

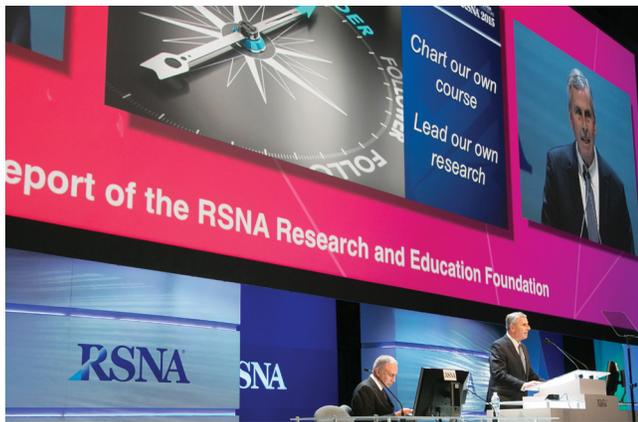


# Foundation FOCUS

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

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

## R&E Board Chairman Addresses Annual Meeting Attendees



Burton P. Drayer, M.D. delivers Report of the R&E Foundation at RSNA 2015.

In the annual report of the RSNA Research & Education Foundation at RSNA 2015, R&E Board of Trustees Chairman **Burton P. Drayer, M.D.** expressed his sincere appreciation to individuals, private practice donors, and corporate supporters of Inspire–Innovate–Invest: The Campaign for Funding Radiology's Future®. He underscored that support for the R&E Foundation is synonymous with supporting the future of radiology and invited the entire radiology community to join together to “own our future.”

Dr. Drayer emphasized the key role the Foundation plays in radiology by supporting inspiring investigators and educators and cultivating new leaders. He stressed the impor-

tance of radiologists at the center of medicine and the role of the radiologist as the leader of collaborative, multi-specialty research teams. He outlined current challenges facing radiologists, stating, “Under the stresses of healthcare reform, academic departments have changed; time allocated to academic radiologists for research is declining because traditional funding sources are dwindling and competition for those limited resources is increasing.” He added, “An R&E grant provides critical protected time and with that time, great disruptive technologies of the future will be seeded which will enhance the lives of our patients and colleagues and sustain the leadership position of our specialty.”

Dr. Drayer closed his remarks by stating, “A donation to the Foundation is an investment in the future of radiology,” noting, “Surveys show that for every dollar awarded, an R&E grant recipient receives an additional \$40 in future funding as a principal or co-investigator, which has translated to over \$1.8 billion in subsequent radiologic research funding.”

To learn how you can make an investment in the future of the specialty or for more information on the Inspire–Innovate–Invest Campaign, visit [RSNA.org/Campaign](http://RSNA.org/Campaign).



Inside this Issue:

**Donor Receptions – A Great Way to Thank Supporters**

Page 2-3

**Grant Recipients Pursuing Innovative Projects**

Page 6

**Meet the New Grant Program Committee Chair**

Page 7

**VIP Program Welcomes Washington Practice Group**

Page 8

# Donors Connect and Celebrate at RSNA 2015



Several Inspire-Innovate-Invest Campaign Centennial Pathfinders gathered at the Distinguished Donor Reception during RSNA 2015.

R&E Foundation donors took time out of their 2015 meeting experience to celebrate the momentum of the Inspire-Innovate-Invest Campaign. At receptions honoring individual, academic and practice group donors, and corporate supporters, R&E Board Chairman Burton P. Drayer, M.D. thanked so many for their commitment to funding radiology's future.

During the annual Distinguished Donor Reception held at Chicago's Union League Club, supporters had the opportunity to reconnect with old friends and meet new colleagues who share their enthusiasm for the mission of the R&E Foundation.



Visionary in Practice (VIP) Donors from University Radiology Group in New Brunswick, New Jersey. Pictured left to right, Levi Sokol, M.D.; Robert Epstein, M.D.; Karen Salmieri, M.D.; Steven M. Schonfeld, M.D., F.A.C.R.; Irwin Keller, M.D., and Murray Becker, M.D., Ph.D.

The commitment continues. View full list of Centennial Pathfinders at [RSNA.org/Campaign](http://RSNA.org/Campaign).



Michael J. Sullivan, M.D.; Anne C. Roberts, M.D.; Karen Sullivan, and Thomas S. Pope, M.D.



