



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®

Coming off of a record-setting year in which 94 grant recipients received \$3.6 million in funding, the RSNA Research & Education Foundation is turning its attention to its biggest challenge to date: Raising \$17.5 million for its Campaign—*Inspire-Innovate-Invest: The Campaign for Funding Radiology's Future®*

“The demand for radiology research has never been greater, but funding from major sources is dwindling from the radiology community. It’s up to radiologists and medical imaging businesses alike to bridge that gap,” said **James P. Borgstede, M.D.**, R&E Foundation Board of Trustees Chairman.

“It’s important we step back and take a look at our past. Think of all the innovation that has occurred during your career. What if these innovations were not done by radiologists? This is our future. We need to step up to the plate and contribute, which, in turn, incentivizes businesses as well.”

For many investigators, this future begins with a grant from the Foundation. On average, every dollar awarded by the Foundation results in more than \$40 in subsequent funding received as principal or co-investigator from other sources such as the National Institutes



James P. Borgstede, M.D.,
R&E Foundation Board of
Trustees Chairman

of Health (NIH). This return on investment translates to more than \$1.5 billion in research funding.

“To say you’re an R&E grant recipient, that’s notoriety right there,” said Dr. Borgstede. “But even if your project doesn’t get funded, it’s a great learning experience; the application is very similar to the NIH. Plus, throughout the year RSNA provides grant writing courses to help you along the way. The individualized attention and mentorship is invaluable.”

RSNA grant recipients inspire the next generation of leaders, often becoming mentors themselves. Many Foundation scholars have been named department of academic radiology chairs and program directors. These investigators and educators are pushing the forefronts of radiology, discovering breakthroughs that rapidly translate to clinical practice.

continued on next page



Inside this Issue:

Inspire-Innovate-Invest: The Campaign for Funding Radiology's Future®

Pages 1-5

Start Growing your Career - Apply for an R&E Grant

Page 6



continued from previous page

“We have no choice but to push the envelope and advance our specialty,” said Dr. Borgstede. “Others [funding sources] responsible in the past aren’t doing that as much anymore. But we shouldn’t look at that in a negative light. We should look at that as an opportunity.”

Dr. Borgstede encourages taking a moment to reflect on what radiology has given us: “It’s important to step back and reflect on how good radiology has been to us. We need to continue to nurture it and make contributions in order for it to grow.

Others did that for those of us practicing now, and we need to do it for our colleagues in the future. That is our responsibility.”

Fund the Future of Radiology

By giving to the Campaign, you are inspiring the promising researchers we fund and helping to ensure the future of the profession of radiology. Visit RSNA.org/Foundation to learn more.

INSPIRE

A grant awarded by the Foundation paves the pathway to increased funding and inspires young investigators and educators to pursue careers that will allow them to inspire the next generation.

Throughout its first 100 years, RSNA has continually inspired its members to provide the best possible care to their patients through medical imaging. In order to support that primary goal, RSNA—through its annual meeting, educational publications, and research support—has kept a particular focus on the intellectual advancement of our medical specialty.

The Foundation was inspired by the changing needs of the radiology community. Since 1984, the Foundation has awarded more than 1,100 grants—launching careers and pioneering research. The Foundation plays a very special role in this endeavor by providing financial support and guidance to radiology educators and investigators. It is that critical support that allows our specialty’s brightest to act on their inspired ideas and bring them to fruition.

“The R&E Foundation allows inspiration to become reality.”

**R. Nick Bryan, M.D., Ph.D., Campaign Co-Chair
Silver Centennial Pathfinder**

Many R&E grant recipients have gone on to become department chairs, program directors, and leaders in organized radiology. They are guiding the future of the specialty and developing tomorrow’s leaders.

Richard D. White, M.D., received a Research Seed Grant in 1989 and today he leads the Department of Radiology at The Ohio State University Wexner Medical Center. He currently serves as a member of the R&E Foundation Board of Trustees and continues to give back to the Foundation as a member of the Presidents Circle. Dr. White has committed \$50,000 to the Campaign as a Gold Centennial Pathfinder.

