

Position Overview: The Surgery Research division eagerly seeks highly motivated individuals with MD, PhD, or equivalent degree (or currently enrolled in a relevant program with a strong interest in research). This position is ideal for individuals looking to gain significant experience in clinical research, enhance their academic profile, and prepare for future careers in surgery or outcomes research. Candidates should have broad experience in health's outcomes research and clinical trials. Candidates should have proficiency in statistical software, specifically R, SAS, SPSS, Stata and parallel processing of large datasets. Preference for prior experience with biomechanics of biologic tissue and/or functional imaging of tissues techniques such as MRI and ultrasound.

Key Responsibilities:

Clinical Trial Coordination:

- Assist with the identification, screening, and recruitment of eligible patients for various vascular surgery clinical trials.
- Ensure strict adherence to study protocols, Good Clinical Practice (GCP) guidelines, and regulatory requirements.
- Facilitate Institutional Review Board (IRB) submissions, amendments, and renewals.
- Coordinate study visits, data collection, and follow-up appointments.
- Collaborate closely with principal investigators, research nurses, and other study personnel.

Health Outcomes Research:

- Participate in the design and execution of health outcomes research studies, focusing on vascular surgical interventions and patient care.
- Conduct comprehensive literature reviews to inform research questions and methodologies.
- Perform data extraction, management, and statistical analysis using appropriate software (e.g., R, SAS, SPSS, Stata).
- Contribute to the interpretation of research findings and their clinical implications.
- Prepare manuscripts for peer-reviewed publication and abstracts for presentation at national and international conferences.
- Present research findings at departmental meetings and other academic forums.