He brings a host of inside-outside experiences to UM, along with wisdom gleaned from genius minds in radiology. Meet Vikas Gulani, MD, PhD – the new chair of the UM Department of Radiology and the Fred Jenner Hodges Professor of Radiology.

For Dr. Gulani, leadership at UM means using three important assets: his awareness of the department’s longstanding culture and stability; his support for the clinical, research, and teaching mission of an academic medical center; and his ability to foster enjoyable working relationships.

Under Paul Lauterbur, PhD, who would become a Nobel Laureate, Dr. Gulani earned his PhD in Physiology at University of Illinois at Urbana-Champaign (UIUC). From Dr. Lauterbur and colleagues with exceptional intellect and creativity, he says he learned to create a cocoon where people can be creative in their academic work and be relatively shielded from the political chatter that goes on in any big institution.

Together with his wife Nicole Seiberlich, PhD, who is the current Co-Director of the Michigan Institute for Imaging Technology and Translation, and Mark Griswold, PhD, the current director of MRI research at Case Western Reserve University (CWRU), he found a common thread while working in an MRI research group at CWRU.

continued on page 10
It is a distinct honor to write my first letter to you. I hope this letter finds you well with holidays just around the corner.

On July 1, 2019, I stepped into some incredibly big shoes, taking over as Chair of the Department of Radiology at Michigan. I want to offer Dr. N. Reed Dunnick a huge and heartfelt thank you for 26 years of distinguished service, on behalf of the entire Department. He led and indeed shaped a nationally prominent Department, and he is rightly seen as one of the most influential Chairs on the national stage over this period. No amount of gratitude suffices for the leadership he has provided our Department. This letter would also be incomplete without thanks to Dr. Ella Kazerooni, who has served this Department in various capacities for over 30 years (!), including as Interim Chair. She did a great job on a difficult task. It is my pleasure to announce that Dr. Kazerooni was named the inaugural Terry Silver Professor of Radiology this year, connecting two important members of our faculty from the past and present.

Our leadership team continues to be engaged to help navigate the inevitable changes affecting our healthcare environment and to provide future opportunities for the health of our patients and our team. Dr. Kim Garver became the Associate Chair for Department Life & Culture to help bridge the gap in work life balance. Her initiatives include addressing burnout and improving overall well-being among faculty and staff. Dr. Diana Gomez-Hassan has taken on the role of Associate Chair of Ambulatory Radiology. Within this role, Dr. Gomez-Hassan’s work is centered around improving the patient experience and operations at our offsite locations, which are critical components as our department continues to expand. Dr. Matt Davenport took on a new role as Associate Chair for Operations and Radiology Service Chief, and Dr. Prasad Shankar has agreed to step in as Associate Chair for Quality and Safety. Dr. Joel Platt took over the position of Associate Chair for Faculty Affairs, where he will focus on promotions and mentorship. They join Drs. Janet Bailey (Education), Dr. Ken Buckwalter (IT), Dr. Gary Luker (Clinical Research) and Dr. Brian Ross (Basic Science Research) in our Associate Chair leadership team.

Dr. Prachi Agarwal became the Division Director of Cardiothoracic Radiology after formerly performing the duties in an interim role. Dr. Sahira Kazanjian continues to excel in her role as interim IR division director, and extensive work is ongoing to further strengthen and staff her division. After many years of dedicated service to the growth of the Emergency Radiology division, Dr. Suzanne Chong has moved on to a new job at Indiana University Health. She will be deeply missed. Dr. Michael Todd has graciously agreed to step into the interim division director role.

This Department continues to excel nationally and internationally. Our faculty have leadership positions across many radiology institutions and we often take home awards from annual meetings. These numerous achievements can be seen on pages 6-7.

I took this job with the goal to continue to build a Department that prioritizes the well-being of people. Of course, our patients are the reason we are here, but we will be dedicated to the happiness of the 1400+ people who work in our Department. Among many concrete steps we are taking in this direction, Michigan Radiology will be the first clinical department to join the University of Michigan Ross Business School Positive Business Organization consortium, which will position us well to learn and apply best practices. If we can keep building a happy workplace, I am truly convinced that the wonderful and accomplished people that make up the Department will continue to achieve the clinical, research, and teaching excellence that the Department is so well known for. We stand on the shoulders of giants and hope to continue the incredible legacy of Michigan Radiology. Those of you who are alumni of the Department, please do come by and visit us.

I wish you all a very happy holiday season to come.

Sincerely,

Vikas
David Williams, MD, who recently became the first recipient of the Kyung Cho Professorship, will work to merge radiology, engineering, and other fields as he demystifies aortic dissection.

