Dr. Charlene Sennett, MD, an associate professor of radiology at the University of Chicago Medicine and a highly respected clinical specialist in breast imaging, died at the medical center on March 23, 2015, after months of illness. She suffered a stroke while awaiting a heart transplant.

Sennett, 62, was well known throughout the Chicago area as a thoughtful and talented clinician, dedicated educator and fierce advocate for her patients.

"She devoted her professional life to patient care," said Gillian Newstead, MD, director of global breast imaging at the University. "She was diligent in her work. She inspired many residents to become breast-imaging specialists."

"No one was happier than Charlene when an early cancer diagnosis led to a good patient outcome," said colleague Robert Schmidt, MD, professor emeritus of radiology. "But whenever she received a compliment she would brush it off, saying 'I will try to do better next time.'"

Sennett was a co-author of multiple studies focused on the acquisition and computer-aided analysis of diagnostic images. She contributed to scientific presentations, invited lectures, publications and collaborative grant projects, all focused on breast cancer prevention, detection, diagnosis and therapy. She was a principal or co-investigator on many studies evaluating new breast cancer imaging techniques or efforts to combine multiple imaging and diagnostic technologies, such as ultrasound, mammography and MRI.

"She was an exceptional doctor and person," said Greg Karczmar, PhD, professor of radiology and director of magnetic resonance imaging research at the University of Chicago. "She was wonderful with patients—kind, helpful, conscientious and sweet. But she also shared her extraordinary expertise on clinical breast imaging with the research team. When she spoke, we paid attention."

Sennett was an effective and popular teacher for medical students, radiology residents, research fellows and established physicians. From 2005 to 2013, she helped train 18 clinical and research fellows, four of whom are now faculty members at the University. She was a frequent guest speaker at University of Chicago continuing medical education events.

"She was a great clinical collaborator, capable and hardworking, polite yet clearly direct," said Maryellen Giger, PhD, the A.N. Pritzker Professor in the Department of Radiology and the Committee on Medical Physics, and director of the Biological Science Division's Imaging Research Institute. "She made sure that the breast-imaging service was on top of the national quality standards—a demanding task—but was always willing to take time to help the medical-physics students and her research-oriented colleagues understand how their work intersected with clinical care."

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Continued … Remembering Dr. Charlene Sennett

Born September 25, 1952, in Crawfordsville, Ind., Charlene Annette Sennett studied to become a nurse at DePauw University in Greencastle, Ind. She earned her BS in nursing with "high distinction," followed by a, MS in cardiopulmonary physiology from the University of Washington in 1977.

She practiced as a nurse for several years, and continued to work as a nurse in an acute cardiovascular unit while attending medical school at the University of Oklahoma Health Sciences Center, where she won awards for "greatest scholarly attitude in medicine" and for "academic achievement." She graduated in 1986 with "outstanding distinction." She came to the University of Chicago as a resident that summer and served as chief resident in 1989-90.

Colleagues noted that her training and clinical work as a nurse prepared her well for a central role in patient care.

After her residency, she spent 11 years as a staff radiologist with a private group at St. Francis Hospital in Blue Island, IL. She returned to the University of Chicago in 2002 as an assistant professor of radiology. She was promoted to associate professor in 2011, and served as interim section chief of breast imaging from 2011 through 2014. During that time, her team was designated a Breast Imaging Center of Excellence by the American College of Radiology.

Sennett is survived by her husband, H. Rodney Holmes, PhD; their daughter, Robin Holmes, MD; and son, Kyle. A service was held on Saturday, March 28, in Wingate, Indiana.

Memorial to Celebrate Life of Charlene Sennett, MD

A memorial will be held May 6 to celebrate the life and accomplishments of Charlene Sennett, MD., associate professor of radiology, who passed away in March.

"She devoted her professional life to patient care," said Gillian Newstead, MD, director of global breast imaging at the University. "She was diligent in her work. She inspired many residents to become breast-imaging specialists."

"No one was happier than Charlene when an early cancer diagnosis led to a good patient outcome," said colleague Robert Schmidt, MD, professor emeritus of radiology. "But whenever she received a compliment she would brush it off, saying 'I will try to do better next time.'"

Memorial Details:
- Date: May 6, 2015
- Time: 4:30 p.m. to 6:00 p.m.
- Location: DCAM Atrium, 4th Floor
Dr. David Turner Receives Hodges Excellence Award

Dr. David Turner, MD, FACR, Professor of Diagnostic Radiology and Nuclear Medicine as well as Emeritus Professor of Diagnostic Imaging Research at Rush Medical College / Rush University Medical Center, was the 2014 recipient of the Paul C. Hodges Excellence Award. Dr. Turner served as Chairperson of the Department of Radiology and Nuclear Medicine at Rush from 2003 until 2009, and was the Director of the Section of Magnetic Resonance Imaging from 1985 until 2004; he was a pioneer of breast MRI in the city of Chicago. Dr. Turner completed his medical school education, medical internship, radiology residency, and additional nuclear medicine training at the University of Chicago as a United States Public Health Service Academic Trainee, after which he was appointed as an Instructor in Radiology (Nuclear Medicine). Since then, he has authored or co-authored over 160 journal articles, books and book chapters, and abstracts in the areas of Nuclear Medicine, MRI and medical decision making. He has been involved in multiple extramural committees, including serving as a member of the Radiology Special Study Section of the National Institutes of Health, and Chairman of committees of the American College of Nuclear Physicians and the Society of Nuclear Medicine. In addition to his clinical and research interests, Dr. Turner continues to play an active role as a teacher at Rush and has received the “Teacher of the Year” award twice.

