

Postdoctoral Research Associate- mHealth
Job Location: Los Angeles, CA

The Department of Preventive Medicine in the Keck School of Medicine at the University of Southern California seeks outstanding applicants for a Postdoctoral Research Associate to work on large federally-funded obesity prevention projects that use smartphone applications and other wearable sensors to collect physical activity, eating, and other data in children and families. The Postdoctoral Research Associate will serve as a critical member of a dynamic research team who are part of the USC Real-Time Eating Activity and Children's Health (REACH) lab (<http://reach.usc.edu/>). The ideal candidate will have a strong background in mHealth, human computer interactions (HCI) and/or computer programming with applications to behavioral science. Minimum qualifications include a PhD in a quantitative, computational, or behavioral science field and 4 years of research experience. Technical knowledge of smartphone-based data acquisition systems, post-processing of real-time wearable sensor data, familiarity with version control systems (e.g. Bitbucket), and/or knowledge of software development concepts and languages (e.g. algorithms, Java) is required. Research experience in mobile app development and testing, data management and analysis, and publishing in peer-reviewed journals is also desired.

Responsibilities may include serving as a research trainee for the purpose of enhancing and developing research competencies; participating in the planning, designing and conducting of highly technical and complex research projects under the direction of a supervisor; analyzing research data and providing interpretations; contributing to the development of research documentation for publication of technical reports, papers and/or conference presentations.

The University of Southern California (USC), founded in 1880, is located in the heart of downtown L.A. and is the largest private employer in the City of Los Angeles. As an employee of USC, you will be a part of a world-class research university and a member of the "Trojan Family," which is comprised of the faculty, students and staff that make the university what it is.

Consideration of applicants will begin immediately with an application deadline of **Jan. 31, 2017**. Interested applicants should send a cover letter indicating the position being applied, curriculum vitae, statement of research interest, a writing sample, and a list of 3 references with contact information by email to:

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The University of Southern California values diversity and is committed to equal opportunity in employment.

