

## Grant Funding Tops \$2.9 Million – Record High!

The R&E Foundation will fund 80 innovative projects this year, totaling \$2.9 million—a new annual funding record.

This year’s recipients represent a wide range of subspecialties from 47 institutions, including three international recipients from China, Chile and Spain.

Thanks to the contributions from our individual, private practice and academic group donors, and our corporate friends, the R&E Foundation was able to fund more than 30% of the applications received this cycle—a success rate far above that of the National Institutes of Health (NIH). See [RSNA.org/Foundation](http://RSNA.org/Foundation) for a complete listing of the projects your donations are funding.

*continued on next page*



*“On behalf of the R&E Board of Trustees, I would like to thank all of our generous contributors who have made this*

*year’s record-high funding possible.*

*The projects undertaken by our awardees will benefit our specialty and will undoubtedly make a significant difference in the lives and health of the patients we serve.”*

**Theresa C. McLoud, M.D.,**  
Chair,  
RSNA Research & Education Foundation  
Board of Trustees

### MEET THE NEXT GENERATION OF RADIOLOGY ALL-STARS



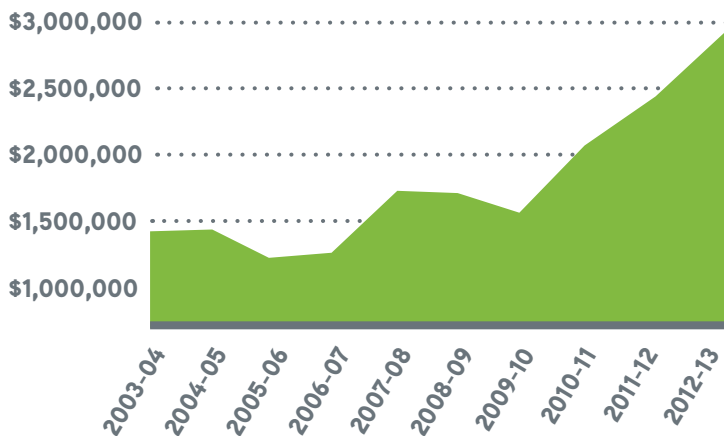
*“The central hypothesis of my research is that variations in choline-containing metabolites will distinguish between benign and malignant tissue, leading to increased specificity of clinical breast MRI.”*

**Mary Mahoney, M.D.**  
University of Cincinnati  
Research Seed Grant

## LOOK INSIDE FOR

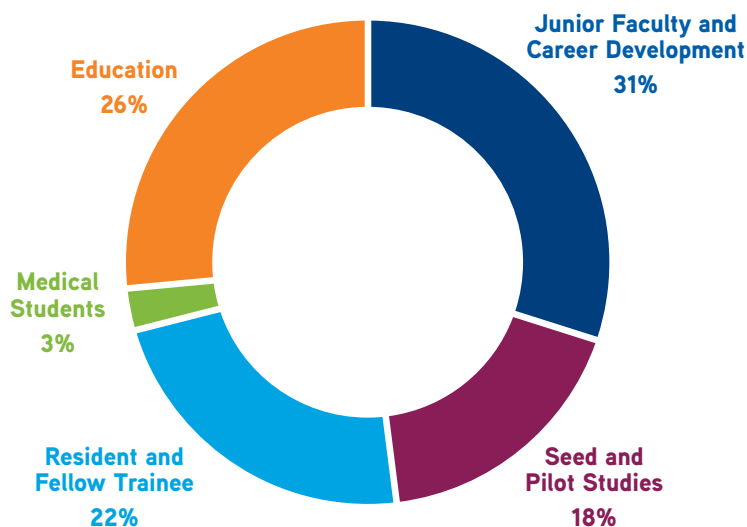
- A young patient says “Thank you!”
- Financial seminar at RSNA 2012
- First R01 grant marks a milestone

## R&E Grant Dollars Awarded



The Foundation awarded a record-setting \$2.9 million in grants this year.

## Percent of Dollars Awarded by Grant Type



RSNA grants impact investigators during all phases of their careers

With your donations, R&E funds grant awards in radiology that result in a \$30:1 ROI from NIH and others...and create the clinical practice of tomorrow.