Carolyn C. Meltzer, M.D., was awarded an R&E Foundation Research Scholar Grant in 1996. Since then, she has received \$15 million in subsequent funding from the NIH, as a principal



James A. Brink, M.D., Radiologist-in-Chief, Massachusetts General Hospital, 1989 RSNA Research Fellow Grant Recipient, with Sarabjeet Singh, M.D., 2013 Derek Harwood-Nash/RSNA Education Scholar Grant Recipient

investigator researching neurological diseases. Today she is the Chair of Radiology at Emory University Hospital. As a member of the Foundation’s Radiology Research Study Section, she encourages and inspires future scholars by providing feedback and guidance on the applications she reviews. Dr. Meltzer generously supports the Foundation as a Presidents Circle Member and Bronze Visionary Donor.

Hundreds more leaders in the specialty got their start with a Foundation grant; and these grant recipients continue to fuel the future of radiology through their research and mentoring.



INNOVATE

R&E Foundation grants advance radiologic research and education across multiple subspecialties. Grant recipients are finding answers about disease processes, revolutionary treatment methods, and the most effective ways to deliver treatment to patients. They are also leading programs and teaching new techniques to future generations of clinicians, investigators, and educators.



David Fetzer, M.D., 2013 Silver Anniversary Campaign Pacesetters Research Fellow Grant Recipient

As a field of medicine that embraces high technology, radiology—and the radiologists who practice it—must be innovators. Innovation is the only way the field will advance, and it is one of the principal ways radiologists maintain the highest of level respect from medical colleagues, hospitals, payers, and policymakers.

Innovations by grantees have led to critical breakthroughs in patient care and provide practical knowledge that radiologists use in their daily practices.

“The R&E Foundation has an unparalleled track record of supporting and encouraging innovative young radiology researchers, and it is crucial that the radiology community support it. I hope everyone in the field will reflect upon the fact that by supporting the Foundation, they are fostering their own futures.”, said **David C. Levin, M.D.**, Campaign Co-Chair, and Silver Centennial Pathfinder.

Your investment in the Foundation spurs innovations like these:

Christine B. Chung, M.D., received an R&E Foundation Research Seed Grant in 2002 and a Research Scholar Grant in 2004. Since then she has published more than 100 peer-reviewed manuscripts in scientific journals and was awarded the President’s Medal of the International Skeletal Society for her excellence in research. Today Dr. Chung is a Professor of Radiology at the University of California, San Diego where she directs the Musculoskeletal Imaging Research Group.

“If we succeed early on, we are inspired to achieve and do more. Without the RSNA R&E Foundation as my springboard, I doubt I would have been able to develop into the physician scientist that I am today.”

Christine B. Chung, M.D.
2002 Philips Medical Systems/
RSNA Research Seed Grant Recipient
2004 GE Healthcare/
RSNA Research Scholar Grant Recipient

Mark A. Mintun, M.D., received his first grant, an R&E Foundation Research Scholar Grant, in 1988 to study functional brain mapping using PET technology. His research helped lay the groundwork for functional MR imaging, which is now common practice in neuroradiology. Dr. Mintun’s discoveries have also contributed significantly to the understanding of Alzheimer’s disease.

“The R&E Foundation has an unparalleled track record of supporting and encouraging innovative young radiology researchers, and it is crucial that the radiology community support it. I hope everyone in the field will reflect upon the fact that by supporting the Foundation, they are fostering their own futures.”

David C. Levin, M.D., Campaign Co-Chair
Silver Centennial Pathfinder



INVEST

The R&E Foundation awarded a record 94 grants totaling \$3.6 million in 2014. In the Foundation's 30-year history, it has supported 1,100 projects totaling \$44 million in grant funding.

