

Hitchcock Foundation Pilots grants 2023 – 2024

\$34,157 for Bradley Duchaine, MD, Department of Psychological & Brain Sciences, for “*Prosopometamorphosis: Investigation of the Neurocognitive Basis of Face Perception Distortions and Interventions that Reduce Distortions*”

\$35,000 for Samantha House, DO, MPH, Department of Pediatrics, for “*Inequities and Harm Associated with Pediatric Hospital-Based Low-Value Care*”

\$50,000 for Christopher Shoemaker, PhD, Department of Biochemistry and Cell Biology, for “*Human HOPS - Guardian Against Intracellular Pathogens*”

\$50,000 for Xyaoyao Fan, PhD, Thayer School for Engineering, for “*Ultrasound-Guided Radiation-Free Navigation System for Precise Endovascular Surgery*”

\$49,596 for Duncan Morhardt, MD, PhD, Department of Surgery, for “*Physiologic and Pharmacologic Characterization of the Zebrafish Urinary Bladder*”

\$50,000 for A. Shukla, MD, Department of Emergency Medicine, for “*Novel Model for Airway Simulation and Education: Augmented Reality for Difficult Airway Simulation with Immediate Virtual Feedback Study*”

\$49,950 for A. Howell, PhD., Department of Medicine & Microbiology Immunology for “*Immunomodulatory Effects of microRNAs Present in Breast Milk Extracellular Vesicles*”

\$46,878 for S. Streeter, PhD, Department of Orthopedics for “*Development of Acute Nerve Damage Assessment Employing a First-in-Kind Methodology Using ex vivo Perfused Human Limbs*”

\$50,000 for K. Hixon, PhD, Thayer School of Engineering for “*Tissue-Engineered Electrospun Scaffolds to Induce Human Skin Attachment and Expansion for Transplantation*”

\$44,987 for C. Lin, MD, PhD, Department of Pathology and Laboratory for “*Real-Time Intraoperative Molecular Characterization of Glioblastoma*”

Hitchcock Foundation Scholars Award

Christopher Niemczak, AuD, Ph.D., Department of Medicine for “Speech Perception in Noise as an Improved Marker for Neurocognitive Dysfunction”

Managed by the Foundation:

228 - Advised Funds — Research and educational funds managed by the Hitchcock Foundation for departments, sections and individuals.

14 - Special Project Funds — Research funded from sources outside the Hitchcock Foundation; generally clinical studies funded by pharmaceutical, medical equipment supply companies and other corporate sources.

42 - Active Hitchcock Foundation funded grants

Residents’ Revolving Loan Fund

The Residents’ Revolving Loan Fund provides emergency loans to resident doctors while in training at DHMC.

10 outstanding loans