

## POSTDOCTORAL POSITION IN BIOMECHANICS and RADIOLOGY

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The Biomechanics and Radiology Group at UCSF has an opening for a **postdoctoral position starting as soon as possible**. Qualifications should include a Ph.D. in mechanics of materials or mechanical/structural engineering (see below for qualifications).

**ENVIRONMENT:** Interdisciplinary team members: physical therapists, radiologists, bioengineers, materials scientists, physical therapists, orthopedic surgeons from UCSF Schools of Medicine and Dentistry, UC San Francisco; physicists and materials scientists from UC Berkeley, and UC Davis

### QUALIFICATIONS:

- **Ph.D. in biomechanics, and mechanics of materials or mechanical/structural engineering**
- **Experience in Finite element methods, Computed tomography, Digital volume correlation techniques, Computer science, Artificial Intelligence, Machine Learning and Experimental mechanics**
- To leverage technology and address challenging **interdisciplinary** questions
- **Experience in machine learning is preferred**
- Excellent organization, communication (oral and writing skills) and interpersonal skills (needed to work as a collaborative team member); self-motivated with good time management skills
- Ability to work with large and complex databases
- Work independently yet being a strong team member; able to prioritize multiple tasks and competing priorities; demonstrate excellence in reliability and attendance.

UC San Francisco seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status.

**Please apply online at <https://aprecruit.ucsf.edu>**