



BRAIN ANEURYSM FOUNDATION 2022 AWARD RECIPIENTS

Omid Amili, PhD | University of Toledo

Awarded \$30,000

RECIPIENT OF _____
Falmouth Road Race Chair of Research
Nebraska's Hope For a Better Tomorrow Chair of Research

PROJECT:
A Precise Quantification of the Effect of Blood Rheology on Brain Aneurysm Hemodynamics

Joseph Antonios, PhD, MD | Yale New Haven Hospital

Awarded \$45,000

RECIPIENT OF _____
Shirley Dudek Demmer Chair of Research
Kristen Shafer Englert Chair of Research

PROJECT:
Cellular and Molecular Drivers of Aneurysm Formation and Rupture

Umeshkumar Athiraman, MD, MBBS | Washington University

Awarded \$40,000

RECIPIENT OF _____
Boston Marathon & NYC Marathon Chair of Research

PROJECT:
Targeting Microglia to Improve Delayed Cerebral Ischemia after Aneurysmal Subarachnoid Hemorrhage

Louis-Philippe Bernier, PhD | University of British Columbia

Awarded \$30,000

RECIPIENT OF _____
Brain Aneurysm Foundation of Canada Chair of Research

PROJECT:
SAH-induced Vasospasm: Probing Cerebrospinal Fluid for a Novel P2Y14-Dependent Mechanism

Koji Hosaka, PhD | University of Florida at Gainesville

Awarded \$40,000

RECIPIENT OF _____
Froggy's Drive Chair of Research

PROJECT:
Role of Myeloid-Derived Suppressor Cells in Cerebral Aneurysm Formation and Rupture

Mark D. Johnson, MD | University of Cincinnati

Awarded \$30,000

RECIPIENT OF _____
Cynthia Lynn Sherwin Chair of Research

PROJECT:
Morphological Analysis Through the Use of Fractal Dimension as a Predictor of Cerebral Aneurysm Behavior

Seungil Kim, PhD | University of Pittsburgh

Awarded \$50,000

RECIPIENT OF _____
Thomas J. Tinlin Chair of Research

PROJECT:
Evaluation of Healing Progress in the Bioabsorbable Aneurysm Coil Implanted Murine Cerebral Aneurysm Model

Melanie Martinez | University of Florida

Awarded \$30,000

RECIPIENT OF _____
Sara Hebner Chair of Research
Sharon Epperson Chair of Research
Thomas J. Tinlin Chair of Research

PROJECT:
Neutrophil ROS Role in Aneurysm Healing

Devin McBride, PhD | University of Texas Health Science Center at Houston

Awarded \$50,000

RECIPIENT OF _____
TeamSuze Chair of Research

PROJECT:
Role of Micro-Clots and NETs after SAH

Nicholas Norris | Northern Arizona University

Awarded \$45,000

RECIPIENT OF _____
Cami Clark Chair of Research
Strode Family Chair of Research

PROJECT:
Novel Comprehensive In-Vitro Circle of Willis Aneurysm Models to Improve Device Development and Surgical Confidence

Tatsat Patel, PhD, Sricharan Veeturi | University at Buffalo

Awarded \$50,000

RECIPIENT OF _____
Carol W. Harvey Chair of Research
Elizabeth Ann Irwin Chair of Research
Taylor J. Richelson Chair of Research

PROJECT:
Combination Blood and MRI Biomarkers for Rupture Risk Assessment of Brain Aneurysms on Post-Contrast MRI

Edgar A. Samaniego, MD, MS | University of Iowa

Awarded \$40,000

RECIPIENT OF _____
Renee Joyce Chair of Research

PROJECT:
Aneurysm Wall Enhancement (Predicting Rupture, Diagnosis)

Alfred P. See, PhD | Boston Children's Hospital

Awarded \$40,000

RECIPIENT OF _____
Danielle Guzman Chair of Research
Thomas J. Tinlin Chair of Research
Kati Lorge Chair of Research

PROJECT:
Correlation of Aneurysm Wall Enhancement on 7T MRI MRA with Treatment Response and Molecular Markers of Inflammation

Ben Strickland, MD | Emory University

Awarded \$40,000

RECIPIENT OF _____
Fight Like Frank Chair of Research
Patrick Fettuccia Chair of Research

PROJECT:
Hyperacute DCE-MR Perfusion Analysis of Blood Brain Barrier Destruction Resulting from Aneurysmal Subarachnoid Hemorrhage

Ananth K. Vellimana, MD | Washington University

Awarded \$30,000

RECIPIENT OF _____
Debbie Feiger Chair of Research

PROJECT:
Understanding Immune Dysfunction at the CNS borders after Subarachnoid Hemorrhage

Stacey Wolfe, MD, FAANS | Wake Forest University

Awarded \$40,000

RECIPIENT OF _____
Austen L. Dunn Chair of Research
Christopher C. Getch Chair of Research (sponsored by the CV Section)

PROJECT:
Piezo1 Mechanoreceptor Overexpression and Dysregulation as a Novel Mechanism of Intracranial Aneurysm Development