



*Together, We Are
Funding Radiology's Future®*

2026
GRANTS & AWARDS

Better patient care begins with an investment in people, and that investment starts with you.

Through your enduring commitment to the R&E Foundation, the brightest minds in our specialty are empowered to transform bold clinical ideas into meaningful, real-world outcomes. We are deeply grateful for your continued partnership and generosity.



This year, thanks to your support, the Foundation Board of Trustees awarded more than \$4.5 million across 79 grants at 47 institutions in North America and Argentina, including our first-ever grant in South America. Each of these achievements represents more than funding, it reflects meaningful momentum. Because of you, innovative investigators are advancing bold ideas, groundbreaking projects are taking shape and the boundaries of medical imaging continue to expand. With your steadfast support, the Foundation has now invested over \$92 million in research and education since its inception.

Looking ahead, we remain committed to evolving alongside the needs of our field. Beginning with the 2026 grant cycle, the Board of Trustees introduced targeted priority topic areas to accelerate progress in emerging technologies, underfunded specialties and critical gaps in clinical practice. Thanks to your support, this initiative drew a remarkable level of interest, highlighting the critical demand for investment in these areas. At the same time, we continue to champion investigator-initiated research across all medical imaging disciplines, because innovation thrives when curiosity is supported.

Thank you for making this work possible. Your generosity drives discovery, supports future leaders and strengthens the entire radiology community. Together, we are advancing care, expanding knowledge and shaping the future of our field.

With gratitude for your partnership and belief in the future of radiology,

A stylized, handwritten signature in black ink, likely belonging to Pamela Woodard, MD.

Pamela Woodard, MD
Chair, Board of Trustees
RSNA R&E Foundation



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GRANT & 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 offers seed funding to test research ideas and conduct pilot studies, supporting applications for larger grants from corporations, foundations and government agencies.

RESEARCH RESIDENT/FELLOW GRANT

These grants give early career investigators the opportunity to explore promising ideas, develop focused research skills and gain hands-on experience with 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

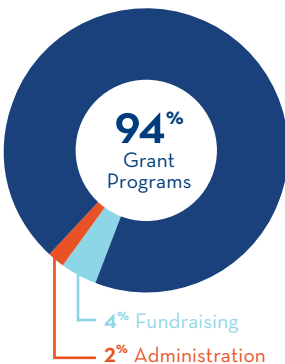
This grant supports investigators working to advance radiology education worldwide through projects with an international scope.

EDUCATION PROJECT AWARD

This project award is intended to recognize and highlight the impact of educators by providing supplemental funding for new or ongoing education projects. Some examples include projects that promote innovative teaching methodologies, resources or delivery evaluation mechanisms.

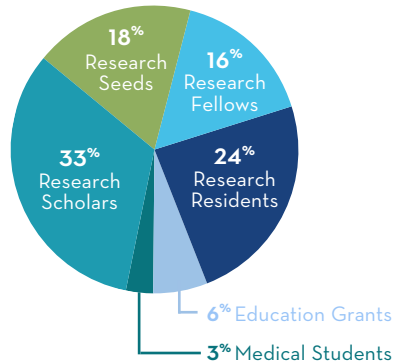
WHERE DO YOUR DONATIONS GO?

Low overhead directs more of your donations toward grant funding



HOW ARE GRANT DOLLARS DISTRIBUTED?

Percent of grant dollars by grant type in 2025



RECOGNITION & THANKS

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 who have established endowments and awards in their names or in the names of those honored.

Derek Harwood-Nash, MD

Joan Eliasoph Charitable Remainder Annuity Trust

Martin R. Prince, MD, PhD

Ralph Schlaeger Charitable Foundation

RSNA Presidents Circle

Christopher G. Ullrich, MD, & Betsy C. Ullrich Trust

The Foundation is grateful for the major contributions from corporate donors through the Vanguard Program and practice group donors through the Visionaries in Practice (VIP) Program used to fund named grant awards.



RESEARCH SCHOLAR GRANT



My scientific passion lies at the intersection of advanced medical imaging and artificial intelligence, specifically focused on transforming early detection and treatment of perihilar cholangiocarcinoma (pCCA), a devastating cancer with historically poor outcomes. Support from donors has made it possible to advance this work at a critical stage, providing the resources needed to explore innovative approaches that could improve diagnosis, guide treatment decisions, and ultimately enhance patient outcomes.

