SPARKING INNOVATION

GRANTS & AWARDS
2023 RSNA R&E Foundation

Seeding the Future of Radiology
As donors to the R&E Foundation, you have provided the spark for current and future radiology research and education. Your donations continue to shed light on the opportunities and the advancement of our specialty. We are deeply grateful for your support and contributions.

Earlier this year, the R&E Foundation Board of Trustees approved $4.7 million to fund our 2023 grant recipients. Individuals from 47 institutions will receive grant awards including essential protected time and support, demonstrating RSNA’s ongoing dedication to advancing radiology’s future. This booklet highlights our funded research and education projects.

Since 1984, the Foundation has awarded $78 million in funding for over 1,800 grant projects. According to a survey of past grant recipients, for every $1 the Foundation gives, investigators receive an average of $60 in additional funding from other sources like the National Institutes of Health—this is a significant increase compared to past years. In all, our $78 million investment has resulted in more than $4.5 billion in funding for radiology research and education.

Your generous donations have supported innovation that continues to improve medical imaging education and research initiatives moving disease detection and management forward. Through the Foundation, grant recipients are continuously making great strides to advance radiology benefiting countless patients and blazing a trail for future generations. Your incredible generosity is helping make the next steps in radiology’s evolution possible.

Thank you, as always, for investing in our Foundation and the future of radiology. Today’s research is tomorrow’s practice. We hope we will continue to work together for the future of our field. Thank you so much, again, for your generous contribution and support for the RSNA R&E Foundation.

Satoshi Minoshima, MD, PhD
Chair, Board of Trustees
RSNA R&E Foundation

Read full grant abstracts and see how RSNA grant recipients courtesy of the R&E Foundation are making a difference at RSNA.org/Grant_Search.
TABLE OF CONTENTS

GRANT AND AWARD DESCRIPTIONS ...................... 2
RECOGNITION AND THANKS.............................. 3
RESEARCH GRANTS

• Research Scholar Grant................................. 4
• Research Seed Grant.................................. 10
• Research Resident/Fellow Grant...................... 12
• Research Medical Student Grant.................... 19
EDUCATION GRANTS ...................................... 27
EMERGING ISSUES GRANTS......................... 29
ROENTGEN RESIDENT/FELLOW RESEARCH AWARD... 33
GRANT AND AWARD DESCRIPTIONS

RESEARCH SCHOLAR GRANT
The Foundation’s premier career development grant is designed to transition junior faculty to independent investigators. Funding protects research time to conduct complex projects under the guidance of a mentor and scientific advisor.

RESEARCH SEED GRANT
Every great discovery starts with a spark. This grant provides seed money to test hypotheses and conduct pilot studies to prepare major grant applications to corporations, foundations and government agencies.

RESEARCH RESIDENT/FELLOW GRANT
This grant provides investigators a chance to explore powerful ideas, gain insight into specific investigations and practice research methods and techniques.

RESEARCH MEDICAL STUDENT GRANT
Exposure to radiology in medical schools ignites a passion and encourages students to consider academic radiology as an option for their future. A summer project can turn into a career-long pursuit of research and discovery.

DEREK HARWOOD-NASH INTERNATIONAL EDUCATION SCHOLAR GRANT
This grant funds investigators looking to affect radiology education around the world. All projects are eligible for funding as long as they are on an international scale.

RSNA/AUR/APDR/SCARD RADIOLOGY EDUCATION RESEARCH DEVELOPMENT GRANT
This grant helps to build a critical mass of radiology education researchers and promotes the careers of those with passion to advance the science of radiology around the world.

EMERGING ISSUE GRANT
The Foundation is invested in ensuring that the current and next generation of radiologists are able to meet the needs of the continuously evolving profession and help achieve equitable care for all. The Emerging Issues grant was developed to rapidly and effectively address urgent issues that threaten the health and well-being of disparate populations.

WHERE DO YOUR DONATIONS GO?
Low overhead puts more of your donations toward grant funding

HOW ARE GRANT DOLLARS DISTRIBUTED?
Percent of grant dollars awarded by grant type in 2021

94% GRANT PROGRAMS
41% RESEARCH SCHOLARS
10% RESEARCH FELLOWS
29% RESEARCH RESIDENTS
4% MEDICAL STUDENTS
11% RESEARCH SEEDS
5% EDUCATION
2% ADMINISTRATION
4% FUNDRAISING

Through the generosity of our donors, the RSNA R&E Foundation is able to continue its investment in R&D for radiology. The Foundation acknowledges the distinguished individuals and the Visionaries in Practice (VIP) Program donors who have established endowments and awards in their names or in the names of those honored.

**Austin Radiological Association**
- Derek Harwood-Nash, MD
- Joan Eliasoph Charitable Remainder Annuity Trust
- Martin R. Prince, MD, PhD
- Ralph Schlaeger Charitable Foundation
- RSNA Presidents Circle
- Strategic Radiology

The Foundation is grateful for the major contributions from corporate donors through the Vanguard Program.
“It’s my great honor to receive the prestigious AGFA HealthCare/RSPA Research Scholar Grant. This grant allows me to start a multidisciplinary and multicentered research project on hepatocellular carcinoma. It also provides me with valuable support, resources, and network necessary for an early career clinician-investigator. I am truly grateful for this opportunity.”

