

2024-2025 Student Research Fellowship Recipients

Peter Morgane Fellowship Awardees and Mentors

- Pantelis Antoniou Class of 2027
Optimizing Pediatric Oncology Care: Comprehensive Interventions for Chemotherapy-Induced Peripheral Neuropathy (CIPN) in Pediatric Cancer Patients
Mentor: Dr. Ling Cao
- Kaitlyn Belknap Class of 2026
Fatty Acid Binding Proteins Influence on the Bone Marrow and Spleen Microenvironment in Murine Models
Mentor: Dr. Michaela Reagan
- Canonico Dalton Class of 2027
Lumbar spinal cord expression of Tollip and pIRAK1 in iTat mice, a model of HIV-associated peripheral neuropathy
Mentor: Dr. Ling Cao
- Emily Caron Class of 2025
Connections Clinic: A Bridge Program Within the Preble Street Learning Collaborative
Mentor: Dr. Emily Follo
- Jonathan Chong Class of 2027
Utilizing Machine Learning For the Recognition of Patterns in Ongoing and Breakthrough Cancer Pain
Mentor: Dr. Tamara King
- Lindsey Gray Class of 2027
Immune Cell Profiles and Metabolic Differences in Low-Gainer and High-Gainer High Fat Diet-Fed Mice
Mentor: Dr. Clifford Rosen
- Darshana Hari Class of 2027
Age-Related Changes To Blood Pressure Regulation and Subclinical Cardiovascular Impairment – A Retrospective Data Analysis from the UK Biobank
Mentor: Dr. Yuan Ma
- Tsunagu Ichikawa Class of 2026
Role of Muscle-Derived Irisin in Synovial Joint Health and Osteoarthritis
Mentor: Dr. Eben Estell

- David Karpe Class of 2027
Cardiac Neural Crest Cells and Irf8 Mouse Mutants in Myocardial Development
Mentor: Dr. Kerry Tucker
- Maggie Loiseau Class of 2027
Bacterial Metabolic Signaling Drives Neutrophil Responses in Infected Airways
Mentor: Dr. Lael Yonker
- Emma Madigan; Kathleen McLaughlin Class of 2026
Identity and Inclusive Sex Education Information: Ascertaining What Parents of LGBTQ+ Youth Want to Know (Pilot Study)
Mentor: Dr. Marilyn Gugliucci
- Mortada Najem Class of 2027
Effects of core exercises on spine stabilizing musculature in a healthy adult population
Mentor: Dr. Michael Lawrence
- Vincent Nguyen Class of 2027
Analysis of Maladaptive Behaviors in Relation to Pain and Illness in Minimally Verbal Individuals with Disabilities
Mentor: Dr. Johanna Lantz
- Penhleakheha Ou Class of 2027
Characteristics of chronic pain across demographics and SDOH in Maine
Mentor: Dr. Ling Cao
- Isaac Peacock Class of 2025
Can Medical Students Learn to Code?
Mentor: Dr. Frank Bailey
- Ariana Pitaro Class of 2027
Effect of Conditioning Stimulus Type on Pain Inhibition in Knee Osteoarthritis
Mentor: Dr. Katherine Rudolph
- Soumya Sabbella Class of 2025
Branching Pattern Variations of Intercostal Nerves 8-10: A Cadaveric Dissection Study with Implications for Slipping Rib Syndrome
Mentor: Dr. Joel Talsma
- Christopher Shakespeare Class of 2027
Rhode Island Pre-Hospital Cardiac Arrest Outcomes Record Dataset (RIPCARD): Examining the Impact of a 30-minute Scene Resuscitation Protocol on Functional Outcomes in Out-Of-Hospital Cardiac Arrest in Rhode Island
Mentor: Dr. Nicholas Asselin

- Ashley Walter Class of 2027
Investigating the Role of the Saphenous Nerve in Innervating the Proximal Tibia
Mentor: Dr. Katie Becker
- Aliza Wolfe Class of 2025
Delivery Outcomes in Limited English Proficiency Patients Compared to English Speaking Patients
Mentor: Dr. Andrea Bodine

Kahn Scholars Fellowship Awardees and Mentors

- Julia Baracewicz Class of 2027
Investigating the Role of the Saphenous Nerve in Tibial Fracture Healing
Mentor: Dr. Katie Becker
- Ashley Bartlett Class of 2027
CELF4 on Density of Nociceptive Free Nerve Endings in Cutaneous Tissue of Mice
Mentor: Dr. Benjamin Harrison
- Caeli Beecher Class of 2027
Does Parasympathetic Drive influence pain modulation over and above Psychosocial Measures in people with chronic pain?
Mentor: Dr. Katherine Rudolph
- Paul Donnelly Class of 2027
Multiplex Analysis of Cytokine Expression in Tat-induced Mice
Mentor: Dr. Ling Cao
- SreeLakshmi Gurrula Class of 2027
Differences in Synovial Growth Factor Between Sexes Contributing to Pain
Mentor: Dr. Tamara King
- Alison Guzzetti and Peter Giunta Class of 2026
Exploring Sex Differences in Osteoarthritis-Induced Changes in Immune Cell Populations within the Synovial Fluid of Rats with Mid-stage or Advanced OA Pain.
Mentors: Dr. Tamara King and Dr. Diane Goode
- Melisa Joseph Class of 2026
Unraveling the Molecular Dynamics of Pain by Investigating Mitochondrial Uncouplers' Effects on Human Dorsal Root Ganglion Neurons
Mentor: Dr. Derek Molliver
- Matthew Magyar-Ng Class of 2027
Loss of Enrichment Induces Satellite Glial Cell Activation and Macrophage Infiltration in Dorsal Root Ganglia after Ischemia with Reperfusion Injury.
Mentor: Dr. Luis Queme

- Henry Ortiz Class of 2027
Dosing Noxious Electrical Stimulation in Healthy Individuals for Pain Modulation
Mentor: Dr. Scott Stackhouse
- Vasiliki Patsiogiannis Class of 2027
Military Exposure to Trichloroethylene and Risk of Parkinson's Disease: Beyond Camp Lejeune
Mentor: Dr. Alexandra Filippakis