I am deeply grateful for the investment donors make in research, as their generosity empowers investigators like me to pursue ideas that have the potential to make a meaningful difference in the lives of patients and families facing this challenging disease.”

—YASHBIR SINGH, PHD



RESEARCH SCHOLAR GRANT



Dooman Arefan, PhD*

University of Pittsburgh

Investigate Novel Imaging Biomarkers From Breast DCE-MRI for Predicting Long-Term Risk of Breast Cancer Recurrence

RSNA Research Scholar Grant



Angela Castellanos R., MD

University of Washington

Imaging PARP Expression to Improve Phenotyping in Cholangiocarcinoma

RSNA Research Scholar Grant



Neil Chatterjee, MD, PhD

Northwestern University Feinberg School of Medicine

Clinical Implementation of Opportunistic Screening for Liver Disease Using an AI Orchestrator

RSNA Research Scholar Grant



Florence Chiang, MD, PhD*

UT Southwestern Medical Center

Toward Characterization of Network-Based Neurodegeneration and Neuroinflammation in Multiple Sclerosis Using PET/MRI

RSNA Research Scholar Grant

RESEARCH SCHOLAR GRANT



Pippa Cosper, MD, PhD*

University of Wisconsin–Madison

Chromosomal Instability as a Biomarker of Radiation Response in HPV+ Head and Neck Cancers

RSNA Research Scholar Grant



Mikhail Doubrovin, MD, PhD*

Columbia University Irving Medical Center

Mechanisms of Response to FAP Radiotherapy with Immunotherapy in NSCLC

RSNA Research Scholar Grant



Andrew C. Gordon, MD, PhD*

Northwestern University

Defining an Ablative Dose for Y90 TARE with Advanced Dosimetry and Functional MRI

RSNA Research Scholar Grant



Avanti Gulhane, MD*

University of Washington

Enhancing Cardiac MR Imaging of Sarcoidosis via Radiomics Texture Analysis to Reduce Patient Burden and Improve Efficiency

Joan Eliasoph, MD/RSNA Research Scholar Grant

RESEARCH SCHOLAR GRANT



Sumit Gupta, MBBS, PhD*

Brigham and Women's Hospital

Utilizing Spectral and Ultra High-Resolution Data from Non-Contrast Photon Counting Computed Tomography for Enhanced Cardiopulmonary Tissue Characterization in Transthyretin Amyloid Cardiomyopathy

RSNA Research Scholar Grant



Christopher Hensley, MD, PhD*

The University of Alabama at Birmingham

Optimizing Glutamine PET Tracer Development to Guide Glutamine Inhibitor Use in Breast Cancer

RSNA Research Scholar Grant



Hwan Lee, MD

Massachusetts General Hospital

Theranostic Targeting of the Cell Nucleus in Metastatic Triple-Negative Breast Cancer

GE HealthCare/RSNA Research Scholar Grant



GE HealthCare



Doris Leithner, MD*

NYU Grossman School of Medicine

Multinuclear MRI for Treatment Monitoring in Patients With HER2 Positive Breast Cancer

RSNA Research Scholar Grant

RESEARCH SCHOLAR GRANT



Ningcheng Peter Li, MD*

University of Massachusetts

Gene Therapy for Chronic Venous Disease: Optimizing Delivery and Therapeutic Impact in a Large Animal Model

RSNA Research Scholar Grant



Tyler Mandt, MD

University of California, San Diego

Concurrent STING and TLR9 Activation with Percutaneous Cryoablation and Systemic CTLA-4 and PD-1 Inhibition to Induce Antitumoral Immunity in a Murine Model of Hepatocellular Carcinoma

RSNA Research Scholar Grant



Thomas Marini, MD*

University of Rochester Medical Center

A New Frontier in Neuroimaging: Testing Ultrasound Tomography for Imaging of the Brain

RSNA Research Scholar Grant



Arash Nazeri, MD*

Mallinckrodt Institute of Radiology

Indirect and Direct Deuterium Displacement Exchange Imaging for Probing Brain Fluid Dynamics in Health and Disease

RSNA Research Scholar Grant

RESEARCH SCHOLAR GRANT



Tyler Richards, MD

University of Utah

Development of a Vision-Language Model for Automated Measurements in Adult Degenerative Scoliosis

