

Post Doc
Indiana University - Purdue University, Indianapolis

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Posted Feb. 23, 2024, set to expire Jun. 24, 2024

Job Title	Post Doc
Department	Mechanical Engineering https://et.iupui.edu/departments/mee/
Institution	Indiana University - Purdue University, Indianapolis Indianapolis, Indiana
Date Posted	Feb. 23, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Bioengineering (all Bio-related fields) Mechanical Engineering

Apply By Email

Job Description

Postdoctoral Research Position in Orthodontic Biomechanics

An NIH-funded postdoctoral research position is immediately available at Purdue University Indianapolis. My lab is developing new technologies to accelerate orthodontic tooth movement. Research tasks include finite element analysis, instrumentation design, animal experiment, and CT image analysis. The postdoctoral scholar will also be expected to coordinate with a multidisciplinary team, including engineers, biologist, statistician, and dentists.

Qualifications: Before starting the position, applicants should have completed a PhD in mechanical, biomedical engineering, or a related field, preferably with a concentration in biomechanics. A highly motivated candidate with an experimental background, a strong publication record, and knowledge of biological systems is preferred. Good written and verbal communication skills is required. Applicants will be expected to integrate into a multidisciplinary biomechanical/biomedical engineering laboratory

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comprised of faculty, postdocs, graduate students and undergraduate students.

The Dental Biomechanics lab: Dr. Jie Chen's lab is located close to Indianapolis downtown. Dr. Chen is a member of the Indiana Center for Musculoskeletal Health, which brings together large and diverse group of 40+ musculoskeletal researchers and organizes a weekly journal club, external seminar speakers, and a number of educational/career development opportunities.

Application Process: Please email your letter of application, CV, including the names and contact information of three references, to Dr. Jie Chen at jchen3@iupui.edu. Review of applications will begin immediately and proceed until the position is filled.

EEO/AA Policy

As the state's premier urban research institution, IUPUI is committed to being a welcoming campus community that reflects and enacts the values of diversity, equity and inclusion that inform academic excellence.

Contact Information

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

Contact Jie Chen
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