical devices. The most memorable moment occurred, however, when a question arose which we could not answer ourselves, so Dr. Rohrmann

said something I had not yet heard as a radiology resident, "Let's see what the patient has to say." It was an unparalleled experience - I was able to spend time discussing imaging results directly with patients, answering their questions and sometimes even showing them their imaging findings from our screens. Most of the patients seemed genuinely grateful for these simple gestures. This is when I realized why the SKCC was such a special event - not just for the under-served patients, but for all the volunteering practitioners.

Mammography is an important

part of the radiology services offered at the SKCC as well. I had never before worked in breast imaging, however Dr. Diana Lam, without hesitation, had me pull up a chair and started teaching me about breast calcifications and BIRADs standards. There

were several instances in which patients would need follow-up based on their results and they were given the ability to make appointments for followup at Seattle Cancer Care Alliance while at the SKCC, immediately after their mammography read. There were several Spanish-speaking patients who received care by our radiologists, however some struggled to make follow-up appointments due to the language barrier as interpreters were extremely busy.

Therefore, I was able to lend a hand and again speak directly to patients to help them understand why they needed a follow-up or translate to establish appointment times.

I did not realize when I volunteered at SKCC that the service we would provide went way beyond the confines of the radiology suite. Directly sharing knowledge with patients while simultaneously building my skill set by directly working with UW faculty made for an unforgettable day. I am so pleased to be a part of our UW Radiology department who train us to look beyond image pixels to discover the unique patient we truly have before us.

- Patty Ojeda, MD
R2 Radiology Resident

Editor's Note: The Seattle/King County Clinic volunteers (over 4,000 strong) provided vision, dental, and medical services to over 4,345 individuals. UW Radiology (from UWMC, Seattle Children's, and SCCA) volunteers contributed to providing 150 X-rays, 119 ultrasound exams, and 241 mammograms. Funds from the Rohrmann Endowment provided support so residents could participate in this valuable learning and service experience.



Rachael Edwards and Tom Anderson in the Reading Room at SKCC

The Rohrmann Endowment Funds help support Resident Volunteer Day

This February, UW Radiology residents, faculty, and their families had another fantastic day giving back to our community. This year, we worked with the Seattle Union Gospel Mission to volunteer at two different homeless shelters - the Men's Shelter in downtown Seattle and the Hope Place Women and Children's Shelter in Burien.

Volunteers at Hope Place started the day playing chef, cooking a fantastic Italian feast for dozens of Hope Place residents and their children. The volunteers had a great time together preparing spaghetti and meatballs, garlic bread, salad, dessert, and more! After working hard in the kitchen, the volunteers served their meal to the Hope Place residents. Mothers and their children came pouring down from the upper floors where most of the residents live.

Meanwhile, volunteers at the Men's Shelter were doing heavy lifting from the storage room to the kitchen while a real chef (Miss Angie) made the largest vat of beef stew ever seen. When the doors opened, an

assembly line of radiology residents and the residency program director, Dr. Angelisa Paladin, built plate after plate for hundreds of hungry men from the streets of Seattle. It was amazing to see what adding a simple smile and word of acknowledgment to the dish could do for people. Afterwards, Miss Angie had us slap together PB&J on an industrial scale, a life skill which will surely come in handy when we have school-age children.

Regardless of the site, volunteers repeatedly commented on how rewarding their experience was and how fulfilling it was to feel such gratitude from the myriad of people served. It felt like a unique opportunity, yet it has been here all along. Such activities certainly impact not only the lives of those who were served, but the servers as well ... sometimes even more so. We unanimously agreed we must come back again!