Katarzyna J. Macura, M.D., Ph.D.; Charles Kahn Jr., M.D., and Vijay M. Rao, M.D.



Dean A. Genth and Gary Swensen, M.D. enjoy the Distinguished Donor Reception.



Beverly Huckman, Michael S. Huckman, M.D., and Lilian F. Leong, M.D.

*“Innovation is the key to our future. The R&E Foundation plays an important role in advancing innovation by supporting investigators and educators who will lead our specialty forward. The Foundation would not be able to fulfill this role without the support of our donors.”*

**Burton P. Drayer, M.D.,  
R&E Foundation Board Chairman**

## Corporate Donor Reception



Representatives from the Vanguard Donor Program came together to celebrate the impact of their support at the Corporate Donor Reception with R&E Foundation Board Chairman Burton P. Drayer, M.D. (center).

# Fun Run Raises over \$28,000 for R&E Grant Funding

More than 475 runners laced up their shoes for a brisk early morning 5k race along Chicago's lakefront during RSNA 2015. The fourth annual Fun Run attracted individual and corporate team participants from around the world for a great workout and to support R&E funded research. Thank you to all of the runners, walkers and donors who contributed over \$28,000 to make the 2015 RSNA Fun Run a terrific success.



Team Siemens is race ready.



2015 Female Medalists (left to right) – Gold Medalist: Maria Del Socorro Rosas Ruiz, M.D., Mexico (19:49); Silver Medalist: Lisa Ewing, U.S. (21:19); Bronze Medalist: Elodie Lechartre, France (22:23).



2015 Male Medalists (left to right) – Gold Medalist: Manuel Salvador Jr., M.D., Ph.D., Spain (16:36); Silver Medalist: Anthony Michelot, M.D., France (17:19); Bronze Medalist: Romain Labas, France (17:34).

## R&E Booth and Lounge Attract Many

Each year, hundreds of R&E donors, meeting attendees and grant recipients visit the R&E Foundation booth and donor lounge. The R&E booth showcases R&E grant recipients and recognizes the donors who make R&E grant funding possible. With comfortable seating, open meeting space and light refreshments

throughout the day, the R&E donor lounge provides a welcome respite for Foundation supporters. The Foundation is grateful for the opportunity to highlight the investment made by our donors and recognize the innovative projects pursued by R&E grant recipients during each annual meeting.



# Philips Recognizes R&E Grant Recipients at RSNA

During RSNA 2015, Philips inventively celebrated the 110 past and current recipients of Philips Healthcare/RSNA R&E Foundation grants. In addition to a press release designed to spotlight the accomplishments of four grant recipients, Philips disseminated custom content via social media during the meeting, YouTube interviews featuring 2014 Philips Healthcare/RSNA Research Medical Student Grant recipient **Samantha Delapena, B.S.** and 2015 Philips

*Thank You!*  
**PHILIPS**

Healthcare/RSNA Research Resident Grant recipient **Atul Mallik, M.D., Ph.D.** were produced from the RSNA show floor. They tweeted out via @PhilipsLiveFrom, making quite

an impression for the Foundation and Philips as social media influencers during the meeting in Chicago. Current and past grant recipients are pursuing projects in cardiovascular disease, cancer research, dementia, pain management and more.

Since 1991, Philips Healthcare has committed \$2.7 million to the R&E Foundation. Thank you Philips Healthcare for

sharing stories of these inspiring investigators across so many platforms at RSNA 2015, and for your enduring support of the Foundation.



Adrienne Smith, Philips Healthcare director of communications and public relations, diagnostic imaging, and 2014 Philips Healthcare/RSNA Research Medical Student Grant recipient Samantha Delapena, B.S., prepare for @PhilipsLiveFrom segment at RSNA 2015.

## Past Trustees Hricak, Gazelle Honored at RSNA 2015

Warmest congratulations to past RSNA President and past R&E Board of Trustees member **Hedvig Hricak M.D., Ph.D., Dr. h.c.** and past R&E Board member **G. Scott Gazelle, M.D., M.P.H., Ph.D.**, who were honored during the RSNA 2015 Scientific Assembly and Annual Meeting in Chicago.

Dr. Hricak was presented with the RSNA Gold Medal, the society's highest honor. It is awarded annually by the Board of Directors to persons who have rendered unusual service to the science of radiology—a very fitting tribute for Dr. Hricak, indeed!

