

PAUL C. HODGES ALUMNI SOCIETY

Maintaining and Perpetuating Scholarly Dedication to the Radiological Sciences

Newsletter

March 2022

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Drs. Gillian Newstead and Robert Schmidt Recipients of the Paul C. Hodges Excellence Award

Drs. Gillian Newstead and Robert Schmidt were honored as the 2021 recipients of the Paul C. Hodges Excellence Award at the Hodges Society reception during RSNA week.

Dr. Schmidt received his MSc degree in medical physics and his medical degree from the University of Chicago, where he also completed his residency in radiology in 1986. He was then appointed as an Assistant Professor in the Department of Radiology. In 2002, he became Professor of Radiology and Director of Breast Imaging Research at the University.

Dr. Newstead received her medical degree from the University of Edinburgh in Scotland and completed an internship at Genesee Hospital in Rochester, New York. She then emigrated to the United States and completed a residency in radiology at Strong Memorial Hospital in Rochester and Temple University Hospital in Philadelphia. Following academic appointments at Tufts and NYU, Dr. Newstead joined the faculty at the University of Chicago as an Associate Professor in 2002, and was soon promoted to Professor and served as Section Chief, as she had at NYU.

Drs. Newstead and Schmidt oversaw the Breast Imaging Service at the University of Chicago during a time of rapid growth in both patient volume and innovative technology. Their shared and cumulative contributions, as members of the University of Chicago community and beyond, have helped to define the field of breast imaging, including developing procedures such as stereotactic breast biopsy and percutaneous 14-gauge needle biopsy of abnormal axillary lymph nodes identified by ultrasound and by application of multi-parametric MRI for breast cancer screening and diagnosis. In addition, Dr. Schmidt, who started as a physicist, was lucky



enough to work with talented medical physicists in the department. Dr. Schmidt was a pioneer in computer aided detection (CADe) for mammography screening, and Dr. Newstead was a pioneer in computer-aided diagnosis (CADx) in breast MRI. Last year she published a book, *Breast MRI Interpretation* with over 2,800 images, and with access to large downloadable training datasets in the cloud allowing radiologists to read many of the book figures as in clinical practice. Together, Bob and Gillian developed one of the country's leading investigative breast imaging programs, with work supported by grants from the American Cancer Society, the National Cancer Institute, and industry and philanthropic sources, while maintaining a cutting edge clinical Breast Imaging Section. They proved themselves leaders in the field of breast cancer imaging, making critical contributions to the development of new strategies for breast cancer management, having numerous publications in top medical and radiology journals, and being involved in several medical organizations.

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FACULTY NEWS

Dr. Mikin Patel Joins the Vascular and Interventional Radiology Section.



Mikin V. Patel, MD, MBA, completed his diagnostic radiology residency at the University of Chicago Medical Center. He completed a fellowship in Vascular and Interventional Radiology at Northwestern McGaw Medical Center and then was appointed to the faculty in Interventional

Radiology at the University of Arizona Medical Center. He now returns to the University of Chicago as an Assistant Professor of Vascular and Interventional Radiology.

Double board certified in Diagnostic and Interventional Radiology by the American Board of Radiology, Dr. Patel

has authored publications in high-impact, peer-reviewed journals, and has presented abstracts at national conferences. His clinical interests include interventional oncology, treatment of liver tumors, deep vein thrombosis, benign prostatic hyperplasia, and uterine fibroids. In addition to his clinical work, his research interests include healthcare quality improvement, comparative effectiveness, and operations management. He has served a number of committee positions in local health systems, regional public health advisory boards, and nationally for the Society of Interventional Radiology (SIR).

Dr. Patel believes in the importance of education in order to advance the field of interventional radiology, and has mentored many students, residents, and fellows.

Dr. Osman Ahmed in Recent Edition of The Forefront



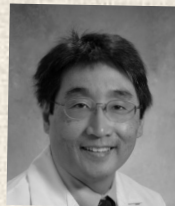
Osman Ahmed, MD, Associate Professor of Radiology discusses Genicular Artery Embolization (GAE) in a recent article in The Forefront magazine.

Genicular artery embolization (GAE) is a new and innovative procedure for the treatment of osteoarthritis (OA) affecting the knee. OA of the knee is a very common chronic disease that affects millions of patients. Current treatment options include medical therapies such as physical therapy, pain relievers, and steroid injections. For patients whose disease cannot be controlled with medications, the only current alternative is knee replacement. GAE represents a new minimally invasive solution which addresses and minimizes pain and disability associated with OA. Currently, University of Chicago Medicine is the only site in the Midwest to offer GAE through clinical trials. The collaborative efforts of anesthesia pain management, orthopedic surgery, and interventional radiology teams are responsible for this successful initiative.



Eight University of Chicago radiologists Named as Chicago Magazine's "2022 Top Doctors."

