

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

Direct Link: <https://www.AcademicKeys.com/r?job=250284>

Downloaded On: Apr. 1, 2025 7:50pm

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

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

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

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

Direct Link: <https://www.AcademicKeys.com/r?job=250284>

Downloaded On: Apr. 1, 2025 7:50pm

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

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>

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

Direct Link: <https://www.AcademicKeys.com/r?job=250284>

Downloaded On: Apr. 1, 2025 7:50pm

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

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).**

**About the Convergent Bioscience and Technology Institute (CBATI):**

**<https://indianapolis.iu.edu/research/centers-institutes/>**

The Convergent Bioscience and Technology Institute (CBATI) drives interdisciplinary bioscience and technology research and collaboration with industry partners in pursuit of discoveries ranging from wearable and implantable medical devices and sensors to the advanced detection of biomarkers and AI-enabled drug discovery and delivery. With a goal of quickly delivering IU health and sciences innovations from the bench to bedside, the institute will aim to stimulate substantial growth in the disclosure and licensing of inventions, discoveries and innovations, as well as industry partnerships and IU-launched startup companies. With a \$138M grant from Lilly Endowment, IU recently launched a major initiative to accelerate bioscience innovation. The IU Launch Accelerator for Biosciences, known as IU LAB, at the 16 Tech Innovation District in Indianapolis, will leverage the expansive strengths of the Convergent Bioscience and Technology Institute, the Integrated Nanosystems Development Institute and the Institute for Human Health and Wellbeing and offer opportunities for IU researchers across campuses to engage in impactful research that will improve human health. In partnership with the Luddy School of Informatics, Computing and Engineering, the institutes will inspire and inform high-demand degrees, certificates and microcredential programs, supporting talent development in Indiana's growing life and biosciences industry. IU LAB will be housed in a six-floor, 150,000-gross-

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

Direct Link: <https://www.AcademicKeys.com/r?job=250284>

Downloaded On: Apr. 1, 2025 7:50pm

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

square-foot facility that is expected to open in 2027 and will serve as IU's permanent home in the 16 Tech Innovation District. The initiative will enhance Indianapolis' growing human health innovation sector, putting IU LAB at the intersection of other major health-related anchor institutions, including IU Health's new downtown hospital and health district. Read the full release at <https://news.iu.edu/live/news/43205-with-138m-grant-from-lilly-endowment-iu-launches>.

### 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

**Phone Number** 317-278-9202

**Contact E-mail** [jehostet@iu.edu](mailto:jehostet@iu.edu)