An expert in vascular and interventional radiology and diagnostic radiology, Dr. Williams’ research has focused on the diagnosis and treatment of aneurysms and dissection, embolization procedures, venous recanalization, and non-coronary arterial occlusions.

Having an international reputation, Dr. Williams has given more than 150 invited presentations. As an author or co-author, his peer-reviewed articles in major medical journals total 190. He has written 26 book chapters and 60 abstracts. As an associate editor, he served several publications, including Radiology, the International Medical Image Registry, the Journal of Vascular and Interventional Radiology, Annals of Vascular Surgery, and Annals of Thoracic Surgery.

The most meaningful aspect of his research has been arterial blockage in the setting of aortic dissections. “When I started in radiology, there was no good solution,” said Dr. Williams. “If patients were a Type A, they had to take their chances with surgery. If they were a Type B, there wasn’t much that could be done. Now, interventional radiology has given hope to a lot of people.”

At the University of Michigan, Dr. Williams earned his medical degree in 1979. His internship in diagnostic radiology, residency in radiology, and fellowship in cardiovascular and interventional radiology were all completed at UM. In 1983, Dr. Williams became a radiology instructor at UM; and by 1997, he moved through the academic ranks to be established as a named professor of radiology. Two years later, he was a jointly appointed professor of internal medicine. From 1999-2007, Dr. Williams was director of the Division of Vascular and Interventional Radiology at UM.

Raised in Caro, Michigan, he did not have aspirations of becoming a physician. Instead, philosophy was his interest as an undergraduate at Maryglade College in Memphis, Michigan. After earning an MA in physics from Wayne State University, he joined the U.S. Navy as a Radiation Safety Officer during the waning days of the Vietnam War.

In the Navy, he was sent to radiation safety school and then worked under radiation oncologist Captain Quintous Crews, MD “Because of my physics background, I was given free rein to install, re-write, and run computer programs for radiation treatment planning,” says Dr. Williams. “The long exposure to treatment development and feedback from Captain Crews was very helpful for my attitude and career.”

Another mentor would soon have a similar strong influence. Kyung J. Cho, MD, who was to receive numerous awards for his research into the applications of interventional radiology, was highly compassionate and responsible for engineering in Dr. Williams a single-mindedness and painstaking attention to technical details.

“He taught me to push to the end of a study and come up with a technical solution that is framed in the context of the anticipated medical treatment. That whole approach became second nature. After a while, it gets in your bones,” says Dr. Williams.

Students of Dr. Williams have been trained with similar methods. “I want them to tell me the findings and the solution, and get them thinking spontaneously about possible unplanned occurrences, so that becomes second nature to them,” he said.

In the future, Dr. Williams plans to follow the intrigue of aortic dissection. “Knowing what happens in the first three minutes of aortic dissection would shed light on the prevention and treatment of it.” Part of his efforts will involve working with a textile engineer to understand how the “fabric” of the aorta tears.

In other areas, Dr. Williams wants to research the Achilles heel of venous stents – thrombosis. “I want to find how it affects my patients and anticipate it. Then do interventions up front and tailor the medical treatment to match the patient’s disability, desired life style, and genetic and acquired medical problems.”

Following the academic imprint of Dr. Cho and blazing new trails, Dr. Williams is likely to attract medical students who see the value of cross-pollinating radiology with engineering and other disciplines.
Dr. Jacobson is shown demonstrating a shoulder ultrasound examination to a group of students.

DR. JACOBSON AND “IMAGING THE WORLD” TEACH MSK ULTRASOUND IN UGANDA

In rural Uganda where access to imaging technology is limited, common shoulder injuries can lead to disabilities, the loss of income, and unmet basic needs for workers, who are largely farmers, and their families. Armed with a portable ultrasound machine and some lesson plans, Jon A. Jacobson, MD, a Professor of Radiology and Director of the Division of Musculoskeletal Radiology in the Department of Radiology at the University of Michigan, set out to make a difference.

“Currently, there are no defined diagnostic algorithms for assessing shoulder injuries in Uganda,” says Dr. Jacobson. “They do not have shoulder imaging other than X-ray, and that’s not plentiful. If an MRI was needed, a patient would have to travel many hours to Kampala, the capital of Uganda.”

Dr. Jacobson traveled to Uganda in July of 2018, visiting rural medical facilities and teaching shoulder ultrasound in Kampala. This visit was organized by Imaging the World and partially funded by Warm Hearts Foundation. Dr. Jacobson, now funded by a RSNA Derek Harwood-Nash International Education Scholar Grant, has since visited Gulu in northern Uganda on two occasions setting up a remote peer-review shoulder ultrasound program.

