POSITION ANNOUNCEMENT: GRADUATE RESEARCH ASSISTANTSHIP  
Department of Nutritional Sciences  
Oklahoma State University

Position Title: Graduate Research Assistantship (doctoral level preferred)

We are recruiting TWO graduate research assistants to a productive laboratory environment working on projects designed to study bioactive food components and the metabolism in the nutrient-gene interaction. Ongoing studies are focused on exploring the roles of dietary bioactives and metabolites on natural killer cells activation, local and systemic immune responses, and their eventual roles in the development of obesity, diabetes, and influenza viral pneumonia. These projects utilize animal models and cell culture systems, and require basic cellular and molecular laboratory techniques such as Omics, fluorescence-activated cell sorting (FACS), protein assays (Western blot and immunohistochemistry), qRT-PCR, and CRISPR/Cas9 technology. Ideally, we are looking for candidates who could begin their graduate studies and work on the projects no later than August 2018. The position requirements are listed below:

Position Requirements:

- Strong motivation to become an independent researcher
- Earned master’s degree in nutrition or related field, or earned bachelor’s degree with extensive undergraduate research experience in life science
- Laboratory-based research experience with skills in cell culture, basic cellular and molecular assays
- Some experience in data analysis and management (e.g., SPSS, SAS, Excel)
- Effective writing and oral communication skills

OSU Department of Nutritional Sciences Laboratories: The Department of Nutritional Sciences is housed within the College of Human Sciences at Oklahoma State University. The department’s main laboratories encompass more than 5,200 sq. ft. and are laid out so that in addition to each investigator’s individual laboratory space, core labs are designated for specialized techniques. Our core labs include space for mitochondrial dynamics assessment station, animal energy metabolic cages, FACS data management system, gene editing/mutation work platform, micro-imaging system, tissue culture, trace element analysis, short-term animal husbandry and necropsy, blood analysis, bone imaging and biomechanical testing.

Additional related core labs are available on the OSU campus, such as the Oklahoma Center for Respiratory and Infectious Diseases, Microscopy Laboratory, Microbiome Center, and Genomics and Proteomics Core Facility.

Compensation and Benefits: A graduate student stipend will be provided at the rate of $18,630 for 12 months. Benefits will include tuition waiver and subsidized health insurance. The duration of the assistantship is one-year, renewable contingent on the outcome of a performance review and continued availability of funding.

For more information about the OSU Doctoral Program in Nutritional Sciences:  
http://humansciences.okstate.edu/nsci/index.php/graduate-students

If interested, submit a one-page letter of interest, a resume, GRE scores, TOEFL scores (if applicable), unofficial copies of academic transcripts, and the names of three references to Dr. Dingbo Lin (dingbo.lin@okstate.edu). Review of applications will begin immediately and continue until the positions are filled.

OSU is an Equal Employment Opportunity/Affirmative Action Employer