

PAUL C. HODGES ALUMNI SOCIETY

Maintaining and Perpetuating Scholarly Dedication to the Radiological Sciences

Newsletter

July 2022

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STEFFEN SAMMET, PhD, RECEIVES MULTIPLE GRANT AWARDS TO FURTHER RESEARCH IN TRANSLATIONAL MEDICINE AND GLOBAL HEALTH

Dr. Sammet received funding for the project "Laboratory Animal Models to Benefit Learning in Antenatal Biology." This is a multi-institutional project between the University of Chicago, Ann & Robert H. Lurie Children's Hospital of Chicago, Northwestern University, and Rush University, with the aim to develop and refine novel fetal therapies in translational models of congenital disease. This multistage large animal project will provide a budget of more than \$100,000 per year through foundation funds from Lurie Children's Hospital, which will be used to investigate novel fetal surgical procedures at the University of Chicago Animal Resources Center and image-guided fetal interventions at the University of Chicago MRI Research Center. Dr. Sammet is leading this research project as Principle Investigator together with Dr. Aimen Shaaban, who is the Director of the Chicago Institute for Fetal Health at Lurie Children's Hospital and appointed as Professor of Surgery at Northwestern University.

Dr. Sammet has also received two grants from the University of Chicago Center of Global Health and one grant from the University of Chicago Pritzker School of Medicine to support the project "Medical Imaging Research in Neurological Diseases at the University of Ibadan and Lagos State University in Nigeria". These grants will be used to offer competitive scholarships to students from the University of Chicago to work in Nigeria on quantitative radiological research projects. These new grant awards will continue to strengthen the international collaborations funded by Dr. Sammet's R25 grant from the NIH National Institute of Neurological Disorders and Stroke and will enable him to expand on existing successful radiological research projects with long-standing collaborators in Nigeria.



Benjamin Aribisala, PhD, Professor of Computer Science and Vice Chancellor at Oduduwa University in Nigeria, and Steffan Sammet, PhD. Professor Aribisala is a Fulbright Visiting Scholar at the University of Chicago and under Dr. Sammet's mentorship, will be collaborating on Fulbright funded imaging research projects.

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DR. BRIAN FUNAKI RECEIVES BSD DISTINGUISHED FACULTY AWARD

Brian Funaki, MD FSIR FAHA FCIRSE, Professor of Radiology and Section Chief of Vascular and Interventional Radiology, has received this year's Distinguished Clinician Award.

Since 2011, the Faculty Advisory Committee of the Biological Sciences Division at the University has been honoring fellow faculty members for their contributions to our collective missions of excellence in education, research, diversity and inclusion, program innovation, service to the community, and patient care. The Distinguished Clinician Award recognizes highly talented members of our faculty for their clinical excellence.



AWARDS

Samuel Armato, PhD Named Associate Director for Education at UCM Comprehensive Cancer Center

The department is pleased to announce the appointment of Dr. Samuel Armato, Associate Professor of Radiology, as the new Associate Director for Education at the University of Chicago Medicine Comprehensive Cancer Center (UCCCC), effective April 1, 2022.

Having spent the past 9 years as the Chair of the Committee on Medical Physics, through which he serves as Director of the Graduate Program in Medical Physics, Dr. Armato has an established track record as a leader and mentor for promising young cancer researchers. The Graduate Program in Medical Physics is recognized internationally for its research excellence and the caliber of its faculty, students, and graduates.

Dr. Armato's research broadly involves the development and evaluation of computerized techniques for the quantitative analysis of medical images and the assessment of tumor response to therapy through a variety of interdisciplinary image-based projects. He is also the Faculty Director of the Human Imaging Research Office (HIRO). In his role as the UCCCC AD for Education, Dr. Armato will be working to expand, integrate and coordinate all cancer-related educational efforts in the Comprehensive Cancer Center. He will replace M. Eileen Dolan, PhD, Professor of Medicine, who was the Cancer Center's Associate Director for Education for the past 8 years.

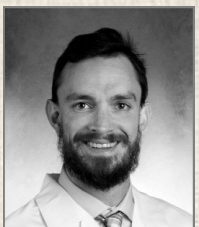


Maryellen Giger, PhD, Recipient of the 2022 SPIE Harrison H. Barrett Award in Medical Imaging



The International Society for Optics and Photonics (SPIE) Harrison H. Barrett Award in Medical Imaging is presented in recognition of outstanding accomplishments in medical imaging. Dr. Giger's pioneering work in the field of digital image formation, computer-aided diagnosis, radiomics, and radiogenomics garnered her the award.

Dr. Giger has been an SPIE member since 1995 and has served on multiple SPIE committees, including Publications, Strategic Planning, Compensation, and Equity, Diversity, and Inclusion. She served as a member of the SPIE Board of Directors from 2012-2014, and on the Society's Executive Committee between 2016-2019. In 2018, Giger held the role of SPIE President.