RSNA Research Scholar Grant



Arman Sharbatdaran, MD

Weill Cornell Medicine

Whole-Body MRI Assessment of Body Composition Remodeling During GLP-1 Agonist Therapy for Obesity

RSNA Research Scholar Grant



Yashbir Singh, PhD

Mayo Clinic

Multiparametric MRI Topological Biomarkers Predict Cholangiocarcinoma in PSC: A Persistent Homology-Deep Learning Framework

Canon Medical Systems USA, Inc./RSNA Research Scholar Grant

Canon
CANON MEDICAL



Faezeh Sodagari, MD

*Case Western Reserve University School of Medicine,
University Hospitals Cleveland Medical Center*

Rapid and Accurate Breast Cancer Screening with Magnetic Resonance Fingerprinting

RSNA Research Scholar Grant

RESEARCH SCHOLAR GRANT



Avik Som, MD, PhD

University of Washington

Bridging the Translation Gap in Intratumoral Immunotherapy Development of LipiGel for Hepatocellular Carcinoma

Bracco Diagnostics Inc./RSNA Research Scholar Grant



David Tischfield, MD, PhD

University of Pennsylvania

In Vivo Imaging of α -Ketoisocaproate Metabolism to Guide Precision Therapy in Hepatocellular Carcinoma

RSNA Research Scholar Grant



Kuan Kevin Zhang, PhD

UT Southwestern Medical Center

From Einstein on a Beach to Glioma Synthesis: Free-Text Feature-Preserving Diffusion Models for Medical Image Generation

RSNA Research Scholar Grant

RESEARCH SEED GRANT



Receiving the RSNA seed grant is to-date one of the greatest honors of my early career. With this award, our team will shift the lens of radiology research to focus on patients with sickle cell disease and acute chest syndrome (ACS). This grant supports development of a novel tool to improve the clinical relevance of chest imaging for patients with sickle cell disease.

Furthermore, our project incorporates predictive modeling to determine which patients may deteriorate in a short period of time. This prediction is critically important because ACS is the number one cause of death in this patient population. With our project we hope to create a paradigm shift in how clinicians and radiologists think about ACS to improve the health of our patients with sickle cell disease."

—SHENISE NICOLE GILYARD, MD



RESEARCH SEED GRANT



Abraham Fourie Bezuidenhout, MD

Beth Israel Deaconess Medical Center

Mapping the Microstructure of Pancreatic Ductal Adenocarcinoma Utilizing Ex Vivo 9.4T MRI and Radiomic Analysis: An Exploratory Study

Joan Eliasoph, MD/RSNA Research Seed Grant



Sabrina Campelo, PhD

UT MD Anderson Cancer Center

Imaging the Temporal Window of Electroporation Induced Radiosensitivity to Optimize Proton Therapy in Gliomas

RSNA Research Seed Grant



Aleksandr Drozdov, MD, PhD

University of Vermont, Larner College of Medicine

Automated Detection of High-Grade Glioma Progression: Validation of a Decoupled Asymmetric Thresholding Pipeline

RSNA Research Seed Grant



Ana Filipa Geraldo da Silva Couceiro, MD, PhD

Stanford University

Feasibility of 4D-Flow MRI to Evaluate Hemodynamics and Treatment Response in Pediatric Cervicofacial Slow-Flow Vascular Malformations

RSNA Research Seed Grant

**Alexandra Gersing, MD, PhD**

University of California, San Francisco

Artificial Intelligence-Enabled Magnetic Resonance Muscle Biomarkers for Unravelling the Role of Muscle in Low Back Pain

RSNA Research Seed Grant

**Shenise Nicole Gilyard, MD**

University of California, Los Angeles

Development of a Novel Classification System to Standardize Reporting on Acute Chest Syndrome in Adults Based on Correlation Between Imaging Findings and Clinical Outcome

RSNA Research Seed Grant

**Ajay Kumar, MD, PhD**

University of Pennsylvania

In Vivo Visualization and Quantification of Inducible Nitric Oxide Synthase Pathway Using [18F]-NOS PET-CT in Multiple Sclerosis Patients with Progressive Biology