— Xiaoyang Liu, MD, PhD
SHARATH BHAGAVATULA, MD
Brigham and Women’s Hospital
Development of Superparamagnetic Iron-Oxide Nanoparticle (SPIO-NP)-Enhanced Microwave Ablation
GE HealthCare/RSNA Research Scholar Grant

JASON CHIANG, MD, PHD
University of California, Los Angeles
Augmenting Microwave Ablation With Supercharged NK Cell Therapy in an Oncopig Liver Tumor Model
RSNA Research Scholar Grant

ELIZABETH GEORGE, MBBS
University of California, San Francisco
Quantitative Susceptibility Mapping of Neonatal Cerebral Oxygenation to Predict Neurodevelopmental Outcomes in Congenital Heart Disease
RSNA Research Scholar Grant

AMIT GUPTA, MD
University Hospitals Cleveland Medical Center
Lung T1 Mapping and Non-Contrast MR Angiography: A Noninvasive Method for Assessment of Pulmonary Vasculature and Perfusion Abnormalities in Patients With Chronic Thromboembolic Pulmonary Hypertension
RSNA Research Scholar Grant
ROGER GOLDMAN, MD, PHD
University of California, Davis
Artificial Intelligence for Interpretation and Localization in Digital Subtraction Angiography
RSNA Research Scholar Grant

LEWIS DIRK HAHN, MD
University of California, San Diego
Deep Learning-Based Prediction of Chronic Thromboembolic Pulmonary Hypertension
Carestream Health/RSNA Research Scholar Grant

LESLIE R. LAMB, MD, MSC
Massachusetts General Hospital
Strategy to Reduce Disparities in Breast Cancer Risk Assessment Using Artificial Intelligence
Siemens Healthineers/RSNA Research Scholar Grant

YOO JIN LEE, MD
University of California, San Francisco
Imaging of Active Myocardial Fibrosis Using 68 Ga-FAP-2286
Bracco Diagnostics Inc./RSNA Research Scholar Grant
XIAOYANG LIU, MD, PHD
University of Toronto
Multimodal Integration of Radiology, Genomics and Pathology for Recurrence Prediction in Hepatocellular Carcinomas After Curative Resection
AGFA HealthCare/
RSNA Research Scholar Grant

KIRTI MAGUDIA, MD, PHD
Duke University
Optimizing Preoperative Assessment and Postoperative Management of Bariatric Surgery Patients With Fully Automated, High Throughput and Normalized CT-Based Body Composition Analysis
Joan Eliasoph, MD/
RSNA Research Scholar Grant

DEVARATI MITRA, MD, PHD
The University of Texas MD Anderson
Prediction of Radiation Therapy-Associated Toxicity to Correct a Race-Based Disparity
RSNA Research Scholar Grant

MARWAN MOUSSA, MD
Beth Israel Deaconess Medical Center
Combinational Thermal Ablation and Nanodrug Immunomodulation To Promote Anti-Tumor Immunity
RSNA Research Scholar Grant
ALI PIRASTEH, MD
University of Wisconsin-Madison
Development of FAPI PET as a Non-invasive Biomarker of Liver Fibrogenesis
RSNA Research Scholar Grant

LIQIANG REN, PHD, DABR
The University of Texas Southwestern Medical Center
Early Detection of Pancreatic Ductal Adenocarcinoma with Clinical Photon-Counting Computed Tomography
RSNA Research Scholar Grant

AMANDA R. SMOLOCK, MD, PHD
The Medical College of Wisconsin
Understanding the Effect of Histotripsy on Tumor Hypoxia in a Pancreatic Cancer Model
RSNA Research Scholar Grant

MARYAM SOLTANOLKOTABI, MD
University of Utah
Quantitative Bone SPECT/CT and Its Role in Osteoarthritis Imaging & Management: A Pilot Study on the Hand & Wrist
RSNA Research Scholar Grant

KARTHIK M. SUNDARAM, MD, PHD
University of Pennsylvania
Developing an Image-Guided Approach for Optimal Surgical Debulking and Treatment of Recurrent Ovarian Cancer Using a Novel Theranostic Agent
GE HealthCare/RSNA Research Scholar Grant
SCOTT M. THOMPSON, MD, PHD  
Mayo Clinic Rochester, Minnesota  
Intraindividual Comparison of Hepatic Intraarterial Versus Systemic Intravenous 68Ga-PSMA PET/CT in Patients With HCC  
RSNA Research Scholar Grant

ANGELA TONG, MD  
NYU Grossman School of Medicine  
Added Value of Quantitative MR Imaging to Radiologists and Deep Learning Based Computer Aided Detection of Prostate Cancer on Prostate MRI  
RSNA Research Scholar Grant

CHRISTIAN B. VAN DER POL, MD, FRCPC  
Hamilton Health Sciences  
Liver Imaging Reporting and Data System (LI-RADS) Diagnostic Test Accuracy Individual Patient Data (IPD) Meta-Analysis  
RSNA Research Scholar Grant

MICHAEL C. VERONESI, MD, PHD  
University of Wisconsin - Madison  
Development of Neuroimaging Biomarkers Using Simultaneous FET PET and MR CEST for Combination Therapy Against Glioblastoma  
RSNA Research Scholar Grant

VIVEK SRIKAR YEDAVALLI, MD, MS  
Johns Hopkins School of Medicine  
Deep Learning Models Using Baseline Comprehensive CT Stroke Collateral Imaging in Cerebral Angiographic Collateral, Post Procedural Hemorrhagic Transformation, and Clinical Outcomes Predictions for Increasing Endovascular Thrombectomy Eligibility in the Late Time Window  
Guerbet/RSNA Research Scholar Grant
“The outcome of my project offers innovative approaches to integrate AI into patient management decisions and ultimately has the potential to personalize treatment choices in patients with intraductal papillary mucinous neoplasm of the pancreas. I feel very lucky to have the great visionaries Dr. Mike Gee and Dr. Dania Daye as my mentors and I am so appreciative of RSNA for their support throughout my academic career.”

