

Open Rank, Tenure-Track or Tenured Position; Artificial
Intelligence (AI) and Machine Learning (ML)
University of Pittsburgh

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Posted Mar. 18, 2024, set to expire Jul. 20, 2024

Job Title	Open Rank, Tenure-Track or Tenured Position; Artificial Intelligence (AI) and Machine Learning (ML)
Department	Biomedical Informatics https://www.dbmi.pitt.edu/
Institution	University of Pittsburgh Pittsburgh, Pennsylvania
Date Posted	Mar. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Associate Professor Professor
Academic Field(s)	Medical Informatics & Clinical Epidemiology Biomedical Engineering/Biomedical Sciences
Apply Online Here	https://tinyurl.com/PittDBMIFacultyPosition
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Job Description	

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The Department of Biomedical Informatics (DBMI) (<https://www.dbmi.pitt.edu>) is seeking to recruit faculty in biomedical informatics with expertise in artificial intelligence and machine learning (AI/ML) for tenure-track and tenured positions in the School of Medicine at the University of Pittsburgh at the rank of Associate Professor or Professor. DBMI has eighteen primary faculty members with a focus on developing and applying AI/ML methods in clinical informatics, translational bioinformatics, clinical research informatics, and public health informatics. The University of Pittsburgh and its regional collaborator, Carnegie-Mellon University, have dozens of additional faculty scholars pursuing research in AI/ML and healthcare.

The ideal candidate will be a nationally recognized scholar who is working at the intersection of AI/ML and biomedical informatics with one or more existing federally funded research projects. Candidates must either have a PhD, which may include (but is not limited to) biomedical informatics, health informatics, bioinformatics, computer science, statistics, or information sciences, or a professional health degree (e.g., MD, RN, PharmD) with informatics training. We welcome clinicians, including internists, pediatricians, surgeons, psychiatrists, nurses, and pharmacists, particularly those with an AI/ML research track record and interest in clinical informatics, precision medicine, or public health informatics.

Successful faculty recruits will be expected to lead an independently funded research program, leverage DBMI's exceptional infrastructure, and participate in instruction and mentoring in our NLM-funded Biomedical Informatics Training Program. Clinically trained faculty can pursue clinical practice and participate in the Clinical Informatics Subspecialty Fellowship Program. Faculty also have ample opportunity to explore commercialization and entrepreneurship toward the goal of commercializing innovative research.

Minimum Qualifications: Candidates must have a professional health degree (e.g., MD, RN, PharmD) with informatics training or a Ph.D. in their field, which may include (but is not limited to) biomedical informatics, health informatics, bioinformatics, computer science, statistics, or information sciences.

For an Associate Professor position the qualifications are as follows: 5+ years experience and in addition to the degree requirements described above, an Associate Professor should have substantial experience in teaching and research and should have attained eminence in a scholarly or professional field.

For a Professor position the qualifications are as follows: 10+ years experience and in addition to the degree requirements described above, a Professor should have authoritative knowledge and reputation in a recognized field of learning and the achievement of effective teaching skills. They

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should have attained superior stature in their field through research, scholarship, and professional leadership.

The following four documents are required for an application: Cover Letter, Curriculum Vitae, Teaching Statement and Research Statement.

The University of Pittsburgh is an Affirmative Action/ Equal Opportunity Employer and values equality of opportunity, human dignity, and diversity, EOE, including disability/vets.

About the University of Pittsburgh

The University of Pittsburgh (Pitt) ranks third nationally in NIH financed research and development expenditures. Pitt consistently ranks in the top 20 among U.S. public universities in U.S. News & World Report's annual "America's Best Colleges" listing, and Pitt graduate schools and programs earn high grades in U.S. News' "Best Graduate School" rankings. Pitt has six schools of health sciences (medicine, dental, nursing, pharmacy, public health, and health and rehabilitation sciences) along with other schools that include the schools of engineering and computing.

Pitt is associated with the University of Pittsburgh Medical Center (UPMC) which is the largest non-profit integrated health delivery system in the U.S. (\$24B annual revenue, 92K employees) with over 40 hospitals and is the dominant regional provider of medical services as well as the largest medical insurer in western Pennsylvania. UPMC also has an international division with over 20 locations across the globe. UPMC has electronic patient data dating back to 1987 and is currently building three specialty hospitals for heart and transplant, vision and rehabilitation, and a next-gen cancer hospital. DBMI has a business associate agreement with UPMC and the UPMC Health Plan to use data for research through its best practices Neptune research-data warehouse.

Pitt, the School of Medicine, and DBMI strive to continue to recruit, retain, and recognize an excellent and diverse faculty. We celebrate the differences and develop a rich understanding of the value of diversity—the many benefits of bringing diverse groups together. By welcoming and supporting faculty, staff, and students from different backgrounds and experiences, we strengthen the entire Pitt community. Our success is dependent on identifying high-quality faculty from varied backgrounds and academic disciplines, with a broad range of perspectives and experiences, who will become part of a university that is committed to a diverse, inclusive, and vibrant community.

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About Pittsburgh

In the span of a few decades, through advances in science, technology, and medicine, Pittsburgh has transformed from a Rust Belt city to a burgeoning metropolis of medical and technological innovation. It is the home to several notable technology companies, such as Duolingo. Numerous other companies, such as Amazon, Apple, Google, Meta (VR lab), and Zoom have offices in Pittsburgh. The city offers a rich variety of arts, sports, entertainment, and restaurants. Pittsburgh was ranked the third most livable city in the U.S. by the Economist and has been listed as having the best housing market by Forbes.

Instructions to apply

Applicants should apply through the online University of Pittsburgh Talent Center (requisition number 23008176) using the following link: <https://tinyurl.com/PittDBMIFacultyPosition>.

As requested at that site, please upload a cover letter, curriculum vitae, a research statement, and a teaching statement.

If you have questions or would like additional information, please contact Dr. Gregory Cooper, who is the faculty search chair, at the following email address: gfc@pitt.edu

EEO/AA Policy

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Contact Information

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Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact Gregory F Cooper, MD, PhD
Biomedical Informatics
University of Pittsburgh
The Offices at Baum, Suite 400
5607 Baum Blvd.
Pittsburgh, PA 15206

Contact E-mail gfc@pitt.edu