



Department of Biostatistics and Data Science Open Rank Faculty Search

The Department of Biostatistics and Data Science (BDS) in the Division of Public Health Sciences (PHS) at Wake Forest School of Medicine (WFSM) invites applications for faculty positions. The initial appointment would be tenure-track or tenured and based in Charlotte or Winston-Salem, NC. Ideal candidates will have the following qualifications:

- PhD in biostatistics, statistics, computer science, informatics, data science, or a related field.
- All outstanding applicants are encouraged to apply. The department is particularly interested in candidates with expertise in the areas of electronic health record and administrative data (including federated data networks such as PCORnet/ACT), population health management, informatics, pragmatic clinical trials (including stepped wedge or cluster randomized designs), data coordinating centers, wearable device analytics, machine learning/artificial intelligence (AI), predictive analytics, and other related disciplines.
- Experience collaborating with medical and public health professionals in a multidisciplinary setting.
- Excellent written and oral communication skills.

Additionally, we seek applicants with experience leading an internal consulting group in an academic setting, strong leadership skills, and an outstanding educator. Depending on candidate goals and qualifications, there is a potential leadership opportunity to develop a faculty and staff node in Charlotte, working collaboratively with existing BDS faculty and staff in Winston-Salem as part of the new strategic partnership between Atrium Health and WFSM.

BDS is a vibrant academic unit comprised of 27 faculty members and 85 staff including biostatisticians, data scientists, programmers, project managers, and administrative staff. This group has demonstrated long-standing growth in extramural funding, particularly in leading data coordinating centers and large-scale clinical trials, statistical genetics, imaging, aiding the development of a rich research environment, and facilitating advancements in a variety of public health disciplines including geriatrics, cardiovascular disease, diabetes, women's health, population genetics, and cancer control. The Department resides within PHS which also includes the Departments of Epidemiology and Prevention, Social Sciences and Health Policy, and Implementation Science. Together, PHS is the largest research group at Wake Forest School of Medicine with approximately 65 faculty members and over 210 staff.

[Wake Forest School of Medicine](#) is recognized as one of America's best medical schools for its innovative, experiential learning curriculum, primary care training, and research programs and is among the top U.S. academic medical centers in total funding from the National Institutes of Health (approximately \$112 million in 2018). The School of Medicine directs the education of nearly 2,500 students, residents and fellows including physicians, basic scientists and allied clinical professionals, offering MD, PhD, and MS degrees, as well as five joint-degree programs.

[Atrium Health](#) is a nationally recognized leader in shaping health outcomes through innovative research, education and compassionate patient care. Headquartered in Charlotte, North Carolina, Atrium Health is an integrated, nonprofit health system with over 55,000 teammates at nearly 40 hospitals and hundreds of care

locations throughout the Carolinas and Georgia. Ranked among *U.S. News & World Report's* Best Hospitals for cancer treatment and in eight different pediatric specialties, it has also received the American Hospital Association's Quest for Quality Prize and was the recipient of the 2020 Centers for Medicare & Medicaid Services Health Equity Award for its efforts to reduce racial and ethnic disparities in care. As part of the strategic combination, Wake Forest School of Medicine will build a second campus of the School of Medicine in Charlotte, North Carolina. The growth of the medical school will expand existing academic research capabilities and opportunities for clinical trials across a large, diverse market with some of the nation's leading medical experts.

Applicants should send a cover letter, curriculum vitae, research and teaching statements, and contact information for 3 or more references to dbsrecruit@wakehealth.edu. Priority will be given to applications received by January 3, 2022, but we will continue to review applications until the positions are filled. The department is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to working in a multicultural and diverse environment. We encourage candidates who will contribute to such diversity. EOE/AA.