

2025-2026 Student Fellowship Awardees

Peter Morgane Fellowship awardees:

Student Names: Sophia Moschella, Jhanvi Puri and Brandon Asika Etuka

Project title: Fostering Empathy in the Patient-Medical Student Relationship During a 48-Hour Hospice Home Immersion: Aggregate Journal Analyses for AY 2020-2021

Mentor: Dr. Marilyn Gugliucci

Student Name: Melissa Browne

Project title: Continued Study of Radiofrequency Cauterization Thermalid™ Procedure as a Combination Treatment for Meibomian Gland Dysfunction and Conjunctivochalasis

Mentor: Dr. Edward Jaccoma

Student Name: Shelley Chen

Project title: Cannabis Usage Across U.S. States and Potential influence by State Cannabis Legalization Status

Mentor: Dr. Ling Cao

Student Names: Morgan Cheney, Sandhya Vellayappan and Suzanne Ellis

Project title: Food Insecurity in University of New England Medical Students

Mentor: Dr. Kyle Scully

Student Name: Anjanadevi Govindaraj

Project title: Effect of Antimicrobial Peptides on Antibiotic-mediated Killing of Staphylococcal Biofilms

Mentor: Dr. Kristin Burkholder

Student Name: Albert Kim

Project title: The role of Dock7 in the Osteoclast function and Bone Resorption

Mentor: Dr. Katie Becker

Student Name: Varsha Medidi

Project title: Investigating the role of NAD metabolism in Tuberous Sclerosis Complex

Mentor: Dr. Harry Filippakis

Student Name: Vishva Patel

Project title: Inhibiting MPC to suppress kidney cystogenesis in Tuberous Sclerosis Complex

Mentor: Dr. Harry Filippakis

Student Name: Tessa Peredy

Project title: Pregnancy Morbidity and Maternal Health Disparities Among Immigrant Populations in the United States

Mentor: Dr. Annekathryn Goodman

Student Names: Kevin Reale and Tyler Dentry

Project title: Learning by Living: 48 Hour Home Hospice Immersion Program

Mentor: Dr. Marilyn Gugliucci

Student Name: Carleigh Rosenberg

Project title: Targeting the Kynurenine Pathway in Tuberous Sclerosis Complex: A Novel Therapeutic Strategy to Inhibit Renal Angiomyolipoma Growth and Cystogenesis

Mentor: Dr. Harry Filippakis

Student Name: Violet Sullivan

Project title: Sex Differences in Biomechanics of Post-Traumatic Osteoarthritis of the Knee following ACL Reconstruction

Mentor: Dr. Adam Tenforde

Student Name: Vivian Tran

Project title: Developing a Landmark-Based Brain Atlas for Mapping the Parabrachial Nucleus and Trigeminal Nucleus Caudalis

Mentor: Dr. Ian Meng

Student Name: Eriks Ziedins

Project title: Studying Dyschromic Hypertrophic Scar in a Transgenic Mouse Model: Protein-level confirmation of differentially expressed genes identified by RNA sequencing

Mentor: Dr. Bonnie Carney

Carmen Pettapiece Fellowship awardees:

Student Name: Samantha Blau

Project title: The Role of Dock7 in Wnt/Beta-Catenin Signaling and Osteoblast Function

Mentor: Dr. Katie Becker

Student Name: Sarah Micucci

Project title: Evaluating the implementation of LEAP in patients undergoing major lower extremity amputation in the EMMC Department of Vascular Surgery

Mentors: Dr. Samuel Hui and Dr. Amber Murphy

Student Name: Chase Sisk

Project title: Teaching Behind Bars: Investigating Empathy Growth in Medical Students

Mentor: Dr. Kyle Scully

Student Name: Shama Varghese

Project title: Effectiveness and potential long-term impact of a social determinants of health-oriented interprofessional education program.

Mentor: Dr. Ling Cao

Student Name: Justice Picard and Michael Miller

Project title: GATHERcovery

Mentor: Dr. Selma Holden

Kahn Fellowship awardees:

Student Name: Riley Cott

Project title: Chemotherapy Regimens Influence CD4+ T Cells and Peripheral Nerve Loss in CIPN

Mentor: Dr. Diana Goode

Student Name: Marina Farag

Project title: Significance of Reorganizational Processes in the VMH on Epileptogenesis

Mentor: Dr. Russ Ferland

Student Name: James Gray

Project title: The brain bone connection and its implications in bone loss related to microgravity and other factors

Mentor: Dr. Clifford Rosen

Student Name: Kaci McLaughlin

Project title: Neuronal activity map changes in mice with forebrain-clonic compared to those with forebrain->brainstem seizures following exposure to the repeated flurothyl model

Mentor: Dr. Russ Ferland

Student Names: Luu Pham, Josef Khalifeh, Kathryn Cama Huamani and Sarah Stevens

Project title: Optimizing and Validation of Intraoperative Fresh Gas Flow and Delivered Anesthetic Concentration to Enhance Cost Efficiency and Environmental Sustainability Using Gas Man® Simulation

Mentor: Dr. Kyle Scully

Student Name: Katharina Roesse

Project title: Title: HIV Tat-induced changes in lumbar spinal cord TRAF2 expression in a mouse HIV neuropathy model

Mentor: Dr. Ling Cao

Student Name: Sabah Sabir

Project title: Using Genetic Variants identified by the Pediatric Cardiac Genomics Consortium (PCGC) to Predict Attention Outcomes (as measured by NNNS) in Neonates

Mentors: Dr. Sarah Morton and Dr. Thomas Miller

Student Name: Sarah Savoy

Project title: Labeling neurons receiving direct input from corneal primary afferents in mouse brain

Mentor: Dr. Ian Meng

Student Name: SungJin Shin

Project title: Investigation of EPG5 Missense Mutations and Their Relationship with Chronic Pain Diagnosis and Perceived Pain Intensity

Mentor: Dr. Ling Cao

Student Name: Avery Stilley

Project title: Anatomical and Histological analysis of the T3 Sympathetic Ganglion and Rami Communicantes: Optimizing Endoscopic Thoracic Sympathectomy (ETS) and Autonomic Nerve Preservation

Mentor: Dr. Joel Talsma