Translational Physiology Doctoral Position at Oregon State University

The Translational Metabolism Research Laboratory (TMRL) at Oregon State University is seeking exceptional candidates for a fully funded doctoral training position beginning September of 2019. The TMRL is dedicated to the investigation of human metabolic diseases for the purpose of improving human health. Our aim is to elucidate mechanisms of skeletal muscle insulin resistance and the mechanisms underlying the improvement in skeletal muscle insulin sensitivity after exercise, focusing primarily on the role(s) of intramuscular lipids, protein turnover and mitochondrial function. Studies in the TMRL range from cells and other model systems to human participants in a clinical setting. The laboratory is co-directed by Sean Newsom, Ph.D. and Matthew Robinson, Ph.D. Prospective applicants should have a strong desire to learn innovative metabolic research techniques and be seeking training that will prepare them for an independent career in biomedical research. Applicants may pursue training as part of either the Kinesiology or Nutrition program. The successful applicant will be co-mentored by Drs. Newsom and Robinson and provided an assistantship that includes a competitive stipend and health coverage benefits.

The TMRL is housed within the School of Biological and Population Health Sciences, one of two Schools that comprise the College of Public Health and Human Sciences at Oregon State University. The TMRL operates from ~1000 sq ft of newly remodeled BSL2 laboratory space outfitted with new laboratory equipment. Clinical visits are accomplished in cooperation with the recently opened, state-of-the-art Samaritan Athletic Medicine Center located on campus. The TMRL exists in a rich intellectual and collaborative environment including NIH-funded researchers across a broad range of areas (e.g. molecular nutrition, bone physiology, mass spectrometry, epidemiology and biostatistics). Further information regarding the TMRL can be found by visiting health.oregonstate.edu/tmrl

Oregon State University is located in Corvallis, OR, a vibrant community in the heart of the Willamette Valley. Corvallis is routinely recognized as a top college town, known for its abundant outdoor recreation opportunities and proximity to the Pacific coast, the Cascade Range and Portland. More information about Oregon State University can be found at oregonstate.edu/about

Qualified candidates should hold a M.S. degree (or expect graduation prior to September 2019) in Kinesiology, Exercise Physiology, Physiology, Nutrition, Biology or related field. Strongly preferred skills include applied clinical research (phlebotomy, maximal aerobic exercise testing with electrocardiography and blood pressure assessment), experience with model systems (mouse handling and tissue dissection, cell/tissue culture) and/or laboratory skills (immunoblotting, PCR, microscopy).

Prospective applicants are strongly encouraged to contact Drs. Newsom and Robinson prior to applying. Program information and application instructions for both the Kinesiology and Nutrition can be found by visiting health.oregonstate.edu/degrees

Applications should be submitted by December 15, 2018 to receive full consideration.

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