



Foundation FOCUS

A QUARTERLY PUBLICATION OF THE RADIOLOGICAL SOCIETY OF NORTH AMERICA RESEARCH & EDUCATION FOUNDATION

INSPIRE | INNOVATE | INVEST *The Campaign
for Funding Radiology's Future®*

2016 Grant Recipient Seeks Practice-changing Breast Cancer Treatment

Elizabeth J. Sutton, MD, her mentor **Elizabeth A. Morris, MD, FACR**, and a team of investigators from Memorial Sloan Kettering Cancer Center are challenging the current clinical practice that all women who undergo neoadjuvant chemotherapy (NAC) for operable breast cancer must still undergo surgery.

Dr. Sutton hypothesizes that for a certain subset of women who have had a complete imaging response to NAC, pathology from a percutaneous MR-guided biopsy will also accurately diagnose a pathologic complete response, obviating the need for breast surgery.

This first-in-human clinical trial could potentially cause a major paradigm shift in breast cancer treatment, offering a cost-effective, minimally invasive alternative that preserves the breast.

Data created from this grant will serve as a foundation for future multi-institutional grants, allowing for investigation with this technique for all breast cancer molecular subtypes.

"The RSNA Scholar Grant is providing much-needed resources to conduct this prospective trial," Dr. Sutton said. "It is an exceptional opportunity that will provide the



Elizabeth J. Sutton, MD (second from left), and her team at Memorial Sloan Kettering Cancer Center

protected time and experience required to begin my transition to an independent investigator in breast imaging. I believe this grant supports the future of breast cancer precision medicine in which radiologists have a central role to play. Most importantly, this work has the potential to impact younger generations, ultimately offering the possibility of saving breasts—to many, the hallmark and essence of femininity."

For a full list of the 2016 R&E grant recipients and their projects, visit RSNA.org/Grant_Search.



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Campaign Status Report: Moving Ahead and Investing in the Future

The RSNA R&E Foundation launched Inspire–Innovate–Invest: The Campaign for Funding Radiology’s Future® just two short years ago at RSNA 2014. We are moving steadily toward the Campaign goal of \$17.5 million thanks to the support of individuals, private practice groups and our corporate colleagues. We are thrilled with our progress and invite everyone to join us in continuing this momentum of generosity.

This year, the Foundation is supporting a record-breaking 101 research and education grant projects totaling \$4 million, representing



a 30 percent funding rate of the ever-increasing number of grant applications received each year. The 2016 recipients represent 54 different institutions throughout North America and abroad, demonstrating a true commitment to the research and education endeavors of so many inspiring individuals impacting our collective futures.

Contributing to the R&E Foundation is the single most important way to directly support the future of the specialty. The Foundation is grateful for the contributions of our many donors and welcomes the support of our entire community.

To learn more about the Campaign, visit RSNA.org/Campaign.



Colin P. Derdeyn, MD, FACR

Grant Recipient Leads Iowa Radiology Department

Colin P. Derdeyn, MD, FACR, has been appointed chair and department executive officer of the Department of Radiology, University of Iowa Carver College of Medicine.

Dr. Derdeyn received a 1994 Siemens Medical Solutions/RSNA Research Fellowship Grant for his project,

The Role of Cerebral Hemodynamics in Ischemic Stroke. He is a national leader in the field of neurological radiology research and his decades-long research efforts as principal investigator have resulted in more than \$15 million in funding from the NIH. Dr. Derdeyn has shared his knowledge as primary or co-author on hundreds of papers and publications and currently serves as a member of the RSNA Neuroradiology/Head & Neck Subcommittee of the Scientific Program Committee.

Best Wishes, Dr. Derdeyn!

2017 R&E Grant Deadlines Approaching

Take the first step toward joining the innovators in research and education; apply for an R&E grant. Awards are available for medical students, trainees, junior faculty and seasoned investigators. An R&E grant is an outstanding way to ignite your research career or further your research goals.

Education Grants—Deadline January 10

- Education Scholar Grant
- RSNA/AUR/APDR/SCARD Radiology Education Research Development Grant



Research Grants—Deadline January 17

- Research Scholar Grant
- Research Seed Grant
- Research Resident/Fellow Grant

Medical Student Grant—Deadline February 1

For more information, visit RSNA.org/Foundation or contact Scott A. Walter, MS, assistant director, grant administration, at 1-630-571-7816 or swalter@rsna.org.



Informatics Pioneer, Centennial Pathfinder to Receive RSNA Gold Medal

Paul J. Chang, MD, is synonymous with innovation in radiology. But the man behind the well-known Stentor PACS system and RSNA Diagnosis Live™ is humble and quick to credit the teams of individuals who helped bring his ideas to fruition. When asked to name his greatest professional achievement, he said, “What I’m most proud of is to be a part of the greater informatics community where continuous innovation is occurring every day, with the ability to understand clinical needs of patients and the successful translation of technical solutions.”

