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UNIVERSITY OF MICHIGAN
DEPARTMENT OF RADIOLOGY

NEWS AND NOTES

ISSUE 11 SPRING 2018

DR. DUNNICK STEPS DOWN, ENTRUSTS COLLEAGUES WITH LEADERSHIP LESSONS

After 26 years of service, N. Reed Dunnick, MD, Fred Jenner Hodges Professor of Radiology, stepped down from his position as chair of the Department of Radiology at the University of Michigan.

During his career he has served as president of 10 professional radiology organizations, written 328 scientific papers, 62 book chapters and 11 books on radiology, including some recent works on administration. For 85 medical centers, he has served as a visiting professor, and for 481 continuing education courses, he has been a guest faculty. Dr. Dunnick considers his greatest contributions to UM to include recruiting good trainees, radiologists and faculty; ensuring that the department works within the culture of the institution and the mission of the medical center and helping to make the department a role model for other radiology departments around the country.

“In all professions, leadership means working with people,” says Dr. Dunnick. He portrays calmness in the face of crisis. “I have never seen Reed lose his cool. He always takes a calm and measured approach to issues. I learned no matter how large the crisis, it cannot be improved by panicked or hasty responses. Thoughtfulness trumps irrationality every time,” says James Ellis, MD, William Martel Collegiate professor.

For radiologists, staff or future leaders who will assume his duties or simply wish to learn, Dr. Dunnick shares timeless messages for management. The first step to getting anything done is to be clear about the vision and what you’re trying to accomplish, says Dr. Dunnick. “Express the vision in such a compelling way that people will buy into it. You want the

people on your team to understand the expectations and responsibilities and to be in agreement with them. Next, empower people by providing resources so they can do the job. Then, monitor their progress. Provide encouragement and celebrate successes. Make sure you give everyone all the credit they deserve. It’s amazing what you can accomplish if you give others the credit.”

Dunnick respects the effort required of people who try to improve their work performance. “They have to recognize the weakness and want to change. Neither of those is as easy as it sounds,” says Dr. Dunnick. He advises working with people to determine how they can change by using human resources, courses, books and reading material.

Dr. Dunnick’s ability to understand people, assess their talents, and motivate them is unequalled, says Dr. Ellis, “Reed is a master at recognizing people’s strengths and playing to them. I wish I had that skill set even in small measure compared to Reed. Many times over the years he has chosen a faculty person for a task, someone I probably wouldn’t have considered for the task, and that person performed exceptionally and at a high level at that task because Reed recognized their abilities and interests.”

“We are each a product of our own biography. I try to learn by reading books and articles and watching successful leaders,” says Dr. Dunnick. He recommends “Getting to Yes” by Roger

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FROM 1992 TO 2018

Dear Michigan Radiology Alumni, Friends, and Family:



N. Reed Dunnick, MD

It was a quiet week between the Christmas and New Year's Day holidays in 1991 that then Dean Giles Bole called and offered me the position of Chair of the Department of Radiology at the University of Michigan. I accepted immediately and signed the official offer letter the next week. Since then, I

have been thinking about how to make our department one that is truly outstanding. The answer is simply to recruit the best faculty, and "your success has been our success."

Starting with that class of 1992, we have trained 261 residents, 642 fellows and countless numbers of medical students. We have also provided CME courses in Ann Arbor, "at the beach", "in the desert", "in the mountains", and on Mackinac Island as well as other venues around the country. Members of our faculty have participated in numerous courses sponsored by other universities and our many professional societies. Our educational outreach has been enormous!

The University of Michigan is a leading research institution, and radiology has been a big part of that productivity. Our department has consistently ranked in the top 10, and usually in the top five of university departments in NIH funding. While most of this is due to the innovative work done by our basic science faculty, many physician investigators have contributed as principal investigators or valuable collaborators as well. Our imaging enterprise is critical to the research conducted by many investigators, not only in the medical center, but also throughout the greater university.

Ranked this year as the 6th "Best Hospital" and 9th best radiology department in the United States by US News and World Report, patient care is at the core of our academic medical center. As essential as our teaching and research programs are, it is the clinical service that provides the necessary revenues to support those activities. In 1992, we performed 251,069 examinations at the university hospitals. This year we are on track to perform almost 700,000 examinations across 14 locations. In addition

to sheer volume increases, we also are experiencing increasing complexity of these examinations as we now do disproportionately more CT and MR examinations than in 1992.

Our professional societies provide leadership opportunities for our faculty and raise the profile of our department. Members of our faculty have served on the governing bodies, and often as president, of all the general radiology societies and many of the subspecialty societies. Four of our faculty have served as editors-in-chief of 7 different medical imaging journals.

The practice of medicine is changing. At one time, patients were admitted to the hospital for their work-up, treatment and rehabilitation. In order to reduce the cost of that healthcare, and to allow patients to live in their homes longer, care is now primarily delivered in an outpatient setting. We have similarly expanded the locations of our imaging services. From one off-site facility (Briarwood) in 1992, we now offer imaging at eleven off-site facilities, with another, Brighton South, slated to open this fall. This would not have been possible without digital imaging, a robust Picture Archive and Communication System (PACS) and the cadre of talented information technology experts who built and maintain it.

As consolidation in healthcare increases, we must grow our network in order to assure the referral base of covered lives needed to support our training programs. We have expanded beyond our region with a variety of relationships in Flint, Grand Rapids, the Saginaw Bay area and Traverse City. Bringing Michigan Medicine quality to all of these sites will present additional challenges, but I know we will rise to the occasion.

Edward R. Murrow ended his broadcasts with "Good Night and Good Luck." I am not signing off, but moving to a different phase of my career. I am in the first year of serving as editor-in-chief of Academic Radiology and have begun work on writing the history of our department. I hope that I can be helpful to both the department and the faculty, trainees and staff who comprise it. So, it is not "good night." And I have the confidence in you that "good luck" is not necessary, though hard work and attention to detail will always be needed. I much prefer to conclude with "Good Morning and Go Team."

Regards,

N. Reed Dunnick, MD

ENERGETIC EMERITUS: JONATHAN M. RUBIN, MD, PHD

After 32 years at UM, Jonathan Rubin, MD, PhD, professor of radiology, has transitioned to active emeritus. To be specific, very active emeritus.

“I’m in control of my time now, and I can do what I really like – which is ultrasound imaging research. In the past, I combined that with clinical work,” says Dr. Rubin whose current interest is measuring blood volume flow. “The present techniques are cumbersome and error prone, and they are rarely used to measure true blood flow,” says Dr. Rubin. “Using ultrasound, we have a way to measure true blood volume flow that doesn’t have any of the limitations of the present techniques.”

“I’ve been able to do a lot of things that I love and to see the technology that I’ve help develop applied all over the world,” he says.

He has 13 patents, co-authored 228 peer-reviewed journal articles, and had more than 125 invited presentations. His awards are equally impressive: Medical Alumni Award, University of Chicago, Pritzker School of Medicine (1974), Joseph Capps Prize from the Institute of Medicine of Chicago (1975), Memorial Award from the AUR (1978), Stauffer Award from the AUR (1984), ARRS Executive Council Award (2002), Society of Radiologists in Ultrasound Larry Mack Research Award (2003), ARRS Executive Council Award (2004), Mentor of the Year Award Department of Radiology (2004), UM Medical School Innovations Award (2005), American Institute of Ultrasound in Medicine Joseph H. Holmes Clinical Pioneer Award (2007), Society of Radiologists in Ultrasound Lawrence Mack Lifetime Achievement Award (2011), and Distinguished Investigator, Academy of Radiology Research (2012).

He received his B.A. in chemistry from the University of Utah in 1969. He earned his medical degree from the University of Chicago, Pritzker School of Medicine (1974), and received a doctorate from the Department of Biophysics and Theoretical Biology (1977). He finished his internship and residency at Pritzker School of Medicine (1977).