Under the guidance of Kristen K. DeStigter, MD, Co-founder and President of Imaging the World and Chair of Radiology at the University of Vermont, ultrasound was introduced in rural Uganda for obstetrics and high-risk pregnancies in 2010 to reduce the high level of morbidity and mortality.

Dr. Jacobson met Dr. DeStigter when he was a visiting professor at the University of Vermont. “She told me about her work in Uganda. They wanted to broaden the application of ultrasound, so they enlisted my help to teach shoulder ultrasound,” says Dr. Jacobson. He has taught for over 20 years at the University of Michigan and lectures nationally and internationally on the topic of musculoskeletal ultrasound.

“The international community spends a lot of money trying to make farmers more productive,” says Dr. DeStigter, “but they don’t think about the occupational hazards of farming and day laboring. What Dr. Jacobson is doing has a chance to substantially impact the ability of these workers to continually provide for their families.”

“Teaching shoulder ultrasound can be challenging,” says Dr. Jacobson. “Going into this, I didn’t know the background of the attendees; they were not typical ultrasound students.”
His initial class in Kampala was a mixed group that included clinical officers, nurses, and sonographers. During the three-day workshop, Dr. Jacobson lectured on topics such as basic anatomy, provided live demonstrations, and supervised the attendees as they scanned models, and finally, several patients. His return visits to Gulu included educational activities as well as a free ultrasound clinic where he and his colleagues (Anna Falkowski, MD and Victor Flores, MD) scanned over 100 patients in several days.

“In some patients, I was surprised to find pathology that I haven’t seen in years. I don’t know if the overuse injuries were a coincidence, or from the type of work that people are doing in their villages,” he says.

Dr. Jacobson brought a Philips Lumify ultrasound transducer, an app-based model that can be used with any Android device. Students also used Lumify transducers connected to tablets. Although they had limitations compared to larger machines, the equipment was more than adequate.

“I was impressed with the quality; the equipment met the standard of care for the need,” says Dr. Jacobson.

“The things we take for granted in this country – basic health care, imaging, and subspecialty care – are difficult or impossible to find in countries like Uganda,” says Dr. Jacobson. “That realization energized me to continue in this direction and try to help.”

“I was amazed by how accommodating and appreciative everyone was. I guess you’d expect that, but I was surprised,” says Dr. Jacobson, who toured smaller facilities in western Uganda and saw basic needs unmet at the village level.

What’s next for Dr. Jacobson? First, return to Uganda and continue the training process to establish local expertise.

Second, initiate a remote quality assessment program for shoulder ultrasound. “I’ll check the first 50 cases of several of my students and give them feedback on their progress and provide further education.”

Third, work with orthopedic surgeons and physical medicine rehabilitation doctors to outline a physical therapy instruction plan. “When patients have an ultrasound and are diagnosed with a certain ailment, they can be given instructions for a specific exercise program for their shoulder to take back to their villages. Currently, that doesn’t exist,” he says.

Fourth, teach ultrasound-guided treatment at a select regional center. If physical therapy fails, pain injections would be given, and if that fails, then they would be referred to an orthopedic surgeon.

But right now, Dr. Jacobson wants to increase awareness of healthcare needs in Africa. He has organized a fundraiser for Imaging the World Africa at the RSNA Annual Meeting, held in Chicago.

For more information, visit ImagingTheWorld.org.
Janet Bailey, MD
Received the 2019 Achievement Award from the Association of Program Directors in Radiology.

Richard Brown, MD, FACR
Created virtual reality application with Duderstadt Center, Emerging Technologies Group, recently featured in journal, Tomography. This project was a finalist in the Frankel Cardiovascular Center Value Innovation Challenge.

Nicholas Burris, MD
Received NIH Loan Repayment Program Award for advanced aortic imaging.

Ruth Carlos, MD, MS, FACR
Became 2019-2020 ARRS President.

Richard Cohan, MD
Received the Gold Medal from the Society of Abdominal Radiology.

Neeraj Chaudhary, MD
Awarded his second R21 as Principal Investigator (PI) and a Co-PI on a funded R01. In addition, is the Co-I on a JI funded DISH Trial.

Michael DiPietro, MD
Received the Pioneer Award from the Society of Pediatric Radiology for work in pediatric ultrasound and musculoskeletal ultrasound.

N. Reed Dunnick, MD
Became an honorary member at the Chinese Society of Radiology annual meeting and received the Gold Medal from the Society of Advanced Body Imaging (formerly SCBT/MR).

Brock Humphries, PhD
Received a 3-year fellowship grant from the American Cancer Society.

