



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®

Foundation Closes Successful Campaign

Thank you, 17.5 million times over, for investing in the future of our specialty.

In 2013 when the Foundation launched *Inspire-Innovate-Invest: The Campaign for Funding Radiology's Future®* with the ambitious goal of raising \$17.5 million to fund radiology's future, there was no better team to lead our efforts than Campaign Chairs, **R. Nick Bryan, MD, PhD, David C. Levin, MD,** and the late **William G. Bradley, Jr., MD, PhD.**

As a result of their efforts, the entire radiology community rose to the challenge and we are thrilled to announce we have reached our goal!

Phan T. Huynh, MD, a Platinum Centennial Pathfinder, has been committed to this Campaign since the beginning. As chair of the Fund Development Committee, Dr. Huynh proudly champions the Foundation's mission throughout the radiology community: "I feel so much gratitude to be in our amazing

profession and I feel I owe it to my mentors who shaped my career to give back."

Inspire-Innovate-Invest Campaign donors represent every area of our specialty. From the Campaign's 65 Centennial Pathfinders who have made multi-year commitments to the Foundation's individual donors, generous private practice groups and corporate supporters, our Campaign donors were bound by a common thread—the understanding that radiology research performed by radiologists is the most important way we can support the future of our specialty.

"Our practice, as well as private practice groups across the country, are beneficiaries of research and education in the form of the future development of cutting-edge radiology techniques, interventions and technologies. The development of high-quality radiologists who we hope to recruit to improve our future practice, the care of our patients, and the health of radiology as a valuable medical

\$17.5
Million



**BECAUSE OF YOU,
WE DID IT!**

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"On behalf of the Board of Trustees, thank you to all of our donors for your investment in advancing the field of radiology through your support of innovative research and education projects."

N. Reed Dunnick, MD, Chair, R&E Board of Trustees

INVEST

specialty all benefit as well. Our contribution to the Inspire-Innovate-Invest Campaign was the most direct way we could show our support for this process,” said **Brian D. Petersen, MD**, of Inland Imaging, Professional Services, a practice that made a 10-year commitment in honor of the Campaign.

Colin P. Derdeyn, MD, Chair and Departmental Executive Officer of the Department of Radiology at the University of Iowa, is a past R&E grant recipient who committed to the Campaign as a Silver Centennial Pathfinder. “Receiving the Siemens Medical Solutions/RSNA Research Fellow Grant 23 years ago had a profound impact on my career. It opened up a lot of opportunities,” Dr. Derdeyn noted. “I’m grateful to be in a position to give back.”

The impact of the generosity of our donors is already evident. During the course of the Campaign, the Foundation was able to provide \$15 million in support to 340 innovators



65
Centennial
Pathfinders



340
Grants awarded
during Campaign



\$17.5 Million
Committed during the Campaign

in research and education. Moreover, we have been able to encourage so many to pursue careers in research where we can strive to maintain the intellectual leadership in imaging and image-guided therapies, earn the respect in the medical community and improve patient care.

These individuals include 2015 RSNA Research Fellow Grant recipient **Robert R. Flavell, MD, PhD**, whose work led to the development of multiple new positron emission tomography and hyperpolarized ¹³C MRI tracers for imaging the tumor microenvironment. “The tracers are currently being evaluated in a preclinical setting and we anticipate clinical translation in the years to come,” said Dr. Flavell. “This initial funding helped propel me into my first academic position and helped greatly in writing several papers, obtaining extramural funding and starting my own laboratory.”

O. Kenechi Nwawka, MD, a 2016 Research Seed Grant Recipient, whose project was on the use of elastography to quantify change in upper extremity muscle spasticity following Botox injection in children with spastic cerebral palsy, said, “After we were awarded this grant, more attention was drawn to this population and there has been a renewed multidisciplinary research effort that we hope will ultimately benefit this group. The grant has helped to solidify my place as a strong researcher in the institution, and we have had increased referrals for US-guided intramuscular Botox injections for patients with spasticity conditions as well as more requests to collaborate in a wide range of muscle elastography projects.”