RSNA Research Seed Grant

**Hossein Nejadnik, MD, PhD**

University of Pennsylvania

Noninvasive MRI Visualization of Therapeutic Immune Cells in Neuro-Oncology

Siemens Healthineers/RSNA Research Seed Grant

SIEMENS
Healthineers 

RESEARCH SEED GRANT



Oleg S. Pinykh, PhD

Massachusetts General Hospital

Leveraging Novel Learning Artificial Intelligence Tools to Optimize Interventional Radiology Scheduling and Improve Service Efficiency and Patient Access

Strategic Radiology/RSNA Research Seed Grant



Kailin Yang, MD, PhD

University of Iowa

Targeting Aberrant Lactylation to Enhance Therapeutic Efficacy in Glioblastoma

RSNA Research Seed Grant



RESEARCH FELLOW/RESIDENT GRANT



I am grateful to the R&E Foundation and its donors for supporting our research. This grant will help advance the use of artificial intelligence to identify and track follow-up imaging recommendations, transforming information often embedded within radiology reports into actionable insights.

By improving how these recommendations are identified, tracked and acted upon, we hope to reduce missed diagnostic opportunities and make healthcare delivery more reliable for patients. I am honored to contribute to work with the potential to improve patient care on a large scale.”

—NOOSHIN ABBASI, MD



RESEARCH RESIDENT/FELLOW GRANT



Caroline Adams, MD, PhD

University of Pennsylvania

Magnitude and Duration of Focused Ultrasound Mediated Blood-Brain Barrier Opening Across Pediatric Brain Regions

RSNA Research Fellow Grant



Michelle Bardis, MD

University of California, Irvine

AI-Enabled Opportunistic Screening and Characterization of Incidental Breast Lesions on CT Imaging

RSNA Research Fellow Grant



Ruoqi Gao, MD, PhD

UT Southwestern Medical Center

In Situ Reprogramming of Tumor-Associated Microglia with Chimeric Antigen Receptor as a Novel Treatment for Glioblastoma

RSNA Research Fellow Grant



LeMoyne Michael Habimana-Griffin, MD, PhD

University of Wisconsin—Madison

Increasing the Translational Fidelity of Immuno-Radiotherapy Models Using “Dirty” Mouse Microbiomes

RSNA Research Fellow Grant

RESEARCH RESIDENT/FELLOW GRANT



Maximiliano Klug, MD

Massachusetts General Hospital

Doing More With Less: Improving Surveillance Following Resection of Early-Stage Lung Cancers With Quantitative Image Analysis and Deep Learning

*Ralph Schlaeger Charitable Foundation/
RSNA Research Fellow Grant*



Doğan S. Polat, MD

Mount Sinai Hospital

AI-Automated CTA Thrombus Burden Quantification and Multimodal, Imaging-Clinical-Echocardiographic, Risk Stratification in Intermediate/High-Risk Pulmonary Embolism

RSNA Research Fellow Grant



Jiaren Zou, PhD

University of Michigan

MR-Based Tumor Microstructure Imaging for Guiding Treatment De-Escalation in Early-Stage HPV-Related Oropharyngeal Squamous Cell Carcinoma

RSNA Research Fellow Grant



Nooshin Abbasi, MD

Brigham and Women's Hospital

From Recommendation to Action: Extracting and Structuring Recommendations for Additional Imaging with Large Language Models to Improve Safety and Efficiency

RSNA Presidents Circle Research Resident Grant



RESEARCH RESIDENT/FELLOW GRANT



Ayush Bhadresh Doshi, MD

University of Virginia

Open-source LLM-Augmented Radiology Report Comparison Tool with Automated Feedback System for Residents:
Evaluating an Application of AI to Improve Resident Education

Vision Radiology/RSNA Research Resident Grant



**VISION
RADIOLOGY**



Justin Jagodinsky, MD, PhD

Stanford University

Radiogenomic Localization of Radioresistant Subclones in Human Sarcomas

RSNA Research Resident Grant



Katherine Luo, MD, PhD

University of Pennsylvania

Ultrasound Evaluation of Cerebral Perfusional Changes During Pediatric Cardiac Surgery

RSNA Research Resident Grant



Liliana Ma, MD, PhD

Stanford University

Direct K-Space Feature Learning for Prostate Tumor Identification and Histopathology-Aligned Grading

RSNA Research Resident Grant

RESEARCH RESIDENT/FELLOW GRANT



Shant Malkasian, MD

University of California, San Diego

Improving the Concordance of Coronary CTA and Second-Line Functional Imaging with Invasive Coronary Angiography using Large Language Models