Annette Joe, MD
Received the UM Radiology Department’s inaugural Women in Radiology Ally Award.

Ella Kazerooni, MD, MS
Received Gold Medal from the Society of Thoracic Radiology and the Women in Leadership Executive Impact Award from the Linkage Leadership Institute. Also named Associate Chief Clinical Officer for Diagnostics for the UM Medical Group.

John Kim, MD
Received Department of Radiology’s Teaching Award.
**Gary Luker, MD**
Named editor of Radiology: Imaging Cancer, RSNA’s new journal.

**Katherine Maturen, MD, MS**
Named 2019-2020 Igor Laufer Visiting Professor by the Society of Abdominal Radiology.

**Toshio Moritani, MD, PhD**
Received a RSNA Honored Educator Award and became a member of the ACR Appropriateness Committee.

**Marilyn Roubidoux, MD, FACR**
Received the Castle Connolly’s Exceptional Women in Medicine 2019.

**Gaurang Shah, MD**
Received Fellowship of American Society of Functional Neuroradiology (ASFNR) and Roentgen Oration Gold Medal of Telangana Indian Radiology and Imaging Association; was the Ann Osborn ASNR Outreach Visiting Professor in Brazil.

**Peter J.H. Scott, PhD**
Received 2019 Distinguished Investigator Award from Academy for Radiology & Biomedical Imaging Research.

**Ashok Srinivasan, MD**
Became President-elect of the Western Neuroradiological Society; Treasurer of ASHNR; Radiology Section Editor, JAMA Otolaryngology; Deputy Editor, Radiology: Imaging Cancer; Chair ABR Neuroradiology Core Exam Committee.

**Erica B. Stein, MD, et al**
Received Cum Laude Award for educational exhibit at 2018 RSNA.

**Corrie Yablon, MD**
Elected Treasurer of the Society of Academic Bone Radiology and serves on the Program Committee of the Society of Skeletal Radiology.

**Ashish Wasnik, MD**
Chair, RSNA Edu. Exhibit Committee (UroRadiology); Section Chair, RSNA Edu. Exhibit Awards (MS, ER & Education); Executive Committee, RRA-AUR; Editor’s Recognition: RadioGraphics, Academic Radiology.

**Ashok Srinivasan, MD**
Became President-elect of the Western Neuroradiological Society; Treasurer of ASHNR; Radiology Section Editor, JAMA Otolaryngology; Deputy Editor, Radiology: Imaging Cancer; Chair ABR Neuroradiology Core Exam Committee.

**William Weadock, MD, FACR**
Named 2019 Chair for RSNA 3D Printing Special Interest Group (SIG).

**Chuan Zhou, PhD**
Received a new NIH U01 Award titled, “Histopathology Correlated Quantitative Analysis of Lung Nodules with LDCT for Early Detection of Lung Cancer”.”
### WELCOME NEW FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Specialization</th>
<th>Institution</th>
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<tbody>
<tr>
<td><strong>Brett Arnkoff, MD</strong></td>
<td>Lecturer</td>
<td>VA Ann Arbor Healthcare System</td>
<td>from Southfield Radiology Associates Southfield, MI</td>
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<tr>
<td><strong>Daniel Barkmeier, MD, PhD</strong></td>
<td>Assistant Professor</td>
<td>Abdominal Radiology</td>
<td>from Michigan Medicine Ann Arbor, MI</td>
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<tr>
<td><strong>Kenneth Buckwalter, MD, MBA, FACP</strong></td>
<td>Professor</td>
<td>Musculoskeletal Radiology</td>
<td>from Indiana University / IU Health University Hospital Indianapolis, IN</td>
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<tr>
<td><strong>Aristides Capizzano, MD</strong></td>
<td>Associate Professor</td>
<td>Neuroradiology</td>
<td>from University of Iowa Iowa City, IA</td>
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<tr>
<td><strong>Michael Cline, MD</strong></td>
<td>Assistant Professor</td>
<td>VA Ann Arbor Healthcare System</td>
<td>from Michigan Medicine Ann Arbor, MI</td>
</tr>
<tr>
<td><strong>Zachary DelProposto, MD</strong></td>
<td>Associate Professor</td>
<td>Emergency Radiology</td>
<td>from Henry Ford Innovation Institute Detroit, MI</td>
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<tr>
<td><strong>Timothy Donohue, MD</strong></td>
<td>Assistant Professor</td>
<td>Neuroradiology</td>
<td>from Michigan Medicine Ann Arbor, MI</td>
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<tr>
<td><strong>Kimberly Garver, MD</strong></td>
<td>Associate Professor</td>
<td>Abdominal/Breast Imaging</td>
<td>from Huron Valley Radiology Ypsilanti, MI</td>
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<tr>
<td><strong>Alexander Grushky, MD</strong></td>
<td>Lecturer</td>
<td>Emergency Radiology</td>
<td>from Beaumont Health Royal Oak Royal Oak, MI</td>
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<tr>
<td><strong>Susan Hamman, MD</strong></td>
<td>Lecturer</td>
<td>Pediatric Radiology</td>
<td>from Phoenix Children’s Hospital Phoenix, AZ</td>
</tr>
<tr>
<td><strong>Aparna Joshi, MD</strong></td>
<td>Assistant Professor</td>
<td>Pediatric Radiology</td>
<td>from Children’s Hospital of Michigan Detroit, MI</td>
</tr>
<tr>
<td><strong>Sahira Kazanjian, MD</strong></td>
<td>Associate Professor</td>
<td>Vascular/Interventional Radiology</td>
<td>from Toledo Radiological Associates, Inc Toledo, OH</td>
</tr>
<tr>
<td><strong>Xhorlina Marko, MD</strong></td>
<td>Lecturer</td>
<td>Vascular/Interventional Radiology</td>
<td>from Miami Cardiac and Vascular Institute Miami, FL</td>
</tr>
<tr>
<td><strong>Giselle Marshall, MD</strong></td>
<td>Lecturer</td>
<td>Cardiothoracic Radiology</td>
<td>from Michigan Medicine Ann Arbor, MI</td>
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Carol McLaughlin, MD
Assistant Professor
Breast Imaging
from William Beaumont Health / Oakland University
Royal Oak, MI

