



COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES
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DEPARTMENT OF ENVIRONMENTAL TOXICOLOGY
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Postdoctoral position in molecular mechanisms of obesity and insulin resistance in humans.

Position description

A postdoctoral scholar position is available immediately in the laboratory of Dr. Michele La Merrill in the Environmental Toxicology department at the University of California at Davis <http://lamerrill.ucdavis.edu/>. The multi-disciplinary translational research project investigates the role of gene x environment interactions underlying the regulation of gene expression in biopsied human adipose tissue and primary human adipocytes. This area of our research is currently supported by NIH grants to mechanistically evaluate the causes and treatment of obesity and insulin resistance in humans.

The scholar will utilize cell and molecular biology techniques such as gene editing to complete this research. While collaborators are positioned to handle library preparations and the analysis of next generation sequencing integrated with the metabolome and exposome, opportunities for genomics research are also an option in this position. The position involves designing experiments, collecting and analyzing data, preparing manuscripts, presenting research at conferences, and mentoring graduate and undergraduate students with the PI, collaborators, and lab personnel.

The University of California, Davis is an equal opportunity employer, committed to excellence through diversity. Davis is an affordable small city in Northern California located between the mountains and the coast that was recently featured in the NY Times (<https://www.nytimes.com/2021/01/30/us/college-coronavirus-california.html>) for providing free testing through our Genome Center, masks and quarantine housing for the whole community. The position is available for 1 year with full medical, dental and vision benefits, and a competitive salary commensurate with experience. There is a possibility for renewal depending on performance as funding is available to support this position over multiple years.

Candidate qualifications

A PhD in a biological science such as genetics, molecular or cell biology, toxicology or related disciplines is required. Highly motivated candidates should have or be very close to obtaining a PhD, or have less than four years of Postdoctoral experience.

Preferred qualifications

The ideal candidate will have research experience in cell and molecular biology including gene editing approaches. The candidate should have a record of creativity and scientific productivity as evidenced by peer-reviewed publications including at least one first-author publication. Excellent written and oral communication skills and strong interpersonal and collaborative skills are also essential requirements for this position.

Application materials

Please apply by sending your 1) CV inclusive of publications, awards, and both laboratory and computer skills, 2) 3-5 references, and 3) a letter of intent discussing your research qualifications and motivations for this position to mlamerrill@ucdavis.edu. Applications will begin being reviewed on March 8, 2021. Informal inquiries are also encouraged, and additional project details are available upon request.