RSNA Research Resident Grant



Evan Masataka Masutani, MD, PhD

University of California, San Diego

Towards Deep Learning Diagnosis and Surveillance of Hypertrophic Cardiomyopathy with Cardiac CTA

RSNA Research Resident Grant



David Reza Mittelstein, MD, PhD

University of California, San Diego

Optimizing Checkpoint Inhibitor Timing for Cryoablation/CpG Combined Therapy in a Preclinical Multifocal MASH-Associated HCC Model

RSNA Research Resident Grant



Acacia Mouzakis, MD, PhD

Harvard University

A Chemical Proteomics Campaign to Understand and Defeat Radiation Resistance in Soft Tissue Sarcoma

RSNA Research Resident Grant

RESEARCH RESIDENT/FELLOW GRANT



Alexander Victor Ortiz, MD

Stanford University

AI-Assisted Detection of Brain Metastases on MRI: Multi-Reader, Multi-Case Study Using Standard and Black-Blood Sequences

RSNA Research Resident Grant



Eri Osta, MD

The University of Texas at Austin

Automated Longitudinal Lesion Tracking and LLM-Based Response Summarization for Oncologic Imaging

RSNA Research Resident Grant



Ambika E. Paulson, MD

Vanderbilt University Medical Center

Genetic and Epigenetic Determinants of Paget's Disease Progression in a Radiographically Defined Cohort

RSNA Research Resident Grant



Alexander Pieper, MD, PhD

University of Pennsylvania

Image Guided Locoregional Therapy for Induction of Tertiary Lymphoid Structures and In Situ Vaccination in Hepatocellular Carcinoma

Bracco Diagnostics Inc./RSNA Research Resident Grant



RESEARCH RESIDENT/FELLOW GRANT



Andrew Connor Puett, MD, PhD

University of California, San Diego

Linking Radiation Dose to Longitudinal MRI Biomarkers of Injury in the Cognitive Connectome Following Intracranial Radiosurgery

Prince/RSNA Research Resident Grant



Diwash Thapa, MD

UT Southwestern Medical Center

Quantitative MRI-derived Oxygen Delivery–Extraction Habitats as Biomarkers of Radioresistance in Glioma

Ullrich/RSNA Research Resident Grant



Joy Tzung-yu Wu, MBChB

Stanford University

Training a Safe Gaze-AI-Agent for Interactive Tumor Burden Reporting on FDG-PET/CT Scans Using Reinforcement Learning From Expert Gaze Feedback

RSNA Research Resident Grant

RESEARCH MEDICAL STUDENT GRANT



What makes this award so meaningful is knowing that it comes from people who may never meet me, but who are choosing to believe in my future and in the future of radiology. As a medical student, that belief means a great deal. My research in LI-RADS and liver cancer imaging is focused on a simple yet important goal: helping radiology provide clearer answers for patients and their families facing uncertainty.

This award gives me the opportunity to keep building toward that goal, and it reminds me that even early in training, the work we do can be part of something larger than ourselves. I am truly grateful to the R&E Foundation donors for that gift.”

—DANYAAL ANSARI



RESEARCH MEDICAL STUDENT GRANT



Danyaal Ansari

University of Ottawa research performed at Dalhousie University

Does the Absence of an Ancillary Feature Improve the Diagnostic Performance of CT/MRI LIRADS? An Individual Participant Data Meta-Analysis

RSNA Research Medical Student Grant



Long Huen Au

University of California, Davis School of Medicine

Comparative Assessment of Conventional CT and Photon-Counting CT for Coronary Artery Disease Evaluation: Influence on CAD-RADS Classification and Ischemia-Positive Findings

RSNA Research Medical Student Grant



Jaeden Cortes

University of Rochester

Automated Breast Lesion Detection Using Volume Sweeping Ultrasound and Deep Learning in Peru

RSNA Research Medical Student Grant



Cam Dang

University of California, Davis School of Medicine

Optimizing Cone Beam CT-Based Tumor Volume Estimation for Yttrium-90 Radioembolization Pretreatment Planning

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Ria Dave

University of Missouri-Kansas City research performed at Washington University in St. Louis

Pink and Pearl Plus: Increasing Lung Cancer Screening in a Mammography Population