- David Pierce, MD, R5 Radiology Resident

- Jake Sharp, MD, R3 Radiology Resident



David Pierce, R5, looking stunning in his hair net and apron as he stirs one of many massive pots used to feed the women and children of Hope Place



Dr. Paladin and Dr. Flowers keep it all smiles as they carry box after box from storage to the kitchen



Our Program Director, Angelisa Paladin, and Michael Flowers, R2, model the ideal plate with Dave, one of the UGM kitchen staff at the Men's Shelter



Marissa Lawson, R2, David Pierce, R5, and John Wu, R2, help clean up after an afternoon of caring for the women and children living at Hope Place



Kyle, Cameron, and Michael (left to right) yuck it up as they mix the monstrous bowl of peanut butter and jelly used to make scores of sandwiches for the homeless men of downtown. Angelisa (far right), a PB&J making veteran, whips out sandwiches at break-neck speed

Rohrmann Endowment supports participation in 2018 Student National Medical Association (SNMA) Annual Medical Education Conference

The 2018 SNMA Annual Medical Education Conference was hosted in San Francisco, CA from March 28th-April 1st. Over 1000 participants including pre-medical and medical students, residents, faculty and speakers from around the country were in attendance. The theme this year was *Embracing our Diversity: Filling the Gaps and Building the Future*. The mission of SNMA is focused on supporting underrepresented medical students, increasing awareness of cultural competency and its importance in clinical care and addressing the needs of underserved communities.

Representatives from approximately 150 residency programs and organizations such as the American Academy of Pediatrics and the Committee of

Interns and Residents, were present for the professional exhibition fair. University of Washington School of Medicine and Seattle Children's Hospital were well represented by members of the UW Network of Underrepresented Residents and Fellows (NURF). This included residents and faculty from Diagnostic Radiology, Anesthesiology, Family Medicine, Pediatrics, Physical Medicine & Rehabilitation and Internal Medicine. Of note, the residents representing the Department of Radiology included R2 Segen Aklilu and R3 Toluwalase Ashimolowo.

Resident participation at the SNMA AMEC allowed for networking with pre-medical and medical students from across the country with the hope to

increase interest in Diagnostic and Interventional Radiology as well as increase awareness of the Department of Radiology Diversity Visiting Student Clerkship. Our residents were also able to connect with faculty from medical schools with historically diverse populations to increase interest in our program.

- Segen Aklilu, MD
R2 Radiology Resident



TEMPLETON LIBRARY: THE RESULTS ARE IN! WHERE DO WE TAKE THE LIBRARY NOW?

[Editor's Note: Kelly Chandler, Templeton Library Intern, has surveyed the UW Radiology Faculty, Fellows, Residents, and staff about their use of the library, as well as solicited ideas for expanding the collection and ideas for improvement.]

What have these surveys shown us? There is unsurprisingly increasing demand for electronic resources and easy means to access them. In the upcoming years, the library will continue to build upon its strong relationship with the Health Sciences Library and UW Libraries at large to ensure that the Radiology Department has the most current resources, research assistance, and electronic tools.

As of 2018, the Frederic E. Templeton Library is an official member of the National Network of Libraries of Medicine (NNLM), providing additional tools and training to pass on to the department such as data visualization, bibliometrics, and race and equity in health care.

Many people have commented on the library's physical space for studying and meetings as a popular use. How can the Templeton Library re-envision its

environment to reflect the needs of the department - more desk space, more ergonomic chairs, new signage, or a more minimalistic resource organization? As new resources are added, the library must continually evaluate space and design to present a peaceful space as well as provide a navigable collection. With these goals and values in mind, the library will continue to assess organization and presentation of the collection.

This year we have expanded to include books outside the scope of radiology to support the multifaceted, complex nature of radiologists. Purchasing books on business management, education, and emotional intelligence allude to the richness of the radiologist experience. In line with our goal to support the needs of the department, the library has provided these resources to provide immediate access to this content. Additionally, as of this year, the Templeton Library has an official collection development policy for transparency of collection development processes.

- Kelly Chandler
Templeton Library Intern

2018 Annual Pre-Health Conference by the UW Minority Association of Pre-Medical Students (MAPS)

The annual pre-health conference is a highlight of the MAPS organization at the University of Washington. It is open to all high school and undergraduate students in the Seattle area. The theme for this year's conference was "Redefine Healthcare: Inspiring the Next Generation of Healthcare Professionals." In addition, the goal was to emphasize the importance of diversity in healthcare in order to better address inequities in the quality of healthcare for underserved communities.

Members of the Department of Radiology were excited to participate in this year's conference with a desire to both expose high school and college students to Radiology, but more importantly support the initiatives by organizations like MAPS and the sponsoring organization Center for Health Equity, Diversity and Inclusion (CEDI). The mission of CEDI is to promote diversity and inclusiveness in the University of Washington School of Medicine community.