Research keeps radiology strong, and the Foundation supports radiology research by seasoned investigators, and at the junior level to stimulate grant submissions to the NIH and other private funding agencies. It all begins with the R&E Foundation.

"Like all of us, I receive ample requests for philanthropic donations. I choose the R&E Foundation for my major donations because it has the most impact on our profession."

William G. Bradley Jr., M.D., Ph.D.
Campaign Co-Chair
Gold Centennial Pathfinder

The Foundation has seen a steady increase in grant applications, while funding from the NIH and other sources diminishes. These requests come from bright researchers and educators with promising projects, yet many of those projects go unfunded because of limited resources. We want to help ensure critical discoveries come to light.

It requires a commitment from the entire radiology community to guarantee research by radiologists continues to receive funding. With a return on investment of \$40 received in subsequent funding as principal and co-investigators for

every \$1 invested in the Foundation, there is no better way to fuel the pipeline of research and education. Radiologists can support the specialty with a campaign gift to the Foundation. Centennial Pathfinders have the vision to commit to a gift over five years, driving innovation and inspiring promising researchers.

Private practice groups can support that effort by making a commitment to the Campaign through a group donation. Groups donating through the Visionaries in Practice program recognize that R&E grants help develop new techniques and practical applications, ultimately improving the standard of patient care.

Corporations have the opportunity to endow research and education grants, ensuring the best and brightest continue to spark new innovations. The Vanguard program allows companies to fund projects that most closely align with their interests and goals.

Coming together to support the Inspire-Innovate-Invest Campaign, individuals, practice groups and corporations become a powerful community of investors in the future of radiology.

"We deeply value and appreciate the innovations and insights that have come from the work of the Foundation's grantees.

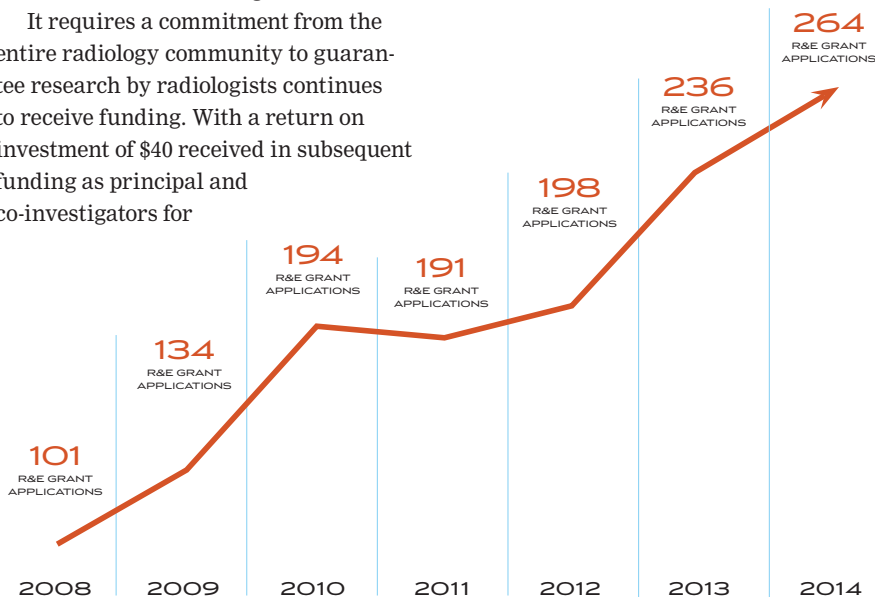
Their research translates to our practice where it enhances patient care, promotes safety and helps introduce new advanced technologies.

We believe that it is vital to assure that Radiology is at the forefront of imaging research, and we feel it is our duty to contribute to this critical Campaign."

Steven M. Schonfeld, M.D.
University Radiology Group
VIP Campaign Donor

"The RSNA Research and Education Foundation plays a critical role in supporting important research priorities that are vital to the advancement of Radiology and is an important avenue to support future leaders in the field. For those reasons, GE Healthcare is proud to continue our commitment to the R&E Foundation as part of the Inspire-Innovate-Invest Campaign."