– Azadeh Tabari, MD
MICHAEL DOHOPOLSKI, MD  
The University of Texas Southwestern Medical Center  
Identifying Residual or Recurrent Local Disease on Post-Treatment PET Imaging in Patients With Head and Neck Cancer Using Reliable and Explainable Deep Learning Models  
RSNA Research Seed Grant

NATALLY HORVAT, MD, PHD  
Memorial Sloan Kettering Cancer Center  
Establishing Robust Ground-Truth Labels To Create Machine-Learning Response-Assessment Models Using an Innovative Fusion Technique of Rectal MRI and Whole-Mount Histopathologic Specimens  
Bayer HealthCare/RSNA Research Seed Grant

AZADEH TABARI, MD  
Massachusetts General Hospital  
Machine Learning Based Radiomics to Predict Highgrade Intraductal Papillary Mucinous Neoplasm(IPMN) of the Pancreas  
RSNA Research Seed Grant

PAUL HYUNSOO YI, MD  
University of Maryland  
Assessing the Trustworthiness of Vision Transformer Attention Saliency Maps For Localizing Abnormalities in Medical Imaging  
Joan Eliasoph, MD/RSNA Research Seed Grant
“I want to express my heartfelt appreciation to Canon Medical Systems USA, Inc. and R&E Foundation donors for the invaluable support of my research. The objective of my research is to enhance AI-guided precision medicine approaches and ultimately improve the care and outcomes of patients diagnosed with cancer.”

— Laurent Dercle, MD, PhD
MAXIME BOUTHILLIER, MD  
University of Montreal  
MRI Biomarkers in Spinal Cord Injury: End-to-End Analysis Pipeline for Traumatic Spinal Cord Injury Research  
RSNA Presidents Circle Research Resident Grant

JOHN MICHAEL BRYANT, MD  
Moffitt Cancer Center  
In Vivo Magnetoelectric Nanoparticles as a Tumor-Targeting Contrast Agent for T2 Magnetic Resonance Imaging in a Murine Pancreatic Ductal Adenocarcinoma Flank Tumor Model  
FUJIFILM Healthcare Americas Corporation/RSNA Research Resident Grant

ANDREW CHANG, MD, PHD  
Washington University in St. Louis  
Interrogation of Glioblastoma Fatty Acid Metabolism With Deuterium Metabolic Imaging  
Philips/RSNA Research Resident Grant

TAFADZWA LAWRENCE CHAUNZWA, MD, MHS, BSE  
Brigham and Women’s Hospital  
Comprehensive AI-Driven Radiological Assessment for Non-Small Cell Lung Cancer Immunotherapy Prognostication  
RSNA Research Resident Grant
FLORENCE L. CHIANG, MD, PHD
Massachusetts General Hospital
Uncovering the Microstructural Substrate of Functional Changes Associated With Localized Gray Matter Atrophy in Multiple Sclerosis Using Ultra-High Gradient Diffusion MRI
Ralph Schlaeger Charitable Foundation/RSNA Research Fellow Grant

LAURENT DERCLE, MD, PHD
Columbia University
Prospective Deployment of Artificial Intelligence Software Using Standard-of-Care CT Scans To Predict the Efficacy of Cancer Treatments
Canon Medical Systems USA, Inc./RSNA Research Resident Grant

LeMOYNE HABIMANA-GRIFFIN, MD, PHD
Washington University in St. Louis
Engineering Probiotic Yeast for Theranostic Applications in Radiation Enteritis
RSNA Research Resident Grant

AUSTIN HOPPER, MD
University of California, San Diego
Prefrontal Cortical Atrophy After Brain Radiation as a Biomarker of Neurocognitive Change: Implications for Cognitive Preservation
FUJIFILM Healthcare Americas Corporation/RSNA Research Resident Grant
MELINA HOSSEINY, MD
University of California, San Diego
A Deep Learning-Based Artificial Intelligence Tool for LI-RADS Categorization on Liver MRI
Canon Medical Systems USA, Inc./RSNA Research Resident Grant

CHARISSA KIM, MD, PHD
Beth Israel Deaconess Medical Center
Investigating the Longitudinal Evolution of Lymphedema with Ultra-High Frequency Ultrasound and Radiomics
RSNA Research Resident Grant

ZOFIA MARIA LASIECKA, MD, PHD
Emory University
Task-Based fMRI in Prediction of Memory Outcome After Stereotactic Laser Ablation for Epilepsy
FUJIFILM Healthcare Americas Corporation/RSNA Research Resident Grant

HWAN LEE, MD
University of Pennsylvania
A Platform for Measuring the Effects of Targeted Alpha Therapy Based on Subcellular Localization
GE HealthCare/RSNA Research Resident Grant
CHRISTOPHER MALLORY, MD, MHA, MS
University of Utah
Assessment of Repeat Short Interval Cross-Sectional Imaging in Cancer Patients
Philips/RSNA Research Resident Grant

