



# Northeastern University

Funded PhD student position available at Northeastern University with a focus on the measurement and modification of physical behavior using sensors. The position will commence in the Fall 2020 semester

Northeastern University offers a unique PhD program in Health Informatics that is a joint degree program between Khoury College of Computer Sciences and the Bouvé College of Health Sciences. A novel aspect of this interdisciplinary program is its focus on the application of computer science and technology to solve real-world health problems. The student selected for the current position will be admitted into the PhD program in Personal Health Informatics.

The program offers a strong curriculum in human-computer interface technology and experimental design in health sciences, while focusing on:

- Development and rigorous evaluation of technologies in real-world settings.
- Patient-facing interactions within different health settings and experiences, such as a hospital, clinic, home, workplace, or community.
- Individual and team-based experiential learning, which enables evaluation of technologies in field settings and exposes students to a range of health professionals.
- The health science perspective, not the “medical” or physician-oriented perspective.
- Explorations of wellness, healthcare, and recovery.

Specific to this position, the student will be involved in research on the processing of sensor data including, but not limited to accelerometers and physiological sensors and the application of such sensors and related methods in novel study designs aimed at tackling various problems that limit meaningful physical behavior change.

Requirements: The ideal candidate will have some experience in both technology design/development (i.e., coding skills) and health, solid grades in past coursework, and outstanding recommendation letters.

Funding: Students in good academic standing are fully funded for the duration of the program, with tuition and a stipend competitive for the Boston area.

For information about the program: <https://phi.khoury.northeastern.edu/>

For information about the position, contact Dr. Dinesh John ([d.john@northeastern.edu](mailto:d.john@northeastern.edu)).