MD2K Center of Excellence for Mobile Sensor Data-to-Knowledge

Advancing biomedical discovery and improving health through mobile sensor big data

*Cornell Tech ♦ Georgia Tech ♦ **U. Memphis** ♦ Northwestern ♦ Ohio State ♦ **Open mHealth***
*Rice ♦ UCLA ♦ UC San Diego ♦ UC San Francisco ♦ UMass Amherst ♦ **U. Michigan***

TECHNICAL WRITER/TRAINING SPECIALIST POSITION
NIH Center of Excellence on Mobile Sensor Data-to-Knowledge (MD2K)

The MD2K Center of Excellence invites applications from outstanding candidates for the position of technical writer & training specialist. We seek dedicated individuals interested in working with the nation's flagship mobile health (mHealth) center of excellence to train the community in the use of mobile health for research, education, healthcare, and self-monitoring. Required qualifications include a Master's degree in a relevant area and three years of appropriate experience in technical or scientific writing, instructional design technology or a related field in a corporate or educational setting. Relevant experience may substitute for required education.

The MD2K Center brings together 20+ national thought leaders in Computer Science, Engineering, Medicine, Behavioral Science and Statistics, drawn from 11 universities (Cornell Tech, Georgia Tech, Northwestern, Ohio State, Rice, UCLA, UC San Diego, UC San Francisco, the University of Massachusetts Amherst, the University of Memphis and the University of Michigan), and Open mHealth (a non-profit organization). Given that there are 6 billion mobile devices, 97,000+ mHealth apps, and 247 million downloads, the transformative potential of mHealth is staggering. MD2K aims to lay a strong scientific foundation for mHealth by generating theories, methods, tools, and software to make it easier to gather, analyze and interpret health data generated by mobile and wearable sensors. The goal of the big data solutions being developed by MD2K is to reliably quantify physical, biological, behavioral, social, and environmental factors that contribute to health and disease risk. MD2K will facilitate adoption of its solutions for both biomedical knowledge discovery and just-in-time care delivery by providing and widely disseminating open source, extensible and standards-compliant big data analytics software for extracting information and actionable knowledge from mobile sensor data. The MD2K Center will demonstrate the feasibility, utility, and generalizability of the MD2K approach by implementing the entire MD2K data analytics system in the context of two biomedical applications – preventing relapse among abstinent daily smokers and reducing readmission among congestive heart failure (CHF) patients.

The successful candidate will be joining a highly accomplished team and will be largely responsible for executing the MD2K Center's training mission. The candidate will work with the Center's Training Core lead and will be assisted by the Center's Director of Communications and Media. The candidate will also be responsible for soliciting, organizing, and publishing the training content from the entire MD2K team of 40+ researchers. This position has a potential to bring national visibility to the candidate and propel the candidate to national prominence. Full information about the MD2K Center of Excellence can be found at http://md2k.org.

Deadline for submitting an application is January 9, 2015. Review will begin on January 10th.

To apply, please follow the instructions at https://workforum.memphis.edu/postings/8653. Include a cover letter, vitae, and references. Direct inquiries to jwbggers@memphis.edu.