O. Kenechi Nwawka, MD

If you are inspired by these donors or recipients or would like to learn more about funding radiology’s future, contact Liten DeNaut, assistant director, fund development, at 1-630-368-3744 or ldenaut@rsna.org



Robert R. Flavell, MD, PhD

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O. Kenechi Nwawka, MD



INSPIRE | INNOVATE | INVEST

The Campaign
for Funding Radiology's Future®

CAMPAIGN DONORS

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

Platinum Centennial Pathfinders (\$100,000+)

Phan T. Huynh, MD Louise & Richard G. Lester, MD Martin R. Prince, MD, PhD Richard & Brigitta Steidl Trust

Gold Centennial Pathfinders (\$50,000)

Anonymous <i>In memory of William G. Bradley Jr., MD, PhD, FACR</i>	Stamatia V. Destounis, MD, FACR & Manuel Matos, MD Valerie P. Jackson, MD Anne G. Osborn, MD Barbara & Jerry P. Petasnick, MD	Marilyn & Ronald B. Schilling, PhD Richard D. White, MD Shirley S. Yang, MD, MBA & Andrew Yang, MSEE, MD <i>In memory of Henry N. Wagner Jr., MD</i>
Rosalind B. Dietrich, MD, FACR & William G. Bradley Jr., MD, PhD, FACR Nick & Jean Bryan		

Silver Centennial Pathfinders (\$25,000)

Teresita L. Angtuaco, MD, FACR & Edgardo J. Angtuaco, MD, FACR Yoshimi Anzai, MD & Satoshi Minoshima, MD, PhD Shirley & Richard Baron Patricia G. Becker, MD & Gary J. Becker, MD Maysoon & Talal Beydoun, MD Martha & James Borgstede Victoria & Michael N. Brant-Zawadzki, MD Barbara Carter, MD Helen & Paul J. Chang, MD, FSIM Robert H. Choplin & Marjorie A. Bowman Glendon G. & Karen E. Cox Colin & Sue Derdeyn, MD Kristen K. DeStigter, MD Sarah S. Donaldson, MD Marilyn A. Roubidoux, MD & N. Reed Dunnick, MD Margaret S. Houston, MD & Richard L. Ehman, MD Richard H. Gold, MD Jeanne & Thomas M. Grist, MD	Anton N. Hasso, MD Hedvig Hricak, MD, PhD, DrHC & Alexander Margulis, MD, DSc, DrHC Michael & Beverly Huckman Joseph H. Introcaso, MD, DMD R. Gilbert Jost, MD Robert L. Kagan, MD & Bonnie Barnett Gregory C. Karnaze, MD, FACR & Pamela K. Powers Shirley & Herbert Y. Kressel, MD Anita I. Busquets & William A. Ladd, MD Peg & Paul A. Larson, MD Huong (Carisa) Le-Petros, MD David C. Levin, MD Drs. Vincent & Laura Mathews <i>In memory of William G. Bradley Jr., MD, PhD, FACR</i> Drs. Matthew & Patricia Mauro Linda & Thomas McCausland Theresa C. McCloud, MD Carolyn & Ken Meltzer	Robert J. Min, MD, MBA Carol & Richard L. Morin, PhD Martha M. Munden, MD & Reginald F. Munden, MD, DMD <i>In memory of our son, James (Jamie) Ryan Munden</i> Judy M. & William A. Murphy Jr., MD Penny Kereiakes Pomeranz & Stephen Jory Pomeranz, MD <i>In memory of James G. Kereiakes, PhD</i> Thomas Pope, MD & Jennifer Cranny, MD Vijay M. Rao, MD Sherry & Michael M. Raskin, MD, JD, MBA Anne C. Roberts, MD & John E. Arnold, MD Drs. Carol A. Diamond & Howard A. Rowley J. Keith Smith & Lisa L. Jones Dean A. Genth & Gary W. Swenson, MD Ingrid E. & Stephen R. Thomas, PhD Mary & Allen F. Turcke, MD Deborah & Patrick Turski Family Fund Wei Tse Yang
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Vanguard Campaign Intentions



