

## Assistant Professor of Biostatistics (Contract)

Biostatistical Design and Analysis Center, Clinical and Translational Science Institute

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The Division of Biostatistics, School of Public Health, at the University of Minnesota has an opening for a non-tenure track (contract) faculty position at the rank of Assistant Professor, who will be a member of the Biostatistical Design and Analysis Center (BDAC) of the University of Minnesota Clinical and Translational Science Institute (CTSI). Applicants must have a PhD in biostatistics, statistics, or a closely related field, and a strong interest in collaborative research with biomedical investigators across the CTSI. A successful candidate will be expected to play a crucial role in translational team science, and be primarily responsible for collaborating with biomedical investigators in the CTSI, obtaining external funding through collaborative grant applications, mentoring master-level statisticians in the BDAC, and providing service to the CTSI through protocol review and data monitoring of ongoing trials or observational studies. The candidate will also be expected to pursue data-driven statistical methods research (e.g. innovative design and analysis methods motivated by collaborative randomized clinical trials and observational studies), participate in the Division's graduate program through teaching and advising, and serve on division and school level committees.

We are strongly committed to recruiting, mentoring, and retaining faculty with a diversity of backgrounds/experiences and support the advancement of the School of Public Health's recently adopted Strategic Plan for Antiracism (<https://www.sph.umn.edu/about/diversity-inclusion/strategy-planning/>). We recognize that scholars from historically disadvantaged groups may not have had the same access to opportunities and may have faced substantial barriers on their academic journey, and hence we are committed to carrying out a holistic evaluation of all applicants for the position.

The Division of Biostatistics ([www.sph.umn.edu/biostatistics](http://www.sph.umn.edu/biostatistics)) currently includes 38 graduate faculty and over 60 staff. Faculty regularly publish in the top methodological journals across all major research areas, including causal inference, adaptive clinical trials, statistical genetics and bioinformatics including genomics and proteomics, analysis of spatial and longitudinal data, biomedical imaging, survival analysis, meta-analysis and data synthesis, and mobile health. Division faculty are also active in a wide range of collaborative research projects including high-profile studies of cancer, cardiovascular disease, COVID-19, dentistry and periodontology, psychiatry/psychology, transplantation, chronic and neurodegenerative diseases, and tobacco control. The Division's Coordinating Center for Biometric Research (CCBR; <http://ccbr.biostat.umn.edu/>) is considered a field leader in infectious disease clinical trial coordination and has been instrumental in designing and executing seminal vaccine and treatment trials in HIV/AIDS, Ebola, influenza, and COVID-19. Division of Biostatistics faculty have biostatistical leadership roles in major collaborative initiatives, including the Biostatistical Design and Analysis Center (BDAC; <https://ctsi.umn.edu/services/statistical-support/biostatistical-support>) of the Clinical & Translational Science Institute, the Biostatistics Core of the Masonic Cancer Center (<https://ccgg.umn.edu/for-researchers/shared-resources/biostatistics>), and the Analytics Core of the Masonic Institute for the Developing Brain (<https://midb.umn.edu/research/analytics-core>).

The Division offers MS and PhD degrees in Biostatistics, with a current enrollment of 96 students (45 MS, 51 PhD). Students come to our programs from top undergraduate and graduate institutions across the U.S. and around the world, attracted by the quality of our faculty, a reasonable student-faculty ratio, our dedication to student success, and the modest cost of living in the Twin Cities. Division students regularly win prestigious student paper awards at top national and international conferences; approximately half pursue careers in academia, and half choose paths in private industry and government. In Fall 2022, the Division will welcome its first incoming class pursuing the Masters of Public Health (MPH) in Public Health Data Science, a program focused on providing future public health practitioners with more advanced programming and data analysis skills.

The Clinical and Translational Science Institute (CTSI) is enhancing the way research is conducted to make a meaningful impact on people's lives. To do this, CTSI provides a comprehensive infrastructure of research services, training, grants, tools, and more. CTSI is part of the prestigious Clinical and Translational Science Award (CTSA) program, which aims to get interventions to patients and populations more quickly and enable research teams to tackle system-wide problems in clinical and translational research.