Kenneth Bader, PhD, Receives The Frederic Lizzi Early Career Award from ISTU

Kenneth Bader, PhD, has been awarded The Frederic Lizzi Early Career Award based upon a holistic evaluation of his work from graduate school through the present. Given by the International Society for Therapeutic Ultrasound (ISTU), the award recognizes early career achievements in the field of therapeutic ultrasound.

ISTU is a non-profit organization founded in 2001 to increase and diffuse knowledge of therapeutic ultrasound to the scientific and medical community, and to facilitate the translation of therapeutic ultrasound techniques into the clinical area for the benefit of patients worldwide. The Frederic Lizzi Early Career Award was established in 2008 to honor Dr. Lizzi, a pioneer in advanced diagnostic and therapeutic applications of ultrasound.

ISTU 2022
Congratulations to our
Annual Award Winners!

 Natalia I. Vykhotseva Fry Award Winner	 Kenneth Bryan Bader Lizzi Award Winner	 James J. Choi Lizzi Award Winner	 Nir Lipsman Early Clinical Investigator Award Winner
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ISTU Sunnybrook RESEARCH INSTITUTE

Please support the ongoing education and research efforts of the Paul C. Hodges Alumni Society by making a tax deductible donation on our Radiology Website through the links below.

[Hodges Society Donations](#)

[Fennessy Traveling Scholars Fund](#)

FACULTY NEWS

Jerome James “Jerry” Brosnan, MD March 12, 1938 – February 1, 2022



We are saddened to announce the passing of Dr. Jerome “Jerry” Brosnan, Radiologist and Hodges Alum, at the age of 83 years.

A native Chicagoan, Dr. Brosnan earned his Bachelor of Science and Medical Degrees from Loyola University, and completed his internship at Mercy Hospital. He served in the U.S. Army as Captain, with active duty from 1964 to 1966, and received the

Army Commendation Medal. He subsequently completed his Diagnostic Radiology Residency at the University of Chicago, and was Chief Resident from 1968-1969. Thereafter, he joined the faculty in the Department of Radiology at The University of Chicago.

As Director of Diagnosis during the 1970s, Dr. Brosnan served as the stabilizing force and key educator for the residents in the Department. In addition to being an essential teacher and role-model, Dr. Brosnan always emphasized the patient-physician relationship as foundational in the career of a clinical radiologist, learned by example from his father, and shared by example with the next generation of radiologists. He was a founding member of the Hodges Alumni group and faithful supporter for well over 4 decades. Dr. Brosnan positively affected the lives of many during his career.

Osman Ahmed, MD & Jonathan Paul, MD Co-found FLOW Medical

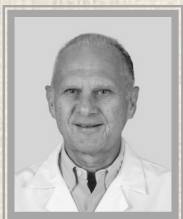
Dr. Ahmed, Associate Professor of Radiology, Interventional Radiology, in collaboration with Dr. Paul, Associate Professor of Medicine, Cardiology, founded FLOW Medical to develop a catheter for treating venous thromboembolic disease. Due to their frustration with current devices for pulmonary embolism treatment, the two wanted to create the ideal device, balancing the risks and benefits of treatment. FLOW is the first thrombolytic catheter made for pulmonary artery use. They have brought their work to the Polsky Center for Entrepreneurship and Innovation here at UChicago to test the commercial value of their device and research, crediting much of their success to Polsky.

Currently, FLOW Medical is finalizing their prototype for use in animal studies and FDA approval in the months to come. For more information, visit FLOW Medical [here](#).



Jonathan Paul, L Osmanuddin Ahmed, MD (Image credit: Andrew Collings)

Dr. Mario Zaritzky’s Flourish Technique Used to Treat Esophageal Atresia



In a recent interview with the UK charity TOFS (Tracheo-Oesophageal Fistula Support), Dr. Sherif Emil of McGill University School of Medicine in Canada discusses the use of Flourish, a minimally invasive procedure to treat Esophageal Atresia in newborns under a year old. With the use of magnets designed by Mario Zaritzky, MD, Flourish promotes esophageal stretching and growth for anastomosis to occur within 3 to 13 days.

Built by Cook Medical for patient use in 2001, over 30 patients have been successfully treated with Flourish since that time. Dr. Zaritzky now holds two patents with Cook Medical for the original device (2007) and the improved model (2013).

Flourish was awarded the Industry Innovation Award by the National Organization for Rare Diseases in 2018. As research continues and more data on procedure outcomes is published, FDA approval for Flourish is getting nearer.

Watch the complete interview on YouTube: <https://www.youtube.com/watch?v=BPMhxDpEki>

FACULTY NEWS



DAVID M. PAUSHTER, MD, SELECTED AS AJR DISTINGUISHED REVIEWER

The *American Journal of Roentgenology* Distinguished Reviewers are professionals who dedicate their time and talent to ensure quality in submitted manuscripts. This voluntary peer review process enhances the journal's scientific accuracy and innovation.