CLIVE MUSONZA, MD, PHD
The University of Texas Southwestern Medical Center
PET/MR for Characterization of Renal Masses (RMs)
Bracco Diagnostics Inc./RSNA Research Resident Grant

HOSSEIN NEJADNIK, MD, PHD
University of Pennsylvania
Development of a Clinically Translatable MRI Traceable mRNA Derived CAR T Cells Approach for Diffuse Midline Glioma (DMG) Immunotherapy
Prince/RSNA Research Resident Grant

HANZHOU LI, MD
Emory University
Patient-Centered, AI-Synthesized Video Explanation of Radiology Reports Generated with NLP
GE HealthCare/RSNA Research Resident Grant
HYUNSOO JOSHUA NO, MD, CMD
Stanford University
Development of Personalized Cardiac Risk Reduction Strategies in Thoracic Radiotherapy
Phillips/RSNA Research Resident Grant

CARLOS B. ORTIZ, MD
The University of Texas Health Science Center at San Antonio
Impact of Hepatic Tissue Type on Microwave Ablation Dimensions and Dielectric Properties Utilizing a Novel Ex Vivo Human Liver Perfusion System
Phillips/RSNA Research Resident Grant

R. BLAKE ROSS, MD
University of Colorado Anschutz
PPAR Modulation in Combination With Radioimmunotherapy in Animal Models of Head and Neck Cancer
RSNA Research Resident Grant

VEIT SANDFORT, MD
Stanford University
Dynamic CT Evaluation of Proximal Aortic Distensibility in Stanford Type B Aortic Dissection
Siemens Healthineers/RSNA Research Fellow Grant
PALLAVI SRIVASTAVA, MBBS, MPH
The University of Texas Southwestern Medical Center
Probing the Functional and Microstructural Correlates of Preclinical and Prodromal Dementia: A Population-Based Study Using MEG and NODDI
Austin Radiological Association/RSNA Research Resident Grant

KAILIN YANG, MD, PHD
Cleveland Clinic
Targeting m6A RNA Methylation to Radiosensitize Glioblastoma Stem Cells
RSNA Research Fellow Grant

WENHUI ZHOU, MD, PHD
Stanford University
Prediction of Occult Invasive Breast Cancer in Women with Ductal Carcinoma In Situ Using Multitask Deep Learning
Strategic Radiology/RSNA Research Resident Grant

BENJAMIN SCHRANK, MD, PHD
The University of Texas MD Anderson Cancer Center
Listeriolysin O Enhances Radiation Responses to Phagocytosis Checkpoint Blockade
RSNA Research Resident Grant
“With growing interest in emergency medicine and brain imaging, this project utilizing multiparametric techniques and examining different populations and conditions gave me the opportunity to approach the field from a research perspective and broaden my knowledge. Not only was I encouraged to pursue my own research interest, but I also received valuable mentorship and guidance at each step of the way. I am grateful for the support of my mentors Nelly Joseph-Mathurin, PhD and Tammie Benzinger, MD, PhD, and for the experience.”

— Junie Saint Clair, BS, MDiv
PRATHEEK BOBBA, BS
Yale University
The Impact of Postnatal Growth on Brain White Matter Microstructure in Very Preterm Infants
RSNA Research Medical Student Grant

ABIGAIL E. CORKUM
University of Maryland
CT-Based Computer Aided Detection (CAD) Tools for Traumatic Torso Hemorrhage: Assessing Performance Bias and Hidden Stratification
RSNA Research Medical Student Grant

ALANKRIT SHATADAL
University of Wisconsin-Madison
A Picture Is Worth a Thousand Words: Correlating Description of Calcifications on Non-Contrast Head CT with Final Diagnosis
RSNA Research Medical Student Grant

CLAIREE HERMISTON
Dalhousie University
A Retrospective Cohort Study Comparing Simple Internal Jugular Tunneled Central Venous Catheter Exchange to SVC Fibrin Sheath or Stenosis Angioplasty in Conjunction with Central Venous Catheter Exchange in Chronic Dialysis Patients
RSNA Research Medical Student Grant
JADA HISLOP, BS  
Emory University  
Improving Communication of Screening Mammogram Results to Patient  
RSNA Research Medical Student Grant

SAJID HOSSAIN, BS, MS  
Yale University  
Deep Learning on Prostate Cancer MRI for Non-invasive Risk Stratification and Prognostication  
FUJIFILM Healthcare Americas Corporation/RSNA Research Medical Student Grant

ALI IBRAHIM, MS  
Meharry Medical College  
A Multi-Institutional Study Using 3D Printed Models to Improve Medical Personnel Procedural Skill Training and Teaching  
RSNA Research Medical Student Grant

MALIHA IMAMI, BSC, MENG  
University of Toronto  
Development of a Fully-Automated Deep Learning Model for Segmentation and Treatment Response Assessment of Lesions on PET and CT Imaging of Patients With Prostate Cancer  
RSNA Research Medical Student Grant
DANIEL KARGILIS, BA  
Johns Hopkins University  
Automatic Segmentation and Classification of Lymph Nodes for Oncological Management  
RSNA Research Medical Student Grant

SIMON KIDANEMARIAM, BS  
Brigham and Women’s Hospital  
Community-Level Patient Factors Associated with Fulfillment of Radiologist Follow-Up Recommendations in Massachusetts  
RSNA Research Medical Student Grant

LYNN LENG, BS  
University of California, San Francisco  
A Randomized, Controlled Trial of Rapid Rollover Maneuver in Reducing Pneumothorax After Percutaneous CT-Guided Lung Biopsy: An Interim Analysis  
RSNA Research Medical Student Grant