Nathaniel Meyer, MD
Assistant Professor
Musculoskeletal Radiology
from Michigan Medicine
Ann Arbor, MI

John Millet, MD, MHS
Assistant Professor
Abdominal Radiology
from Michigan Medicine
Ann Arbor, MI

Krishna Perni, MD
Assistant Professor
Neuroradiology
from Michigan State University
East Lansing, MI

Benjamin Pomerantz, MD
Assistant Professor
Vascular/Interventional Radiology
from Kalispell Regional Medical Center/Northwest Imaging
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from Michigan Medicine
Ann Arbor, MI

Michelle Sakala, MD
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from Michigan Medicine
Ann Arbor, MI

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Research
from Case Western Reserve University
Cleveland, OH

Kimberly Shampain, MD
Assistant Professor
Abdominal Radiology
from Massachusetts General Hospital
Boston, MA

William Sherk, MD
Assistant Professor
Vascular/Interventional Radiology
from Michigan Medicine
Ann Arbor, MI

Michael Todd, MD
Assistant Professor
Emergency Radiology
from Premier Radiology
Kalamazoo, MI

Andrew Weinberger, MD
Lecturer
Emergency Radiology
from Michigan Medicine
Ann Arbor, MI

Man (Maggie) Zhang, MD, PhD
Assistant Professor
Abdominal Radiology
from University of Washington
Seattle, WA
We all tried to create buy-in into goals bigger than ourselves. The only way you can do that is if you have happy people,” says Dr. Gulani. “It’s very hard to get to excellence without being friendly, and without a strong team it’s very hard to succeed.”

Christopher Hess, MD, Chair of the Department of Radiology at University of California, San Francisco, and a close friend of Dr. Gulani’s, explains that when they were in graduate school, another student was unable to obtain adequate mentorship to finish a project.

“Vikas stepped in and served as his de facto mentor to complete the project and brought me in to work with the student, building a team,” says Dr. Hess. “He was taking accountability for his friends. It shows the value of helping friends achieve their own goals by leveraging his friendships with others.”

“He has a natural way of assuming the best in people, and it imbues a sense of accountability that people act on,” says Dr. Hess. “The sky’s the limit with him. If he assumes something can be done, and he assumes one person can do it, his vote of trust can help the person get things done.”

Years ago, he received a similar vote of confidence. While studying at UM for the boards, Dr. Gulani’s infant daughter was recovering from severe abdominal surgery. It was the most difficult period of his life, and he considered not taking the exams. However, Janet Bailey, MD, the current Associate Chair for Education, who was the program director at the time, advised him to stick with it, suggesting that if he didn’t pass, he’d be no worse off. With the help of the UM community, he slowly found his footing and passed the boards. “It was a testament to UM training,” he says.

To optimize a person’s ability, Dr. Gulani advocates autonomy. “People have to be given the opportunity to fail and understand that failure is OK. You can’t do that by holding their hands through the entire process. Sometimes failure is better than success,” says Dr. Gulani.