He has been actively involved with the American Institute of Ultrasound in Medicine, Radiological Society of North America, Society of Radiologists in Ultrasound, American College of Radiology, Acoustical Society of America and IEEE.

Dr. Rubin was an assistant professor and a clinical chief of computed tomography and ultrasound in the Department of

Radiology at the University of Chicago, Pritzker School of Medicine. In the Department of Radiology at UM, he held the William Martel Collegiate Professorship. Also, he was the director of the Division of Ultrasound in the Radiology Department at UM Hospitals.

Similar to other radiologists at UM, Dr. Rubin is conscientious about delivering high-quality patient care. However, having a doctorate in physics makes him unique.

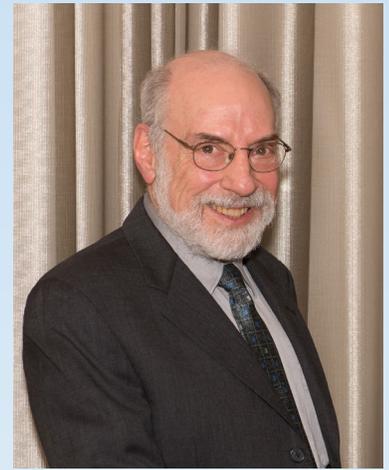
“I understand how images are produced, and I know what physicists and engineers need. I can speak their language and act as a translator for medical specialists and basic scientists. Doctors often know what the problems are, but they don’t always know the solutions. Physicists know what the solutions are, but don’t know where to apply them. In that regard, I have unique skills.”

During Dr. Rubin’s residency, his mentor James Bowie, MD, a then-professor of radiology at the University of Chicago, encouraged him. “He was an extremely thoughtful and careful thinker who inspired me to go into ultrasound. It was a decision based on the convergence of my interests and skills,” says Dr. Rubin.

Along his career path has been is wife of 42 years, Gretta Spier, a “professional volunteer” and docent at the University Art Museum. “She’s a great intellectual and emotional support. She’s a really good person,” says Dr. Rubin.

According to Ellen Higgins, PA, cross section interventional radiology manager in the Radiology Department, “He has had a significant impact on the department and on my radiology career. He is extremely intelligent but very, very humble. He’s funny and yet an amazing researcher. He has an inquisitive mind, and he is always looking for new advances in ultrasound,” she says of Dr. Rubin who has been her mentor and boss for 20 years.

Says Dr. Rubin, “I’m constantly amazed by how many interesting things there are out there to think about. As long as I can do this, I’ll continue.”



Jonathan M. Rubin, MD, PhD



Multidisciplinary TAVR conference

A MODEL CARDIOVASCULAR COLLABORATION: THE MICHIGAN MEDICINE TAVR PROGRAM

It takes more than knowledge and precision to insert a new valve into the heart through the groin, the arm or the chest wall. The complicated Transcatheter Aortic Valve Replacement or “TAVR” procedure requires another primary component: collaboration.

“This has been a truly collaborative program, and planning the procedure is heavily dependent on quality CT imaging,” says Stanley Chetcuti, MD, the Eric J. Topol Collegiate Professor of Cardiovascular Medicine, interventional cardiologist and co-director of the Structural Heart Program.

The UM TAVR program is the largest in the nation. Since its inception in 2010, the team has performed 960 TAVR procedures. Other interventional cardiologists leading the team include Michael Grossman, MD, and Dan Menees, MD, along with cardiac surgeons G. Michael Deeb, MD, Himanshu Patel, MD and Karen Kim, MD. “Bringing this team together empowers the program to maximize the quality of patient care,” says Dr. Deeb, the Herbert Sloan Collegiate Professor of cardiac surgery, and Director of the Multidisciplinary Aortic Clinic.

Ella Kazerooni, MD, MS, Director of Cardiothoracic Radiology, Professor of Radiology and Internal Medicine, and the interim chair, says “Our approach is to be an integral part of the team by consistently providing high quality and cutting-edge images, models and imaging phenotyping to match the high caliber of the TAVR program and Michigan Medicine.”

Radiology steps up and seeks to go beyond expectations for the TAVR program. “We have an excellent track record for valve sizing and access for device placement, providing critical information in patient and device selection, and constantly updating what we do to match the specific needs required for new devices.”

Nicholas Burris, MD, assistant professor of radiology, performs imaging oversight and attends the weekly TAVR conferences with the team of approximately 20 specialists, reviewing images with the team of surgeons and interventional cardiologists who make decisions for individual patients.

“As a radiologist, you’re not in the room doing the surgery, and sometimes the context of what you have interpreted on the images can be out of focus. It’s really important for a radiologist to have a clear understanding of what the TAVR procedure is and what the proceduralists need to know to prevent complications,” says Burris, who joined cardiothoracic radiology in July 2016.

“We provide measurements of the area in which the valve will be implanted, and then we determine the size and the brand to use, tailoring it to the patient’s anatomy. That’s critical because after the surgeons and interventional cardiologist deploy the valve, it may be impossible to retrieve it, and that can lead to bad or worse outcomes,” says Burris.

SPOTLIGHT

During the conferences, Dr. Burris responds to questions about the CT scan, the degree of disease in the valve, and he interprets the organs included in the scan. “We get the scan from the neck to the upper thighs, and we may find cancers or other diseases that were incidental and didn’t have symptoms,” says Dr. Burris. “Aneurysms or calcified plaque in the arteries of the groin and arm can prevent moving the relatively large catheter—about 6 mm in diameter—into the heart, so direct access into the heart is required.”

Equally important, the conferences are foundational for building relationships.

“There has to be some degree of trust because decisions will be made during the procedure, and the proceduralists will rely on the measurements that I give them,” says Dr. Burris. “After they’ve started the procedure, a lot of things are committed. Although the cardiologist can do echocardiography imaging in real time, there are limited opportunities to change course.”

“Challenging interpersonal dynamics can be a point where these types of programs fall apart,” says Dr. Burris. Cardiac surgeons and all subspecialized physicians providing this type of care require a lot of intensity. There are many opportunities for disagreement or conflict. The program relies on people working through these difficult discussions, and it bonds us together knowing and seeing that patients benefit from the richness of the discussions.

“You have to understand that people will have casual days and tense ones. It’s important to be calm, keep moving forward, and not be thrown off your base,” Dr. Burris says. “You need a strong commitment to the work and to long-term relationships.”

“Dr. Burris is a true partner and a fantastic resource for all of us. He has been outstanding,” says Dr. Chetcuti.

Relationships are formed in another workspace – the 3D Imaging Laboratory. Karen Barber, RT, (R) (CT), lab manager, works with highly specialized technologists to help determine if a patient is amenable to TAVR. Based on CT scan data, measurements are created utilizing sophisticated 3D computer software.

“We work very closely and communicate daily with the TAVR team. We are committed to the best possible care by providing

quality and accurate measurements to appropriately size these devices,” says Barber.