Rob Reilly
Chief Marketing Officer, Americas
GE Healthcare
Corporate Campaign Donor



◀ Increasing demand for R&E Foundation grants demonstrates that these promising researchers and educators need us more than ever. Your Campaign investment helps ensure that we can meet these needs and fund grants for these deserving individuals.



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+)

Martin R. Prince, M.D., Ph.D.

Gold Centennial Pathfinders (\$50,000)

Rosalind B. Dietrich, M.D., F.A.C.R. & William G. Bradley Jr., M.D., Ph.D., F.A.C.R.

Anne G. Osborn, M.D.

Phan T. Huynh, M.D.

Barbara & Jerry P. Petasnick, M.D.

Valerie P. Jackson, M.D.

Richard D. White, M.D.

Anita I. Busquets & William A. Ladd, M.D.

Silver Centennial Pathfinders (\$25,000)

Teresita L. Angtuaco, M.D., F.A.C.R. & Edgardo J. Angtuaco, M.D., F.A.C.R.

Gregory C. Karnaze, M.D., F.A.C.R. & Pamela K. Powers

Patricia G. Becker, M.D. & Gary J. Becker, M.D.

Peg & Paul A. Larson, M.D.

Maysoon & Talal Beydoun, M.D.

David C. Levin, M.D.

Victoria & Michael N. Brant-Zawadzki, M.D.

Linda & Thomas N. McCausland

Nick & Jean Bryan

Theresa C. McLoud, M.D.

Barbara Carter, M.D.

Carol & Richard L. Morin, Ph.D.

Sarah S. Donaldson, M.D.

Sherry & Michael M. Raskin, M.D., J.D., M.B.A.

Margaret S. Houston, M.D. & Richard L. Ehman, M.D.

Anne C. Roberts, M.D. & John E. Arnold, M.D.

Anton N. Hasso, M.D.

Marilyn & Ronald B. Schilling, Ph.D.

Michael & Beverly Huckman

Ingrid E. & Stephen R. Thomas, Ph.D.

Margaret C. & R. Gilbert Jost, M.D.

Visionaries in Practice (VIP) Campaign Donors

Asheville Radiology
Associates
Asheville, NC

Mecklenburg
Radiology Associates
Charlotte, NC

Radiology Associates
of South Florida
Miami, FL

Raleigh Radiology
Raleigh, NC

St. Paul Radiology
Foundation
Minneapolis, MN

University Radiology
Group
East Brunswick, NJ

Corporate Campaign
Donors

AGFA 
HealthCare

GE Healthcare



HITACHI
Inspire the Next

HOLOGIC
The Science of Sure

 **Mallinckrodt**
Pharmaceuticals

SIEMENS

TOSHIBA
Leading Innovation >>>



Start Growing your Career—Apply for an R&E Grant

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

Education Grants – Deadline January 12

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

Research Grants – Deadline January 15

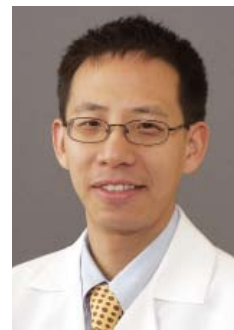
- Research Scholar Grant
- Research Seed Grant
- Research Resident/Fellow Grant

Medical Student Grant – Deadline February 2

Apply now:

RSNA.org/Grants_and_Awards

“This award has given me resources to pursue a project within one of the most exciting fields in MRI. The award also has given me positive exposure within my department, my hospital, my medical school, and at other major scientific and clinical meetings. The value of the grant program thus extends well beyond the monetary portion. I consider this award to be a major launching point as I transition from my residency and fellowship training into my new junior faculty position.”



