

Graduate Assistant and Postdoctoral Associate in the  
Laboratory of Biocolloids and Biointerfaces  
University of Hawaii at Manoa

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Posted Feb. 28, 2024, set to expire Jun. 29, 2024

<b>Job Title</b>	Graduate Assistant and Postdoctoral Associate in the Laboratory of Biocolloids and Biointerfaces
<b>Department</b>	Mechanical Engineering
<b>Institution</b>	University of Hawaii at Manoa Honolulu, Hawaii
<b>Date Posted</b>	Feb. 28, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student Post-Doc
<b>Academic Field(s)</b>	Engineering Physics Chemical/Petroleum Bioengineering (all Bio-related fields) Mechanical Engineering
<b>Job Website</b>	<a href="https://www2.hawaii.edu/~yzuo/openings.html">https://www2.hawaii.edu/~yzuo/openings.html</a>
<b>Apply By Email</b>	<a href="mailto:yzuo@hawaii.edu">yzuo@hawaii.edu</a>
<b>Job Description</b>	

We are recruiting responsible and self-motivated graduate students and postdoctoral associates who are interested in experimental research at the interface of engineering, physical chemistry, nanotechnology, medical sciences, and biophysics. The appointment starts in **August 2024**. For the graduate assistants, preference will be given to MS students who apply for a PhD program or BS students who are interested in a direct PhD program.

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Founded in 1907, the University of Hawaii at Manoa (UHM) is the flagship campus of the University of Hawaii System. The UHM is classified as “R1: Doctoral Universities with Very High Research Activity”. Our *Laboratory of Biocolloids and Biointerfaces* is a world-leading laboratory in the biophysical study of biomembranes, physical chemistry of self-assembly and nanotechnology, and the development of advanced surface tension and contact angle measurement technologies. You may visit our website <http://www2.hawaii.edu/~yzuo/> for more information.

We welcome interested students from all backgrounds of Engineering, Chemistry, and Biology to apply. Although we are in the Department of Mechanical Engineering, our research is mainly on **physical chemistry, specifically on colloid and surface sciences**, with interdisciplinary applications to biomedical engineering, nanotechnology, and environmental science. We are also working on instrumentation, including both software and hardware development. Hence, students with the background of mechatronics, thermofluids, and mechanical engineering are also welcome to apply. All of our past group members have published multiple papers, and most of them have successfully moved onto academic positions.

We offer a generous stipend sufficient to cover all living costs in Honolulu, Hawaii. In addition, graduate students will receive a full tuition waiver together with our offer.

Please contact Prof. Yi Zuo directly ([yzuo@hawaii.edu](mailto:yzuo@hawaii.edu)) for further information. With a minimum, please send your transcripts and CV for consideration. Thanks for your interest.

### Contact Information

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

**Contact**     Yi Zuo  
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