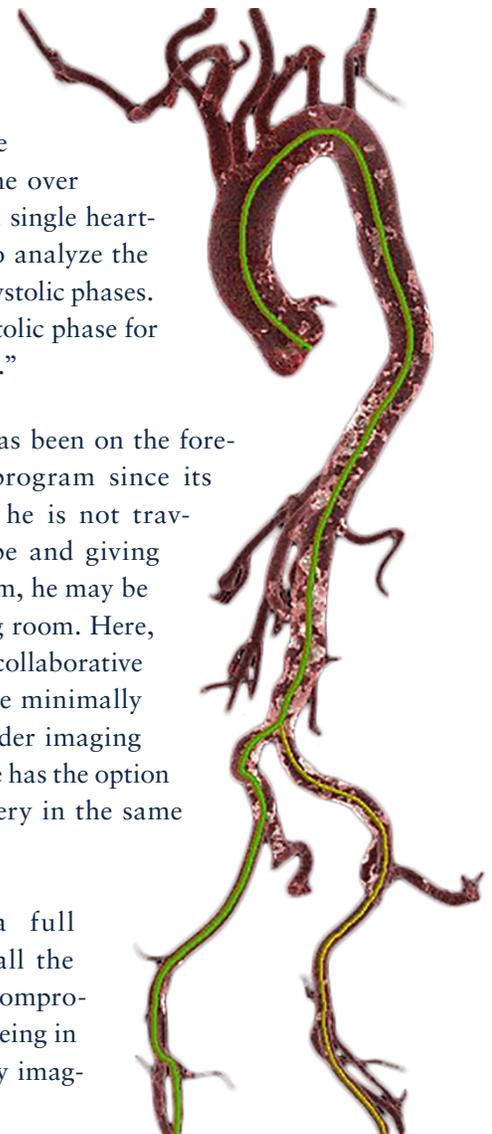
Measurements are made of the entire aorta and the aortic annulus. They provide guidance for obtaining access, for C-arm angulation and for deploying the device. In addition, the technologists create 3D renderings of the aorta and 3D maximum intensity projections (MIPs). Also, they create a movie of the aortic valve so surgeons can watch the valve opening and closing.

“Our biggest challenge is to overcome motion artifact from irregular heartbeats and to image the heart when it’s at rest,” says Barber. “When there is misregistration from heart rhythm irregularities, we have ECG editing tools to improve image quality. We reconstruct the CT scan into multiple cardiac phases from 0 to 95 percent of the heart-beat. Depending on the scanner, it can be done over several heartbeats or a single heart-beat. This allows us to analyze the aorta in diastolic and systolic phases. We choose the best systolic phase for measuring the annulus.”

Michael Deeb, MD, has been on the forefront of the TAVR program since its inception, and when he is not traveling around the globe and giving talks about the program, he may be in the hybrid operating room. Here, he is a member of the collaborative team that performs the minimally invasive procedure under imaging guidance, and where he has the option to perform open surgery in the same room if necessary.

“Having available a full operating room and all the personnel, we’re not compromising the patient by being in a room that’s primarily imaging,” says Dr. Deeb.

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2018 RSNA RECEPTION NOVEMBER 26

Save the date! We hope you'll join us for the annual reception of UM Radiology alumni and friends on November 26, 2018 during the 2018 RSNA meeting in Chicago. Enjoy food, friends, and spectacular views of the Windy City from the 16th floor of the Westin – Michigan Avenue. More information will be coming about this event.

RSNA® 2018
TOMORROW'S
RADIOLOGY TODAY



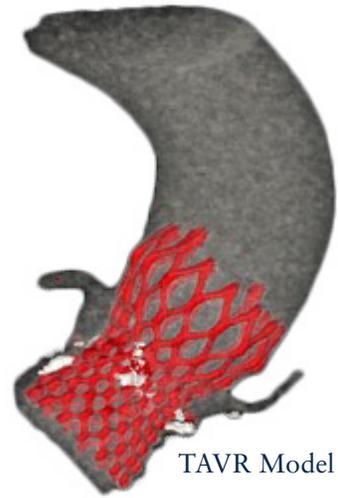
The band got back together for RSNA 2017 with singer Amy Guest, MD (residency, 2002 and fellowship, 2003), and Jon Jacobson (faculty) on guitar.

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Of the 960 patients who have had the TAVR procedure at the UM, only seven patients needed to be converted to an open procedure. “Because it’s a hybrid room, we don’t have to travel to the OR,” he says.

Dr. Deeb is on the executive board, steering committee and screening committee for the national TAVR trial. UM was one of the first sites for the Pivotal Trial for FDA approval of TAVR in clinical use.

“When the catheter valve was initiated, it was targeted for patients with severe aortic stenosis who were not candidates for heart surgery. For this group, the FDA required the valve manufacturer to collaborate with clinicians for clinical trials (Partner, Pivotal) that compared the safety and efficacy of the transcatheter aortic valve with medical therapy. The trials showed that the valve was significantly better than the medical therapy,” says Dr. Deeb.



TAVR Model

Next, the FDA worked with sponsors and clinicians to establish trials using the transcatheter aortic valve for patients who were surgical candidates but had a high risk of mortality. The outcomes were superior for the transcatheter aortic valve over the surgical valve, and there was less trauma to patients so the valve was approved. After a subsequent trial, the transcatheter valve was approved for patients with intermediate risk.

“Currently, we’re actively implanting the transcatheter valve in the three approved groups (extreme, high risk and intermediate risk) and we’re participating in a randomized study between open surgery and transcatheter valve therapy to prove the safety and efficacy of TAVR in the low-risk population,” says Dr. Deeb. “This is a new frontier, and our team is advancing health care. To be on the forefront keeps you energized and passionate.”

And this isn’t the final frontier. Percutaneous valves have extended already into mitral valves. “We’re excited to refine and contribute to that exhilarating future for our patients and other patients across Michigan, the US, and beyond!” says Kazerooni.

Passion, commitment, and consistent focus on the future: Herein lays the other constituents for the success of the UM multidisciplinary programs and teams with which Radiology faculty is an integral part.

For more information on the TAVR program see: tinyurl.com/UMtavr

Radiology in the Desert
Scottsdale, AZ
March 4 - 8, 2019



DEPARTURES

We will miss our departed colleagues, but we look forward to following their careers and developing new collaborations in the future. The institutions they join are truly fortunate!



Jeffrey Forris Beecham Chick, MD, MPH, DABR

Although Jeff was with us for only two years, he made an impact with his clinical work, teaching and research. He left in April 2018 to join a private practice group in Virginia.



Lorraine Fig, MD

After “only” 34 years in our department, Lorraine retired this year. She had been talking about it for several years, but finally did it, and we already miss her. A wonderful faculty, Lorraine not only excelled in our department, but also held a number of positions on boards of directors nationally. She is a recipient of the President’s Award from the American College of Nuclear Medicine, the Distinguished Service Award from the Academic Council of the Society of Nuclear Medicine, and the Lifetime Achievement Award for Education from the Academic Council of the Society of Nuclear Medicine and Molecular Imaging. This, in addition to being a 9 time recipient of the Special Contribution Award from the Department of Veteran’s Affairs.



Ethan Smith, MD

When a director of thoracoabdominal imaging was needed at Cincinnati Children’s Hospital was needed, Ethan Smith was the obvious choice. Cincinnati’s gain was our loss, as Ethan is an outstanding pediatric radiologist and wonderful colleague with whom to work.



Jonathan Willatt, MD

Jon Willatt is just what the Ann Arbor Veteran’s Administration Hospital ordered. Initially trained in radiology in the United Kingdom, he took fellowships in both abdominal imaging and vascular interventional radiology at the University of Michigan. His ability to serve as an outstanding faculty in abdomen as well as interventional radiology made him especially valuable at the VA where he spent the majority of his faculty years in our department.

2018 UNIVERSITY OF MICHIGAN RADIOLOGY TAILGATE SEPTEMBER 22

Join us for our annual football tailgate prior to the University of Michigan Wolverines vs. Nebraska Cornhuskers football game on September 22, 2018. More information will be coming about this event. Hotel rooms fill up quickly on game day weekends. Reserve your room now! Game time TBD.