Dr. Chang will receive the Gold Medal at RSNA 2016. “I am deeply humbled and grateful for this award, especially since it comes from an organization that I so deeply respect: in no small degree, my professional career is indebted to the RSNA.

As we all stand on the shoulders of giants, such as the late **Samuel L. Dwyer III, PhD**, as well as **Eliot L. Siegel, MD**, **Steven C. Horii, MD**, **Ronald L. Arenson, MD**, and so many others, I regard this award as a greatly appreciated recognition of the positive impact the informatics community has and will continue to have on radiology,” he said.

While speaking about innovation, Dr. Chang often mentions



Paul J. Chang, MD, leads a fun and interactive RSNA Diagnosis Live™ session during the Annual Meeting.

“You don’t get innovation without risk. It is always the disruptive thinker that innovates. R&E is proof that we put our money where our mouth is. It demonstrates that we are willing to invest and take a risk on these disruptive thinkers.”

Paul J. Chang, MD

the importance of the disruptive thinker. “Disruption is a good and healthy thing. Disruption does not mean displacement, as long as we [radiologists] are driving that change,” he said. As

he explains, “All innovation is considered disruptive while it’s happening, but in retrospect, it’s viewed as a logical step forward.”

His dedication to innovation fosters his support of the R&E Foundation. While larger funding bodies support well-established researchers and projects that are more risk averse, R&E provides a mechanism for young investigators to pursue potentially disruptive concepts. “You don’t get innovation without risk,”

he said. “It is always the disruptive thinker that innovates.

R&E is proof that we put our money where our mouth is. It demonstrates that we are willing to invest and take a risk on these disruptive thinkers.”

Dr. Chang and his wife **Helen** support the Foundation as Sapphire Visionary donors and Inspire–Innovate–Invest Campaign Centennial Pathfinders. When asked what inspired him to commit to the Campaign, he laughed and said, “It was a no-brainer. Disruption doesn’t have an expiration date.”

Thank you Dr. Chang for your incredible contributions to the specialty and the R&E Foundation, and congratulations on your Gold Medal.

“What I’m most proud of is to be a part of the greater informatics community where continuous innovation is occurring every day, with the ability to understand clinical needs of patients and the successful translation of technical solutions.”

Paul J. Chang, MD



Helen and Paul J. Chang, MD



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The Campaign

for Funding Radiology's Future®

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The R&E Foundation would like to thank the following donors for their support of the Campaign.

Platinum Centennial Pathfinders (\$100,000+)

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Jerry P. Petasnick, MD
2001 RSNA President

The Campaign for Funding Radiology's Future[®]

INVEST

"We have made a commitment to help support the R&E Foundation because we can think of no better legacy to leave for radiology than a strong, well-funded research foundation."

BARBARA & JERRY P. PETASNICK, MD
GOLD CENTENNIAL PATHFINDERS

Invest in research that will advance radiology and spark critical discoveries. Join the Campaign for Funding Radiology's Future[®]. We are raising **\$17.5 million** to ensure the future of radiology.

Your investment will transform patient care.

RSNA.org/Campaign



Celebrating 50 Years with RSNA

Leonard Berlin, MD, fondly recalls the day he became an RSNA member on December 1, 1966. In fact, he still has the original Certificate of Membership framed in his office today. “Two years ago the RSNA celebrated a century of existence, and this year I am celebrating my half century of being an RSNA member,” he said.

His road toward a career in radiology began in 1955 after completing his undergraduate degree and preparing to enter medical school. At the time, hospitals were running out of storage space for patient x-ray film. A summer job landed him in the radiology department at the University of Illinois Medical School where he used a specially designed camera to capture images of x-rays on microfilm. Eventually he began shadowing radiologists and, by the end of the summer, he was hired as an x-ray technologist, where he worked weekends and summers throughout medical school. “Needless to say, my continued experience in the radiology department led me to decide that I would become a radiologist,” Dr. Berlin said.

He completed his residency in 1963, followed by two years of service in the United States Air Force. At a time when doctors were being drafted for the Vietnam War, he volunteered for a program that would allow him to first complete his residency, enter the military as a captain in the medical corps, and practice the specialty in which he was trained. He was stationed at Wright-Patterson Air Force Base, Dayton, Ohio, where he was assigned to a small radiology group at a 400-bed tertiary-care hospital.



Leonard Berlin, MD, delivering the 2012 Annual Oration in Diagnostic Radiology

For more than 35 years Dr. Berlin has been an active volunteer with RSNA, sharing his time and expertise on over a dozen committees, and in 2012, Dr. Berlin delivered the Annual Oration in Diagnostic Radiology. “Over the many years of my career, the profession of radiology has brought me much success, happiness, comfort and pleasure. If I’m going to give back in gratitude to the profession from which I have taken, then my giving must be to an entity dedicated to supporting research and education in radiology and related scientific disciplines through funding grants and awards to individuals and institutions that will advance research, education and practice. From a radiologist’s perspective, the entity that fulfills that mission is the RSNA Research & Education Foundation,” he said. Dr. Berlin and his wife **Phyllis** are Platinum Visionary donors, Legacy donors and annually support the Foundation as Presidents Circle donors.