JENNIFER MATSUI, PHD  
The Ohio State University  
Pediatric, Adolescent, and Young Adult Patients With WHO Grade 4 Gliomas: A Multi-Institutional Study Evaluating Outcomes and Patterns of Failure  
RSNA Research Medical Student Grant
DARRIAN MCAFEE, BA
University of Maryland
MR Spectroscopy of Hyperpolarized [1-13C] Pyruvate as a Novel Imaging Tool for Epilepsy
RSNA Research Medical Student Grant

STEVEN PAN, BSC
Weill Cornell Medicine
Evaluation of Prostate Specific Membrane Antigen (PSMA) as a Radionuclide Therapy Target in Glioblastoma Multiforme (GBM)
RSNA Research Medical Student Grant

SUNGMEE PARK
University of California, Irvine
The Impetus for Diversity and Inclusion in Radiology and a Taskforce to Initiate Change
RSNA Research Medical Student Grant

CASEY PATON, MA
University of Rochester
Improving Detection of Brain Metastases on MRI with a Tensorflow Based Deep Learning Algorithm
RSNA Research Medical Student Grant
JOSEPH RICH, BS  
University of Southern California  
Deep Learning Image Segmentation of Prostate Cancer Bone Metastases  
RSNA Research Medical Student Grant

JUNIE SAINT CLAIR, BS, MDIV  
Meharry Medical College  
Examining the Predictive Value of Synaptic Dysfunction and Neuronal Injury Measures on Imaging Markers of Disease Presentation and Progression in Alzheimer’s Disease  
RSNA Research Medical Student Grant

SAMANTHA SANTOMARTINO, BA  
University of Maryland  
Improving the Fairness of Deep Learning Models For Pediatric Bone Age Prediction Using Attention-Based Neural Networks  
RSNA Research Medical Student Grant

ABHINAV SURI, BA  
University of California, Los Angeles  
DeepFRAX: A Novel Deep Learning Based Predictor of Future Hip and Major Osteoporotic Fracture Risk  
RSNA Research Medical Student Grant
FELICIA TANG  
University of California, San Francisco  
Quantitative and Qualitative Correlation of 0.55T MRI to CT for Normal Anatomic Structures and Common Pulmonary Pathologies  
Philips/RSNA Research Medical Student Grant

SAMUEL VYDRO, BS  
University of California, San Francisco  
Development and Implementation of a 3D-Printed Pulmonary Artery Model for Vascular and Interventional Radiology Simulation Training  
RSNA Research Medical Student Grant

LUCIA WEST  
University of California, San Francisco  
Fractional Anisotropy as a Predictor of Deep Brain Stimulation Efficacy in Patients with Long-Standing Parkinson’s Disease  
RSNA Research Medical Student Grant

ANTHONY TAOLUN WU, BS  
University of California, Irvine  
A Deep-Learning NLP for Automated Radiology-Pathology Correlation  
RSNA Research Medical Student Grant

HOSSAM ZAKI, BS  
Rhode Island Hospital  
Liver Tumor Segmentation For Real Time Data During Image-Guided Thermal Ablation Treatment  
RSNA Research Medical Student Grant
HELEN ZHANG, BS
Rhode Island Hospital
Ablation Zone Estimation and Deep Reinforcement Learning for Intraprocedural Guidance of Lung Image-Guided Thermal Ablation Treatment
RSNA Research Medical Student Grant

ALEXANDER ZHOU, MS
Icahn School of Medicine at Mount Sinai
Simulating Cardiac PET-MRI of Cardiac Sarcoidosis with Deep Learning
RSNA Research Medical Student Grant
“Climate change is the greatest threat to global health of the 21st century, and as a core component of health care, radiology will undoubtedly be significantly impacted. It is critical to prepare radiologists for the challenges they will face and the adaptations they will need to make.

I am grateful for the RSNA Education Project Award, which will help my team develop and implement a novel curriculum for our radiology trainees focused on the interplay between radiology, sustainability and climate change. This is an amazing opportunity to raise awareness among our future radiologists of the challenges they will face and the importance of utilizing more sustainable practices.”

– Preeti Arun Sukerkar, MD, PhD
CHRISTIAN J. GOMEZ, MD
Emory University
Virtual Reality Simulation and Image Guided Procedures: Looking Towards the Future of Procedural Training
RSNA Education Project Award

MASIS ISIKBAY, MD
University of California, San Francisco
International Expansion of the Newly Created Online Diagnostic Radiology Call Preparation Curriculum
Derek Harwood-Nash International Education Scholar Grant

PREETI ARUN SUKERKAR, MD, PHD
VA Palo Alto Health Care System
Radiology, Sustainability, and Climate Change: A Novel Pilot Curriculum for Radiology Residents
RSNA Education Project Award
“This transformational grant has allowed my team to test interventions in collaboration with community partners that utilize high-quality population level data to increase adherence to lung cancer screening. Performing a community-engaged pragmatic clinical trial is not something many radiologists get to do so the opportunity afforded through this RSNA grant is highly appreciated. Strategic funding such as this is critical for reducing health disparities and generating preliminary data that can lead to larger funding.”

