



IUPUI

## DEPARTMENT OF BIOMEDICAL ENGINEERING

SCHOOL OF ENGINEERING AND TECHNOLOGY

Indiana University–Purdue University  
Indianapolis



### **Postdoctoral position(s) available immediately to study mechanisms of fracture, treatments for bone deficiencies in diabetes and/or chronic kidney disease**

The Bone Biology and Mechanics Lab, under the direction of Dr. Joseph Wallace, is hiring postdoctoral researchers to work in basic and translational studies looking at novel ways to treat bone disease and fracture through modifications of bone matrix quality and quantity. The lab is actively funded by the NIH, NSF, and VA and several possible projects are available. Highly motivated individuals with a PhD in Biomedical Engineering, Materials Science and Engineering, or related fields are encouraged to apply. A background in bone mechanics and mechanobiology or other techniques related to bone and mineral research is desirable. Candidates with experience handling laboratory animals are preferred, but these skills are not required.

The BBML, in the Department of Biomedical Engineering at IUPUI, is centrally located on campus with the IU School of Medicine and the Indiana Center for Musculoskeletal Health (ICMH), within a 1-mile radius of 5 distinct medical centers. In July of 2024, the lab will become a part of the Weldon School of Biomedical Engineering at Purdue University, as Purdue extends its West Lafayette campus into Indianapolis.

If you are interested in working at the intersection of engineering and medicine, please send a CV, cover letter, and names of three references to Dr. Wallace ([jmwalla@iupui.edu](mailto:jmwalla@iupui.edu)) and check out our website for more information about specific projects (<https://bbml.et.iupui.edu/research.html>).

#### **Joseph Wallace, Ph.D.**

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Professor and Chair, Department of Biomedical Engineering, IUPUI  
Professor (Adjunct), Department of Orthopaedic Surgery, IU School of Medicine