Leo L. Tsai, M.D., Ph.D.,
MSc, Beth Israel
Deaconess Medical
Center, 2012 Bracco
Diagnostics/RSNA
Research Resident Grant

Support the R&E Foundation - Get Involved as a Study Section Grant Application Reviewer

The number of grant applications submitted to the Foundation continues to increase; this is great news for radiology, and a great opportunity for RSNA members to become reviewers on one of the Foundation's study sections. Serving as a grant reviewer has many advantages and gives you the ability to:

- Keep up with the latest research ideas
- Network with other scientists in your field
- Learn to think like a reviewer and improve your own grant application success
- Become a better mentor

Whether it's radiology research, radiation oncology research, or education, the Foundation needs your time and expertise to help the Board of Trustees select the best science.



Have a history of receiving external funding, or want to learn more about the grant review process?

Contact **Scott Walter**, Assistant Director, Grant Administration at swalter@rsna.org or 1-630-571-7816.



R&E Innovators Share their Knowledge at RSNA 2014

Did you know that over 300 grant recipients continue to support and lead our specialty by sharing their knowledge and participating in programming at this year's annual meeting? From session authors, presenters, and moderators, to scientific paper and poster presentations, the impact of grant recipients will be evident throughout McCormick Place.

Look for the familiar R&E Foundation logo  beside current and past grant recipients presenting at the annual meeting.



Be Inspired – Visit the R&E Foundation Booth at RSNA 2014

Stop at the Foundation Booth at RSNA 2014. Find inspiration in the stories of the 2014 grant recipients and their projects, and learn how you can join your colleagues in the Inspire-Innovate-Invest Campaign.

Speak to a member of the Foundation staff about investing in the future of radiology by supporting the Foundation. An annual gift of \$300 or more includes access to the Foundation Donor Lounge – a great spot to relax and rejuvenate during the annual meeting.

The Foundation booth will be located in RSNA Services, Lakeside Center Ballroom, Level 3.

Invest in the Specialty by Running for Research

Support the Foundation and challenge yourself by joining the 2014 5K Fun Run. The annual race follows the beautiful Lake Michigan shoreline. Whether you walk or run it is a great way to start your morning! The Fun Run will be held on Tuesday, December 2, at 6:30

a.m. Your \$40 registration fee is fully tax-deductible and benefits the 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.



A Century
of Transforming Medicine
100 RSNA 2014



Founding Practice Groups Mark Decade of Investing in 'R&D' Funding, Thank You Visionaries in Practice Donors

Medical imaging has changed a great deal in the past 10 years, but the need for radiology research and development funding has remained the same.

The Visionaries in Practice (VIP) Giving Program was established in 2005 to give private practice groups and academic institutions a way to support research and development funding through the R&E Foundation. Nearly 40 practice groups from all over the nation now participate in the program.

For six founding VIP donors, this year marks a giving milestone as their 10th straight year of support. A decade after their first contributions, these forward-thinking practice groups have donated a total of \$1.4 million to fund grants used to create the new techniques, tools, and treatments of tomorrow.

Thank you to the following VIP practice group donors for a decade of Funding Radiology's Future®—your investments are inspiring!

Learn more about VIP practice group giving by visiting RSNA.org/VIP

Or contact **Robert Leigh**, at rleigh@rsna.org or 1-630-590-7760.

Platinum VIP
(\$75,000 annually)



Austin Radiological
Association
Austin, TX

Silver VIP
(\$25,000 annually)



Catawba Radiological
Associates, Inc.
Hickory, NC

Bronze VIP (\$10,000 annually)



Radiology Associates, P.A.
Little Rock, AR



St. Paul Radiology Foundation
St. Paul, MN



Southeast Radiology, Ltd.
Upland, PA



University of Pennsylvania
Health System
Philadelphia, PA

INVEST

Three Easy Ways to Give



VISIT
RSNA.org/donate



CALL
1-800-381-6660



EMAIL
R&Efoundation@rsna.org