

Post-Doctoral Associate (Biostatistics Lab, Burnett School of Biomedical Sciences, College of Medicine, University of Central Florida)

About the employer:

The University of Central Florida (UCF) was founded in 1963. It is the second-largest university in the nation with about 63,000 students. The UCF has a main campus, located in Orlando, Florida, and 10 regional campuses. The UCF College of Medicine is located at the Health Campus at Lake Nona. The college recently celebrated the 10th Anniversary. It has a rapidly growing culturally-diverse research environment. The UCF is an equal opportunity, equal access, affirmative action employer. More information about the College can be found at <https://med.ucf.edu/>.

About the position:

This is a post-doctoral associate position, available immediately. Continuation of this position to the next 12 months is contingent upon satisfactory accomplishment of assigned duties. Applicants must have a PhD in statistics, mathematics, bioinformatics, psychology, sociology, or related discipline.

Responsibilities:

Conduct joint research with supervisor in the inter-disciplinary areas of statistics and public health, behavioral medicine, psychology, and/or biology. The primary tasks are (i) to refine research questions, (ii) to develop formal analytical plan, (iii) to analyze the data, and (iv) to develop new methods for problems where existing methodologies do not apply or perform poorly. The associate will have protected time to facilitate development of an independent research program. Initial new work will focus on refining and mapping potential research questions to existing population-based data of smoking behaviors, and human biological databases.

Desirable skills include:

Familiarity with statistical or survey methodology, strong mathematical/theoretical skills, and strong computing skills. Expected to be highly interested in enhancing multi-disciplinary research in public health, and work closely with the supervisor and other mentors to accomplish public-health-related research goals, prepare manuscripts for publication in international peer-reviewed journals, give presentations at conferences and other venues on ongoing work, and help prepare competitive grant proposals.

The 6- and 12-month appointments are available. Travel support to present research findings at professional meetings will be provided.

To apply for the position, please email your CV, cover letter, and contact information for three references to Dr. Yujiao Mai at Yujiao.Mai@ucf.edu