– Farouk Dako, MD, PhD
ULAS BAGCI, PHD
Northwestern University
PASC Pulmonary Fibrosis Prediction with Deep Learning and Multimodal Data
RSNA Emerging Issues — Long-term Effects of COVID-19

FAROUK DAKO, MD, PHD
University of Pennsylvania
Community Support Program for Lung Cancer Screening
RSNA Emerging Issues — Interventions/Solutions to Health Care Disparities

JUDY GICHOYA, MD
Emory University
Debiasing Image-Based AI Models for Population Health
RSNA Emerging Issues — Interventions/Solutions to Health Care Disparities

SOTERIOS GYFTOPOULOS, MD, MBA, MSC
NYU Langone Health
Understanding and Improving Osteoporosis Screening in U.S. Asian Populations: A Mixed Method Analysis Based Education Initiative
RSNA Emerging Issues — Interventions/Solutions to Health Care Disparities
DANIEL KIM, PHD  
Northwestern University  
Discovery of Racial Disparities in Coronary Microvascular Dysfunction in Long COVID Patients using Rapid Quantitative Cardiovascular MRI  
RSNA Emerging Issues – Long-term Effects of COVID-19

CHRISTINA LEBEDIS, MD  
Boston University Medical Center  
Addressing Disparities in Hepatocellular Carcinoma (HCC) Surveillance Using Implementation Strategies  
RSNA Emerging Issues—Interventions/Solutions to Health Care Disparities

LICIA LUNA, MD, PHD  
Johns Hopkins Hospital  
Use of 11C-CPPC PET for Imaging the Macrophage Colony-Stimulating Factor 1 Receptor (CSF1R) in Patients With Long COVID  
RSNA Emerging Issues – Long-term Effects of COVID-19

MAHMUD MOSSA-BASHA, MD  
University of Washington  
Imaging and Plasma Markers, and Cognitive Profile of Post-Acute Sequela of COVID-19, and Association With Vascular Dementia  
RSNA Emerging Issues – Long-term Effects of COVID-19
**BHAVIKA K. PATEL, MD**
*Mayo Clinic Arizona*
Sustainability of a Pilot Ride Share Intervention: Creating a Plan To Enable Large-Scale Inclusive Patient Access to Preventative Screening
*RSNA Emerging Issues — Interventions/Solutions to Health Care Disparities*

**BRENT D. WEINBERG, MD, PHD**
*Emory University*
Metabolic Imaging of Neurological Long Covid Patients
*RSNA Emerging Issues — Long-term Effects of COVID-19*
“After my second year of residency, I made a personal publication goal, starting with a QI poster on the sono- graphic murphy sign in the setting of opioid analgesic administration. I was able to attend the RSNA annual meeting and seven conferences over the next two years (virtually and in person), with multiple case reports and case series, and an educational theory piece. This award was the highlight of following through on my original goal.”

– Elianna Goldstein, MD
AYAHALLAH AHMED, MB, BCH, MSC
Creighton University

HEBA ALBASHA, MD
University of Cincinnati

MARCIO BOTTENE VILLA ALBERS, MD
University of Pittsburgh Medical Center

GREGORY ALEXANDER, MD
University of Maryland

KEVIN ALEXANDER ENG, MD
Western University

MOHAMMED UBAID M ALSAGGAF, MBBS
Ochsner Clinic Foundation

CESAR ALVARADO, MD
NYU Long Island School of Medicine

KARTHIKA AMARANATHAN, MD
Temple University

THOMAS J. AN, MD
Massachusetts General Hospital

DANIEL JEEJAE ANSBRO, MD
Southern Illinois University

HAYDEN ANSINELLI, MD, M.SC
University of Arizona

SWETHA ARIBINDI, MD
Wake Forest University

EBENEZER ASARE, MD
University of Virginia

EMRE ASLAN, MD
University of Montreal

JULIA ASMAR, MD
University of Missouri-Kansas City

SINAN ALI Q. BANA, MD
Baylor University Medical Center

MEREDITH BARA, MD, BSC
University of Alberta

MICHELLE BARDIS, MD
University of California, Irvine

SOM SUBHRO BISWAS, MD
LeBonheur Children’s Hospital

ERIK BLOMAIN, MD, PHD
Stanford University

AKSHAAR BRAHMBHATT, MD
Memorial Sloan Kettering Cancer Center

MASON ANTHONY BROWN, MD
Aurora St. Luke’s Medical Center

ALEX K. BRYANT, MD, MAS
University of Michigan

JOHN M. BRYANT, MD
Moffitt Cancer Center

FREDERICK BUTT, MD
Dartmouth-Hitchcock Medical Center

DAVID CARPENTER, MD, MHS
Duke University

ANURAG CHAHAL, MD
Mallinckrodt Institute of Radiology

RANJIT CHAUDHARY, MD
Quinnipiac University Frank H. Netter MD School of Medicine

WILLIAM C. CHEN, MD
University of California, San Francisco

BRIAN CHOU, MD
Loyola University Medical Center

JENNIFER A. CLARK, MD
MedStar Georgetown University Hospital
Roentgen winner Akshaar Brahmbhatt, MD with Dr. Schwartz, Radiology Chairman

JESSICA COMMON, MD
McMaster University

ELLA MAE CRUZ-LIM, MD
BC Cancer Kelowna

DANIELA CUNHA, MD
The University of Iowa

LEAH D’SOUZA, MD, MSC
Rush University Medical Center

JARED M. DECK, MD
SUNY Upstate Medical University

LAURENT DERCLE, MD, PHD
New York-Presbyterian, Columbia University Irving Medical Center