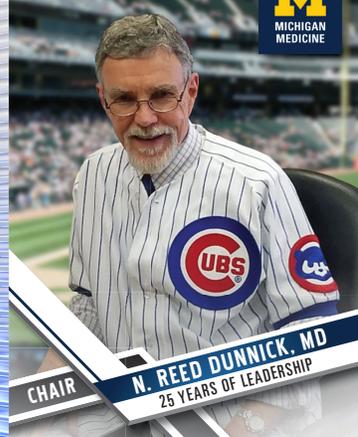
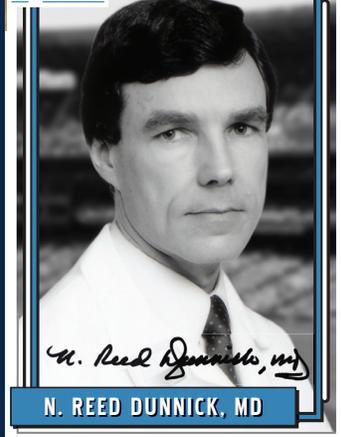


CELEBRATING 25 YEARS OF LEADERSHIP

Celebrating

N. REED DUNNICK, M.D.

25 Years of Leadership



1

N. REED DUNNICK, MD • CHAIR

DRAFT: WOLVERINES - JUNE, 1992
BORN: 1943, WAUKEGAN, IL (POP: 34,321) HOME: ANN ARBOR, MI

ACADEMIC RECORD

YR	SCHOOL	CITY	ST	TRAINING/APPT
57-61	Goshen High School	Goshen	IN	Diploma
61-65	Purdue University	West Lafayette	IN	B.S.
66-69	Cornell University	New York	NY	M.D.
69-71	Strong Memorial Hospital	Rochester	NY	IM Internship/Residency
71-73	National Institutes of Health	Bethesda	MD	Staff Associate
73-76	Stanford School of Medicine	Stanford	CA	Radiology Residency
76-80	National Institutes of Health	Bethesda	MD	Staff Radiologist
80-92	Duke University	Durham	NC	Faculty
92-	University of Michigan	Ann Arbor	MI	Chair, Radiology

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**N. REED DUNNICK, MD
CHAIR, DEPARTMENT OF RADIOLOGY**

DRAFT: WOLVERINES - JUNE, 1992
BORN: 1943, WAUKEGAN, IL (POP: 34,321) HOME: ANN ARBOR, MI

Distinguished leader at the University of Michigan and of many organizations, Dr. Dunnick has impacted the field of radiology, mentored many, and taught a generation about leadership and GU radiology.

CAREER STATISTICS

5 Gold Medals	10 Books
11 Society Presidencies	29 External Reviews
3 Honorary Memberships	643 Professional Society Committee-Years
269 Peer Reviewed Publications	163 Editorial Board Years for 16 Journals
62 Book Chapters	122 UM Medical School Committee-Years

Professional Society Committee Years (Total: 643)

ARR	AAPM	ABR	ABMS	ACR	ARRS	AUR	CMSS	ECR	IS3R	MRS	RSNA	SAR	SCARD	SCBT	SUR
32	1	95	2	93	51	105	3	1	13	89	110	3	17	9	19



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Fisher and William L. Ury, “Seven Habits of Highly Successful People” by Stephen Covey, “Who Moved My Cheese?” by Kenneth H. Blanchard and Spencer Johnson, and “Bo’s Lasting Lessons” by Bo Schembechler and John U. Bacon.

During his lifetime, Dr. Dunnick says he has been fortunate to have many important role models, including his parents who gave him a “good moral upbringing.” When he was a resident at Stanford University Hospital, his efficiency improved by learning from a faculty member, Ron Castellino, MD, who could distill problems into essential questions. As a staff radiologist at the NIH, his ability to analyze scientific research was enhanced by listening to a brilliant colleague, John Doppman, MD.

“I used to think that success was the result of individual effort, but life has become very complex. Successful science projects usually require the expertise of many people, each bringing a different skill set to focus on the problem. Clinical work requires clerks, nurses, technologists, radiologists and information technology support. None of us can do it by ourselves. Recognizing this was a gradual process,” he says. “When you move into an administrative position, you realize that you have to get everyone organized so the whole system works.”

Still, there are some who need help buying into a project so they can contribute to the team. “Humans don’t like to change. They may be wary of it, even if the change will improve their lives. You have to get people to understand why we need the change. You have to sell the problem before you can sell the solution. When you do that, it becomes easier to get people to change,” says Dr. Dunnick.

Making difficult decisions can have both positive and negative effects on different parts of the academic medical center. “There

is no guidebook or operations manual,” says Dr. Dunnick. “It comes down to a moral compass to determine the right thing to do. I find it helpful to think of priorities. Patients come first, then the university, medical center, faculty and trainees. After a difficult decision, it is human nature to have regrets or make second-guesses. You do the best you can and move forward.

“No one is perfect. If you make decisions, you’ll make mistakes. Recognize the mistake, and if anyone is adversely affected, apologize early, sincerely and honestly. I found that when I make a mistake, apologize and fix it, I have a better relationship than I did before,” says Dr. Dunnick.

To effectively manage a team, it’s important not to ignore either the personal or the professional side of one’s life. “The two halves must work together,” says Dr. Dunnick. “I recommend working hard and going home for dinner to maintain family ties and connections. After dinner, play with the children and help put them to bed. Then work for a few more hours. As children get older, they may not be interested in that same type of interaction. Then you can migrate to sports and take vacations together.” To recharge his energy, Dr. Dunnick tries to exercise every day or work in the garden during the warmer months.

In the future, he says he hopes to be helpful to other colleagues by mentoring and helping them to accomplish their goals. He will continue serving as editor-in-chief of *Academic Radiology*, and he’s looking forward to spending more time with his grandchildren.

Dr. Dunnick offers a parting message: “Stay on the high road. Remember that we’re all here to take care of the patients.”

Thank You, Dr. Dunnick



ADUSUMILLI PROFESSORSHIP INSTALLATION HELD



Daughter Emma, husband, Dr. Michael Hudson and Dr. Elaine Caoili

The University of Michigan awarded Dr. Elaine Caoili the Saroja Adusumilli Endowed Collegiate Professorship in Radiology on August 8, 2017.

Along with Dr. Melvyn Korobkin, Dr. Caoili helped to create an algorithm for evaluating adrenal nodules, work that has been adopted into the American College of Radiology recommendations. Similarly, the CT urology research she started at UM with her mentor Dr. Richard Cohan has been incorporated into the recommended workup for patients with hematuria by the American Urology Association. “Elaine was one of the leading researchers involved in making intravenous pyelograms (IVP) obsolete and replacing them with CT urograms,” says Dr. Cohan, professor of radiology at the UM.

“It is very rewarding to know that other radiologists and clinicians are using our work to help manage their patients,” says Dr. Caoili. Her current research is based on interventional-related topics, such as ablative therapy for renal and liver cancer and the evaluation and assessment of thyroid nodules.

Dr. Caoili has participated in more than 150 research manuscripts. For the American Journal of Roentgenology, Dr. Caoili served as an assistant editor, and she acted as an associate editor for Abdominal Imaging. Dr. Caoili is the director of the Appointments, Promotions and Tenure Committee, Department of Radiology at UM, and she is the committee chair for the American Board of Radiology, Genitourinary Tract Radiology Core Exam Committee.

Raised in Detroit, Dr. Caoili was part of the Inteflex program that launched high school seniors into the undergraduate

program at UM and guaranteed her acceptance into medical school. After a combined six years of undergraduate work and medical school, she earned her medical doctor’s degree. “The tailored program was specially designed around particular science subjects that allowed me to have a freedom to study non-science courses,” says Dr. Caoili.

After completing an internship in internal medicine at the Hospital of the University of Pennsylvania, Dr. Caoili spent four years in a radiology residency at the University of California at San Francisco. At Duke University, she completed a one-year fellowship in Abdominal Imaging. She returned to UM as a clinical assistant professor in 2000.

Some people get sucked into their career, and they jeopardize their personal relationships, says Dr. Cohan. “But Elaine has done a great job balancing her successful professional life with her deep commitment to her family. She always reserves time for her husband and daughter. I have great respect for her ability to maintain such balance in her life.”

