

Job Title: Postdoctoral position for multimodal imaging and image guided radiation research

Position Summary and Key Responsibilities

We are looking for a highly motivated and well-organized research associate for multimodal imaging and image guided radiation research projects (e.g. Total marrow irradiation (TMI), image guided targeted therapy) within the Department of Radiation Oncology (Hui laboratory), Beckman Research Institute, City of Hope. This is a part of the NIH (National Institute of Health) funded research for developing a total marrow irradiation program. The successful candidate will participate investigating *pre-clinical imaging (fluorescent optical imaging, PET/CT; MRI imaging) and radiation research* through various multi-disciplinary and translational approaches. The successful candidate will also participate investigating *clinical imaging (PET/CT and MRI imaging) and TMI research*. With strong support from the department chair, one of the main goals is to foster translational and correlative studies to bridge basic science and clinical trials.

REQUIRED QUALIFICATIONS (MUST be mentioned on application/resume):

1. PhD in physics or engineering, preferably medical imaging.
2. Experience with multi-modal imaging such as Optical, PET, MRI (preclinical and clinical)
3. Experience with instrumentation, image reconstruction, and image analysis
4. Experience with radiation research.

About City of Hope

City of Hope, an innovative biomedical research, treatment and educational institution with over 4000 employees, is dedicated to the prevention and cure of cancer and other life-threatening diseases and guided by a compassionate, patient-centered philosophy. Founded in 1913 and headquartered in Duarte, California, City of Hope is a remarkable non-profit institution, where compassion and advanced care go hand-in-hand with excellence in clinical and scientific research. City of Hope is a National Cancer Institute designated Comprehensive Cancer Center and a founding member of the National Comprehensive Cancer Network, an alliance of the nation's 20 leading cancer centers that develops and institutes standards of care for cancer treatment.

City of Hope strongly supports and values the uniqueness of all individuals and promotes a work environment where diversity is embraced. Equal Opportunity / Affirmative Action Employer.

Contacts:

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Employment type

Full-time

Experience

Minimum 2 years of experience in the field

Job function

Research

Period

Up to 3 years with yearly evaluation of extension based on work progress

Contact:

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Job application submission link

https://aa067.taleo.net/careersection/ex/jobdetail.ftl?job=10006197&lang=en&sns_id=mailto#.Xn6JxUNqaOs.mailto