Position Type: Postdoctoral Fellow Translational Science Position - Cancer and Health Disparities

Position Description: The Simone Laboratory in the Radiation Oncology Department at Thomas Jefferson University Hospital in Philadelphia, PA is seeking an outstanding post-doctoral fellow to work in the area of cancer, health disparities and radiation biology. This position will focus on understanding the molecular underpinnings of the disparate cancer treatment populations. This will focus on preclinical models and also analysis of clinical trial samples. Our laboratory is translational and has significant experience taking our preclinical findings to the clinic and anticipate the findings here to build our next clinical trial experience. This NIH funded work will focus on using dietary interventions to decrease health disparities across models.

Experience Required: The candidate must be highly motivated, independent and interested in our projects. The candidate must have PhD in molecular biology, cell biology or a cancer related field. Although not absolutely necessary, the ideal candidate will preferably have some experience with microarray analysis, RT-PCR, flow cytometry for immune markers, mouse husbandry, in vivo tumor experiments, microRNA and radiation biology are also a plus. A strong desire to work in the field of health disparities is a plus. The successful candidate will of course have mentoring so that career goals can be achieved, but must be able to independently generate hypotheses, design experiments to test the hypothesis, performs routine and more difficult procedures, analyze data and coherently present results in the form of presentations, abstracts, manuscripts and the basis for grant writing, preparation and submission. In addition, qualified candidates should have strong verbal and written communication skills, and a demonstrated record of scientific achievement through peer-reviewed publications. Successful, well-motivated candidates will join a highly interactive, interdisciplinary team of researchers with diverse backgrounds and expertise in a collaborative scientific environment. Preference will be given to individuals with these skill sets who are now completing their thesis work and have at least one high-impact publication.

Additional Information: Please send a cover letter, curriculum vitae with full bibliography and a statement of research interests to: www.jefferson.edu/hr and reference job id # 9255600. http://www.jefferson.edu/university/jmc/departments/radiation_oncology/faculty/simone.html

Candidates may be U.S. citizens, resident aliens, or nonresident aliens. Thomas Jefferson University Hospital is an Equal Employment Opportunity and Affirmative Action employer that values and fosters diversity throughout the entire organization.