Diagnostic Radiology:



Paul Chang, MD



Abraham Dachman, MD



Jeffrey Leef, MD



Gregory Stacy, MD

Nuclear Medicine:



Daniel Appelbaum, MD



Brian Funaki, MD



Jonathan Lorenz, MD



Thuong Van Ha, MD

Vascular & Interventional Radiology:

Awards & Honors:

DR. ABRAHAM DACHMAN AND CO-AUTHORS AWARDED A JACR BEST OF 2021 AWARD



Congratulations to Abraham Dachman, MD, and his fellow co-authors, Courtney C. Moreno, MD, Judy Yee, MD, Richard Duszak Jr., MD, Lenka Goldman, MSE and Michael Horny, PhD, MSc. on being selected as a winner of a JACR "Best of 2021" Award.

The article, "Use of Screening CT Colonography by Age and Race: A Study of Potential Access Barriers Related to Medicare Noncoverage Based on Data From the ACR's National CT Colonography Registry" (published in the January 2021 issue) was chosen by a committee of the *JACR* editors as the best article published in the journal in the Health Services Research and Policy category during this past year.

Research News

Dr. La Riviere's paper published in *Nature*



Dr Patrick La-Riviere's paper "Multiview confocal super-resolution microscopy", was published on November 26, 2021 in the journal *Nature*.

Completed in collaboration with Dr. Hari Shroff's NIBIB's High Resolution Optical Imaging laboratory, the paper focuses on a multi-view confocal microscope with super resolution capabilities. While the work was driven by Dr. Shroff's lab, Dr. La Riviere and his former student, Dr. Corey Smith, contributed a number of important computational ideas and techniques that helped them image larger samples at higher resolution than anyone has before.

This paper has also been featured in the University of Chicago's Marine Biological Laboratory (MBL) and the NIBIB websites.

Dr. Bader awarded American Cancer Society Research Scholar Grant



Congratulations to Dr. Kenneth Bader on being selected as the recipient of a Research Scholar Grant from the American Cancer Society (ACS). Dr. Bader's selection resulted from a very rigorous review process intended to fund only the best

science and the best scientists and health care professionals. The awarded grant will fund Dr. Bader's research project entitled: "*Ultrasound imaging feedback for histotripsy ablation of renal tumors*".

This Hodges Society newsletter is for you, and about you—so please forward content ideas such as interesting cases, awards, accomplishments, and announcements. We like to share good news.

And please, if you move or change your email, let us know so we can update your contact information and stay in touch.

PAUL C. HODGES SOCIETY NEWSLETTER STAFF

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FROM THE OFFICE OF DIVERSITY & INCLUSION

Providing brief updates with regards to Diversity, Equity, and Inclusion efforts across the department, and to periodically feature our diverse departmental members.



New Attending Spotlight: Olga Pasternak-Wise, MD

A conversation between one of our newest neuroradiologists, **Dr. Olga Pasternak-Wise**, and Diversity Council Core Member, **Dr. Melvy Mathew**:

MM: *What influenced your decision to pursue a career as a Radiologist? As a medical student, did you consider any other field?*

OP-W: Growing up, all I wanted was to be a doctor and surgery seemed so interesting. To be more competitive in the application process, I pursued a Master's degree in medical imaging sciences, which introduced me to the field of Radiology.

MM: *How did you decide neuroradiology was the subspecialty for you?*

OP-W: The central nervous system was the most fascinating organ system to me throughout my learning and training.

MM: *Have you had any (negative or positive) experiences of note along your career trajectory that you feel had to do with you being a woman in a predominately male field?*

OP-W: I definitely worked harder to prove myself and tried to be seen as a physician first, woman/mother/friend later. I know many women that feel the need to be seen this way. In my sub-specialty, only about 10% are women. I think it can be a tough balance, but the positive is that I don't think it's necessary in today's society to place such pressure on ourselves anymore.

MM: *Over the years, do you believe that there have been strides made in improving diversity and inclusion among radiologists as a whole?*

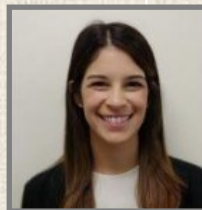
OP-W: There has been great momentum to create positive change, which is very exciting. But we are still at the beginning of the process and need to work diligently on recruiting, as well as inspiring people at a younger age to consider radiology as a field where they can thrive.

MM: *What advice do you have for current radiology residency trainees?*

OP-W: I would advise people to choose a specialty based on imaging modalities and disease processes that interest them, and think about the clinical services they will work with the most based on their choice. Sometimes, trainees are biased by a good experience with attendings on a rotation and don't necessarily have passion in that subspecialty. It's important to be honest with yourself and ask many questions to understand the fields in depth.

