Postdoctoral Fellowship at the Department of Biostatistics, UCLA
Company Information: Department of Biostatistics, UCLA,
https://ph.ucla.edu/departments/biostatistics

Position Title: Postdoctoral Fellowship in Smart Health
Anticipated Start Date: As the position is filled

Dr. Gang Li, Dr. Hua Zhou, and Dr. Jin Zhou of the Department of Biostatistics at UCLA are actively seeking a dedicated postdoctoral fellow with robust expertise in survival analysis, longitudinal and functional data analysis, and/or machine learning within the realm of Health Sciences.

Position Overview: The selected candidate will play a pivotal role in developing state-of-the-art statistical methods and tools designed to harness the potential of modern sensors and diverse clinical data. The project's primary objective is to establish methods and applications that seamlessly integrate continuous glucose monitoring data with longitudinally captured risk factors to predict and address adverse diabetes-related events. The fellow's responsibilities encompass collaborating with Principal Investigators (PIs) to innovate statistical and ML/AI methods, devise computational algorithms, and craft user-centric software. The emphasis is on crafting algorithms backed with statistical validity to elucidate scientific and clinical queries.

Qualifications: Preference will be extended to candidates who:
- Demonstrate expertise in survival analysis, longitudinal and functional data analysis, especially in large and high-dimensional data landscapes;
- Hands-on experience in statistical computing and developing statistical packages;
- Have a fervent desire to work at the intersection of statistics, medicine, and health;
- Expertise in modern empirical process theory (preferred but not required);
- Possess hands-on experience analyzing wearable device data (preferred but not required).

Mentorship: The daily undertakings of this role will be closely guided by Professors Gang Li, Hua Zhou, and Jin Zhou.

Terms and Benefits:
- The fellowship begins with a one-year contract, which can be renewed for an additional two years contingent upon exemplary performance.
- Provision for travel allowances to present research findings at esteemed academic conventions.
- The fellowship predominantly emphasizes research, but teaching opportunities can be tailored if desired.
- The commencement date for the position is flexible.

Interested candidates are encouraged to reach out with their credentials and references. We look forward to fostering an environment of growth, innovation, and collaboration.

Position Qualifications: Applicants must have completed their Ph.D. in Statistics, Biostatistics, Mathematics, or Computer Science before the appointment date.

Salary Range: Competitive

Application Information: Candidates should submit CVs, the names of up to three references, and research manuscripts to
Jiyoon Kim: JiyoonKim@mednet.ucla.edu