Dr. Hricak and her husband **Alexander Margulis, M.D., D.Sc., Dr. h.c.** generously support



Hedvig Hricak M.D., Ph.D., Dr. h.c.



G. Scott Gazelle, M.D., M.P.H., Ph.D.

the Foundation as Centennial Pathfinders and Platinum Visionary Donors.

Dr. Gazelle received the RSNA Outstanding Researcher Award for his contributions to radiology research. Dr. Gazelle has received 38 grants from institutions including

the National Institutes of Health and the American Cancer Society. He is one of the most pioneering and influential researchers in radiofrequency ablation.

Dr. Gazelle supports the future of research and the Foundation as a Gold Visionary Donor.

Both Dr. Gazelle and Dr. Hricak are committed to the future of radiology and have served as scientific advisors and mentors to several R&E grant recipients.

Thank you Dr. Gazelle and Dr. Hricak for the incredible roles you have played in shaping the future of the specialty.



# 2015 Grant Project Already Starting to “RISE”

With her 2015 GE HealthCare/RSNA Education Scholar Grant, **Bhavya Rehani, M.D.** launched a web-based teaching tool ([www.risemed.org](http://www.risemed.org)) which can be utilized by radiology residents in developing countries.

Radiology International Student Education (RISE) is a web-based educational program which provides virtual classroom remote access with interactive hands-on training for international radiology residents and faculty during real-time radiology lectures in the U.S.

This past fall, neuroradiology lectures from the University of California, San Francisco, were presented to radiology residents at the University of Nairobi, Kenya. The aim is to expand to other sites globally after this pilot project.



Bhavya Rehani, M.D.

As the project grows, the RISE platform will maintain a fully indexed and searchable collection of class recordings for future reference and sustainability of the program. This feature not only gives RISE trainees access to live lectures at academic institutions, but also the ability to access recorded lectures for self-paced learning.

Efficacy of the program is evaluated through attendance reporting, website usage analytics, online reviews, and resident feedback evaluations.

“RISE is inspired by the unmet needs in radiology education worldwide. The entire continent of Africa is in need of improved neuroradiology and other subspecialty training, thus trainees have to travel outside Africa to train further — this led me to develop the RISE platform,” Dr. Rehani said.



Screenshot of “RISE” virtual students in Nairobi, Kenya.

Dr. Rehani and her team are currently looking for both interested instructors and students to participate in this innovative virtual program. For additional information, visit [www.risemed.org](http://www.risemed.org) or contact Dr. Rehani at [bhava.rehani@ucsf.edu](mailto:bhava.rehani@ucsf.edu).

## R&E Grant Recipient is First Radiologist to Receive NIH Director’s Early Independence Award

**Terence Gade, M.D., Ph.D.**, a 2012 Cook Medical Cesare Gianturco/RSNA Research Resident Grant recipient, was recently awarded the NIH Director’s Early Independence Award. The award is a mechanism for exceptional early career scientists to move rapidly into independent research positions at U.S. institutions by essentially omitting the traditional post-doctoral training period.

Dr. Gade, now assistant professor of radiology at the Hospital of the University of Pennsylvania, will receive \$2 million over the next five years to further his initial R&E-funded research on the use of Hyperpolarized Carbon-13 Nuclear MR Spectroscopy as a novel imaging technology to detect latent cancer cells that survive severe metabolic stress caused by current treatments.



Terence Gade, M.D., Ph.D.

Dr. Gade is the first radiologist to receive this award and credits the R&E Foundation for providing the much needed financial support that permitted him to carry out his initial research.

“This is the first time a radiologist has received this award and I think it demonstrates the progress we are making in radiology research, in large part due to pilot funding mechanisms like the RSNA R&E Research Resident Grant,” Dr. Gade said. “I want to express my appreciation for the support of the Foundation and all those who make these grants possible.”



NIH DIRECTOR'S  
EARLY  
INDEPENDENCE  
AWARD



# Volunteer Profile: Meet Umar Mahmood, M.D., Ph.D., Grant Program Committee Chairman

When the R&E Foundation Grant Program Committee meets this spring, 2000 RSNA Research Resident Grant recipient **Umar Mahmood, M.D., Ph.D.**, will take on the position of committee chair. Dr. Mahmood received his first award for the project, “Multiple Wavelength Optical Imaging for Simultaneous in vivo Imaging of Two Different Enzyme Activities,” nearly 16 years ago.



