

Biomedical Informatics & Data Science

Yale University



Assistant, Associate on Term, or Full Professor of Biomedical Informatics & Data Science

The Section of Biomedical Informatics and Data Science (BIDS) at Yale University School of Medicine invites applications for Assistant, Associate on Term, or 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 Section 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 Section that is expected, in the short-term, to grow into a 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/131534>

For interested Professors: <http://apply.interfolio.com/132715>

Consideration of applications will begin 9/7/23.

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.