**\$30:1**

## 2012 GRANT RECIPIENTS



*"The RSNA grant is a milestone of my research career—the project aims to characterize structural and functional brain connectivity patterns in children with benign childhood epilepsy with centrotemporal spikes (BECTS)."*

**Hongwu Zeng, M.D.**  
Shenzhen Children's Hospital (China)  
University of Wisconsin-Madison  
Research Seed Grant



*"The RSNA grant will certainly allow me to develop new competencies in research techniques and methods, and acquire additional skill sets that are crucial for advancing my abilities and qualifications as a physician-scientist."*

**Bashir Akhavan Tafti, M.D.**  
University of California, Los Angeles  
Research Resident Grant

# Donor Profile

## Autism Research Leads to Life-Saving Brain Tumor Diagnosis

It's a rare occasion when a radiologist receives a thank you card from a grateful patient. Now imagine getting a hand-drawn card from a 3-year-old child exclaiming, "You Rock!" Upon hearing the heartwarming story of little **Raymond K.** and the diagnosis and removal of his tumor, R&E Foundation staff asked **John R. Hesselink, M.D.** to share his experience with fellow donors.

The Autism Center of Excellence (ACE) at University of California San Diego is dedicated to discovering the causes of autism and paving the way for more effective autism treatment. A local family volunteered their 1- and 3- year-old children to participate in autism research. As neuro-radiologist for the center, I review all the MR scans done on the children to look for structural abnormalities and to detect any incidental lesions that might be of clinical significance. Upon reviewing the MRI of the 3-year-old child, I noticed a 1 cm lesion on the superior vermis of the cerebellum. I gave the differential of a mixed neuronal-glia lesion or a low-grade astrocytoma, and I recommended a clinical MR scan and consultation with a neurosurgeon. The lesion

was removed and pathology revealed a pilocytic astrocytoma. The child is neurologically normal and likely will require no further treatment. Although low-grade malignancies, by the time of presentation these tumors are often large and infiltrate normal cerebellum, making complete resection difficult and hazardous.

Two months later, I received a call from the ACE center informing me that they had received a card and some pictures for me from the family.



*Raymond is now perfectly healthy thanks to his parents' decision to participate in a research trial for autism and the talented eyes of John R. Hesselink, M.D.*

Dr. Hesselink is a professor of radiology and neuroscience, Chief of Neuroradiology, and Vice Chair of Radiology at University of California San Diego. He has authored more than 150 peer-reviewed publications, 27 chapters, and 2 books, and has been co-investigator on more than 35 NIH grants.



If you have a patient story that you would like to share, please contact Deborah Harp, Assistant Director, Fund Development at 630-590-7773 or [dharp@rsna.org](mailto:dharp@rsna.org).

# Suburban Chicago Leads the Way with VIP Support

Private practices often tell us that they donate to charities making the biggest difference for their practice and the communities they serve. The R&E Foundation is proud to fill this need for practices from all over the nation who make group contributions through the Visionaries in Practice (VIP) Giving Program each year.

*“Our practice understands that medical imaging services are essential to optimal patient diagnosis and care.”*

A VIP Practice supporter at the \$10,000 Bronze level, **McHenry Radiologists & Imaging Associates (MRIA)**, has given to the Foundation for two consecutive years. Located in suburban Chicago, MRIA makes group contributions to the Foundation because they believe in supporting the careers of young investigators who will become

the future of the field and whose work leads to medical breakthroughs that benefit their patients.

“Our practice understands that medical imaging services are essential to optimal patient diagnosis and care,” said **John J. Guido, M.D.**, a partner at MRIA. “We believe that advancements in our specialty are made through research and education by our academic colleagues, and our group of private practice radiologists strongly supports such endeavors.”

MRIA is a group of 17 radiologists who practice throughout the suburban Chicago area in McHenry, Woodstock, Crystal Lake, and Huntley. MRIA is committed to providing quality, reliable and innovative diagnostic imaging and therapeutic services as well as radiologic leadership to the communities they serve.



Practices from all over the country have come together in support of grant funding because they know their donations make a difference. With a \$30:1 return on investment, VIP Practices like MRIA understand their philanthropic dollars will yield even bigger results in the future. For every \$1 awarded by the Foundation, grant recipients go on to receive \$30 in additional funding from sources including the NIH.

