Digital Health Phenotyping – Assistant/Associate Professor, Tenure Track

The Department of Health Sciences at Northeastern University seeks candidates for a tenure-track Assistant or Associate Professor position in the emerging area of **Digital Health Phenotyping**. Research areas of interest include, but are not limited to, the development or deployment of technology to quantify mental and/or physical health behavior in natural settings; technology-enabled, tailored interventions; personal health informatics; and human-computer interaction for health. Aspiring candidates may be developing methods or applications related to measuring and interpreting real-world mental health or lifestyle behavior using personal digital devices, including smartphones and consumer health devices, and/or use computational modeling on such data to enhance our understanding of the interaction between behavior and health. We are especially interested in the intersection of these domains and efforts to understand and reduce health disparities among marginalized populations.

The successful candidate will join an interdisciplinary department committed to excellence in research and teaching in our CEPH-accredited Bachelors and Masters programs in Public Health and our two Doctoral Programs in Personal Health Informatics and Population Health. The successful candidate will also engage in curriculum development and assessment, classroom and online teaching, serve on capstone and dissertation committees, and engage in service to the Department, College, and University. We also seek individuals who can leverage their research agenda to facilitate collaborations with other Colleges interested in digital health (e.g., Computer Science, Engineering, Humanities) as well as bring innovative pedagogical methods into undergraduate and graduate student teaching. The tenure home is in the Department of Health Sciences with expectation of a joint appointment in another suitable department or school.

Qualifications and Position Expectations: A Ph.D., M.D., or equivalent doctoral degree in Health Informatics, Health Communications, Public Health, Population Health, Behavioral Science, Information Science, or a related field completed by August 2021 is required. We seek candidates whose work reflects the importance of population diversity and who value different points of view in teaching and collaborations. Candidates must articulate or demonstrate commitment to undergraduate/graduate teaching excellence and a record of interdisciplinary scholarly achievement commensurate with rank. The successful applicant will have a strong research portfolio and demonstrate extramural funding or the promise to secure such funding.

To Apply, visit https://careers.hrm.northeastern.edu/en-us/job/504118/assistantassociate-professor and apply online. Please include a letter of interest, CV with names of 3 references, and statements on (1) teaching, (2) research, and (3) contributions to achieving a diverse and inclusive academic environment. For questions about the position, please contact Dr. Matthew Goodwin, Search Committee Chair, at m.goodwin@northeastern.edu. Applications received by December 4, 2020 will receive full consideration. Applications will be reviewed until the position is filled.

About Northeastern University

Founded in 1898, **Northeastern University** is a global research university and the recognized leader in experience-driven lifelong learning. Our world-renowned experiential approach empowers our students, faculty, alumni, and partners to create impact far beyond the confines of discipline, degree, and campus.

Our locations—in Boston; Charlotte, North Carolina; London; Portland, Maine; San Francisco; Seattle; Silicon Valley; Toronto; Vancouver; and the Massachusetts communities of Burlington and Nahant—are nodes in our growing global university system. Through this network, we expand opportunities for flexible, student-centered learning and collaborative, solutions-focused research.

The President of Northeastern has expressly announced a call to action for the university to address systemic racism—especially anti-Black discrimination—and advance its commitment to diversity, equity, and inclusion. Practical steps include a commitment that across our campuses, incoming undergraduate students, master's students, and doctoral students will fully reflect the relevant national racial diversity within five years. For example, the percentage of Black students in the United States will more than double at the undergraduate level over this time period. With respect to faculty, NU's long-term goal is that the faculty should reflect the diversity of the societies we serve, with a specific intermediate goal to double the percentage of new faculty hires from underrepresented groups across all NU campuses within five years and to double the percentage of Black faculty hires in the United States over this period. In addition, NU is creating a new institute that will serve as the focal point for a larger university initiative related to racial justice and inequality, with this position being one of at least 10 new faculty positions to support this effort. To learn more about Northeastern University's commitment and support of diversity and inclusion, please see www.northeastern.edu/diversity.

Northeastern University is situated on the Avenue of the Arts in Boston's historic Back Bay, four blocks from the Longwood Medical Area, encompassing Harvard Medical School, Children's Hospital Boston, Brigham & Women's Hospital, and Beth Israel Deaconess Medical Center, and eight blocks from the Boston Medical Center. Northeastern University has an enrollment of more than 17,000 undergraduate and 7,000 graduate students and approximately 4,300 faculty and staff. Situated in downtown Boston on a campus deemed an arboretum with its 1,400 trees representing 143 different species, it is one of the nation's most dynamic private educational institutions.

The **Bouvé College of Health Sciences** has over 200 faculty members, with approximately 2,000 undergraduate and 2,400 graduate students. It is the leading national model for education and research in the health, psychosocial and biomedical sciences and supports the University's missions both of educating students for a life of fulfillment and accomplishment and of creating and translating knowledge to meet global and societal needs. Aligned with Northeastern University's commitment to interdisciplinary research and community engagement, we work collaboratively across University entities.

The **Department of Health Sciences** is an interdisciplinary department in the Bouvé College of Health Sciences, one of nine colleges at Northeastern University. We provide a world-class education in a broad range of public health and clinical careers that promote the health and well-being of individuals, communities, and populations in culturally diverse contexts. We are committed to evidence-based research and research translation to eliminate health disparities. Our department is

a unique, transdisciplinary setting that incorporates teaching, learning, and serving, in a rapidly evolving, multicultural environment that includes perspectives based on diversity by race, ethnicity, class, ability, language, gender, sexuality, age and nationality. The Department has over 40 faculty and offers a CEPH-accredited undergraduate program in Health Sciences, three masters programs (MS in Exercise Science, MS in Health Informatics, and CEPH-accredited Masters in Public Health), and two doctoral programs (PhDs in Population Health and Personal Health Informatics). The Department is home to approximately 600 undergraduate majors in the Health Science B.S. and 300 graduate students. It is playing a central role in expanding public health programs.

Additional Information

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion.

All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

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Northeastern has identified health as one of three major University-wide interdisciplinary strategic initiatives, and the University is making a major investment in interdisciplinary health research with faculty hires in the last few years in data science and visualization (with a health data emphasis), environmental health, global health, health economics, health systems, health policy, personal health informatics, and population health.