We congratulate Maryellen Giger, PhD on being selected as this year's American Association of Physicists in Medicine's William D. Coolidge Award recipient. The Coolidge Award is the AAPM's highest honor, denoting excellence and distinguished contributions to Medical Physics. Dr. Giger will receive this recognition at the 2015 AAPM Awards Ceremony and Reception Monday, July 13th, 2015.

Congratulations to Dr. Steffen Sammet on earning the Academy of Radiology Leadership and Management (ARLM) Certificate of Achievement! The ARLM is sponsored by AAARAD, ARRS, AUR, RSNA, and SCARD. Training for this certificate included course work in finance, human resources, professionalism, legal/contracts, academic mission, and general management. We look forward to Dr. Sammet's continued leadership in the Department of Radiology and the University of Chicago at large.
The Department of Radiology is excited to share an image of a 32 gram mouse injected with 130 microcuries of the radiopharmaceutical $^{18}$F NaF. The $^{18}$F NaF was manufactured on-site, by the Department of Radiology as part of its radioisotope and radiopharmaceutical production program. The mouse was imaged for 30 minutes, 45 minutes post injection. Uptake of $^{18}$F NaF is limited to bone only. Even the small mouse ribs (typically 1 mm or less) can be seen.

$^{18}$F NaF is indicated for diagnostic positron emission tomography (PET) imaging of bones to define areas of altered osteogenic activity. $^{18}$F NaF combined with PET is more accurate than 99m-Tc bone imaging. It shows better sensitivity and specificity, and has been used in early detection of breast cancer bone metastases. $^{18}$F NaF PET scans are typically under 90 minutes from prep, injection, uptake, and scanning as compared to up to four hour procedure times for traditional bone imaging scans.

**Resident Achievements**

We are pleased to announce the following achievements from our residency program. These achievements are note-worthy due to the competitive nature of the listed programs and only a handful of residents in the nation have been selected.

**Amar Mehta MD** has been selected to participate in the RSNA/AUR/ARRS Introduction to Academic Radiology Program in April this year at the ARRS Annual Meeting in Toronto, Canada.

**Mikin Patel MD** has been selected to participate in the AUR Radiology Resident Academic Leadership Development Program in April this year at the AUR Annual Meeting in New Orleans, Louisiana.

**Mike Veronesi MD PhD** has been selected to participate in the ACR-AUR Research Scholar Program in April this year at the AUR Annual Meeting in New Orleans, Louisiana.

**Nick Masse, MD, MS** has been selected to receive the A$^{3}$CR$^{2}$ Research Award at this year’s AUR annual meeting in New Orleans, Louisiana

**Eric Blaschke, MD** and **Mike Baad, MD** have been selected to receive the Best Case Award presented by Dr. Mark Murphey at this year’s AUR annual meeting in New Orleans, Louisiana
Welcome New Chief Residents!

Each January new Chief residents take office for the year. We would first like to thank our outgoing Chief residents Lingyun Xiong and Ryan Lo for all their hard work. They did an excellent job!

Our 2015-2016 Chief Residents are:

David Jahangir  Raj Vasnani
Midwest Interventional Radiology Medical Student Symposium

On March 14, 2015, the 1st Annual Midwest Interventional Radiology Medical Student Symposium was held in Chicago, Illinois. The Symposium was a collaborative effort of six medical schools: The University of Chicago, Medical College of Wisconsin, University of Illinois at Chicago, Loyola University, Rush University and Northwestern University. The program agenda was set by Dr. Navuluri who arranged the venue, and arranged speakers and hands-on simulators. The event was free of charge, which was made possible by educational grants. Attendees were only required arrange their own transportation and lodging.

The morning and early afternoon were comprised of lectures. The lecturers included Dr. Rakesh Navuluri (History of IR and GI/GU Interventions), Dr. Seon-Kyu Lee (Neurointerventional Radiology), Dr. Parag Patel (Aortic Disease), Dr. James Bui (Interventional Oncology), Dr. Parag Amin (Venous Interventions), Dr. Bulent Arslan (Peripheral Arterial Disease), and Dr. Kent Sato (Embolization).

After a lunch, which was provided for all attendees, and the last of the lectures, we held a Q&A panel discussion with two PGY-3 diagnostic radiology residents from The University of Chicago (Dr. Amar Mehta and Dr. Mikin Patel), and an IR fellow from Stanford University (Dr. Osman Ahmed).

The afternoon concluded with hands-on sessions. Nine booths were arranged. Station 1 included RF ablation of a phantom liver as well as sample equipment (catheters, guidewires and angioplasty balloons). Station 2 included sample drainage catheters, angiographic catheters, stent-grafts and IVC filters. Station 3 included vertebroplasty equipment. Station 4 included an ultrasound-guided venous access simulator, biopsy needles, PICCs and port catheters. Station 5 included a microwave ablation simulator of animal liver. Station 6 included a computer endovascular simulator. Station 7 included a T-tac and gastrostomy tube simulator using pigs stomachs. Station 8 included samples of various stent-grafts. Station 9 included a sample radioembolization setup as well as a thrombectomy device.

Having a joint effort by multiple institutions allowed us to greatly expand the scale of the event. Invitations were sent to medical schools within Illinois, Wisconsin and the neighboring states. We had approximately 190 students who responded with interest. The event was limited to the first 150 who responded due to the size limitations of the conference room. 113 students ultimately attended. The expanded event scale also helped in encouraging industry to provide sample equipment and simulators. Finally, by having lecturers from multiple medical schools the IR message was more emphatically presented: Interventional radiology is not an uncommon specialty with a limited scope of therapies, but rather has profound impact on patient care everywhere through a wide range of procedures.