![Indiana University Bloomington logo]

Multiple Tenured and Tenure-Track Faculty Positions in Human Intelligence, Artificial Intelligence and Machine Learning at Indiana University-Bloomington

The College of Arts and Sciences and the Luddy School of Informatics, Computing, and Engineering at Indiana University Bloomington invite applications for multiple open-rank, tenured or tenure-track faculty positions in one or more of the following areas: artificial intelligence, human intelligence, and machine learning to begin in Fall 2025 or after. Appointments will be in one or more departments, including Cognitive Science, Computer Science, Informatics, Intelligent Systems Engineering, Mathematics, and Psychological and Brain Sciences.

We encourage applications from scholars who apply interdisciplinary perspectives across these fields to a variety of domains, including cognitive science, computational social sciences, computer vision, education, engineering, healthcare, mathematics, natural language processing, neuroscience, psychology, robotics, virtual reality, and beyond. Reflecting IU's strong tradition of interdisciplinary research, we encourage diverse perspectives and innovative research that may intersect with or extend beyond these areas.

The positions are part of a new university-wide initiative that aims to transform our understanding of human and artificial intelligence, involving multiple departments and schools, as well as the new Luddy Artificial Intelligence Center. IU has long been an international leader in research on cognition across humans, animals, and artificial systems, and how intelligence manifests in embodied cognition. These hires build on existing strengths to position IU at the forefront of new research innovations in our understanding of human and animal cognition, the development of intelligent computing technologies, and the use of machine learning applied to a wide range of phenomena.

Qualifications: Applicants must have a PhD in cognitive science, computer science, engineering, mathematics, neuroscience, psychology, or a related field, and a record of excellence in scholarship, teaching, and professional experience commensurate with taking a leading role in AI/ML at IU Bloomington. The positions are open at all ranks. To advance scholarly innovation and excellence, we especially welcome candidates whose demonstrated experience, research, teaching, and mentoring will support the university's priorities related to diversity, equity, and inclusion.

Responsibilities: Candidates are expected to sustain an active, externally funded research program, to engage undergraduate and graduate students through effective teaching, and to participate in service to the university and the profession. Candidates should be able to work effectively in a team environment, and to interact with our diverse student and faculty community. As such we are especially interested in applicants with a record of successful teaching and mentoring of students from diverse backgrounds; applicants are encouraged to address this experience in their letter of application and define how this experience will enhance their research, mentoring, teaching, and/or service at IUB.

Application Procedures: To apply, submit a CV, letter of application that describes your research, teaching, and engagement with fostering a diverse and welcoming work environment, and provide the names of three references. References will only be contacted for those candidates moving to advanced stages of consideration. Interested candidates should submit applications at:

https://indiana.peopleadmin.com/postings/25788

Application review begins November 1, 2024, but we welcome submissions after this date. We accommodate varied timelines across disciplines to ensure all qualified applicants are considered. The position's expected start date is August 1, 2025; however, alternative dates can be considered. All queries about the position or the application procedures may be addressed to faculty1@indiana.edu.

Before a conditional offer of employment with tenure is finalized, candidates will be asked to disclose any pending investigations or previous findings of sexual or professional misconduct. They will also be required to authorize an inquiry by Indiana University Bloomington with all current and former employers along these lines. The relevance of information disclosed or ascertained in the context of this process to a candidate's eligibility for hire will be evaluated by Indiana University Bloomington on a case-by-case basis. Applicants should be aware, however, that Indiana University Bloomington takes the matters of sexual and professional misconduct very seriously.

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

About Indiana University Bloomington: Founded in 1820, Indiana University-Bloomington (IUB) is the flagship campus of Indiana University. Located in Bloomington, IN., IUB constantly strives to embody its mission to create, disseminate, preserve, and apply knowledge. It does so through its commitments to cutting-edge research, scholarship, arts, and creative activity; inspired and challenging undergraduate, graduate, professional, and lifelong educational programs; meaningful experiences outside the classroom; expansive global educational opportunities while fostering a culturally diverse campus environment; first-rate library and museum collections; and far-reaching economic development and impact in the state and region.

IUB is a member of the prestigious Association of American University (AAU) since 1909, is accredited by the Higher Learning Commission and is a member of the North Central Association. With over 47,000 undergraduate and graduate students, the campus has 16 degree-granting colleges and schools offering 300+ undergraduate majors, 300+ Master's degrees, and 150+ doctoral and professional degree opportunities. Known for its Indiana limestone facades and green spaces throughout, IUB is widely considered one of the country's most beautiful college campuses.

The [Luddy School of Informatics, Computing, and Engineering](#) at Indiana University is the first of its kind and among the largest in the country. Its mission is to excel and lead in education, research, and outreach spanning and integrating the full breadth of computing, information technology and modern engineering. The Luddy School is a core school with programs on the Bloomington and Indianapolis campus and includes over 150 faculty and 3100 students in Bloomington. Departments in the Luddy School's Bloomington campus include Computer Science, Information and Library Science, Informatics, and Intelligent Systems Engineering.

The [College of Arts and Sciences](#) at Indiana University offers over 225 academic programs rooted in three broad areas of study—Arts and Humanities, Natural and Mathematics Sciences, and Social and Historical Studies. The College is home to over 70 departments and programs and three schools—the Eskenazi School of Art, Architecture + Design, the Hamilton Lugar School of Global and International Studies, and The Media School. Over 900 faculty members serve within the College and form an extraordinary teaching and learning community at the heart of a world-class university. Members of the College's faculty are continually recognized as elected fellows of the American Academy of Arts and Sciences, the National Academies, the American Association for the

Advancement of Science, and include MacArthur and Guggenheim Fellows, Fulbright Award winners, and Pulitzer Prize, Oscar, and Emmy winners.

Nestled in the rolling hills of south-central Indiana, and home to 85,000 residents, the city of Bloomington offers the feel of a college town with many of the amenities of a large city. From off-Broadway plays and musicals, the LOTUS World Festival of Music, quick access to 250,000 acres of public recreation lands, outstanding public schools and a reasonable cost of living, Bloomington offers much to all.