



Postdoctoral Research Positions – Computational Medical Imaging

We are seeking two outstanding postdoctoral researchers to join our group at the **University of California, Davis**, in the field of computational imaging science. This is an opportunity to engage in intellectually rigorous and delightfully challenging work at the interface of imaging physics, computational science, and preclinical and clinical medicine. You will be working on projects that span medical image processing, kinetic modelling, machine learning and novel approaches for the visualization and interpretation of multimodal complex datasets across systemic, musculoskeletal, and neurological diseases.

Who should apply?

- Researchers with a Ph.D. in engineering, computer science, or medical physics
- A strong record of first-author publications
- Practical experience in medical image segmentation and registration, machine learning, PET and MRI kinetic modeling and reconstruction, inverse problems, or atlas-based methods
- A collaborative disposition, keen to interact with colleagues ranging from radiologists and neurologists to engineers and computational scientists

What we offer

- An outstanding multidisciplinary training and mentoring program designed to accelerate your career development and independence
- Access to cutting-edge PET and MRI systems, including total-body imaging capabilities and high-performance computing infrastructure
- A highly interdisciplinary environment: collaborations across the Center for Molecular and Genomic Imaging, Imaging Research Center, CounterACT Center, Cancer Center, Primate Center, and multiple departments
- A superb location in Northern California, with abundance of fresh produce, vibrant farmers' markets, and active outdoor lifestyle

 To apply, please email **Dr Abhijit J. Chaudhari** (ajchaudhari@ucdavis.edu) with a CV and contact details for two referees, using the subject "Postdoctoral Position in Medical Imaging." Further information about our group can be found here: <https://chaudharilab.faculty.ucdavis.edu/>.