

Two postdoctoral research positions  
University of Maryland, Baltimore

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

**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](mailto:jfzhang@som.umaryland.edu)