GE Healthcare



Visionaries in Practice Campaign Intentions

Asheville Radiology Associates, P.A., Asheville, NC Austin Radiological Association, Austin, TX Inland Imaging, Professional Services, Spokane, WA	Mecklenburg Radiology Associates, Charlotte, NC Radiology Associates of South Florida, Miami, FL Radiology Consultants of Little Rock, P.A., Little Rock, AR Raleigh Radiology, Raleigh, NC	St. Paul Radiology Foundation, St. Paul, MN Strategic Radiology University Radiology Group, East Brunswick, NJ
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R&E Foundation Connections at RSNA 2017

The RSNA 2017 Scientific Assembly and Annual Meeting was called to order by **Richard L. Ehman, MD**, the first R&E grant recipient to serve as RSNA president. The week progressed with several notable and prestigious honors bestowed upon many past R&E grant recipients.

During a variety of sessions during RSNA 2017, many R&E grant recipients shared their knowledge, including 2016 GE Healthcare/RSNA Education Scholar Grant Recipient **Marc H. Willis, DO**, who presented “Integrating Simulated Clinical Decision Support at the Point-of-Order into Physician Assistants Students’ Radiology Curriculum” during the newly minted, extremely popular “Fast Five” session. 2003 Toshiba Medical Systems/Research Seed Grant Recipient **Katarzyna J. Macura, MD, PhD**, spoke on “Encouraging Women Medical Students in Radiology,” while three grant recipients, **Thomas A. Hope, MD**, **Chadwick L. Wright, MD, PhD**, and **Katherine A. Zukotynski, MD**, pooled their expertise and joined forces to present the interactive session “Case-based Review of Nuclear Medicine: PET/CT



2017 Fun Run participants on the move to support the Foundation

Workshop-New PET Radiotracers in the Clinic.”

An unseasonably warm Chicago morning provided a stunning backdrop for the 2017 5k Fun Run participants, who raced alongside the rising sun to support the future of our specialty. This year’s run, sponsored by Konica

Minolta Healthcare, raised over \$30,000 for the Foundation.

Back inside McCormick Place, two-time R&E Foundation Grant Recipient **Stephen Chan, MD**, led an insightful conversation among R&E grant recipients who are pursuing various applications of machine learning in radiology. The



R&E Board of Trustees Member, Carolyn C. Meltzer, MD, shares why she gives to the Foundation



Stephen Chan, MD, Andreas M. Rauschecker, MD, PhD, Brian S. Letzen, MD, Albert Hsiao, MD, PhD, (Scientific Advisor to 2017 Research Medical Student Grant Recipient, Justin Sun), and Manisha Bahl, MD, MPH participating on a Discovery Theater panel on R&E funded machine learning grants

103rd Scientific Assembly and Annual Meeting



Explore



Invent



Transform



2017 Research Scholar Grant Recipients with 2017 Grant Program Committee Chair, Umar Mahmood, MD, PhD (back row, center)

grant recipients discussed why they chose their specific projects and why R&E was the right funding partner for their research.

The R&E booth and Donor Suite was a terrific spot to relax, recharge and take a few photos. Many booth visitors participated in the fun and interactive

photo display by snapping a picture and sharing their stories of “Why I Give,” while grant recipients posed with their award photos displayed in the booth’s “Blade Garden.”

At the annual grant and awards luncheon, 2017 grant recipients received their awards and networked with other



2017 Education Scholar Grant Recipient, Monica M. Sheth, MD

recipients during this collegial afternoon event.

Thank you to all of the donors and grant recipients who participated in R&E activities during RSNA 2017. It was great to see you and we can’t wait to do it again in 2018!



William G. Bradley Jr., MD, PhD

Farewell to a Friend

Last November, the R&E Foundation lost a true friend with the passing of William G. Bradley Jr., MD, PhD.

Dr. Bradley was known for his exuberant personality as well as his solid body of work as a clinician, researcher and leader. As chair of the Department of Radiology at University of California, San Diego, from 2002 to 2015, he is credited with building a formidable research program and serving as a mentor to countless individuals.