RSNA Research Medical Student Grant



Matthew Dyer

University of Louisville

Imaging Characteristics and Clinical Outcomes of Lung Metastases in Prostate Cancer Using PSMA PET: A Large-Cohort Analysis

RSNA Research Medical Student Grant



Fielding Fischer

Harvard Medical School

Diagnostic Performance of Saline-Only MR Arthrography Using T2 Fluid-Sensitive Imaging Compared with Standard Gadolinium-Enhanced MR Arthrography: A Prospective Non-Inferiority Study

RSNA Research Medical Student Grant



Nicholas Fong

University of California, Davis School of Medicine

Cardiac CTA Findings in Environmentally Vulnerable Populations: Associations Between Socioeconomic Status, Pollution Exposure, and Subclinical Disease

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Swetha Ganesan

University of California, Davis School of Medicine

Socioeconomic and Structural Disparities in Access to PET/CT Imaging Among Cancer Patients at UC Davis Health: A 10-Year Retrospective Cohort Study (2014-2024)

RSNA Research Medical Student Grant



Madison Gardner

University of Utah

Clinical Utility and Cost Analysis of Fluoroscopy-Guided Joint Aspirations

RSNA Research Medical Student Grant



Vedant Garg

University of Florida

Decomposing the Trauma Computed Tomography (CT) Imaging-to-Action Pathway at a Level I Trauma Center: Impact of Closed-Loop Radiology Communication on Time to Hemorrhage Control

RSNA Research Medical Student Grant



Roham Hadidchi

*Nova Southeastern University College of Osteopathic Medicine
research performed at Johns Hopkins University*

Automated Temporalis Muscle Segmentation on Brain MRI to Quantify Sarcopenia and Mobility Risk

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Niki Hosseinzadeh Khaligh

University of California, Davis School of Medicine

Socioeconomic Determinants of Coronary Atherosclerosis and High-Risk Plaque Characteristics in Women: Insights from Cardiac CT

RSNA Research Medical Student Grant



Kevin Hu

Columbia University Vagelos College of Physicians and Surgeons

Head CT Radiomics and Machine Learning for Prediction of Neurological Deterioration in Hemorrhagic Stroke

RSNA Research Medical Student Grant



Nayid Jana

Washington University School of Medicine in St. Louis

Enhancing the Detection, Prediction, and Clinical Interpretation of Amyloid-Related Imaging Abnormalities (ARIA) in Alzheimer's Disease Therapy

RSNA Research Medical Student Grant



Simon Liu

UCLA David Geffen School of Medicine

Enhancing Diagnostic Efficiency: An Automated Framework for Intelligent Radiation Dose Visualization in the Electronic Medical Record

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Alan Mach

The Warren Alpert Medical School of Brown University

AI-Driven Early Diagnosis and Treatment Response Prediction in Idiopathic Normal Pressure Hydrocephalus

RSNA Research Medical Student Grant



Subhashini Madhuranath

Touro College of Osteopathic Medicine

Added Value of Radiomics of Peri-Hematoma Edema Diffusion Metrics on MRI in Predicting Discharge Outcomes of Acute Intracerebral Hemorrhage

RSNA Research Medical Student Grant



Cameron May

University of Maryland

A Modular, Open-Source Platform for Multi-Reader, Multi-Case and Human-Factors Evaluation of AI in Radiology

RSNA Research Medical Student Grant



Jiung Nam

Duke University

Association of Fully Automated Deep Learning CT Body Composition Analysis and Lipoprotein (a) with Major Cardiovascular Events

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Precious Chiamaka Nwadike

University of California, Davis School of Medicine

AI-Assisted Eye-Tracking-Driven Training Platform for Radiology Education and Early Residency Competency Development

RSNA Research Medical Student Grant



Yael Sarig

Columbia University

Advanced 3D Visualization and Its Implementation Among Congenital Heart Disease Cohorts

RSNA Research Medical Student Grant



Audrey Todd

Stanford University

Renal Mass Ablation: Treatment Response Algorithm Proposal and Exploratory Study

RSNA Research Medical Student Grant



Ethan Bailey Wang

Johns Hopkins University School of Medicine

Agreement Between Deep Learning-Based Automated Brain Volumetry Tools: A Retrospective Comparison of FastSurfer and NeuroQuant