At CWRU, he and Dr. Griswold had started a research project with a solution that seemed workable. They thought they were being very innovative, but the solution was grounded in traditional MRI. Their grant was summarily rejected, and three subsequent revisions were attempted, but never submitted.

The big change occurred when he and Dr. Griswold sat down and admitted they weren’t ready yet. “I knew in my heart of hearts that there were physical reasons why our proposed solutions would break down at certain limits,” says Dr. Gulani.

That weekend, Dr. Griswold did simulations that would become the framework for a new technology they were developing – MR Fingerprinting. The technology measures multiple physical quantities that can influence an MRI signal. While MRI could be compared to placing a hand on someone’s forehead and saying the person has a fever, MR Fingerprinting is like putting a thermometer in the mouth and seeing the temperature is 101 degrees.

“Had we been funded with the original grant, I don’t think we would have come up with a breakthrough solution,” says Dr. Gulani. “We needed to fail and be told that it wasn’t right in order to come up with a new solution.”

“I’ve chosen to work with people who I consider to be smarter than myself,” says Dr. Gulani. “I consider Mark a genius. And my wife, Nicole, is a close research collaborator

LEADERSHIP

1. Vikas Gulani, MD, PhD
   Department Chair

2. Dana Habers, MPH
   Chief Department Administrator

3. Janet Bailey, MD
   Associate Chair, Education

4. Kenneth Buckwalter, MD, MBA, FACR
   Associate Chair, Information Technology

5. Matthew Davenport, MD
   Associate Chair, Operations

6. Kimberly Garver, MD
   Associate Chair, Department Life and Culture
and is super smart. Sometimes that can give me the feeling of imposter syndrome. But at the end of the day, super smart people make you smarter. They push you to do things in a more creative way. They will challenge your assumptions. To match them step for step, you have to raise your game. So, the risk of working with much smarter people pays off in the end.”

Similarly, Dr. Gulani looks at issues through non-traditional lenses. “When he addresses a science question, he’s quick to look outside the usual literature and into other areas of science to learn how to solve problems,” says Dr. Hess.

Is there a foundation for his inside-outside maneuverability?

Dr. Gulani’s family moved from India to California when he was 11 years old. His mom had been a teacher, and his dad had been an engineer who owned a recording studio in India. As rupees didn’t convert nicely to dollars, life in the U.S. was initially humbling and hard financially. “Mom talked a lot about paying attention to what kinds of seeds I was sowing,” says Dr. Gulani. “She was fond of saying, ‘Heaven is here; hell is here. Take your pick.’ That told me a lot of control was in my hands. If I wanted to be successful, I needed to work my butt off.”

He did. At UCLA, he earned his B.S. in Chemical Engineering, then a PhD in Physiology at UIUC. There, he also earned his MD, and completed his intern year in Internal Medicine. Residency and a postdoctoral fellowship in body MRI were competed at UM. Another postdoctoral fellowship in physics was done in Germany at the University of Würzburg. He began his academic career at CWRU, became a respected leader in MRI research, and has been named a Distinguished Investigator by the Academy of Radiology Research and elected as a fellow of the International Society of Magnetic Resonance in Medicine.

For Dr. Gulani, doggedness seems to be leashed to creativity. When he and Dr. Hess could not solve a certain science problem and each of their partners were gone for the summer, the two men began having BBQ dinners together as they continued tackling the science questions of the day. Says Dr. Hess, “We barbequed every kind of vegetable and burger possibly known to man, and even bean burritos from Taco Bell.”

In Dr. Gulani’s new role, melding the goals of the radiology department with those of the faculty members may be a modified challenge. “I have to optimize life for each faculty member. If they’re firing on all cylinders and succeeding, they’re getting accolades from around the country, and that reflects on our department. That’s my entire job.”

Under Dr. Gulani, the method of leadership will be round-table and the mantle of leadership will be fluid. “A smart, big-picture leader will know when to seek leadership and take advice from somebody who may appear to be lower on the totem pole,” says Dr. Gulani. Also, the opinions of trusted advisors will inform his thinking. “I don’t like to make knee jerk decisions. I’m very data driven, and the process of considering options has paid off well for me,” he says.

According to Dr. Hess, “Vikas was very good at gaining a shared vision for a problem and gaining investment from individuals on solving that problem. When faced with that reshaped vision, people naturally turned from adversaries into allies.”

If something goes wrong, it’s within Dr. Gulani’s bailiwick to apologize. “It costs nothing, and it’s a very important tool in making people understand you’re human,” he says. “It’s actually a relief to be able to say I made a mistake; mea culpa.”

