Biomedical Informatics & Data Science
Yale University

Assistant, Associate on Term, Associate with Tenure, and Full Professor of Biomedical Informatics & Data Science

The Department of Biomedical Informatics and Data Science (BIDS) at Yale University School of Medicine invites applications for Assistant, Associate on Term, Associate w/ Tenure and Full Professor positions in the tenure track. Applicants must have an M.D. and/or Ph.D. or equivalent degree and have demonstrated excellent qualifications in research and education. Multiple positions will be filled each year. Areas of interest include:

- Artificial intelligence in medicine
- Biomedical data modeling and ontologies
- Biomedical data science
- Biomedical natural language processing and knowledge representation
- Clinical informatics
- Clinical research informatics
- Computational biology and bioinformatics
- Genomics, transcriptomics, proteomics
- Global health informatics
- Health disparities and outcomes research
- Human computer interaction and usability
- Image analysis
- Machine learning and statistical learning
- Modeling & simulating molecular structures and cellular networks
- Population health informatics
- Precision medicine
- Privacy technology

Responsibilities include establishing a vigorous and independently funded research program while supervising and mentoring students with diverse backgrounds plus contributing to the graduate and medical school educational missions. We seek individuals with strong records of independent creative accomplishments, who will interact productively with colleagues within the Department and across Yale School of Medicine and the University. Justice, diversity, equality, and inclusion for faculty, staff, and trainees are core values for BIDS. Applications from individuals belonging to under-represented groups in informatics and data science are encouraged. We foster an environment of collaboration and scientific discovery, and we value the exchange of new ideas and novel approaches to research, training, and service. Joint appointments with other departments will also be supported. Leadership roles will be considered according to the candidates' interests and prior accomplishments. Strong scientific, management, and interpersonal skills are required. Appointment at the Assistant, Associate or Full Professor levels will be based on the candidate's qualifications and experience.

Biomedical Informatics and Data Science (BIDS) at Yale University is a newly established self-standing Department within Yale School of Medicine, which has a rich history of pre-eminence in biomedical research and clinical care. BIDS faculty are known nationally and

internationally for their contributions to biomedical informatics and data science and multidisciplinary collaborations. Today, research at the Yale School of Medicine encompasses a broad range of fields, with researchers aiming to understand, prevent, and treat human disease in a personalized and equitable manner. Yale's new findings in basic and translational science inform and synergize with impactful clinical research, and with implementation and evaluation of systems in real clinical settings. For more details, see https://medicine.yale.edu/biomedical-informatics-data-science/.

Please submit a cover letter describing qualifications, along with a CV, a two-page summary of current and proposed research, and three letters of reference to one of the following Interfolio websites:

For interested Assistant/Associate on Term Professors: http://apply.interfolio.com/149956

For interested Associate w/ Tenure/Full Professors: http://apply.interfolio.com/155167

Consideration of applications will begin 10/1/2024 on a rolling basis.

Yale University is an Equal Opportunity/Affirmative Action Employer. We seek candidates who embrace and reflect diversity in the broadest sense. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.