RSNA Research Medical Student Grant

RESEARCH MEDICAL STUDENT GRANT



Colin Wu

University of the Incarnate Word School of Osteopathic Medicine

A Reproducible Multimodal Ensemble AI Model for Predicting First-Cycle Non-Responders to Transarterial Chemoembolization in Hepatocellular Carcinoma

RSNA Research Medical Student Grant



Albert Yen

University of Illinois Chicago

Advanced 3D-Luminal Water Imaging for Prostate Cancer Assessment

RSNA Research Medical Student Grant



Austin Zhang

University of Pennsylvania

Establishment of a Patient-Derived Xenograft Rat Model of Hepatocellular Carcinoma that Enables the In-Vivo Study of Locoregional Therapies

RSNA Research Medical Student Grant



Mary Zhou

University of Rochester School of Medicine and Dentistry

Breast Volume Sweep Imaging (VSI) for Triage of Palpable Breast Lumps in Low Resource Settings

GE HealthCare/RSNA Research Medical Student Grant



GE HealthCare



Brian Zhou

Emory University School of Medicine

Predicting Plaque Progression from Cardiac CT

Bayer HealthCare/RSNA Research Medical Student Grant



EDUCATION GRANTS



I am deeply grateful for the opportunity to develop an educational platform that uses artificial intelligence to improve radiology training worldwide, without requiring substantial financial resources.

At a time when AI is often framed as a tool for replacement, I believe this project offers a meaningful opportunity to shift that narrative: using AI not to replace physicians, but to help train better radiologists and strengthen medical education.”

—HERNAN CHAVES, MD



EDUCATION GRANTS

EDUCATION SCHOLAR GRANT



Mariam S. Aboian, MD, PhD

Children's Hospital of Philadelphia

Leveraging the ASNR MICCAI Brain Tumor Segmentation (BraTS) Challenge to Provide Educational and Computational Support for International Radiology Trainees in Creating Artificial Intelligence-Based Tools for Clinical Neuroradiology

Derek Harwood-Nash International Education Scholar Grant



Katherine Zukotynski, MD, PhD

University of Toronto

Development and Implementation of a Psychosocial Oncology Program for Radioligand Therapy

RSNA Education Scholar Grant

EDUCATION PROJECT AWARD



Hernan Chaves, MD

Fleni Belgrano

RadSim: An Open-Source AI-Assisted Radiology Simulator for Competency-Based Training

RSNA Education Project Award



Vrushab Gowda, MD, JD

Massachusetts General Hospital

RadEd+: An Open-Access Legal, Regulatory, and Economic Curriculum for Radiology Trainees

RSNA Education Project Award



Bahram Mohajer, MD

University of Pennsylvania

Closing the Feedback Loop: An LLM-Enabled Repository for Error-Based Resident Education

Teleradiology Solutions/RSNA Education Project Award



ROENTGEN AWARD



Research has been the foundation of my passion for radiology. It challenges us to ask better questions, improve patient care and continually push our field forward.”

—TRAE BROOKS, MD



Træ Brooks, MD (left) being presented with his Roentgen Award by James Lee, MD, Program Director, University of Kentucky

