The RSNA Research & Education (R&E) Foundation funded 101 grants totaling $4 million. The Foundation’s Board of Trustees thanks the Vanguard companies, individuals and private practices whose generous contributions have made the following grants possible.

**RSNA R&E Foundation Announces 2016 Grant Recipients**

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**GRANT RECIPIENTS**

**Jalal B. Andre, MD**
University of Washington
RSNA Research Scholar Grant
Evaluating the Prevalence, Temporal Eتلization, and Cost of Patient Motion During Clinical MRI Examinations

**Rivka Rachel Cohen, MD**
The University of Texas MD Anderson Cancer Center
Agfa Healthcare/RSNA
Research Scholar Grant
Radiome Sequencing of Glialbioma: Decoding the Imaging Genomic Landscape and Bioinformatics

**David Dreizin, MD**
University of Maryland School of Medicine and R. Adams Cowley Shock Trauma Center
RSNA Research Scholar Grant

**Michael David Farrell, MD, MPH**
Hospital of the University of Pennsylvania
RSNA Research Scholar Grant
Development of a Reporter Game for In Vivo PET Imaging of Chimeric Antigen Receptor CAR T Cells Directed at Solid Tumors

**Gregory N. Gan, MD, PhD**
University of New Mexico Cancer Center
RSNA Research Scholar Grant
Mechanism of Hedgong Pathway-mediated Radiosensitization in Malnourished Children

**Mani Shri Goyal, MD, MSc**
Weill Cornell University School of Medicine
RSNA Research Scholar Grant
Integrating Brain Imaging and Metabolomics

**Austin Kirschner, MD, PhD**
Handel Medical Systems
RSNA Research Scholar Grant
Mechanism of FIM1 Erasure-mediated Radiosensitization for Prostate Cancer Treatment

**Peijian Jabeed Maralani, MD, FRPC**
Sunnybrook Research Institute, University of Toronto
RSNA Research Scholar Grant
Quantitative Blood Oxygenation Level Dependent 4DCT MRI for Assessment of Tumor Heterogeneity in Glioblastoma Multiforme: Validation with Intra-operative and Pathological Correlation

**Danielle Marin, MD**
Duke University Medical Center
RSNA Research Scholar Grant
Decreased Variability for Robust Imaging-based Quantification of Tumor Heterogeneity

**Rajit Natesan, MD, MBA**
Johns Hopkins University School of Medicine
RSNA Research Scholar Grant
Impact of the Updated 2015 American Cancer Society and 2016 United States Preventive Services Task Force Breast Cancer Screening Guidelines on Screening Mammography Utilization Rates and Screen-detected Breast Cancer Across Demographic Groups in the Greater Houston Area

**Matthew J. Nyfot, PhD**
University of Arizona
RSNA Research Scholar Grant
Quantitative Subcutaneous SPEC/CT Radiomics to Guide Precision Radiotherapy for Patients with Hepatocellular Carcinoma

**Elizabeth J. Sutton, MD**
Memorial Sloan Kettering Cancer Center
Guerbet/RSNA Research Scholar Grant
Percutaneous MR Biopsy as an Alternative to Surgery in Diagnosing a Complete Pathologic Response Post Neoadjuvant Chemotherapy

**Leo L. Tsai, MD, PhD, MSc**
Beth Israel Deaconess Medical Center
Agfa Healthcare/RSNA
Research Scholar Grant
Regional Variations in Tumor Metabolism and Prolylirization Reflecting a Non-uniform Tumor Micro-environment. In Vivo Assay with Hyperspectralized 13C MRI

**Shandong Wu, PhD, MSc**
University of Pittsburgh
GE Healthcare/RSNA
Research Scholar Grant
Breast DCE-MRI Contrast Enhancement Mechanisms and Breast Cancer Risk

**Hoeman Yarmohammadi, MD**
Memorial Sloan Kettering Cancer Center
RSNA Research Scholar Grant
Combined Blocking of Aortic and Anacrotic Glycolytic Metabolism Leads to Durable Improvement in Treatment Response Following Transarterial Embolization for Hepatocellular Carcinoma

**Takeshi Yokozuka, PhD, MD**
UT Southwestern Medical Center
Siemens Healthineers/RSNA
Research Scholar Grant
Validation of Optimized Dixon-based MRI Techniques for Noninvasive Evaluation of Renal Stenosis

**Stefan L. Zimmerman, MD**
Beth Israel Deaconess Medical Center
RSNA Research Scholar Grant
Evaluation of Renal Steatosis

**University of Washington**

**George J. Moore, MD**
Cedars-Sinai Medical Center
RSNA Research Resident Grant
Investigating the Prevalence, Temporal Etiology, and Cost of Patient Motion During Clinical MRI Examinations

**Jackie Silinder, MD, PhD**
Hospital for Special Surgery, New York
RSNA Research Seed Grant
Preoperative Identification of Isocitrate Dehydrogenase Mutation in Gliomas using MRI Spectroscopy, Diffusion-weighted and Perfusion-weighted Imaging

**O. Kenechi Nwawka, MD**
University of Texas Southwestern Medical Center
RSNA Research Scholar Grant
Neoadjuvant Treatment Response to Radioembolization of Colorectal Liver Metastases

**Aradhana Mukherjea Venkatesan, MD**
The University of Texas MD Anderson Cancer Center
Toshiba America Medical Systems/RSNA Research Seed Grant
Functional and Metabolic Imaging Biomarkers of Radiation Response in High Risk HPV+ Tumors

**Evan Ziv, MD, PhD**
Memorial Sloan Kettering Cancer Center
RSNA Research Seed Grant
Signaling Pathways Predictive of Response to Radiosensitization of Colorectal Liver Metastases

**Patrick Slattery, MD**
Cook Medical Cesare Gianturco/RSNA
Research Seed Grant

**Toshiki Yokoo, MD, PhD**
Toshiba America Medical Systems/RSNA Research Seed Grant
Neoadjuvant Treatment Response to Radioembolization of Colorectal Liver Metastases

**Timur Mijat, MD, PhD**
Oregon Health & Science University
Toshiba America Medical Systems/RSNA Research Seed Grant
Novel Imaging of Lymph Nodes in Patients with Rectal Cancer Using Ferumoxysalt-enhanced MRI

**Nima Nabavizadeh, MD**
Oregon Health & Science University
Toshiba America Medical Systems/RSNA Research Seed Grant
Circulating Tumor DNA in Plasma of Patients Undergoing Trabodism Therapy for Esophageal Cancer: A Potential Tool for Neoadjuvant Treatment Response Assessment

**Than Binh Nguyen, MD**
The Ottawa Hospital, University of Ottawa
Toshiba America Medical Systems/RSNA Research Seed Grant
Preoperative Identification of Isocitrate Dehydrogenase Mutation in Gliomas using MRI Spectroscopy, Diffusion-weighted and Perfusion-weighted Imaging

**Aradhana Mukherjea Venkatesan, MD**
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**Ty Kano Sobhawong, MD**
University of Miami
Toshiba America Medical Systems/RSNA Research Seed Grant
Neoadjuvant Treatment Response to Radioembolization of Colorectal Liver Metastases

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