Dr. Berlin has seen radiology evolve in countless ways



Phyllis and Leonard Berlin, MD

“Over the many years of my career, the profession of radiology has brought me much success, happiness, comfort and pleasure. If I’m going to give back in gratitude to the profession from which I have taken, then my giving must be to an entity dedicated to supporting research and education in radiology and related scientific disciplines through funding grants and awards to individuals and institutions that will advance research, education and practice. From a radiologist’s perspective, the entity that fulfills that mission is the RSNA Research & Education Foundation.”

Leonard Berlin, MD

throughout his career. “How exciting and thrilling it has been to witness the advances in technology that have revolutionized the specialty,” he said. “Radiology today is very much different from what it was 50 years ago, but the fundamental foundations of radiology have not changed: radiology remains a noble profession, and radiologists remain the patient’s doctor and the doctor’s doctor.”

What a remarkable career, Dr. Berlin. Thank you for sharing your time, talents and resources with RSNA.

R&E FOUNDATION ACTIVE AT RSNA 2016

The RSNA Scientific Assembly and Annual Meeting is always abuzz with R&E Foundation activity, and 2016 is no exception!

Plan a visit to the redesigned R&E booth in the Connections Center (Lakeside Center, Level 3) to check out 2016 grant recipients, their projects and the generous donors who make the work of the R&E Foundation possible.

Adjacent to the R&E booth is the newly refreshed Donor Suite. If you are looking for a place to recharge, relax or reconnect with other R&E donors, this inviting space is the place to be. With comfortable seating, light refreshments—including that important cup of morning coffee—a self-serve, no-wait coat check, computers and printers, the R&E Donor Suite provides a delightful respite from annual meeting activities. Donors contributing \$300 or more over the prior year enjoy access to the Donor Suite.

When selecting courses, note the contributions of hundreds of R&E grant recipients to the meeting program. With nearly 300 current and past recipients

sharing their knowledge as session authors and moderators and scientific paper and poster presenters, the contributions of past and current grant recipients to radiology education is widely evident throughout McCormick Place. Look for the familiar R&E icon in the Program in Brief, denoting each grant recipient presenting at the meeting. With so many, they will be hard to miss!

Prior to the Image Interpretation Session on Sunday, November 27, R&E Board of Trustees Chair **Burton P. Drayer, MD**, will deliver the annual address of the Foundation. Learn more about the progress of the Inspire-Innovate-Invest Campaign, how you can continue to support efforts to meet the Foundation's goal of \$17.5 million, and why it is so critically important to support the Foundation.

For a break from the lectures and to reinvigorate yourself with a dose of fresh air and exercise, lace up your shoes and participate in the R&E 5k Fun Run. Spanning Chicago's iconic lakefront just as the sun peeks over picturesque Lake Shore Drive, there is simply no better way to start your morning than the Fun Run. The 2016 run kicks off on Tuesday, November 29 at 6:30 AM from Arvey Field in Grant Park. Your \$40 registration fee is fully tax-deductible and benefits the R&E Foundation. Participants will also receive a commemorative t-shirt, while supplies

last. Simply add the Fun Run to your online registration (RSNA.org/Register) or sign up onsite at McCormick Place during the meeting.

See you in Chicago!



INVEST



Strength in Numbers: Strategic Radiology to Donate \$800,000 for Research Seed Grants

Strategic Radiology, a consortium of 26 practice groups from around the nation representing more than 1,400 radiologists, generously committed \$800,000 to fund 20 Strategic Radiology Research Seed Grants. Its Inspire-Innovate-Invest Campaign commitment will be funded by annual donations from its practice group members.

Formed in 2009, Strategic Radiology (SR) was established when like-minded practice groups realized they shared many of the same visions, values and goals. SR's practice group members use a communal approach to sharing data and best practices, interchanging clinical expertise, and consolidating certain practice expenses to further their mission to improve lives by creating superior radiology value through collaboration and innovation.

“The creation of a Strategic Radiology Research Resident Seed Grant is another step in investing directly in the future of our profession and we couldn't be happier to be associated with the RSNA and the R&E Foundation. They share our commitment to innovation, to what is best for our patients and to

being a positive example in our profession. We are proud of our partnership and look forward to future collaborations,” SR Chairman **Arl Van Moore Jr., MD, FACR**, said.

In the seven years since its inception, SR has grown substantially and many of its goals are now coming to fruition. SR member groups currently utilize a common data sharing and analytics



platform that allows them to share radiology best practices. By demonstrating the technical capabilities to move imaging studies among its members, SR is in the process of creating a reading network. It has also embarked on centralized purchasing for certain supplies, medical malpractice insurance and equipment maintenance contracting.

Thank you, Strategic Radiology and its practice group members for your leadership!

Visit RSNA.org/VIP or contact Bob Leigh at 1-630-590-7760 or rleigh@rsna.org to learn more.



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