Monish Ahluwalia, MD, MSc
Queen's University

Mina Mustafa Kamal Al-Ani, MBCh
SUNY Downstate Health Sciences University

Neil Almeida, MD
Roswell Park Comprehensive Cancer Center

Hussein Alsadi, MD
University of Kansas Health System

Stephan Philip Leonhardt Altmayer, MD, PhD
Stanford Health Care

Izzet Altun, MD
University of Maryland Medical Center

Anas Al-Zubaidi, MD
University of Texas Medical Branch

Carlos Aramayo, MD
Mount Auburn Hospital

Francis A. Asamoah, MBChB
Indiana University School of Medicine

Muhammad Awais Ashraf, MD
Hartford Hospital

Joseph G. Ayoub, MD
University of Missouri–Kansas City

Omar Azem, MD
Rush University Medical Center

Hannah Bacon, MD, PhD
University of Toronto

Krister Barkovich, MD, PhD
University of California, San Diego

Michele Bastianelli, MD
University of Ottawa

Lena S. Becker, MD
Yale University

Fardad Behzadi, MD
Yale New Haven Hospital

Elliot Berger, DO
Aurora St. Luke's Medical Center

Melanie Berger, MD
University of Pennsylvania

Sotonye B. Bobojama, MD
MedStar Georgetown University Hospital

Anirudh Bommireddy, MD
Cleveland Clinic

Joseph A. Breuer, MD
University of California, Irvine

Trae Brooks, MD
University of Kentucky

ROENTGEN AWARD

Matthew Brown, MD

University of Maryland

Danielle Cadoret, MD

*Corewell Health—Grand Rapids/
Michigan State University*

Anthony Casper, DO

University of Florida

Jessica Ch, MD

Cooper University Hospital

Shilpa Chandran, MD

UMass Chan Medical School

Brittney Chau, MD

University of Southern California

Aditi Chaurasia, MBBS

*University of Arkansas for
Medical Sciences*

Shihan Chen, MD

University of Alberta

Daniel Cherry, MD

*Icahn School of Medicine at
Mount Sinai*

Brandon Collins, MD, MSc

*Memorial University of Newfoundland
and Labrador*

Caleb Conrad, DO

Creighton University

P. Travis Courtney, MD, MAS

University of California, Los Angeles

Benjamin Michael Daniel, MD

*Wake Forest University School of
Medicine*

James B. Decker, MD

University of Mississippi Medical Center

Khaled Dibs, MD

The Ohio State University

Siddhant Dogra, MD

NYU Grossman School of Medicine

Anna Dornisch, MD

University of California, San Diego

Gautam Dua, MD

Tulane University School of Medicine

Philip Edgcumbe, MD, PhD

University of British Columbia

Ameer Elaimy, MD, PhD

University of Michigan

Ahmed Farhat, DO, MSBS

West Virginia University

Christian Figueredo, MD

Naval Medical Center Portsmouth

Madeline Mariah Flanagan, MD

Baylor College of Medicine

Benjamin Fletcher, MD

Mayo Clinic

Joao da Fonseca, MD

University of Florida

Robert Frantz, MD

Ochsner Health

Robert Freeman, MD

Fox Chase Cancer Center

Ruoqi Gao, MD, PhD

*University of Texas Southwestern
Medical Center*

Umberto Gianni, MD

*Icahn School of Medicine at
Mount Sinai (West)*

Jake Gibbons, MD

Baylor University Medical Center

Nelson H. Gil, MD, PhD

Massachusetts General Hospital

Barjor Gimi, MD, PhD

UMass Chan Medical School

Tarik Gozel, MD

Jacobi Radiology

Richard Lee Graf, MD, MS

Temple University Hospital

Ileasa Green, DO, MPH

University of Minnesota

Ahmet Gönkan, MD

*University of Arizona, College of
Medicine - Tucson*

Michael Guo, MD

University of Iowa Healthcare

Chunxiao Guo, MD, PhD

University of Minnesota Medical School

Saumya S. Gurbani, MD, PhD

Emory University

Alexey Gurevich, MD, MS

University of Pennsylvania

Jason Gurewitz, DO

NYU Langone Health

Lidia Guzhva, MD

University of Utah

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Roentgen Award winner Carlotta Onnis, MD (left) with Amy R. Mehollin-Ray, MD, Professor of Radiology and Imaging Sciences, Children's Healthcare of Atlanta

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Staten Island University Hospital

Samia Sayyid, MD

Cleveland Clinic

Geoffrey Sedor, MD

New York Presbyterian Hospital—Columbia University

Alper Sever, MD

Memorial Sloan Kettering Cancer Center

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Northwell Health Lenox Hill Hospital

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Suprit Singh, MD

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Raven Spencer, MD

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Seth Stubblefield, DO

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Petria Thompson, MD, PhD

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Nayan Tiwary, MD

Atlantic Health—Morristown Medical Center and Overlook Medical Center

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Geisinger Medical Center

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Jonathan Wessels, MD

University of Cincinnati Medical Center

Patrick Young, DO

Wake Forest

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Li Xin Zhang, MD

University of Montreal

Yu Tina Zhao, MD

University of Rochester

Cory Ziegler, MD

Baylor Scott & White Health—Temple, TX



Roentgen Award Winner Alper Sever, MD (center) with Dr. Lawrence H. Schwartz, Chairman (left) and Dr. Michelle S. Ginsberg, Vice Chair for Education (right), Memorial Sloan Kettering Cancer Center

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