BETUL DERINKUYU, MD
Cincinnati Children’s Hospital Medical Center

BRETT DIAMOND, MD
Tufts University

MICHAEL DOHOPOLSKI, MD
The University of Texas Southwestern Medical Center

TIMOTHY DOUGHERTY, MD
Fox Chase Cancer Center

EDWARD DUFFY, MD
The Medical University of South Carolina

STEPHEN DZUL, MD, PHD
Wayne State University

DRUCILLA EDMONSTON, MD
University of Tennessee

SHERA B. FEINSTEIN, MD
University of California, Davis

JORDAN FENLON, MD
University of Utah

ANDREW FENWICK, BA, MD
Dalhousie University

JENNIFER B. FICKE, MD
Walter Reed National Military Medical Center

MARK FINKELSTEIN, MD
Icahn School of Medicine at Mount Sinai

ALLISON FORREST, MD
University of Vermont Medical Center

ROBERT FRANK, BSC, MD, PHD
University of Ottawa

JORDAN GAINEY, MD
University of Iowa

NAVEEN GALLA, MD
Icahn School of Medicine at Mount Sinai West
DANA CORINNA GALVAN, MD
University of New Mexico

MATTHEW D. GARRETT, MD
Columbia University Irving Medical Center

ELIZABETH GERMINO, MD, PHD
City of Hope Medical Center

TIANYUAN “GEORGE” FU, MD
University Hospitals, Cleveland Medical Center

FANTINE GIAP, MD
University of Florida

AVERI GIBSON MD, PHD
University of Massachusetts Chan Medical School

GOBIND S. GILL, MD
Dartmouth Cancer Center

ELIANNA GOLDSTEIN, MD
Tripler Army Medical Center

SUSAN GUEBLE, MD, PHD
Yale University

RUSS M. GUIDRY, MD
University of Alabama at Birmingham

AISHWARYA GULATI, MD
Thomas Jefferson University

RAHEEM HABIB, DO
Baylor Scott & White Health

SATVIK HADIGAL, MD
Rochester General Hospital

ADEEL HAQ, MD
Washington University in St. Louis

HANA HAVER, MD
University of Maryland Medical Center

JOHN M. HUDSON, MSC, MD, PHD
University of Toronto

AMARIS HUI, MD
University of Alberta

KENNETH HUYNH, DO
University of California, Irvine

AUSTIN IOVOLI, MD
Roswell Park Comprehensive Cancer Center

MASIS ISIKBAY, MD
University of California, San Francisco

SAMUEL JANG, MD
Mayo Clinic

NAHYUN JO, MD
University of Texas Medical Branch

ROHAN KATIPALLY, MD
University of Chicago

ALI KHADER, MD
Lahey Hospital and Medical Center

ALEXANDER M. KHALAF MD
Stanford University

NEILADRI KHAN, D.O.
Allegheny Health Network

BEHNNAZ KHAZAI, MD
Norwalk Hospital

SARAH SABRINE KILIC, MD
Cleveland Clinic Taussig Cancer Institute

KEVIN KIM, MD
Loma Linda University Health

HARRISON TYLER KLAUSE, MD
Eastern Virginia Medical School

FAFA KOU N DORO, MD
Yale New Haven Hospital
ALEKSANDRA AUGUSTYNOWICZ KROKHMAL, MD  
Mount Auburn Hospital

CARMEN KUT, MD, PHD  
Johns Hopkins University

JOSHUA R. LADNER, MD  
Madigan Army Medical Center

MIN LANG, MD  
Massachusetts General Hospital

BRADY S. LAUGHLIN, MD  
Mayo Clinic Arizona

AMY LE, MD, MPH  
Indiana University

BECKY K LEE, MD, MPH  
Loma Linda University

MATTHEW DONGWOO LEE, MD  
NYU Grossman

SIMON LEMIEUX, MD, MSC  
Université Laval

JAMES RYAN LOFTUS, MD  
University of Rochester

SHAWN KAG-TSO LYO, MD  
SUNY Downstate Health Sciences University

TARUB MABUD, MD, MSC  
NYU Langone Health

JOHN CHARLIE MACH, DO  
Tufts Medical Center

DANIA G. MALIK, MD  
Mayo Clinic Arizona

KAREN MAN, MD  
Atlantic Health System

GOHAR SHAHWAR MANZAR, MD, PHD  
The University of Texas MD Anderson Cancer Center

HEATHER MARTIN, MD  
Memorial University

CONOR MASTERSON, MD  
Aurora St. Luke’s Medical Center

JOHN MAYFIELD, MD, MSC  
University of South Florida

ANNA SOPHIA MCKENNEY, MD, PHD, MPH  
New York-Presbyterian Hospital/Weill Cornell Medical Center