Future goals? He wants to optimize the success of everything across the department – expand clinical operations while maintaining the UM academic identity, and create a research infrastructure that makes use of computing and molecular biology revolutions. Not a small task, but one that could be done with a happy team.
Amnah Aglan, MD
Abdominal Residency, Michigan Medicine

Hassan Anbari, MB Chb
Vascular Interventional Residency, Providence Hospital

Shima Aran, MD
Abdominal Residency, Detroit Medical Center

Anum Aslam, MD
Cardiothoracic Residency, Wayne State University / Detroit Medical Center

Usa Cain, MD
Musculoskeletal Residency, University of Rochester

Margaret Glenn, MD
Breast Imaging Residency, Cleveland Clinic Foundation

Bashir Hakim, MD
Abdominal Residency, Henry Ford Hospital

Neil Halonen, MD
Musculoskeletal Residency, Tripler Army Medical Center

Jan Hansmann, MD
Vascular Interventional Residency, University of Illinois at Chicago

Connor Hasbrook, MD
Neuroradiology Residency, Beaumont Hospital, Royal Oak

Syed Jafri, DO
Neuroradiology Residency, Beaumont Hospital, Dearborn

Chelsea Jeranko, DO
Neuroradiology Residency, Beaumont Health, Farmington Hills Campus

Tarun Jindal, MD
Musculoskeletal Residency, Michigan Medicine

Alexandria Jo, MD
Vascular Interventional Residency, Michigan Medicine
David Lin, MD
Abdominal Residency, Henry Ford Hospital

Dean Josifoski, MD
Neuroradiology Residency, Henry Ford Hospital

Edith Sella, MD
Cardiothoracic Residency, CEDIMAT, Santo Domingo, Dominican Republic

Edgar Morales Chevres, MD
Neuroradiology Residency, University of Puerto Rico

Yashesh Shah, MD
Musculoskeletal Residency, Michigan Medicine

James Mahn, MD
Vascular Interventional Residency, Michigan Medicine

Elias Taxakis, MD
Abdominal Residency, Michigan Medicine

Rebecca Oudsema, MD
Breast Imaging Residency, Mount Sinai Hospital

Alanna Van Hooser, MD
Cardiothoracic Residency, Henry Ford Hospital

Michael Perone, MD
Musculoskeletal Residency, Virginia Commonwealth University Health System

Hanping Wu, MD
Vascular Interventional Residency, University Hospital Cleveland Medical Center

Bronson Yaldoo, DO
Neuroradiology Residency, McLaren Oakland Hospital

Erin Priddy, MD
Vascular Interventional Residency, University of Louisville

Gabin Yun, MD
Cardiothoracic Residency, Seoul National University Bundang Hospital

Eric Rawie, MD
Neuroradiology Residency, Madigan Army Medical Center

Derek Zipkin, MD
Vascular Interventional Residency, Case Western MetroHealth
WELCOME NEW RESIDENTS

Wes Albright, MD
Undergraduate
Biomedical Engineering,
University of Utah
Medical School
Brown University

Nathan Kafity, MD
Undergraduate
Zoology & Chemistry,
Ohio Wesleyan University
Medical School
The University of Toledo College of Medicine and Life Sciences

Katherine Bojicic, MD
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Cellular & Molecular Biology,
University of Michigan
Medical School
University of Michigan Medical School

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Undergraduate
Biology, Drake University
Medical School
Creighton University School of Medicine

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Chemistry & Biochemistry,
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University of Kansas School of Medicine-Wichita

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Geosciences, Princeton University
Medical School
University of Michigan Medical School

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Undergraduate
Biological Science,
Pennsylvania State University
Medical School
Sidney Kimmel Medical College at Thomas Jefferson University

Daniel Schneider, MD
Undergraduate
Zoology, The Ohio State University
Medical School
University of Cincinnati College of Medicine

Kyle Grassel, MD
Undergraduate
Engineering, Colorado School of Mines
Medical School
Indiana University School of Medicine

Michelle Shnayder, MD, MPH
Undergraduate
Neuroscience; Science & Society,
Brown University
Graduate School
Master of Public Health,
University of Miami
Medical School
University of Miami

Crysta Iv Kyrazis, MD
Undergraduate
Biology, University of Florida
Medical School
University of Florida College of Medicine
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.


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.

1. **Ashley Anderson, MD**  
   *Class of 2021*  
   Mentored by: John Kim, MD  

2. **Ryan Aronberg, MD, MS**  
   *Class of 2021*  
   Mentored by: John Kim, MD  
   “Pediatric Posterior Fossa Tumors.” Presented at 2019 American Roentgen Ray Society Annual Meeting, Honolulu, HI.

