

2022 HTRS Student Research Award



Samuel A.P. Short

University of Vermont
Larner College of Medicine

Project Title

"Improving Stroke Risk Prediction in Atrial Fibrillation: Refinement of CHA2DS2-VASc Score with Novel Biomarkers of Stroke Risk."

Mentor

Mary Cushman, MD MSc

Sam Short is a fourth-year medical student at the University of Vermont Larner College of Medicine in Burlington, VT. He grew up in Mukilteo, WA, and attended Amherst College where he studied neuroscience and music. Striving to pursue a career in academic hematology and epidemiology, he is particularly interested in predictive biomarkers of cardiovascular outcomes, which he is grateful to explore further with the support of a 2022 HTRS Student Research Award. Together with his mentor Dr. Mary Cushman, he will assess whether multiple blood biomarkers associated with ischemic stroke risk may improve the prediction of stroke risk for individuals with atrial fibrillation. He hopes this research may reveal additional insights into stroke modeling for this high-risk population and that future efforts may improve patient care.