The Saroja Adusumilli professorship was originally awarded to Dr. Cohan for five years and later to Dr. Hero Hussain for two years, who has since moved overseas. “As the third person to be awarded the professorship, it is an honor to be included in the esteemed company of Drs. Cohan and Hussain,” says Dr. Caoili.

She first met Dr. Saroja Adusumilli at UM, and they became close friends. “Saroja was known for being a compassionate person who always put others before herself, and she was a top notch radiologist. It was quite an honor to receive the professorship with her name,” says Dr. Caoili.

Similar to Dr. Adusumilli, Dr. Caoili is conscientious, bright, and concerned about patient health, says Dr. Cohan. “She is a good mentor for residents and junior faculty, and her ethical standards and values are outstanding. You can count on her to do the right thing. If she sees something that is important, that can help her colleagues, she is not afraid to speak out, even when her voice may be in the minority. She has a strong sense of right and wrong. I admire her ability to speak out on behalf of others, no matter what the situation. A lot of people don’t have the inclination and courage to do that.”

With the new title, she has increased impetus. “Receiving this professorship has inspired me to want to do more clinically relevant research with far reaching effects for radiologists and other physicians and to have a more direct impact on patient care.”

MARTEL PROFESSORSHIP INSTALLATION HELD



Dr. James H. Ellis and Department Chair Emeritus Dr. N. Reed Dunnick.

At a meeting of the Regents in June 2017, James H. Ellis, MD was appointed to the William Martel Collegiate Professorship in Radiology, and the award was formally presented on October 25, 2017.

In his 34 years in the department, Dr. Ellis has been an active faculty member as an assistant professor and later as an associate professor of radiology and surgery (urology), and professor of radiology and urology. He joined the department in 1984 as the chief of the radiology service at the Veterans Administration Medical Center. On an invitation from then-chair William Martel, MD in 1987, Dr. Ellis left his VA position to become the first director of the newly created Abdomen Division of Radiology at UM. He subsequently served under Dr. Dunnick as Associate Chair for Clinical Services and Associate Chair for Information Technology.

Dr. Ellis has authored or co-authored 169 peer-reviewed papers and 14 book chapters. He has been a reviewer and associate editor for multiple journals. The radiology residents have twice honored him with teaching awards.

For his work in the field of radiology, he was made a Fellow in the American College of Radiology, an honor given to only ten percent of the College membership. Since 1996, he has been a member of the American College of Radiology Committee on Drugs and Contrast Media, with terms as vice-chair and chair. The widely used Manual on Contrast Media that is produced by the committee is a reference source for radiologists.

Together with Richard H. Cohan, MD, in 1995, Dr. Ellis was an early adopter of simulation to teach UM residents about the adverse effects of contrast media and their treatment. Over the ensuing years, with the contributions of other faculty such as Matthew S. Davenport, MD, Jonathan R. Dillman, MD, and William R. Masch, MD, the course has expanded to utilize the advanced simulation capabilities of the UM Clinical Simulation Center.

Dr. Ellis says of Dr. Martel, “He was one of the most brilliant radiologists I ever met. I was always impressed with his analysis of difficult cases and the way he explained his reasoning. He was very committed to education and was a superb teacher.”

“Drs. Ellis and Martel are similar in that both were very intelligent men with an analytical approach to image interpretation,” says Reed Dunnick, MD, chair emeritus of the Radiology Department. “Bill chose musculoskeletal radiology and was a master of the plain radiograph. Jim chose genitourinary tract radiology and expanded his expertise into the cross-sectional imaging domains of ultrasound and CT. Jim also participated in interventional procedures of the GU tract.”

“His upbeat personality helps everyone overcome the obstacles we face on a daily basis. He is an outstanding team player and helps to make those around him better participants. In addition, he is alert to things that may fall through the cracks as everyone is busy providing care to our patients. His teaching the residents how to create a radiology report is one good example,” says Dr. Dunnick.

Raised in Hillsdale, Michigan, Dr. Ellis received career encouragement from his parents Sheldon and Ethel Ellis, his brother Charles N. Ellis, MD, and his wife Jean A. Lawton, MD. Dr. Ellis earned both his bachelor’s and medical doctor’s degree at UM. At Indiana University, he completed an internship and residency in diagnostic radiology in 1982.

Dr. Ellis said, “I have a passion for teaching our residents to approach imaging as a puzzle that needs to be solved and to integrate other information about the patient into our work product. I’ll continue encouraging our residents to become astute radiologists and to advance the field through innovative research.”

FACULTY AWARDS + RECOGNITION



Prachi Agarwal, MD – Editor’s Recognition Award with Distinction from the Journal of Thoracic Radiology



Paul Cronin, MD – President-Elect of ACER; Executive Committee member of the Radiology Alliance for Health Service Research, Board of Directors of AUR and Executive Council for Society of Thoracic Radiology; Editorial Consultant to Academic Radiology



Rajiv Bapuraj, MD – Radiology Editor’s Recognition Award for reviewing with distinction



N. Reed Dunnick, MD - Chair of the Board of Trustees of the Research and Education Foundation, and a member of the Board of Directors of the AUR; received Gold Medal from the Academy of Radiology Research; Editor-in-Chief of *Academic Radiology*



Janet Bailey, MD – President and member of the Board of Directors of the AUR; Editorial Consultant to Academic Radiology



Matt Davenport, MD – Chair of the Drugs and Contrast Media Committee for ACR; Richard H Marshak International Lecturer for the SAR and received the Best Scientific Oral Presentation for Improving Clinical Practice Award



Nico Bohnen, MD, PhD – NIH R01 grant; IPA Cyrus Sarosh VA grant



Mario Fabiilli, PhD – Foundation FUSF A1 grant



Ruth Carlos, MD – SACUA Vice Chair for 2017-18; Vice President of the ARRS and a member of the Board of Directors of the AUR; Editor-in-Chief of JACR



Brian Fowlkes, PhD – President-Elect of the American Institute of Ultrasound in Medicine



Heang-Ping Chan, PhD – Industry grant from GE; R01 A01 grant from NIH



Jon Jacobson, MD – 2017 RSNA Honored Educator; Treasurer of the Society of Skeletal Radiology



Neeraj Chaudhary, MD – NIH R21 grant; European Radiology Journal Scientific Editorial Board



Ella Kazerooni, MD, MS – Interim Chair, UM Department of Radiology; Chair of the American Cancer Society’s National Lung Cancer Roundtable; Received Achievement Award from the Radiology Alliance for Health Services Research



Minhaj Khaja, MD, MBA – Received a grant from Penumbra Inc.



Aine Kelly, MD – Vice President of AMSER; Editorial Consultant to Academic Radiology



Oliver Kripfgans, PhD – Awarded a grant from Delta Dental Foundation



Kate Klein, MD – Treasurer of ACER



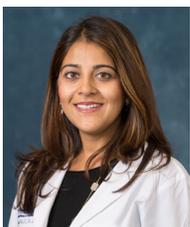
Robert Koeppe, PhD – Industry grant from BioClinica



Gary Luker, MD – NIH U01 grant



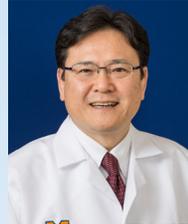
Kate Maturen, MD, MS – Category Chair for the GU Portion of the ABR board exams



Mishal Mendiratta-Lala, MD – Stanley Baum Outstanding Poster Exhibit Award at 2017 AUR



Yoav Morag, MD – 2017 RSNA Honored Educator



Toshio Moritani, MD – Received Editor's Recognition Award from Radiographics



Venkat Murthy, MD – Vice-President Elect of the Cardiovascular Council of the SNMMI



Colleen Neal, MD – Society of Breast Imaging Fellow



Hemant Parmar, MD – RSNA International Visiting Professor in Bosnia



Stephanie Patterson, MD – Society of Breast Imaging Fellow



Perry Pernicano, MD – Vice President of the Michigan Radiological Society



Joel Platt, MD – Chief Membership Officer for the Society of Computed Body Tomography / Magnetic Resonance

FACULTY AWARDS + RECOGNITION



David Raffel, PhD – NIH R21 grant



Peter Scott, PhD – Vice President-Elect of the Radiopharmaceutical Council of SNMMI, and a member of the Board of Trustees of the Council of Radiopharmaceutical Sciences; received Young Investigator Award from SNMMI; University of Alberta grant.