On top of an impressive ROI, group contributions support research in a variety of areas that directly impact clinical practice: Breast/Mammography, Diagnostic Radiology, Neuroradiology, Cardiac Radiology, Quality Improvement, and many more.

The R&E Foundation is proud to partner with MRIA and participating VIP Practices. Thank you for making a difference!

*Are you part of a private practice that wants to maintain radiology's leadership in medicine? The medical breakthroughs of tomorrow will come from the young minds starting research careers today, and your donations make grant funding possible. For more information on donating through the Visionaries in Practice program, please contact Robert Leigh, Manager, Fund Development, at 630-590-7760 or rleigh@rsna.org.*



## MAKE AN IMPACT YOUR GIFT CAN LEAD TO BIG RESULTS

For every \$1 the R&E Foundation provides in grants, recipients go on to receive over \$30 in additional funding for projects that advance the field of radiology.



To make a gift, visit [RSNA.org/donate](https://www.rsna.org/donate) or call 1-630-590-7760.



# Paying it Forward

A Resident Grantee says “Thank You” by Donating to Help Others



*First a grant recipient, now a donor, Xiang Li, Ph.D., is helping to push the specialty forward.*

**Xiang Li, Ph.D.**, the 2011 Presidents Circle Research Resident Grantee, is not only conducting research to move the specialty forward, but she is also a donor, helping to fund grants to other young investigators.

“Landing the RSNA Research Resident Grant was a significant milestone in my career. The R&E grant has allowed me to continue my research in patient-specific radiation dosimetry. I am currently using the preliminary data I generated with the R&E grant to apply for NIH funding. I wish to express my

sincere appreciation for your generous donations, which have made it possible for me to conduct this important research.

Individual donations together with corporate donations help keep the Foundation strong, healthy, and capable of providing more future funding to support continued research and innovation. I hope my donation, while small, will help other early-stage RSNA members come closer to their goals.”

## Top Residents and Fellows Recognized



*163 trainees were presented with the RSNA Roentgen Resident/Fellow Research Award to recognize their outstanding contributions to research.*

The RSNA Roentgen Resident/Fellow Research Award was an exciting component of trainee graduation celebrations throughout North America as program directors in 163 departments of radiology, radiation oncology and nuclear medicine announced their selections for the 2012 recipients.

The Roentgen Resident/Fellow Research Award recognizes residents and fellows who have made significant contributions to research during the past academic year as evidenced by presentations of scientific papers at regional or national meetings, publication of scientific papers in peer-reviewed journals, receipt of a research grant or other contributions to the success of a research program within the department.

The 2012 award recipients can be found at [http://www.rsna.org/Roentgen\\_Research\\_Award.aspx](http://www.rsna.org/Roentgen_Research_Award.aspx).

# You can Leave a Legacy



No matter what age you are, deciding how you and your family will distribute your assets after you are gone is a heartfelt decision. For some donors, including

RSNA as a beneficiary in their estate plans is an appropriate way to honor their lifelong profession and ensure the specialty continues to grow and succeed. If you have already included RSNA in your will or estate plans, please let us know so we may recognize your future gift appropriately. If you would like more information on the subject, visit [RSNA.org/PlannedGiving](http://RSNA.org/PlannedGiving) or contact Karena Galvin, Director, R&E Foundation at 630-590-7742 or [kgalvin@rsna.org](mailto:kgalvin@rsna.org).

*"We give to the RSNA R&E Foundation to encourage research and **inspire innovation** in radiology and, at the same time, help ensure the continuing practice of radiology in the future."*

**Sherry & Michael M. Raskin, M.D., M.P.H., J.D., M.B.A**  
RSNA Presidents Circle, Platinum Visionary,  
and Platinum Legacy donors



*"The RSNA R&E Foundation plays a critical role in supporting young investigators entering the research pathway. It is essential that **radiology maintains its competitive edge** with respect to innovative research for the advancement of radiologic technology and techniques. The RSNA R&E Foundation, through its mission, helps to ensure this outcome. It is with enthusiasm that we support this effort by our contributions to the Foundation."*



**Ingrid & Stephen R. Thomas, Ph.D.**  
RSNA Presidents Circle, Platinum Visionary,  
and Platinum Legacy donors

## Money Matters

### Planned Giving Website — Rich with Resources

When it comes to supporting RSNA and the R&E Foundation's research and education grants, there are many giving options to choose from. How do you know which method of support is right for you? To find a charitable gift that best meets your family's needs and supports our grant programs for years to come, you need a plan. We have provided you with tools and resources on our web site [RSNA.org/PlannedGiving](http://RSNA.org/PlannedGiving) to help.