The Division of Biostatistics is located on the main University of Minnesota campus, which straddles the Mississippi River near downtown Minneapolis. Campus is served by plentiful public transportation, including a light rail line with a stop less than 5 minutes' walk from Division offices. On-campus parking is also readily available on a contract or daily fee basis. The Twin Cities of Minneapolis and St. Paul offer all the usual amenities of a major metropolitan area; one notable highlight is the urban parks system, which has frequently been ranked #1 in the nation. Livable neighborhoods are diverse and widespread, and housing

prices remain moderate compared to other similarly sized metro areas. The salary range for these positions will be very competitive, and the University of Minnesota offers excellent fringe benefits.

Applicants should submit a cover letter, current curriculum vitae, and the names of at least three references online at <https://hr.myu.umn.edu/jobs/ext/345045>. In their cover letter (maximum of 3 single spaced pages), applicants should address their research and teaching interests, and are also encouraged to comment on how they can contribute to a diverse and inclusive environment in the Division of Biostatistics. Please reference Job ID: 345045. In addition, a letter of recommendation from each of the three references should be sent to [biostats@umn.edu](mailto:biostats@umn.edu). Other questions regarding this position can be directed to this same address. Applications received on or before January 15, 2022 will be given first consideration for an interview; however, we will continue to accept applications until the position is filled.

*The University of Minnesota is an equal opportunity educator and employer.*

## Assistant Professor of Biostatistics (Tenure Track, Multiple Positions)

The Division of Biostatistics, School of Public Health, at the University of Minnesota has openings for two tenure-track faculty position at the Assistant Professor rank. Areas of particular interest for this search include causal inference, dynamic treatment regimes, adaptive trial design, risk prediction, biomedical imaging, imaging genetics, and integrative data analysis/data science, but candidates in all research areas holding a PhD in biostatistics, statistics, or a related discipline are encouraged to apply. A successful candidate will be responsible for developing their own independent statistical methods/theory research program, participating in collaborative research with researchers across the University of Minnesota, and developing externally funded grant applications, as well as participating in the Division's teaching program through classroom instruction and advising graduate students. The candidate will also serve on division and school level committees.

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Applicants should submit a cover letter, current curriculum vitae, and the names of at least three references online at <https://hr.myu.umn.edu/jobs/ext/343694>. In their cover letter (maximum of 3 single spaced pages), applicants should address their research and teaching interests, and are also encouraged to comment on how they can contribute to a diverse and inclusive environment in the Division of Biostatistics. Please reference Job ID: 343694. In addition, a letter of recommendation from each of the three references should be sent to [biostats@umn.edu](mailto:biostats@umn.edu). Other questions regarding this position can be directed to this same address. Applications received on or before December 3 will be given first consideration for an interview; however, we will continue to accept applications until the positions are filled.

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# Assistant/Associate Professor of Biostatistics (Contract)

## Coordinating Centers for Biometric Research

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The Division of Biostatistics, School of Public Health, at the University of Minnesota is announcing the opening of a non-tenure track (contract) faculty position at the rank of Assistant or Associate Professor, who will provide statistical support for clinical trials coordinated at the Coordinating Centers for Biometric Research (CCBR). Applicants must have a PhD in biostatistics, statistics, or a closely related field. The successful applicant will provide statistical support for a team working on international clinical trials and epidemiological studies involving persons with HIV-associated meningitis, such as cryptococcal or tuberculous meningitis. Studies are currently ongoing in Uganda, South Africa, and Indonesia. Statistical support for this team is currently provided by staff at the CCBR. Faculty and staff at the CCBR coordinate a variety of clinical research studies and this position would provide opportunities to work on other projects over time. The successful candidate will be a member of the graduate faculty and serve on division committees; teaching opportunities are available and can be negotiated based on candidate interest.

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Applicants should submit a cover letter, current curriculum vitae, and the names of at least three references online at <https://hr.myu.umn.edu/jobs/ext/343709>. In their cover letter (maximum of 3 single spaced pages), applicants should address their qualifications for the position and are encouraged to comment on how they can contribute to a diverse and inclusive environment in the Division of Biostatistics. Please reference Job ID: 343709. In addition, a letter of recommendation from each of the three references should be sent to [biostats@umn.edu](mailto:biostats@umn.edu). Other questions regarding this position can be directed to this same address. Review of applications will begin immediately and we will continue to accept applications until the position is filled.

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