Highly recognized for his many contributions, particularly to MRI research and practice, Dr. Bradley was awarded the gold medals of the RSNA, ACR, ISMRM, ARRS and AUR. He was also awarded honorary membership by ISMRM.

In addition to his immense career contributions to radiology and the science of MRI, Dr. Bradley was a fervent leader in

organized radiology. During the course of his career, he volunteered his time and expertise to several professional societies and dedicated many of his efforts to fundraising for the R&E Foundation.

Dr. Bradley served as a member of the Board of Trustees and chairman of the Fund Development Committee. He was responsible for building and guiding many of the Foundation’s greatest fundraising programs; most recently, he co-chaired the Foundation’s Inspire-Innovate-Invest Campaign, working tirelessly in support of the five-year fundraising effort. When Dr. Bradley believed in something, he supported it fully and his enthusiasm was contagious.

Dr. Bradley and his wife, Rosalind B. Dietrich, MBChB, are recognized for their generosity to the Foundation as Gold Centennial Pathfinders, Ruby Visionary Donors, Silver Anniversary Pacesetters, Presidents Circle Donors and Silver Legacy Donors.

Dr. Bradley, your impact on the Foundation was immeasurable. You will truly be missed by all.

Thanking so Many for so Much

R&E Foundation donors gathered at RSNA 2017 to celebrate the success of *Inspire-Innovate-Invest: The Campaign for Funding Radiology's Future*®. As the Campaign approached its conclusion in December, R&E Board of Trustees Chairman N. Reed Dunnick, MD, thanked donors at the Distinguished Donor Reception for bringing the radiology community together in this important effort and applauded the momentum the Foundation has gained in funding radiology research and education.



Anne G. Osborn, MD, and Anne C. Roberts, MD



Robert H. Choplin, MD, Robert E. Campbell, MD, and Walter Robb, PhD



Richard L. Morin, PhD, Valerie P. Jackson, MD, and Milton J. "Mickey" Guiberteau, MD



Ben A. Aronovitz, MD, Brian D. Petersen, MD, and James P. Borgstede, MD



Board of Trustees Chair, N. Reed Dunnick, MD, thanked donors for their support during the Campaign



Thomas M. Grist, MD, William T. Thorwarth, MD, and Roderic I. Pettigrew, MD, PhD

Board of Trustees member, Thomas M. Grist, MD, led the Corporate Donor Reception in celebrating corporate support that has funded so many deserving grant recipients.



Board of Trustees member, Thomas M. Grist, MD, (far left) and R&E Corporate Giving Subcommittee Chair, Reginald F. Munden, MD, DMD, (far right) and representatives of the Foundation's Vanguard companies



INNOVATE



Foundation Announces New Education Grant Program

To address the education needs of the rapidly-changing world of radiology, the RSNA R&E Foundation's Board of Trustees spent the last several months developing a new education grant program—a program that will facilitate the development and delivery of new and innovative educational products for RSNA to share with its members. The overarching goal of the program is to enhance education for the benefit of radiology faculty as educators and radiologists and radiology support personnel through the creation of educational content, educational products or other innovative means.

The education grant program will take a fresh approach to how the Foundation solicits applications and funds grants. With specific topics of

interest representing the current and future educational needs in radiology combined with the opportunity for large, multi-year, multi-institution grants of up to \$525,000, the resulting educational products will certainly have powerful, widespread and enduring impact.

The menu of education grants will also allow for projects with smaller budgets and timeframes, as well as those focusing specifically on international education.

- Education Innovation Grant
- Education Development Grant
- Derek Harwood-Nash International Education Scholar Grant

More details, including the specific topics of interest and requests for applications (RFAs), will be announced on *RSNA.org* in the spring.

The first of these new education grants will be awarded in 2019—this is truly an exciting time for the Foundation and radiology education!

Share Your Ideas!

As radiology evolves, so too does the need for effective education. Please share your ideas, thoughts and visions regarding the future of radiology education—from topics and areas in need of development to innovative ways to create and deliver—send your comments to Scott Walter, assistant director, grant administration, at 1-630-571-7816 or swalter@rsna.org.

Three Easy Ways to Give



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