Brian Ross, PhD – Editor-in-Chief for both Neoplasia and Tomography



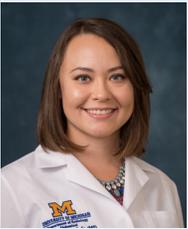
Ashok Srinivasan, MD – Outreach Professor for ASNR; Elected Treasurer of the Western Neuroradiology Society, Radiology Editor for JAMA, and member of the Executive Committee for the ASNR



Wael Saad, MD – Gold Medal from the Association of Vascular and Interventional Radiographers



Peter Strouse, MD – President of the Society for Pediatric Radiology; Editor-in-Chief of Pediatric Radiology



Michelle Sakala, MD – SAR poster merit awards for educational exhibits



Ashish Wasnik, MD – Deputy Editor of Academic Radiology, Abdomen Section; Received a Poster Merit Award at SAR



Gaurang Shah, MD – Received the AJR Silver Distinguished Reviewer Achievement Award



William Weadock, MD – Vice-Chair of RSNA 3D Printing Special Interest Group



Prasad Shankar, MD – SAR poster merit awards for educational exhibits; Received the Howard S Stern Research Award from SAR



Corrie Yablon, MD – 2017 RSNA Honored Educator

Radiology at the Seashore

Captiva Island, FL
March 11 - 15, 2019

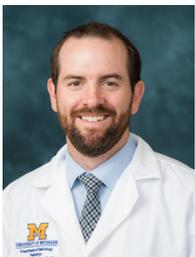
Welcome

NEW FACULTY

We welcomed many new faculty across the Department of Radiology over the last year.



Timothy Alves, MD
Emergency Radiology
Lecturer, from Michigan Medicine
Ann Arbor, MI



Scott Baker, MD
Pediatric Radiology
Lecturer, from Michigan Medicine
Ann Arbor, MI



David Bloom, MD
Pediatric Radiology
Professor, from Oakland
University William Beaumont,
West Bloomfield, MI



Nicole Curci, MD
Abdominal Radiology
Lecturer, from Michigan Medicine
Ann Arbor, MI



Anastasia Hryhorczuk, MD
Pediatric Radiology
Assistant Professor, from Tufts
Medical Center
Boston, MA



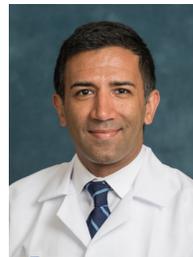
Vivek Kalia, MD
Musculoskeletal Radiology
Assistant Professor, from Hospital
for Special Surgery
New York, NY



Remy Lobo, MD
Neuroradiology
Lecturer, from University of Utah
Salt Lake City, UT



Toshio Moritani, MD
Neuroradiology
Professor, from University of
Iowa Hospitals and Clinics
Iowa City, IA



Akshat Pujara, MD
Breast Imaging
Assistant Professor, from
Northwestern University
Chicago, IL



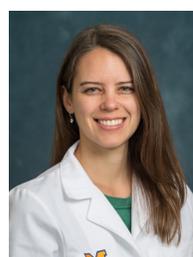
Mamadou Sanogo, MD
Vascular/Interventional Radiology
Lecturer, from Yale New Haven
Hospital
New Haven, CT



Erica Stein, MD
Abdominal Radiology
Assistant Professor, from
University of Pittsburgh Medical
Center
Pittsburgh, PA



Nghi Tran, MD
Musculoskeletal Radiology
Lecturer, from Direct Radiology,
LLC
Ann Arbor, MI



Sara Zhao, MD
Vascular/Interventional Radiology
Assistant Professor, from Yale
University
New Haven, CT

2017-2018 FELLOWS

The Department of Radiology welcomed 25 fellows this year.



Daniel Barkmeier, MD, PhD
Abdominal
Residency,
University of Michigan



Michael Cline, MD
Vascular/Interventional Radiology
Residency,
University of Michigan



Chirag Dani, MD
Neuroradiology
Residency,
Michigan State University



Mohamad Bazerbashi, MD
Neuroradiology
Residency,
University of Toledo



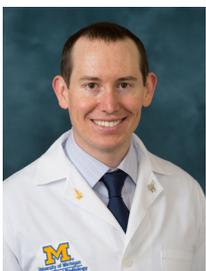
Omar Eissa, MBBCh
Neuroradiology
Residency,
University of Texas Medical Branch



Bryan Canty, MD
Neuroradiology
Residency,
University of Minnesota



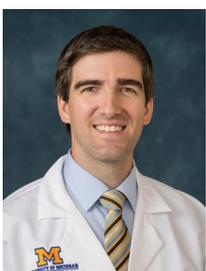
Julius Griauzde, MD
Neurointerventional Radiology
Residency,
University of Michigan



Michael Carter, MD
Neuroradiology
Residency,
University of Michigan



Jawad Hussain, MD
Vascular/Interventional Radiology
Residency,
Beth Israel Deaconess Medical Center



Nicholson Chadwick, MD
Musculoskeletal
Residency,
Virginia Commonwealth University



Evan Johnson, MD
Vascular/Interventional Radiology
Residency,
New York University



William Karczewski, MD

Abdominal
Residency,
Michigan State University



Kushal Parikh, MD, MBA

Abdominal
Residency,
University of Michigan



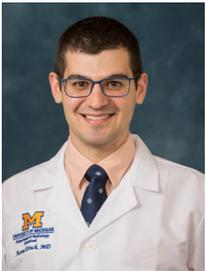
Mamdouh Khayat, MD

Vascular/Interventional Radiology
Residency,
Ohio State University



Nishant Patel, MD, MBA

Vascular/Interventional Radiology
Residency,
University of Michigan



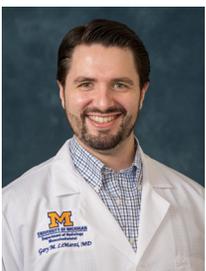
Aaron Kirsch, MD

Abdominal
Residency,
Oregon Health and Sciences
University



Roberto Rivera-de Choudens, MD

Neuroradiology
Residency,
University of Puerto Rico



Gary LiMarzi, MD

Musculoskeletal
Residency,
Florida Hospital



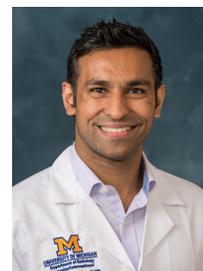
Michelle Sakala, MD

Breast Imaging
Residency,
Wake Forest Baptist Medical Center



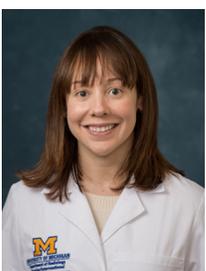
Nathaniel Meyer, MD

Musculoskeletal
Residency,
University of Michigan



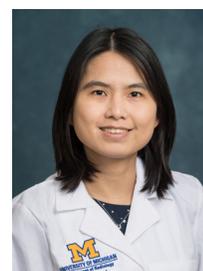
Rajiv Srinivasa, MD

Vascular/Interventional Radiology
Residency,
University of Texas Southwestern



Maricarmen Nazario, MD

Vascular/Interventional Radiology
Residency,
Columbia University



Moe Phyu Tun, DO

Musculoskeletal
Residency,
University of Missouri-Kansas City

New RESIDENTS

The Department of Radiology welcomed 11 new residents this past summer.