GRANT MCKENZIE, MD  
University of Louisville

LUKAS MEADOWS, MD  
West Virginia University

Roentgen winner Naveen Galla, MD
ECE MERAM, MD  
University of Wisconsin-Madison

MEGAN MERCER, MD  
The Medical University of South Carolina

RYAN MILLER MD, MS  
Thomas Jefferson University Hospital

ARAM MODREK MD PHD  
NYU Langone Health

LINDSAY K. MORRIS, MD  
Mayo Clinic

ALI MOZAYAN, MD  
Yale University

DANIEL MURPHY, MD  
University of Utah

JORDAN MURRAY, DO  
McLaren Health Care

TOMER NAWROCKI, MD  
Staten Island University Hospital

LESLIE WILMET NELSON, DO  
University of Kentucky Medical Center

ANTHONY T. NGUYEN, MD, PHD  
Cedars-Sinai Medical Center

DYLAN A. NOBLETT, MD  
University of California, Davis

EVAN NORRIS, MD  
University of Colorado

YOSHIAKI OTA, MD  
University of Michigan

CAMERON J. OVERFIELD, MD  
Mayo Clinic

DANIEL PARROTT, MD  
UT Southwestern Medical Center

IGOR PASSIOURA, MD  
Lenox Hill Hospital

DAVID L. PAYNE, MD  
Stony Brook Medicine

THERESA PHAM, MD  
University of Utah

BRENDAN PHILLIPS, MD  
Queen’s University

DOUGLAS C. PIERCE, MD, MS  
Medical College of Wisconsin

PHILLIP PIFER, MD, PHD  
University of Pittsburgh Medical Center

JENIFER PITMAN, MD  
Hospital for Special Surgery

MICHAEL R POVLOW, MD  
San Antonio Uniformed Services Health Education Consortium

TAYLOR M. POWELL, MD  
Yale New Haven Hospital

BHUANU PRASAD, MD  
Loyola University Medical Center

RAHUL NEAL PRASAD, MD, MBA  
The Ohio State University

DAVID QIAN, MD, PHD  
Emory University

SURBHI RAICHANDANI, MD  
University of Arkansas for Medical Sciences

TARA RETSON, MD, PHD  
University of California, San Diego

MARK ROCCO, MD  
Tulane University
CARLOS RODRIGUEZ-RUSSO, MD  
Icahn School of Medicine at Mount Sinai

ARCHANA SACHEDINA, MD  
University of California, Los Angeles

ALI SAIFUDDIN, MD  
Rutgers University

GUKAN SAKTHIVEL, MD  
University of Rochester

VEIT SANDFORT, MD  
Stanford University

LUCAS GOMES SAPIENZA, MD, PHD  
Baylor College of Medicine

BIPIN SAROHA, MD  
Larkin Community Hospital

RICKY R. SAVJANI, MD, PHD  
University of California, Los Angeles

OTTO SCHOECK, MD  
Einstein Medical Center Philadelphia

EVA MENDES SERRAO, MD, PHD  
University of Toronto

PUJA SHAHROUKI, MD  
University of California, Los Angeles

STEPHANIE SHAMIR, MD  
Montefiore Medical Center

KHALID SHAQDAN, MD  
Virginia Commonwealth University Medical Center

JATIN SHARMA, MD  
Corewell Health William Beaumont University Hospital

NAOYA SHATANI, MD  
University of British Columbia

SAAD SHEIKH, MD  
University Hospitals Cleveland Medical Center-Case Western Reserve University

DIVYA SHENOY, MD  
University of Minnesota

JOHN SHUMWAY, MD  
University of North Carolina Hospitals

RAJ SINGH, MD  
Virginia Commonwealth University

VIKASH SINHA, MD  
University of Florida

LOJAN SIVAKUMARAN, MD, MSC  
Centre hospitalier de l’Université de Montréal (CHUM)

PHILIP T. SKUMMER, MD, MPH  
Medical College of Wisconsin
ROBERT J. SMALLEY, MD  
Naval Medical Center Portsmouth

CHRISTOPHER SMITH, MD  
Aultman Hospital

MATTHEW SMITH, MD, PHD  
Vanderbilt University Medical Center

MICHAEL SOCHACKI, DO  
Hartford Hospital

AKHIL KUMAR SUREEN, MD  
Rutgers University

SHRUTHI SURESH, MD  
Geisinger Medical Center

MINA SWIHA, MD, PHD  
Western University

HENRY SZETO, DO  
ChristianaCare

ANJI TANG, MD  
Brigham and Women’s Hospital

DAVID TISCHFIELD, MD, PHD  
University of Pennsylvania

KATHRYN R. TRINGALE, MD, MAS  
Memorial Sloan Kettering Cancer Center

F. EYMEM UCISIK, MD  
The University of Texas MD Anderson Cancer Center

ELLIOIT THOMAS VARNET, MD  
University of Mississippi Medical Center

APRIL VASSANTACHART, MD  
University of Southern California

Roentgen winner Cesar Alvarado, MD, with Jason C. Hoffmann, MD, FSIR, Associate Professor of Radiology, NYU Grossman Long Island School of Medicine.
Roentgen Award

AISHWARIYA S. VEGUNTA, MD
Bridgeport Hospital
- Yale New Haven Health

MARYAM VEJDANI-JAHROMI, MD, PHD
Boston University

MICHAEL VINCENT SHERER, MD
University of California, San Diego

DAVID VU, MD
Maimonides Medical Center

HUIJUAN WANG, MD
Trinity Health Oakland

AMR WARDEH, MD
SUNY Upstate Medical University

JOHN “JJ” WEAVER, MD
University of Washington

FAN YANG MD
Cross Cancer Institute

NIKHIL YEGYA-RAMAN, MD
University of Pennsylvania

JESSICA H. YOON, MD
Rhode Island Hospital/Brown University

QIAN YU (CLARK), MD
University of Chicago

Roentgen winner Matthew D. Garrett, MD, MM, with Tom K. Hei, PHD, DSc, Professor Emeritus of Radiation Oncology, Columbia University.
GIVE
THREE EASY WAYS

VISIT
RSNA.org/Donate

CALL
1-800-381-6660

EMAIL
refoundation@rsna.org