

BME Postdoctoral Fellow - Cardiovascular Medicine

Posting Details

Position Details

Title	BME Postdoctoral Fellow - Cardiovascular Medicine
Specific Title	
Appointment Type	Postdoctoral Fellow
Department	IUSM - Cardiovascular Medicine
Campus	IU School of Medicine Indianapolis
Position Summary	A postdoctoral position is available late summer of 2025 in the laboratory of Dr. Thomas Everett at Indiana University Indianapolis to investigate the cardiovascular effects of altered autonomic tone within various clinical applications. This emerging new area of research focuses on understanding the role of nerve activity on physiological events. This includes signal processing and both time-series and frequency domain analysis of physiological recordings including ECG and nerve recordings. This data is used to investigate the cardiovascular effects of altered vagal tone and sympathetic nerve activity. The postdoctoral candidate would be involved in: • Data analysis and presentation of original work at regional, national, and international platforms. • Manuscript preparation and publication of original work in high impact peer-reviewed journals. • Grant preparation and submissions to intramural and extramural funding agencies. IUSM is committed to being a welcoming campus community and we seek candidates whose research, teaching, and community engagement efforts contribute to robust learning and working environments for all students, staff, and faculty. We invite individuals who will join us in our mission to improve health equity and well-being for all throughout the state of Indiana.

Basic Qualifications	• Ph.D. or terminal degree in biomedical engineering or related field. • Experience in Python code, Matlab, and LabChart. • Knowledge of cardiovascular physiology.
Department Contact for Questions	Miranda Lockwood, SHRM-CP Human Resources Business Partner mjlockwo@iu.edu
Additional Qualifications	• Experience with machine learning and AI models. • Ability to communicate clearly with colleagues, • Data presentations • Scientific publication experience

Special Instructions**Priority Application Review Deadline****Expected Start Date** 07/14/2025**Posting Number** IUSM-02209-2025

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * How did you hear about this position?
 - o Personal Contact: At Professional Meeting or Conference
 - o Personal Contact: Direct Contact by Search Committee
 - o Personal Contact: Referred by colleague or advisor
 - o Personal Contact: School of Medicine recruiter
 - o Personal Contact: IUHP Physician Recruiter
 - o Announcement: Other Journal or Magazine
 - o Announcement: Other Website
 2. * Are you a dual career partner (your partner or spouse is already being recruited)?
 - o Yes
 - o No
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Applicant Documents

Required Documents

1. Curriculum Vitae

Optional Documents

1. Letter of Application
2. List Of References
3. Letter of Reference 1
4. Letter of Reference 2
5. Letter of Reference 3
6. Research Paper 1
7. Research Paper 2
8. Research Paper 3
9. Transcript