3. **Casey Branach, MD, JD**  
   *Class of 2023*  
   Mentored by: Minhajuddin Khaja, MD, MBA  

4. **Jack Conner, MD**  
   *Class of 2021*  
   Mentored by: Kimberly Shampain, MD  
   Mentored by: Mishal Mendiratta-Lala, MD  

5. **Ryne Dougherty, MD, MBA**  
   *Class of 2022*  
   Mentored by: Michael Cline, MD  
   Mentored by: Erica Stein, MD  
Byron DuBois, MD
Class of 2023
Mentored by: Minhajuddin Khaja, MD, MBA
“Aortic Intervention / EVAR and TEVAR.” Presented at 2019 Cardiovascular and Interventional Radiological Society of Europe Meeting, Barcelona, Spain.

Steven Han, MD, MS
Class of 2021
Mentored by: Venkataramu Krishnamurthy, MBBS
“Utilizing Methylene Blue Prior to Embolization in a Patient with Upper Gastrointestinal Bleeding.” Presented at 2019 Cardiovascular and Interventional Radiological Society of Europe Meeting, Barcelona, Spain.

Michael Lee, MD
Class of 2021
Mentored by: Toshio Moritani, MD, PhD
“Perfusion and Diffusion-weighted Imaging of Pediatric Brain Tumors.” Presented at 2019 American Society of Neuroradiology Annual Meeting, Boston, MA.

Mentored by: Sung Moon Kim, MD

James Mahn, MD
Class of 2020
Mentored by: Michael Cline, MD

Sarah Moorman, MD
Class of 2021
Mentored by: Mishal Mendiratta-Lala, MD

Mentored by: Erica Stein, MD

Brianna Oliver, MD
Class of 2022
Mentored by: Michael Cline, MD
Rudra Pampati, MD
Class of 2022
Mentored by: Joseph Gemmete, MD

Taylor Schoenheit, MD
Class of 2022
Mentored by: Joseph Gemmete, MD

Tyler Sevco, MD
Class of 2022
Mentored by: John Kim, MD
“A Case of Recurrent Progressive Stroke-Like Migraine Attacks After Radiation Therapy Syndrome Complicated by Superimposed Infarct.” Presented at 2019 Western Neuroradiological Society Annual Meeting, Coeur d’Alene, ID.

David Shlensky, MD
Class of 2021
Mentored by: Richard Brown, MD, FACR

Stephanie Spann, MD
Class of 2020
Mentored by: Corrie Yablon, MD

Zachary Wilseck, MD
Class of 2020
Mentored by: Mohannad Ibrahim, MD
RADIOLOGY AT THE SEASHORE
March 9 – 13, 2020
South Seas Island Resort
Captiva Island, FL

Richard K.J. Brown, MD, FACR
Nuclear Medicine

Matthew Davenport, MD
Abdominal Radiology

Kara Gaetke-Udager, MD
Musculoskeletal Radiology

Alexis Virginia Nees, MD
Breast Imaging

Douglas Quint, MD
Neuroradiology

Dharshan Vummidi, MD, FRCP, FRCR
Cardiothoracic Radiology

William J. Weadock, MD, FACR
Abdominal Radiology

RADIOLOGY AT THE DESERT
February 24 – 28, 2020
Omni Scottsdale Resort & Spa at Montelucia
Scottsdale, AZ

Kenneth Buckwalter, MD, MBA, FACR
Musculoskeletal Radiology

Mark A. Helvie, MD, FACR
Breast Imaging

John Kim, MD
Neuroradiology

Joel F. Platt, MD
Abdominal Radiology

Peter J. Strouse, MD, FACR
Pediatric Radiology

Ashish P. Wasnik, MD
Abdominal Imaging

Charles S. White, MD
Thoracic Radiology
University of Maryland School of Medicine

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The Department of Radiology at the University of Michigan is most grateful to our family of alumni who have supported our programs in education, training and research. Over a century’s worth of excellence has been enhanced through your generosity. We hope you will continue being a part of this legacy by considering a gift.

WHAT WOULD YOU LIKE TO SUPPORT?

There are many opportunities to help support our successful educational, research, and clinical missions so that future trainees have the same opportunities as yourself. You can help advance radiology education, research, and patient care with a contribution. You can create an endowment, fund new equipment, or establish an educational award, research fund, lectureship or professorship in honor of a family member, friend, or faculty.

We want to hear from you!

Questions? Please contact...

Jason Keech
Assistant Director of Development
jkeech@umich.edu | 734.763.0866

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Patricia D. Hurn, PhD, dean, School of Nursing.
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