

Postdoctoral Research Associate in Artificial Intelligence
and Data Science in Health Professions Ed
University of Illinois College of Medicine

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Posted Dec. 6, 2024, set to expire Apr. 9, 2025

Job Title Postdoctoral Research Associate in Artificial Intelligence and Data
Science in Health Professions Ed

Department Department of Medical Education

Institution University of Illinois College of Medicine
Chicago, Illinois

Date Posted Dec. 6, 2024

**Application
Deadline** Jan. 31, 2025

Position Start Date Available immediately

Job Categories Research Scientist/Associate
Research Professor

Academic Field(s) Computer/Information Sciences
Biology - Computational

Job Website <https://uic.csod.com/ux/ats/careersite/1/home/requisition/12670?c=uic>

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Job Description

**Postdoctoral Research Associate in
Artificial Intelligence and Data Science in Health Professions Education**

**Department of Medical Education
University of Illinois College of Medicine**

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Location: 808 South Wood Street, 986 College of Medicine East Tower, Chicago, IL 60612

Position Description:

The Department of Medical Education at the University of Illinois College of Medicine is seeking applications for a Postdoctoral Research Associate to enhance our artificial intelligence and data science in education initiatives.

We seek a Postdoctoral Research Associate who can integrate artificial intelligence and data science techniques to health professions education, delivering a unique and 61 cutting-edge contribution to improve training. Relevant areas of focus include, but are not limited to, the application of AI and data science to assessment, teaching, equity, and ethics in health professions education.

The salary for this full-time position is based on NIH postdoctoral guidelines available at www.niaid.nih.gov/grants-contracts/salary-cap-stipends; the budgeted salary range for this position is \$61,000 to \$74,100. Benefits eligible positions include a comprehensive benefits package which offers: Health, Dental, Vision, Life, Disability & AD&D insurance; a defined benefit pension plan; paid leaves such as Vacation, Holiday and Sick; tuition waivers for employees and dependents. Visit www.hr.uillinois.edu/benefits for a complete list of Employee Benefits.

The Postdoctoral Research Associate will engage in mentored research, gaining experience in building artificial intelligence applications and data science methodologies for health professions education; preparing manuscripts and grants; and contributing to curriculum and evaluation in the College of Medicine. The Postdoctoral Research Associate will also have access to the university's expansive opportunities to join other AI and data science research projects and publish papers. Postdoctoral Research Associates are expected to teach one course per year, develop an active research program, and participate in a mentoring program.

DEPARTMENT OF MEDICAL EDUCATION

The Department of Medical Education (DME) at the University of Illinois Chicago College of Medicine is the oldest continuously operating department of medical education in the world, with a strong commitment to scholarship and leadership in the field. The department is highly interdisciplinary. Faculty come from diverse disciplinary backgrounds that include, sociology, statistics, cognitive psychology, neuroscience, philosophy, ethics, and the health humanities. The work of DME faculty involves instruction, curriculum design, research, and service in the fields of health professions education, health humanities, and healthcare ethics. Its core educational contributions include training PhD, MHPE (Master of Health Professions Education), MPSL (Master of Patient Safety Leadership)

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and MD students.

For additional information about the department, go to:

chicago.medicine.uic.edu/departments/academic-departments/medical-education

UNIVERSITY OF ILLINOIS CHICAGO

Located in the heart of one of the most vibrant cities in the United States, UIC is a comprehensive urban public research (R1) university with a diverse student body and a strong tradition of support for difference and equality. Part of the University of Illinois land grant higher education system, UIC is among the nation's top five most diverse campuses; it is designated as a Minority Serving Institution (MSI), an Asian American Native American Pacific Islander Serving Institution (AANAPISI), and a Hispanic Serving Institution (HSI).

QUALIFICATIONS:

- A doctoral degree (PhD, EdD, MD, or relevant terminal degree) is required and must be obtained by the starting date of the position.

Preferred qualifications include

- Experience with AI model development
- Experience with health professions or health professions education data
- Experience with teaching at the undergraduate or graduate level
- Familiarity with applying AI methods to improve health equity or assessing the impact of AI on health equity

TO APPLY:

Applications will be reviewed on a rolling basis. For full consideration, applications should be received by **January 31, 2025**.

Applicants should submit materials by deadline to

uic.csod.com/ux/ats/careersite/1/home/requisition/12670?c=uic

Applications should include:

1. **Cover letter** that includes a summary of research, career goals, and information concerning how the applicant will further the university's goal of building a culturally diverse educational environment.
2. **Complete curriculum vitae**

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3. **References** with names and email addresses of three academic references.
4. **Writing sample**, such as dissertation chapter, published paper, or paper submitted for publication. Samples should reflect the work of the candidate.

Questions regarding the position can be directed to **Search Committee Chair, Alan Schwartz, PhD, alansz@uic.edu**.

The University of Illinois at Chicago (UIC) is an Equal Opportunity, Affirmative Action employer. Our goal is to attract world-class scholars to enrich the educational experience of our bright and motivated students. UIC is dedicated to the goal of building a culturally diverse community of scholars committed to teaching and working in a multicultural environment and strongly encourages applications from women, underrepresented minorities, individuals with disabilities, and covered veterans.

Offers of employment by the University of Illinois may be subject to approval by the University's Board of Trustees and are made contingent upon the candidate's successful completion of any criminal background checks and other pre-employment assessments that may be required for the position being offered. Additional information regarding such pre-employment checks and assessments may be provided as applicable during the hiring process.

The University of Illinois System requires candidates selected for hire to disclose any documented finding of sexual misconduct or sexual harassment and to authorize inquiries to current and former employers regarding findings of sexual misconduct or sexual harassment. For more information, visit www.hr.uillinois.edu/cms/One.aspx?portalId=4292&pageId=1411899

Contact Information

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

Contact