

Obesity, Physical Activity, Nutrition Research Assistant / Associate / Full Professor

THE UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER is expanding research initiatives in obesity, physical activity, and nutrition as it relates to cancer. We are accepting application for an open rank, term tenure or term tenure track faculty position in the Division of Cancer Prevention and Population Science. The successful candidate for this position will participate actively in the Center for Energy Balance in Cancer Prevention and Survivorship (<http://www.mdanderson.org/energybalance>), a transdisciplinary center that facilitates and conducts state-of-the-science research to understand the relationships between physical activity, nutrition, obesity, and cancer, and uses this knowledge to optimize interventions to decrease cancer risk and improve cancer outcomes. Center members comprise a diverse group of collaborators that includes clinical researchers, basic scientists, and population scientists with research interests that span the cancer prevention continuum. Examples of ongoing research among center members include testing of mHealth interventions for weight loss and increasing physical activity; effects of diet on the gut microbiome; exercise and tumor vascularization; intermittent fasting and cancer-related side effects; high intensity interval training in women at high risk of breast cancer; dyadic interventions to increase physical activity; effect of obesity on transcriptomic changes in ER+ breast cancer; high sugar diet and carcinogenesis; association among genetics, metabolomics and clinical endpoints; and understanding how cellular energetics affect cancer progression.

We are interested in recruiting a faculty member in basic, translational, clinical, or population science. Investigators with expertise in physical activity, nutrition, obesity, or metabolic disease who would like to refocus their research on cancer are welcome to apply. Possible areas of research include, but are not limited to:

- Weight loss, nutrition, physical activity trials and/or studies to test novel interventions, novel methods of assessment and investigate mechanisms underlying behavior change, weight loss and weight regain
- Muscle and adipose tissue physiology and sleep/circadian biology related to weight loss and exercise interventions
- Physiologic effects of exercise/diet/weight change and their impact on cancer-related biomarkers and outcomes
- Dissemination/ implementation and health disparities research related to energy balance and weight loss interventions in clinical or community populations

Applicants should have a PhD, ScD, MD or equivalent degree. Applicants at Associate/Full Professor should have an established research program and a track record of relevant research funding.

MD Anderson Cancer Center is the leading cancer center in the country, and is located within the Texas Medical Center, the largest medical center in the world. Houston is a dynamic, multicultural city with a very affordable cost of living. MD Anderson provides rich opportunities for multidisciplinary research in laboratory, community-based, and clinical settings. Salary is competitive and commensurate with experience. MD Anderson offers generous start-up packages, with lab space for basic scientists, and excellent benefits. Researchers doing energy balance research at MD Anderson benefit from shared resources including an exercise and body composition assessment laboratory, a research kitchen, and a shared resource which assists investigators with development of eHealth interventions and computer-aided assessments, as well as all of the shared resources of the Cancer Center. The Center for Energy Balance is supported by the Duncan Family Institute for Cancer Prevention and Risk Assessment, located within the Division of Cancer Prevention and Population Science. The faculty member will be appointed in the department within the Division that matches their area of expertise. The Division has five departments: Behavioral Science, Clinical Cancer Prevention, Epidemiology, Health Disparities Research and Health Services Research.

To apply, email a cover letter outlining the relevance of research experience and interests, brief statement of current and proposed research plan, curriculum vitae, and the names and addresses of five references to: Leticia Gatus, DrPH, MPH, Program Manager, Department of Behavioral Science, Email: LAGatus@mdanderson.org. Applications will be reviewed beginning 4/1/18.

MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, religion, age, national origin, sex, sexual orientation, gender identity/expression, disability, veteran status, genetic information, or any other basis protected by federal, state, or local laws, unless such distinction is required by law. All positions at The University of Texas MD Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free environment