



Associate Professor, Biostatistics

Department of Biomedical Informatics

College of Medicine

Position Overview

The Department of Biomedical Informatics (BMI, <http://bmi.osu.edu>) and Center for Biostatistics (CFB, <https://medicine.osu.edu/departments/biostatistics>) at The Ohio State University (OSU) is currently seeking applicants for tenure-track faculty in biostatistics at the Associate Professor level. Candidates with expertise and interests in population sciences, Bayesian statistics, causal inference, statistical learning, high-dimensional data, and/or electronic medical records are encouraged to apply. Successful applicants should have a Ph.D. in Statistics, Biostatistics, Epidemiology or a related discipline, with scientific collaboration and research interests in one or more of the following areas:

- Clinical trials, including Bayesian designs, pragmatic trials, hybrid-type studies, clustered designs, de-centralized trials, and rapid cycle research
- High-dimensional data, including complex correlated structures, novel omic data platforms, real-world applications, statistical methods in AI/ML, and basic science knowledge
- Population health and observation studies including cross-sectional studies, case-control studies, cohort studies, structural equation modeling, geospatial modeling, missing data, and measurement errors
- Community-based research, health disparities, and social determinants of health (SDoH)

Performance Objectives

Successful candidates will maintain an active research program in biostatistical methodology, collaborate with investigators across the health sciences campus, teach courses within our graduate programs, and mentor graduate students. There are opportunities to partner with investigators conducting basic, clinical, and population research at both The Ohio State University and Nationwide Children's Hospital. Candidates are also expected to collaborate with investigators across the health sciences campus to develop grant proposals and design studies that lead to discoveries impacting human health.

Education and Experience Requirements

Applicants should have a Ph.D. in Statistics, Biostatistics, Epidemiology or a related discipline

How to Apply

To be considered, please submit your application electronically via Workday under requisition number R101491. <https://osu.wd1.myworkdayjobs.com/en-US/OSUCareers/job/Columbus-Campus/Associate-Professor-of-Biomedical-Informatics--Tenure-Track- R101491-1> .

Applicants should upload a cover letter, a curriculum vitae, a statement of research plans (limited to 3 pages), and a statement of teaching and mentoring. In the teaching statement, please outline your approach to teaching and learning,





as well as your goals and vision as an educator. Any questions can be directed to the chair of the search committee, Dr. Guy Brock (guy.brock@osumc.edu). Evaluation of applications is underway and will continue until positions are filled.

Required:

- Cover letter
- Curriculum Vita (CV)
- Statement of Research
- Statement of Teaching and Mentoring

Department Information

As part of the College of Medicine at the Ohio State Wexner Medical Center (OSUWMC, <http://medicalcenter.osu.edu>), the Department of Biomedical Informatics (BMI, <http://bmi.osu.edu>) and the Center for Biostatistics (CFB, <https://medicine.osu.edu/departments/biostatistics>) provide an academic home for informatics and biostatistics research, development and training at Ohio State. The Department of BMI and CFB have one of the most comprehensive academic programs in the nation, including clinical informatics, AI in digital health, implementation science, bioinformatics, and biostatistics. They have a strong diversity, equity, inclusive culture for faculty who develop careers in both innovative research and collaborative research. Faculty in the Department of BMI have access to resources to assist in grant writing, management, and to stimulate collaboration. The department has a robust training curriculum for PhD, Masters, and Certificate programs. The department has also established a significant amount of resources in clinical data and high-performance computing and data storage. The Ohio State University is one of the nation's largest integrated health sciences campuses, with access to a CTSA-funded Center for Clinical and Translational Science and a state-of-the-art 1 million square foot, NCI-designated Comprehensive Cancer Center. Faculty and staff in the Department of BMI can leverage an advanced information systems environment including inpatient and outpatient electronic health records, data warehousing platforms, and a variety of enterprise research information systems.

The University

Ohio State is a top-20 public university, and its Ohio State Wexner Medical Center is one of America's leading academic health centers and recently ranked No. 4 on *Forbes'* list of best U.S. employers for diversity. Eligible Ohio State employees receive comprehensive benefits packages, including medical, dental and vision insurance, tuition assistance for employees and their dependents, and state or alternative retirement options with competitive employer contributions.

The Ohio State University's [Shared Values](#) include Excellence and Impact, Diversity and Innovation, Inclusion and Equity, Care and Compassion, and Integrity and Respect. Our university community welcomes differences, encourages open-minded exploration and courageous thinking, and upholds freedom of expression.

Ohio State is a dynamic community where opportunity thrives, and individuals transform themselves and their world. Positions are available in countless fields and specialties. Become a Buckeye and contribute to an incredible legacy that serves to guide our future and shape a better tomorrow.





The Ohio State University is committed to enhancing academic excellence. Recruiting, supporting, and retaining faculty of the highest caliber is a core component of this commitment. The Office of Academic Affairs (OAA) has established [Dual Careers and Faculty Relocation \(DCFR\)](#) to focus on supporting new and prospective faculty and their loved ones. Service offerings include dual careers partner consultations, identifying potential employers and/or employment opportunities, consultation and resources related to relocation, as well as identifying opportunities to engage on campus and in the surrounding community. While employment opportunities are not guaranteed, resources and consultation are provided to support the partners of new and prospective faculty as they are considering or transitioning to The Ohio State University.

In addition to being responsive to dual-career opportunities, we strongly promote work-life balance to support our community members through a suite of institutionalized policies. Ohio State is an [NSF ADVANCE institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium \(HERC\)](#).

Located in Ohio's capital city, Ohio State's Columbus campus is near the center of a rapidly growing and diverse metropolitan area with a population of over 1.5 million. The area offers a wide range of affordable housing, many cultural and recreational opportunities, excellent schools, and a strong economy based on government as well as service, transportation, and technology industries. Additional information about the Columbus area is available [here](#). Beyond its Columbus campus, Ohio State has four regional campuses including Ohio State Lima, Ohio State Mansfield, Ohio State Marion, and Ohio State Newark, in addition to the College of Food, Agricultural, and Environmental Sciences (CFAES) Wooster Campus, which houses Ohio State ATI.

All qualified applicants will receive consideration for employment without regard to age, ancestry, color, disability, ethnicity, gender, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, pregnancy, race, religion, sex, sexual orientation, or veteran status.

Final candidates are subject to successful completion of a background check.