

Associate/Full Professor in Computational Biology/Bio-
Health Informatics
Indiana University

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Posted Dec. 11, 2024, set to expire Apr. 14, 2025

Job Title	Associate/Full Professor in Computational Biology/Bio-Health Informatics
Department	Cross-departmental
Institution	Indiana University Indianapolis, Indiana
Date Posted	Dec. 11, 2024
Application Deadline	Jan. 2, 2025
Position Start Date	Aug. 1, 2025
Job Categories	Associate Professor Professor
Academic Field(s)	Biology - Computational Biomedical Sciences
Job Website	https://indiana.peopleadmin.com/postings/26584
Apply Online Here	https://indiana.peopleadmin.com/postings/26584
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Job Description	

The Indiana University (IU) School of Science and Luddy School of Informatics, Computing and Engineering at IU Indianapolis invite applications for a tenured associate or full professor position in the areas of Computational Biology/Bio-Health Informatics. Appointments will begin August 1, 2025 (or earlier) on the Indianapolis campus.

This position is strategic joint hire with the newly established **Convergent Bioscience and Technology Institute (CBATI)** at IU Indianapolis. Faculty affiliated with CBATI will be either CBATI

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Investigators or CBATI Fellows to receive additional research support, including new state-of-the-art research facilities and opportunities to lead interdisciplinary teams. Candidates must demonstrate an outstanding scholarly record of research, exhibited by high-impact peer-reviewed publications and a forward-looking, externally funded research agenda as Principal Investigator (PI). Candidates who are leading externally funded research groups (including post-doctoral fellows, graduate students, and research staff) are highly encouraged to apply. Ideal candidates will have an externally funded research agenda that is on a strong upward trajectory and have significant experience in leading research programs as PI in one or more areas of interest for the institute, including, but not limited, to: computational/statistical/experimental biology, integrated with single-cell multi-omics, such as computational/statistical genomics and structural proteomics, bioinformatics, biological imaging, biomolecular structure modeling and design, biomedical and biological applications of artificial intelligence (AI). The ideal candidate is expected to synergize expertise in computational and experimental biology for the identification of molecular signatures that help detect, diagnose, and monitor chronic diseases.

The candidate's faculty position will be affiliated with both the School of Science and the Luddy School. The tenure home and primary effort of the new joint hire will depend on the research expertise and focus areas, i.e. either in the Department of Biology (School of Science) or in the Department of Biomedical Informatics and Engineering (Luddy School). This is a research-intensive position and therefore the candidate is expected to engage in interdisciplinary research and collaborative endeavors that transcend institutional silos to initiate and advance ambitious research initiatives within CBATI. The candidate is also expected to contribute to translational research efforts that have a significant impact on the growing biotechnology innovation ecosystem at IU Indianapolis through invention disclosures and patentable discoveries. Appointments expectations include a minimum teaching load to contribute to the departments mission.

As the state's premier urban research institution, IU Indianapolis is committed to being a welcoming and inclusive campus community. We seek candidates who will pursue the highest standards of academic excellence and whose research, teaching, and community engagement efforts contribute to welcoming, respectful, and inclusive learning and working environments for our students, staff, and faculty.

To ensure full consideration, please submit your application materials by January 10, 2025. However, the positions will remain open until filled.

How to apply: <https://indiana.peopleadmin.com/postings/26584>

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Application documents:

- CV
- Cover Letter
- Statement of Research
- Statement of Teaching
- List of references

Qualifications

- Ph.D. in Computational or Biological Sciences, Biomedical Engineering, Biotechnology or related disciplines
- Tenured
- A track record of outstanding research productivity and impact in any of the above-mentioned areas, or a demonstrated ability to develop one. The demonstrated ability to secure external funding is required
- Demonstrated ability to teach effectively in related biological or computational sciences

Questions pertaining to this position can be directed to Jeff Hostetler at [jehostet\(at\)iu.edu](mailto:jehostet(at)iu.edu).

Contact Information

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

Contact Jeff Hostetler
IU Human Resources
Indiana University
535 West Michigan St
It 525
Indianapolis, IN 46202

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Phone Number 317-278-9202
Contact E-mail jehostet@iu.edu