Sarah Moorman, MD
Undergraduate
 Biology, Ohio State University
Medical School
 University of Cincinnati



Ashley Anderson, MD
Undergraduate
 Business, University of Michigan
Medical School
 Wayne State University



Brianna Oliver, MD
Undergraduate
 Biology, University of South Florida
Medical School
 University of South Florida



Jack Conner, MD
Undergraduate
 Mechanical Engineering,
 University of Colorado
Medical School
 University of Colorado



Rudra Pampati, MD
Undergraduate
 Bioengineering,
 University of Pennsylvania
Medical School
 University of Louisville



Ryne Dougherty, MD, MBA
Undergraduate
 Biology, Carroll College
Graduate School
 Business, Arizona State University
Medical School
 Mayo Medical School



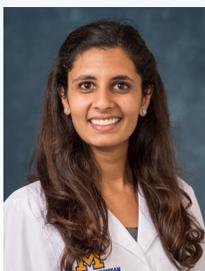
Molly Roseland, MD
Undergraduate
 Geography & Microbiology,
 Michigan State University
Medical School
 Wayne State University



Michael Lee, MD
Undergraduate
 Biology, Emory University
Medical School
 Emory University



Jeremy Ross, MD
Undergraduate
 Economics, Vanderbilt University
Medical School
 University of Illinois



Gunjan Malhotra, MD
Undergraduate
 Biological Sciences,
 Wayne State University
Medical School
 Wayne State University



David Shlensky, MD
Undergraduate
 Psychology, University of Wisconsin
Medical School
 University of Wisconsin

RESIDENT PUBLICATIONS

Residents with faculty in our department collaborate on a variety of research projects at our institution. The following published articles from our department show the level of activity of our residents and faculty mentors.

1. Bhatti ZS, Brown RKJ, Kazerooni EA, Davenport MS. Communicating radiology test results: Are our phone calls excessive, just right, or not enough? *Academic Radiology* 2018; 25(3): 365-371.
2. Bhatti ZS, Mervak BM, Dillman JR, Davenport MS. Breakthrough reactions to gadobenate dimeglumine. *Investigative Radiology* 2018. *Invest Radiol.* 2018 Feb 21.
3. Hu EM, Zhang A, Miller, DC, Davenport MS, et al. Multi-institutional analysis of CT and MRI reports evaluating indeterminate renal masses: comparison to a national survey investigating desired report elements. *Abdom Radiol.* 2018 Apr 17.
4. Hu EM, Ellis JH, Cohan RH, Caoili EM, Davenport MS, et al. Expanding the Definition of a Benign Renal Cyst on Contrast-enhanced CT: Can Incidental Homogeneous Renal Masses Measuring 21-39 HU be Safely Ignored? *Academic Radiology* 2018 Feb;25(2):209-212.
5. Srinivasa RN, Pampati R, Patel N, Srinivasa RN, Hage, AN, Chick JFB. Interventional Radiology-Operated Endoscopy: Indications, Implementation and Innovation. *Seminars in Interventional Radiology. Curr Probl Diagn Radiol.* 2018 Mar 20.
6. Hussain JW, Srinivasa RA, Hage AN, Pampati R, Chick JFB. Bringing SASI back: Single session selective arterials secretin injection and transarterial embolization of intrahepatic pancreatic neuroendocrine metastasis in a MEN-1 Patient. *Radiology Case Reports* 13(2): 333-335. April 2018.
7. Neal CH, Rahman WT, Joe AI, Pinsky RW, Noroozian M, Helvie MA. Harms of Restrictive Risk-Based Mammographic Breast Cancer Screening. *AJR Am J Roentgenol.* 2018; 210:1-7.
8. Shah Y, Bass L, Davison G, Seigler N, Pollack JS, Thomas J, Harris RA. BH4 improves postprandial endothelial function after a high-fat meal in men and postmenopausal women. *Menopause.* 24(5):555-562, 2017.
9. Shah Y. Atrioesophageal fistula. *Emerg Radiol.* 24(5):435-477, 2017.
10. Shah Y, Malhotra G, Gross M, Stojanovska J, Brown RJ. Cardiac paraganglioma. *ACR Case-in-Point.* Nov 16, 2017.
11. Wilseck Z, Savastano L, Griauzde J, Chaudhary N, Wilkerson D, Pandey A, Sakandan S, Gemmete J. Delayed Extrusion of Embolic Coils into the Airway after Embolization of an External Carotid Artery Pseudoaneurysm. *Journal of NeuroInterventional Surgery. BMJ Case Rep* 2017.
12. Wilseck Z, Golladay G, Hess S, Johnson TD. Social Networking Use in Joint Replacement and Adult Reconstruction Patients. *Recent Advances in Arthroplasty.* 2017: Volume 1(2): 14-17.
13. Gaetke-Udager K, Jacobson JA, Bhatti ZS, Smith J, Parameswaran A, Fessell DP. Ultrasound of the Gruberi Bursa with Cadaveric and MRI Correlation. *AJR Am J Roentgenol.* 2016 Aug;207(2):386-91.
14. Bailey JJ, Ellis JH, Davenport MS, Cohan RH, Nan B, Parameswaran A, Hsu L, Sahai V, Francis IR. Value of pelvis CT during follow-up of patients with pancreatic adenocarcinoma. *Abdom Radiol.* 2017 Jan;42(1):211-215.

SELECTED RESIDENT RESEARCH PROJECTS

All of our residents are required to participate in at least one research project over the course of their residency and many residents are involved in more than one project. Faculty members mentor residents on their projects which are presented at local, national, and international meetings. Many of the residents' projects result in published manuscripts. Listed below are a few recent examples.



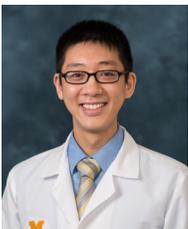
Zeeshaan Bhatti, MD
Class of 2018

Mentored by Richard Brown, MD and Matthew Davenport, MD. "Communicating radiology test results: Are our phone calls excessive?" Presented at 2018 Society of Abdominal Radiology Annual Scientific Meeting and Educational Course, Scottsdale, AZ.



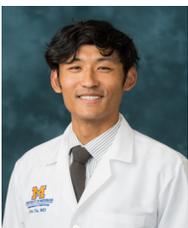
Karen Grajewski, MD
Class of 2020

Mentored by Suzanne Chong, MD, Corrie Yablon, MD, Kara Udager, MD and Jessica Leschied, MD. "Sports Injuries of the Pediatric Knee: Acute and Chronic Patterns of Injury of the Skeletally Immature Knee." Presented at 2017 American Society of Emergency Radiology Annual Meeting, Toronto, ON.



Everett Gu, MD
Class of 2018

Mentored by Jon Jacobson, MD and Vivek Kalia, MD, MPH, MS. "Essential Diagnoses using Musculoskeletal Ultrasound: Sonography Made Easy." Presented at 2018 Association of University Radiologists Annual Meeting, Orlando, FL. Received the Stanley Baum Outstanding Poster/Exhibit Award.



Eric Hu, MD, MPH
Class of 2019

Mentored by Katherine Maturen, MD. "Abdominal Imaging of the Sick Foreign Traveler." Presented at 2017 Radiological Society of North America, Chicago, IL.



Tarun Jindal, MD
Class of 2019

Mentored by Ashok Srinivasan, MD. "Cystic trigeminal schwannoma mimicking an aneurysmal bone cyst." Presented at 2017 American Society of Head and Neck Radiology, Las Vegas, NV.



Gunjan Malhotra, MD
Class of 2021

Mentored by William Weadock, MD and Kara Gaedtke-Udager, MD. “Education Resources for the 21st Century Radiology Resident.” Presented at 2018 Association of University Radiologists Annual Meeting, Orlando, FL.



