

Two postdoctoral research positions University of Maryland, Baltimore

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Job Title	Two postdoctoral research positions
Department	Surgery http://www.medschool.umaryland.edu/Lung-Healing-Program/Program-in-Lung-Healing-Research/
Institution	University of Maryland, Baltimore Baltimore, Maryland
Date Posted	Mar. 13, 2018
Application Deadline	open until filled
Position Start Date	Jun. 1, 2018
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Bioengineering (all Bio-related fields) Engineering - Other
Apply By Email	jfzhang@som.umaryland.edu

Job Description

The Artificial Organs Laboratory at the Department of Surgery of the University of Maryland Baltimore seeks highly motivated individuals for two postdoctoral research positions in the following areas: blood compatibility and design/development of blood contacting medical devices.

The lab is conducting applied cardiovascular research, engaged in research and development of blood-contacting artificial organs and biologic responses to these devices. The research activities are carried within a multidisciplinary research and design team consisting of clinicians, surgeons, scientists, engineers, residents, and students.

The applicants are expected to have a PhD degree in bioengineering, biomedical engineering, mechanical engineering, biology or relevant disciplines. The ideal candidates are preferred to have experience in the areas of biomechanics, blood cell mechanics, mathematical modeling,

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computational/numerical methods, morphological and functional analysis of blood cells. Applicants should send a letter containing a brief research statement of interest, a curriculum vitae and complete contact information for three references to Dr. Jiafeng Zhang at the address below.

The University of Maryland, Baltimore is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Jiafeng Zhang
Surgery
University of Maryland, Baltimore
10 S. Pine Street
Baltimore, MD 21201

Phone Number 410-706-4549

Contact E-mail jfzhang@som.umaryland.edu