



HEALTH SERVICES ADMINISTRATION AND POLICY

Instructional Faculty in Health Informatics

Inequities and health disparities are a major public health threat and demand a concerted, interdisciplinary effort. At the College of Public Health, we dedicate ourselves to public health in all its parameters, from epidemiology to nursing, from social work to rehabilitation sciences. Social justice has always driven our work: This understanding that individual outcomes are intricately tied to the larger systems we inhabit is the foundation of our college.

Temple University College of Public Health's interprofessional culture fosters collaboration both within and outside the college. We value differences among our faculty and believe that we can better serve and understand our Philadelphia community through the diversity of our individual faculty and our disciplines. Join us in our mission to develop progressive, compassionate researchers, practitioners, and clinicians to build a better tomorrow, grounded in creating the environments and health infrastructure that will make us the healthiest nation.

THE POSITION. We invite applications for an instructional faculty member in health informatics to join us in spring or fall 2024. Rank (assistant, associate, full professor of instruction) depends on experience. We seek faculty with a strong record of college teaching, including demonstrated versatility in teaching various courses, including but not limited to the areas of computer programming (such as Python and R), health application development, health data management and SQL, machine learning, natural language processing, clinical decision support systems, and capstone project mentoring. The faculty member will also participate in recruiting and reviewing applications for graduate student admissions, attending monthly health informatics meetings, and be active in health informatics program improvement and curriculum development.

QUALIFICATIONS. The ideal candidate will have an earned doctorate (PhD or MD) in health informatics, computer science, software engineering, information science, or other relevant disciplines in data science and health sciences. Applicants with a terminal MS degree and a strong record of relevant teaching experience will be considered. We seek enthusiastic, dedicated health informatics professionals with skills in explaining health information technology, machine learning, and data mining. Salary and benefits are competitive and commensurate with credentials and experience. This is not a remote position and requires in-person teaching.

All faculty are active in the local community and contribute to the curriculum and the department's committees. We value diversity and seek individuals committed to inclusivity in collaborative education and practice, prepared to join us in our commitment toward prioritizing sustainable, inclusive, and anti-oppressive practices. Rank and salary depend on experience and qualifications.

THE PROGRAM. The health informatics program at Temple University's College of Public Health offers a master of science in health informatics, a doctor of philosophy in health informatics, and a health informatics graduate certificate. Health informatics is the application of information technology to healthcare professions to create tools and procedures that facilitate the diagnosis and treatment of patients. The field includes the knowledge, skills, and tools that enable information to be collected, managed, used, and shared to support the delivery of healthcare and promote health. The master's program trains students to create health data systems and processes to improve healthcare delivery, patient care, and population health outcomes. The doctoral program focuses on interprofessional education and practice research and is designed for students looking to pursue a career in academia or research in health informatics innovation. The graduate certificate teaches students the practical skills they need to advance in their current career in healthcare or enter the rapidly expanding field of health informatics.

THE DEPARTMENT. The Department of Health Services Administration and Policy is comprised of accredited academic programs including a BS in health information management, an MPH in health policy and management, an MS in health informatics, a PhD in health policy and health services research, and a PhD in health informatics. The department offers graduate certificates in health informatics, public health law research, and clinical health services research. Faculty are engaged in teaching, research, and entrepreneurial activities with about 300 students. The department contributes to the college's BS in public health and BS in health professions degrees. Research emphases are in the areas of the impact of laws and policies on health, quality of care, healthcare financing, disparities and access to care, public health law, evolving methodologies for big data analytics, and the impact of health information technologies.

Dr. Huanmei Wu, an accomplished biomedical informatics researcher with expertise in big data and technology, joined Temple as department chair in July 2020. With extensive experience in faculty and student recruitment and academic program development, Dr. Wu is leading the department, established in 2015, through an exciting transformation. The department's research and educational programs integrate health informatics, health services research, and health policy and management by bringing innovations and applications of big data analytics, machine learning, and artificial intelligence to healthcare, advancing healthcare and policy through digital health technologies, mobile health, and health tool inventions.

THE COLLEGE. Devoted to an interprofessional environment for education, research, and practice, the CEPH-accredited College of Public Health consists of academic units in the public health disciplines, health professions, and the School of Social Work, enrolling approximately 4,200 students. The college's research aims to understand the fundamental factors that affect the health and well-being of individuals and populations by examining health problems through foundational research, policy and practice, and the development and dissemination of evidence-based interventions. We focus on social determinants of health and social justice with strengths in cancer, obesity, HIV, substance abuse, mental illness, mobility research, cognition and language, developmental disabilities, organ transplantation and aging. College research is funded by the National Institutes of Health, Department of Defense, National Science Foundation, Gates Foundation, other major private foundations, and state and federal agencies. The college is home to the Center for Obesity Research and Education and the Collaborative on Community Inclusion. The Office of Clinical Affairs and Interprofessional Education leads our clinical activities, including the COVID-19 RapidVax effort and forward-looking interprofessional education within the college and throughout the university. The college is staffed by a robust complement of seasoned professionals including Offices of Communications and Marketing, Information Technology, Sponsored Research, and Academic Affairs.

THE UNIVERSITY. Temple University is an urban, research-intensive Carnegie R1 university located in historic and culturally rich Philadelphia, the nation's sixth largest city. The city was ranked third by The New York Times as a world tourist destination. The National Science Foundation ranks Temple among the top 100 universities in the country for research expenditures. Temple is the sixth largest provider of professional education in the nation and includes Schools of Medicine, Pharmacy, Podiatry, Law, and Dentistry, as well as research centers. It is also home to Fox Chase Comprehensive Cancer Center.

Applicants should submit their curriculum vitae; a cover letter indicating work experience and commitment to diversity, equity and inclusion; a one-page teaching statement; and references with contact information via email to Dennis Johnson at dennis.johnson@temple.edu. Review of applications will begin immediately and continue until positions are filled. Contact Dr. Huanmei Wu, department chair, at huanmei.wu@temple.edu with questions or to make nominations.