Ultrasound workshops were organized and led by two R2 radiology residents: Drs. Segen Aklilu and Ethan Hua as well as our Associate Residency Program Director for the Department of Radiology, Dr. Diana Lam. Over 100 students were in attendance and rotated through our workshop stations, which

included a brief discussion on the utility of ultrasound in both diagnosis and treatment as well as hands-on stations. The students were able to learn how



to scan intra-abdominal organs, peripheral vasculature and even how to perform ultrasound-guided breast biopsies on models.

It was truly a pleasure seeing students excited and enthusiastic to learn anatomy through the interactive ultrasound sessions. Also of note, the students were able to differentiate some basic tissue types on practice cases after learning about density/echogenicity during the discussion. Overall, we enjoyed partnering with MAPS and

CEDI for another exciting and educational event while promoting diversity in the field of Radiology. We look forward to continued involvement in initiatives like this!

- Segen Aklilu, MD, R2 Radiology Resident



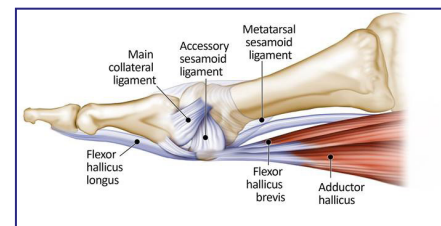
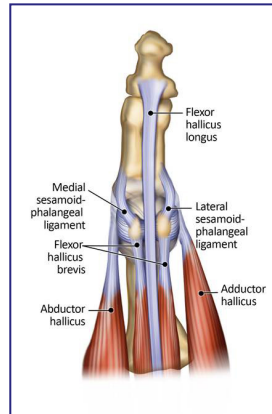
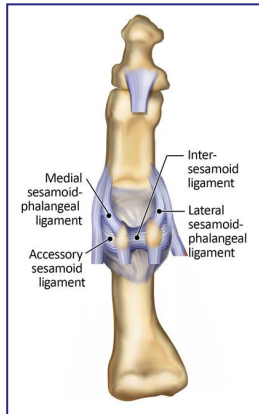
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Medical Illustrations funded by the Rohrmann Endowment

The Rohrmann Endowment supported funding for medical illustrations on two educational exhibits titled “Turf Toe: An Update and Comprehensive Review” and “Posterolateral Corner of the Knee: An Update and Comprehensive Review.” These educational electronic exhibits were presented at the annual ARRS meeting in Washington, D.C. in April of this year, by Toluwalase Ashimolowo, MD, UW Radiology R3 Resident.



Rohrmann Endowment supports residents' attendance at the Latino Medical Student Association's (LMSA) 34th Annual West Regional Conference

With the support of the Rohrmann Endowment two of our radiology residents traveled over 1,100 miles to mentor, inspire and recruit some of the best and brightest students the Western states have to offer. Our Radiology residents attended the Latino Medical Student Association's (LMSA) 34th Annual West Regional Conference at the University of California, Los Angeles. The theme of this year's conference was “Breaking Borders, Building Bridges: Paving the Future of Medicine.” The annual conference aims to inspire Latino students to enter professional healthcare as well as provide career development and leaderships skills for current health professional students.



Our residents played an active role in providing mentorship during the two-day conference. On the first day

of the conference our resident Maria De Jesus Quezada, R2 developed and delivered an hour long workshop entitled “Why Medicine?” Over 40 young aspiring students filled her classroom. Her workshop explored medicine as a calling and the unique challenges that young aspiring doctors from marginalized communities face.

On the second day of the conference our residents Patricia Ojeda, R2 and Maria De Jesus Quezada R2 as well as two internal medicine residents staffed a recruitment table during the informational session. Over one hundred medical and pre-medical students stopped by to learn about the University of Washington Medical School and the Graduate Medical Education programs. The students were encouraged to explore Radiology as a specialty and to visit the University of Washington as sub-interns. Overall, the LMSA West Conference was a wonderful opportunity to inspire and mentor future physicians, which will soon enrich the medical field with their intellect and unique backgrounds.

- Maria De Jesus Quezada, MD
R2 Radiology Resident