The RSNA Research & Education Foundation funded 79 grant projects totaling $2.9 million, the highest in the Foundation’s history. The Foundation’s Board of Trustees thanks the Vanguard companies, individuals and private practices whose generous contributions have made the following grants possible. Learn more about grant opportunities at RSNA 2012—visit the R&E Foundation Booth in RSNA Services, Level 3, Lakeside Center.

**RESEARCH SCHOLAR GRANT**

Jonathan R. Dillman, M.D. 
University of Michigan Health System 
Comparative Effectiveness of MR Epithetography, Emetic Ultrasound, and Ultrasound Elastography in the Evaluation of Pediatric’s Small Bowel Crohn Disease

Jason Druzel, M.D., Ph.D. 
University of Virginia 
Machine Learning Classification of Resting State Functional MRI Data in Autism Spectrum Disorders

Joseph Eringeri, M.D., Ph.D. 
Material Sloan-Kettering Cancer Center 
Modulating Inflammation to Improve Treatment Response Following Thermal Ablation of Tumors

**RESEARCH SEED GRANT**

Michael Hope, M.D. 
University of California, San Francisco 
Incorporating the Effects of Transcytolemmal and 4D Flow as a Comprehensive Protocol for Non-Contrast MR Angiography, Venography, of Medicine

**RESEARCH RESIDENT GRANT**

Scott Bratman, M.D., Ph.D. 
Stanford University Medical Center 
A Novel Method of BOLD fMRI Resting State Functional Connectivity Analysis Across the Human Brain

**RESEARCH FELLOW GRANT**

Linna Chu, M.D. 
Johns Hopkins Medicine 
Candid MR Evaluation of Early Disease Markers of Hypothalamic Hypothalamic Pathology

Michael Farwell, M.D., M.A. 
Columbia University Medical Center 
Raychi Schlaiger Charitable Foundation Research Fellow Grant 
Development of a New SPECT Radiotracers for Seizure Focus Localization in Patients with Epilepsy

Kathy Han, M.D. 
Princess Margaret Hospital, University of Toronto 
A Prospective Pilot Study of the Utility of DCE-MRI and FDG PET Imaging for Target Detection in Brachytherapy for Cervical Cancer

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Jennifer Kwan, B.S. University of Toronto, Princess Margaret Hospital/University of Toronto Cancer Institute. Development and Characterization of Novel Uroporphyrinogen Decarboxylase Inhibitors as Tumor-Specific Radiosensitizing Agents in Head and Neck Cancers

Caleb Leake, B.S. Mayo Clinic. Risk of Contract Induced Nephropathy (CIN): Contrast-Enhanced CT or CTA followed by Carotid Cathereterization

Emile Muelle, Ph.D. Penn State University College of Medicine. Brain Morphometry as it Relates to Neurochemo in Patients with Maple Syrup Urine Disease and Healthy controls

Patrick J. Pan, B.S. Duke University School of Medicine. High-Resolution Ultrasound and Colorectal Cancer: Malignant with a Microbubble Contrast Agent: Measurement of the Hypoechoic of Pulsation Changes as a Better Indicator of Tumor Response to Anti-Angiogenic Therapy

Vishal Patel, Ph.D. University of California, Los Angeles. High Angular Resolution Diffusion Imaging for Predicting Outcomes in the Surgical Treatment of Maxillary Tomalangele Lupky

Charles Andrew Robinson, B.S. Duke University School of Medicine. Evaluation of MEK Inhibitor-Mediated Radiosensitization in KRAS Mutant Cancer Cell Lines


Brian W. Brenahan, Ph.D. University of Washington. Developing Radiology-Focused Web-Based Educational Modules in Health Services Research, Comparative Effectiveness Research, and Health Economics Evaluation

Saurabh Jha, M.D. University of Pennsylvania. TestMxS: Technology Assessment for Radiology Residents – a Curriculum to Understand the Economics of Technology Assessment for Radiology Residents

SAURABH JHA, M.D. University of Pennsylvania.

Radiology Clerkship Interpretation to Enhance Medical Student Education

Daniel Strauchler, M.D. University of Washington. Radiologist Educators’ Radiology Clerkship Education: A Needs Assessment Study

Carolyn Wang, M.D. University of California, San Francisco. Evidence-Based Development of a High-Fidelity Simulation Team Training Program for Contrast Reaction Management

Xiongming Yang, M.D., Ph.D. University of Washington School of Medicine. Toward Clinical Translation of Immunologic Molecular Imaging: An Educational Program for New Generations of Interventional Radiologists

RSNA/AUR/APDR/SCARD RADIOLOGY EDUCATION RESEARCH DEVELOPMENT GRANT

Kalpana Kanal, Ph.D. University of Washington. Use of Passive CT Protocols among Children with Head Trauma in U.S. Hospitals

Laura Sun, B.S. Brigham and Women’s Hospital. Use of Gold Nanoparticles in Enhancing Imaging and Radiation Therapy of Brain Tumors

James Duncan, M.D., Ph.D. Washington University School of Medicine. Development of a Prostate Cancer Imaging and Radiotherapy Technology Program to Enhance Radiation Resistant Tumor Treating Skills

JAMES DUNCAN, M.D., PH.D. Washington University School of Medicine.

Sergio Uribe, Ph.D., M.S. Pontificia Universidad Catolica de Chile. Parkinson’s Disease–Image Based Education Scholar Grant

Latin American MIIR e-learning Platform

DEADLINES FOR 2013 GRANT APPLICATIONS

The application process for 2013 R&E Foundation grants opens this month. Deadlines are:

• January 10, Education Grants
• January 15, Research Grants
• February 1, Research Medical Student Grant

Posters outlining R&E Foundation research and education grant programs, as well as programs for which international RSNA members are eligible, will be mailed this month to department chairs and are available for download at RSNA.org/Grants_and_Awards.aspx. Posters will also be available at RSNA 2013, the R&E Foundation Pavilion in RSNA. Services. Learn more about applying for R&E grants at RSNA.org/Foundation.
The RSNA Research & Education (R&E) Foundation presented the 2012 Roentgen Resident/Fellow Research Award to 165 residents and fellows throughout North America. This prestigious and competitive award recognizes trainees who have made significant contributions to their departments’ research efforts 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 contributions to the success of a research program
- Other research activities

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Emory University

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