Dr Jessica Telleria Awarded Biological Sciences Division Office of Diversity & Inclusion Small Grant

Jessica Telleria-Cano, MD, one of two trainee liaisons to the department's Diversity & Inclusion Council, applied for and received a Biological Sciences Division, Office of Diversity and Inclusion Small Grant. She was mentored by Drs. Emily Marshall and Carina Yang. The funds will be utilized for initiation of a new "Women in Radiology" Grand Rounds Speaker Series. Female speakers, especially those earlier in their career, will be provided an opportunity to discuss a topic of their choosing - to showcase their scholarly activity or other areas of interest relevant to the field of medicine.



Only 27% of radiology residents are female. That percentage is slightly lower for women practicing radiology, at 26.5%. By hosting a female Grand Rounds speaker, we hope to positively affect the perception of females in the radiology field and to inspire females in the department to pursue a pathway forward towards reaching their own full potential in the field. Our goal is to increase the rate of hosting female speakers overall for yearly department sponsored Grand Rounds. Assessment will include tracking the percentage of female grand round speakers hosted each year and also the percentage of female attendees at these sessions.

SAVE THE DATE! IR Trauma Conference

Due to the overwhelmingly enthusiastic response to the inaugural 2021 *How to Save a Life* conference, the event has been renewed for 2022. **Dr. Jeffrey Leef** (Section of Vascular & Interventional Radiology) is once again leading the planning and execution of the event.

The conference this year will include additional subject matter pertaining to nursing, pediatric trauma, as well as expanded neuro trauma education. The pediatric trauma component will include lectures by **Dr. Lisa Kang** (Assistant Professor of Radiology, UC Davis) who is an alum of our diagnostic radiology residency program (2013) and of our IR fellowship program (2015). Additionally there will be a presentation on the The University of Chicago Violence Recovery Program by Ms. Brenda Battle. New keynote speakers will include Dr. Benjamin Aaron, who operated on President Ronald Reagan in 1981 after an assassination attempt, as well as Dr. David Halleran, the trauma surgeon who attempted to save the life of John Lennon in 1980 after he was shot.



Farewell, Pam Murphy



L-R: Dr. Patel, Kate Lorimer, Dr. Funaki, Pam Murphy, Dr. Zangan, Dr. Kumari, Dr. Lorenz, and Dr. Navuluri.

Pamela Murphy, who was the administrative assistant for the section of vascular & interventional radiology since July 2008, has left the department to pursue her passion of volunteer work. She supported several sections during her years here, and the entire department, especially the VIR section, is grateful for her contributions and wishes her the best in her new endeavors.

Thank you to our Generous 2021 - 2022 Hodges Alumni Society Donors

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CHAIR'S CORNER



Dear colleagues and friends,

After leaving a challenging quarter impacted by the Omicron surge behind, we are energized by the upcoming spring and hopeful that we are on track to go back to our pre-pandemic work and lifestyle. With this newsletter, I am very pleased to share our department's annual report with you highlighting our exceptional team and their hard and exciting work. After a hiatus of more than 10 years, annual reports will be a good opportunity to recognize, reflect upon and share our accomplishments. You may see a number of familiar faces but also be surprised with many new members of our team. I would like to thank Dr. Kirti Kulkarni (VC for Communications), Mandy Velligan, and all of our section chiefs for putting together this report. Please share your feedback after you take a look. Your input will be very valuable for us to make these reports even

better and help us to identify other communication venues in the future.

As you may already know, our department is going through a substantial expansion within the next 18 months with the opening of two new imaging centers (downtown Chicago and NW Indiana) as well as expansion of the existing Orland Park facility. In preparation for this expansion, we are now proactively trying to recruit more radiologists in various subspecialties. In this newsletter, we are also including a list of these new positions. Attracting good talent is always our goal and we would love to bring our alum back home or reach out to your colleagues/friends that you recommend. You may contact section chiefs or me to learn more about these new positions. I would like to thank all of you for your continuing support and look forward to hearing from you or even better, seeing you in person, when you have a chance to visit us.

Sincerely,
Aytek Oto

[University of Chicago Department of Radiology 2020 - 2021 Annual Report](#)

As Dr. Oto mentioned above, the Department is Expanding, and is currently recruiting for the following positions:

- [Breast Imaging Radiologists #RAD042](#)
- [Clinical Associates – Body Imaging Radiologists #RAD040](#)
- [Chest Imaging Radiologist #RAD041](#)
- [Clinical Associates – Emergency Radiology #RAD039](#)
- [Faculty – Neuroradiologists #RAD036](#)
- [Clinical Associates – Neuroradiologists #RAD038](#)
- [Musculoskeletal Radiologists #RAD030](#)
- [Radiochemists #RAD014a](#)
- [Research Assistant Professor #RAD035](#)
- [Clinical Associates #RAD029](#)

If you have any questions, please contact Academic Affairs Specialist Monique Shelton:
mshelton@radiology.bsd.uchicago.edu

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