David Miller, MD, MS
Class of 2018

Mentored by Richard Brown, MD. “Carcinoid on 68-Ga Dotate scan, newly available tracer in US.” Presented at 2017 Radiological Society of North America, Chicago, IL.



John D. Millet, MD, MHS
Class of 2018

Mentored by Prasad R. Shankar, MD, Suzanne T. Chong, MD, MS, Ashish P. Wasnik, MD. “Hernias Made Easy: The Trainee’s Guide to Diagnosing and Differentiating Abdominopelvic Hernias.” Presented at 2018 Association of University Radiologists Annual Meeting, Orlando, FL.



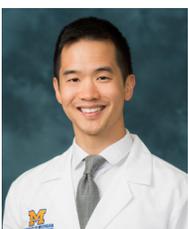
Yashesh Shah, MD
Class of 2019

Mentored by Richard Brown, MD, Corrie Yablon, MD and Jon Jacobson, MD. “Osseous Metastases from Prostate Cancer: Is the Typical Presentation Really Typical?” Presented at 2018 American Roentgen Ray Society Annual Meeting, Washington, DC.



David Shlensky, MD
Class of 2021

Mentored by Richard Brown, MD. “Blind Spots in Nuclear Medicine: Opening the Window to Pathology.” Presented at 2018 Association of University Radiologists Annual Meeting, Orlando, FL.



Andrew Zhang, MD
Class of 2019

Mentored by Jon Jacobson, MD, Kara Udager, MD and Sung Moon Kim, MD “Ultrasound of Wrist Ganglion Cysts: A Retrospective Review of Their Most Common Locations.” Presented at 2018 American Institute of Ultrasound in Medicine Annual Convention, New York, NY.

ALUMNI NOTES



The Minoshima / Anzai family enjoying a walk on the beach

It has been 18 years since we left UM Radiology. We still feel that Ann Arbor is our home. The University of Michigan gave us a strong foundation for our academic careers. We've followed the tremendous growth of UM Radiology over the past decade. Wonderful faculty members, academic excellence, and clinical expansion. So proud to be a part of the UM Radiology alumni! We have a significant number of UM alumni in our healthcare leadership at the University of Utah. UM is everywhere. Go Blue!

Satoshi Minoshima, MD, PhD, and Yoshimi Anzai, MD, MPH (Faculty 1990-2000)

I was a fellow for 2 years at UM, then a faculty member in nuclear medicine for 18 years. For nearly 14 years now, I have been at St. Jude Children's Research Hospital in Memphis. I have had the pleasure of serving as chairman of the American Board of Nuclear Medicine, and more recently, serving on the Nuclear Medicine Residency Review Committee of the American College of Graduate Medical Education, along with the chief of nuclear medicine at UM, Kirk A. Frey, MD, PhD. I enjoy return visits to AA and the yearly UM get togethers at the Society of Nuclear Medicine.

We have one son who is a sophomore at UM and another who is a sophomore at Memphis University High School. We have been fortunate to have participated in scouting as an adult with camping and two week long sailing trips in the Bahamas and the Florida Keys. We are enthusiastic Elvis fans and particularly like to attend the multiple Elvis contests and concerts in August. I am not far from retirement and I try to keep up with the latest happenings in AA and UM.

Barry L. Shulkin, MD (Fellow, 1985-1986; Faculty, 1986-2004; Adjunct Professor 2004-present)



Zachary (sophomore at UM), Barry, Lahti (pediatric nuclear medicine technologist for 33 years at UM), recently retired, and their dog, Tessa2.



Gregory, Julie, Jake and Lia Goldstein

Wow, I can't believe that it's been 17 years since I left good 'ol U of M! I am currently living in Chicago with my wife Julie, son Jake (11), daughter Lia (10), and two dogs, Bo and Jojo. We absolutely love living in Chicago and frequently escape to our lake house in Grand Beach, Michigan. About 13 years ago I started an outpatient radiology practice, MetisMD (www.metismd.com), which has grown into a nationwide radiology services company. We provide a combination of teleradiology, onsite coverage, consulting, and second opinions. I love what I do and feel extremely fortunate, thanks in part to the incredible program at U of M!

Gregory Goldstein, MD (Resident, 1997-2001)

ALUMNI INFORMATION UPDATE

Please go to tinyurl.com/UMradUpdate to update your contact information (mailing address, e-mail, etc.). You can also send your updates directly to Carly Davis at cbrandre@med.umich.edu

ALUMNI NOTES



Murray Rebner, MD, FACR,
FSBI

I completed my residency training at U-M, and stayed for a one year fellowship in breast imaging, chest imaging and ultrasound. I remained on the faculty in diagnostic radiology for four years before going to Henry Ford Hospital in Detroit, where I was a senior staff radiologist and section chief of breast imaging.

I then joined the staff at William Beaumont Hospital, and I am the immediate past director of the division of breast imaging and a Professor of Radiology and Molecular Imaging.

I have been married to my wonderful wife Susan for 32 years. We enjoy traveling, golf, singing and playing bridge together. We have 2 children, Rachel, age 31, who is a physical therapist, and Max, age 29, who is receiving a Masters degree in HR.

I am very thankful for the wonderful education and work experience I received at the University of Michigan. It was an integral part of my career and job satisfaction!

Murray Rebner, MD, FACR, FSBI (Resident, 1981-1984; Faculty 1984-1989)

After retiring 9 years ago in 2009, I was honored to be awarded professor emeritus status and recognized by the University Regents as “a distinguished medical educator and investigator.

Since retiring, I have continued to participate in university activities including, but not limited, to attending Michigan football games (45 years’ worth), UMS concerts and plays, and auditing UM undergraduate courses in Ann Arbor.

I’m also still involved with the university in many capacities including the Victors and Presidents Clubs, and Medical Center Alumni Society. The Collegiate professorship in my name is almost completely funded.

Since 2009, I have spent winters in Scottsdale, AZ, where our annual postgraduate course, “Radiology in the Desert”, was established in 1994, and directed by me for the first 8 years. I also directed the department’s 1st postgraduate course, “A Seminar in Diagnostic Ultrasound”, from 1977-2000.

I continue to be in touch with and spend time with relatives (my 99-year-old uncle is the oldest living U.S. congressman) and “old” friends (dating back 56 years) to 1962. I am still an avid enthusiast of sports, especially football, baseball and basketball. Despite residing in Michigan since 1971, when I began my radiology residency, I still support the NY professional sports teams, and enjoy spending hours on end playing blackjack at various casinos.

I’ve enjoyed traveling abroad, revisiting many of the countries where I had previously lectured, and within the United States, especially visiting my four grandchildren, and three adult children (Merrick, NY, Oakland, CA, and Chicago, IL), in all of whom I take great pride.

My oldest child, Jill Silver Levine (48), a graduate of the University of Michigan and Boston University, co-founded the Robbie Levine Foundation (in memory of her first child), which raises awareness of the need for AEDs in saving lives, and for which she was named a CNN hero in 2008.

My son, David (45), a graduate of UCLA and Harvard universities, was formerly the CEO of an educational organization, (College Track), which empowers students from underserved communities to graduate from college. He currently serves as the Director of Education for the Mayor of Oakland, California.

My youngest daughter, Michelle (27), was graduated from the University of Wisconsin and the University of Michigan’s School of Public Health, and is currently midway through the physician assistant degree program at the Rush University Medical College in Chicago. In April, of 2018, I attended her “white coat” ceremony.

Reflecting on my career, I’m grateful to the University of Michigan (LSA ’66) for making it possible for me to enjoy a successful radiology career and life, and a wonderful relationship with the university spanning over more than six decades.

Terry Silver, MD, FACR, FAIUM (Resident, 1971-1974, Faculty 1974-2009, Professor Emeritus)



Terry Silver, MD, FACR,
FAIUM



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