The Postdoctoral Fellow will work with team members of the Breast Imaging Research Program (BIRP) in the Department of Radiology and Biomedical Imaging on breast MRI analysis. In particular, the Postdoctoral Fellow will assist the Principal Investigator, Dr. Wen Li and will be co-mentored by Dr. Nola Hylton, the Director of the BIRP. The position is funded 50% by the NIH/NCI R01 grant entitled: “Strategy for combining circulating tumor DNA (ctDNA) and magnetic resonance imaging (MRI) of tumor burden for prediction of response and outcome in neoadjuvant-treated early breast cancer” (R01CA255442; PIs L. van’t Veer, M. Magbanua, W. Li) and 50% by the BOP grant entitled: “Diffusion-weighted MRI and circulating tumor DNA in assessing early immunotherapy response in high-risk breast cancer” (PI: W. Li).

The main duties are imaging data monitoring and management, data analysis for MRI predictive modeling, and collaborative research with the Breast Cancer Biomarkers lab at the Helen Diller Family Comprehensive Cancer Center (HDFCCC) on projects integrating MRI quantitative markers with liquid biopsy markers for breast cancer treatment assessment. The postdoctoral fellow will also work on image quality monitoring, assessment, and standardization for diffusion-weighted MRI (DWI) to develop DWI biomarkers for treatment response in early breast cancer. Duties assigned to this title include but are not limited to organizing and implementing research plans, managing data collection, analysis and evaluation of predictive models, development of methods to fulfill the proposed goal in the funded projects above. The Postdoctoral Fellow is also responsible for publishing research findings in scientific journals and presenting his/her work in scientific meetings, regional and/or international.

**Job Requirements:**
A doctoral degree in the biomedical engineering or related field. Medical imaging or image processing research experience preferred.

**How to Apply:**
Please email Wen Li CV, cover letter, reference at Wen.Li@ucsf.edu.

**Location:**
San Francisco
Greater Bay Area
Peninsula
California