



UNIVERSITY of SOUTH FLORIDA

Ph.D. Student Openings in Mechanical/Biomedical Engineering at the University of South Florida

The Biofluid & Biosolid Modeling (BFBSM) Lab in the Department of Mechanical Engineering at the University of South Florida has **two openings** for PhD students in Fall 2020. Candidate who has a background in computational fluid dynamics, computational solid mechanics, or cardiovascular biomechanics are highly encouraged to apply. The candidate with programming and coding experience is a plus. Stipend is available to cover both tuition and living expenses. All applicants must satisfy USF graduate program admission requirements (<https://www.usf.edu/admissions/graduate/index.aspx>). Interested candidates should send a cover letter describing how the position is aligned with his or her research interests and background, a detailed CV, and transcripts to Dr. Wenbin Mao at wmao@usf.edu.

The BFBSM Lab is working at the intersection of fluid mechanics and biomechanics, and focusing on the development of computational models that address the complex fluid-structure interaction (FSI) problems related to biomedical applications, such as biomechanics underlying cardiovascular diseases, cell dynamics in microfluidics and circulation, and the interactions between blood-contacting medical devices and host tissues. For more information, visit <http://bfbsm.eng.usf.edu/>.

Located in sunny Tampa, FL, the University of South Florida is one of three Preeminent State Research Universities in the state of Florida and is ranked 25th in the nation among public universities in annual research expenditures (NSF). Further, Tampa is the nation's second fastest-growing tech hub, and USF ranks 7th in the nation among public universities for granted U.S. patent.

Please contact us if you are interested!

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