Umar Mahmood, M.D., Ph.D., (center) with 2015 Scholar Grant recipients at RSNA 2015.

## *What attracted you to chairmanship of the R&E Grant Program Committee?*

**Dr. Mahmood:** If you look at the history of radiology, you clearly see that our field is defined by our collective innovation. Innovation is more important in radiology than most other medical specialties. The R&E Foundation, through grant funding, is the multiplier that allows innovation to grow and keep radiology vibrant. The Foundation provides initial funding for so many radiologists who go on to receive NIH and other grants, and who continue to make advancements for decades after their R&E funding period ends. We collectively benefit throughout our careers by the work that these grant recipients have accomplished in bringing new ideas into practice. It's a pleasure to have the opportunity to see that tremendous creative energy up close and help provide a framework to guide the effort and ensure that it collectively continues the innovative arc of our specialty.

## *Share a bit about your R&E research journey coming full circle from grant recipient to Grant Program Committee chair and how you feel those experiences will benefit you in your new role.*

**Dr. Mahmood:** The first grant I received as principal investigator was the RSNA R&E Research Resident Grant in 2000. Receiving the grant validated my research endeavors, but much more importantly, the process of submitting the grant provided invaluable experience in grant writing. It was a vital transition in mindset from researcher to principal investigator.

Over the years I have been fortunate to work with—and supervise—some really bright, creative, hardworking people who have received seed, fellow, resident, and medical student grants. I have seen not only the tremendous pride and confidence they gain with the successful applications, but also how the RSNA R&E grants they received directly enhanced their career trajectory at various stages.

I think these experiences make me a strong advocate for the applicants and an enabler of their longer term success.

## *What advice would you share with young people about pursuing a career in research?*

**Dr. Mahmood:** Give it a try! It can be fun, exciting, creative, and fulfilling. Research provides intellectual stimulation and part of what makes it fun is that you can discover something that hasn't been seen before. Surround yourself with good advisors and mentors, develop a strong research team, and start exploring.

## *Why do you believe it is important to be involved in RSNA?*

**Dr. Mahmood:** As radiologists, we benefit from our collective contributions to the field. As with any puzzle, many different pieces must be connected to achieve the desired outcome. Throughout my career, I have always found RSNA to be encouraging and supportive. With its multi-faceted approach to advancing the specialty, RSNA provides many ways to find your own puzzle piece and use it to help complete or even define radiology's greater picture.



## \$50,000 Gold Level Donation from Washington Practice Highlights Record Year for Practice Group Giving

In 2015, practice groups from coast to coast supported the future of the specialty with a Visionaries in Practice (VIP) Giving Program record of \$550,000 in donations. The generosity of Spokane, Washington-based Inland Imaging, a division of Integra Imaging, P.S., set the generous tone as the first practice group to donate at the \$50,000 Gold Level.

“I have personally supported the R&E Foundation for many years,” said **Brian Petersen, M.D.**, a musculoskeletal radiologist with Inland Imaging. “When I brought up the idea of making a substantial group gift to my partners, I was very gratified by their positive response.



The Foundation’s radiology-specific grants focus on the kinds of advancements in technology, technique, and practice that define the future of our specialty and affect the way in which our field will evolve in years to come.”

**Jayson Brower, M.D.**, the company’s president, said, “I’m very pleased that Inland Imaging recognizes the importance of the RSNA R&E Foundation’s support of groundbreaking research in the field of radiology. We’re happy to be part of that commitment and we very much look forward to seeing the fruits of those efforts as they improve and advance our profession moving forward.”

Inland Imaging, a division of Integra Imaging, P.S. is a recognized leader in diagnostic medical imaging services.

  
**Inland Imaging**<sup>®</sup>  
A DIVISION OF INTEGRA IMAGING, PS

The company has provided professional radiology services in the Northwest since 1930. Its 60 subspecialized radiologists read and evaluate more than 800,000 medical imaging studies per year.

Join a growing number of practice group supporters by making a group donation through the Visionaries in Practice (VIP) Program. Put the VIP Program on your next practice group meeting agenda.

Contact Robert Leigh at [rleigh@rsna.org](mailto:rleigh@rsna.org) or 1-630-590-7760 for more information.

### Three Easy Ways to Give



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