- ▶ Download **FREE** ebrochures on popular planned giving and estate planning topics
- ▶ Calculate your tax benefits using the gift annuity calculator
- ▶ Learn about "Ways to Give" and "What to Give"
- ▶ Explore the best charitable gift options based on your age



# Plan for Your Financial Future

## Learn How Changing Tax Laws Impact You and Your Family

Take advantage of an opportunity to participate in the seminar, “**Estate Planning for the Changing Tax Environment,**” presented at RSNA 2012 by an expert from TIAA-CREF.

The seminar will address issues in the financial and tax planning arena including:

- ▶ Retirement Needs Analysis
- ▶ Roth Conversions
- ▶ Estate Planning Basics
- ▶ Sophisticated Planning Strategies
- ▶ Non-Tax Related Planning
- ▶ Charitable Planning

In addition to comprehensive discussion outlined above, the session



will include many opportunities for Q&A. Reserve your seat by registering along with your RSNA 2012 courses—search for course SPEP2L.

For more information, please see the description in the course enrollment brochure and register online at **[RSNA.org/register](http://RSNA.org/register)**.

*There are a limited number of complimentary private appointments available with our estate planning expert during RSNA 2012. Take advantage of this chance to ask questions or review your own plans one-on-one with an expert. All inquiries will remain confidential and there are no obligations. Please contact Karena Galvin at 630-590-7742 to reserve your appointment time today.*

## Support R&E at the “Patients First” 5k Fun Run



Join your colleagues for the first-ever RSNA Fun Run to benefit the R&E Foundation. On Tuesday, November 27, RSNA meeting attendees will enjoy Chicago’s beautiful Lake Michigan shore while helping to fuel research for better patient care. Sign up as a runner or walker during registration for RSNA 2012, or



add it during your course registration process. Don’t want to run? Participate with a donation instead. Every tax-deductible \$30 registration will benefit the R&E Foundation, and participants will receive a commemorative t-shirt.

# Congratulations! R&E Grantee Receives First R01 Grant

## \$1 Million NCI Award Enables Research on Digital Breast Tomosynthesis

Two-time R&E grant recipient, **Despina Kontos, Ph.D.**, is proof that seed funding, a strong support network, and hard work can pay off big with NIH success.

### Then:

- ▶ 2006 Agfa Corporation/RSNA Research Fellowship in Basic Radiologic Sciences
- ▶ 2007 Siemens Medical Solutions/RSNA Research Fellow Grant
- ▶ 2010 RSNA Clinical Trials Methodology Workshop

### Now:

- ▶ 2012-2016 NIH R01 Grant Totaling \$1,052,440  
*"Effect of Breast Density on Screening Recall with Digital Breast Tomosynthesis"*

Dr. Kontos will compare the effect of breast density and overall breast parenchymal complexity on the recall decision in breast cancer screening with digital mammography versus digital breast tomosynthesis (DBT). In addition, she proposes development of a breast complexity index that could be used as an imaging marker to identify women that can benefit most from DBT screening.

The R&E Foundation thanks **Agfa HealthCare** and **Siemens Healthcare** for their support of the critical seed grants and preliminary data that led to this successful NIH project.



*Despina Kontos, Ph.D.*

*"I am really thrilled, as this is my first R01 and signifies a major milestone for my research and career development. I am very grateful for the support of the RSNA, as it has been instrumental in achieving this goal, both in terms of allowing me to generate preliminary data through my early RSNA Research Fellow grants, and also with the RSNA Clinical Trial Methodology Workshop, during which I developed the protocol for this R01 submission."*