



**Supported by an independent medical educational grant from Takeda**

## **HTRS 2020 Mentored Research Award Recipient**



**Damon E. Houghton, MD, MSc, Assistant Professor  
Mayo Clinic**

**Mentor: Waldemar Wysokinski, MD, PhD | Co-Mentor: Matthew Urban, PhD**

**Project Title: “The relationship between deep venous thrombus characteristics and venous dynamics with subsequent thrombus resolution and post-thrombotic syndrome”**

Dr. Damon Houghton is an Assistant Professor of Medicine at Mayo Clinic in the Department of Cardiovascular Diseases, Division of Vascular Medicine, and Department of Internal Medicine, Division of Hematology/Oncology. He obtained his MD from the University of North Carolina (UNC) Chapel Hill, completed Internal Medicine residency at the University of Vermont, and a Hematology fellowship at UNC Chapel Hill. During this time he also obtained a Master’s of Science in Clinical Research. After this training he completed a Vascular Medicine fellowship at Mayo Clinic. In this mentored research award, Dr. Houghton will use ultrasound shear wave elastography to examine in-vivo thrombus characteristics in patients with acute deep vein thrombosis (DVT) while examining venous hemodynamics and coagulation biomarkers. The goal of this study will be to examine initial feasibility of using SWE as an imaging biomarker in acute DVT with the ultimate goal of better understanding thrombus resolution and predicting risk for developing post-thrombotic syndrome.