STEFFEN SAMMET, PHD, PROMOTED TO PROFESSOR OF RADIOLOGY IN THE SCHOOL OF MEDICINE.

Dr. Sammet's promotion is effective July 1, 2022. The department is pleased to learn about his promotion and looks forward to continuing to work with him in to the

2023 RADIOLOGY RESIDENTS

DIAGNOSTIC RADIOLOGY



RAVI
CHINTAPALLI



ABHISHEK
GOSWAMI



MUHAMMED
HOSSAIN



CALEB
VANDYKE



ANDREW
WILLIAMS

INTERVENTIONAL RADIOLOGY INTEGRATED IR-DR



JONATHAN
DU



AMITH RAO

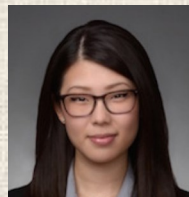
2023 RADIOLOGY FELLOWS

ABDOMINAL IMAGING



OYINLOLU
ADEYANJU

MAMMOGRAPHY



ANGELA
WHITTINGTON

MUSCULOSKELETAL IMAGING



ROBERT
NEIDERMEYER

NEURORADIOLOGY



ANAS
AL-SMADI



MARK
DE GUZMAN



JOSEPH
WILLIAMS

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

Editor

Dr. Scott Stacy

[sstacy@radiology.bsd.uchicago.edu](mailto:ss Stacy@radiology.bsd.uchicago.edu)

Content

Lee Brauer

nbrauer@radiology.bsd.uchicago.edu

Layout & Circulation

Mary Green

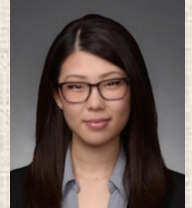
mgreen@radiology.bsd.uchicago.edu

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.

ANGELA WHITTINGTON, MD, INTERVIEWS TRANSGENDER PHYSICIAN ADVOCATE DR. EVELYN CARROLL

Dr. Angela Whittington, Senior Radiology Resident at UChicago Medicine, conducted a recent interview with transgender physician Dr. Evelyn Carroll as part of ACR's Women in the Spotlight Q&A series. Dr. Carroll, a current Body Radiology fellow and future Breast Imaging fellow at the Mayo Clinic, is recognized as one of the rising transgender physicians that advocate for transgender healthcare providers and patients. Read the full interview on ACR's Web site [here](#).



UCHICAGO BSD OBSERVES JUNETEENTH HOLIDAY



For the first time since being designated a federal holiday, UChicago BSD observed the Juneteenth holiday. In addition to a day of reflection within UChicago BSD, the university recognized the holiday with lectures, artistic and cultural presentations, an outdoor block party, film screenings and more.

Juneteenth honors the day of June 19, 1865, when news of freedom was brought to over 250,000 enslaved African Americans in Galveston, Texas two-and-a half years after the signing of the Emancipation Proclamation. African Americans have celebrated the 19th of June as a day of freedom since 1866.



DEI Spotlight:

Luiz De Jesus Sanchez, PGY2

1 *Tell us a bit about yourself (where you grew up and what influenced your decision to go into medicine).*

I am a proud Puerto Rican from the town of Vega Baja. My undergraduate and medical education was completed at the University of Puerto Rico. I love to spend time with my wife and our two golden doodles in my free time. We will usually be watching sports or exploring a new restaurant in the city.

2 *Why did you choose Radiology?*

Radiology provided me the opportunity to see almost endless interesting pathology while providing invaluable help to the clinical teams. In addition, the excitement of the future in theranostics that nuclear medicine provides drew my attention. The opportunity of remote work and the potential of a great work-life balance were also determinant factors.

3 *As a URM what are your thoughts on DEI in the medical field and Radiology specifically?*

I was shocked when I learned that radiology was amongst the least diverse specialties. There is ample

work to be done. I'm hopeful that our generation can be a catalyst for change.

4 *How do you think UCM can improve recruitment of URM into the medical field?*

We need to improve the visibility of our field. The nature of our profession limits the contact with patients and medical students. If students are not aware of radiology as a potential profession there is little we can do to improve diversity. The potential of pairing URM with mentoring by those who share a similar background would be invaluable. Potential opportunities for early exposure during medical school curriculum may be an option. Additional summer research opportunities including subsidized grants for URM would help.

5 *As a future Radiologist training at a prestigious institution, what advice would you give to other URM (or PR students) to boost their academic and professional opportunities?*

The road may be difficult but you will make it. Trust yourself and your work ethic, display how diversity leads to innovation. You provide a unique set of experiences that can't be learned just reading the books, don't be afraid to showcase it.

I am aware that finding mentorship that understands our background is sometimes difficult. Because of this, think outside the box; there is a large community willing to help. For example, social media can be of great help for applicants to network and find mentorship.