



MACALESTER

Assistant Professor of Statistics

The Department of Mathematics, Statistics, and Computer Science (MSCS) at Macalester College invites applications for a tenure-track assistant professor in Statistics to begin Fall 2023. Candidates must have or be completing a Ph.D. in Biostatistics or Statistics, or a closely related field such as Data Science, Computer Science, Engineering, Applied Mathematics, Bioinformatics, Epidemiology, etc. with a demonstrated interest and background in statistics and/or data science. They must have a strong commitment to and vision for excellence in teaching and research in an undergraduate liberal arts environment. We are especially interested in candidates who are enthusiastic to teach and develop a broad range of undergraduate statistics and data science courses, from the introductory to advanced level. See the [catalog of MSCS courses](#) for current course descriptions. We are open to scholarly interests from a wide range of areas, including but not limited to: machine learning, computational statistics, advanced statistical modeling, and data science.

At Macalester College, diversity, equity, and inclusion are central to our educational mission and values. We are committed to the institutional change required for visioning and realizing a more equitable and socially just college and society. In this spirit, we pride ourselves on our inclusive and innovative curriculum and pedagogy (e.g. active learning, real world applications, computing in R). Macalester also provides an attractive environment for quantitative scientists. Our joint department offers majors in Statistics, Data Science, Mathematics, and Computer Science. We foster close interdisciplinary relationships with departments such as Biology, Political Science, and Theater and Dance, teach more than 60% of the student body in our introductory statistics and data science courses, and have a vibrant record of undergraduate research.

Macalester faculty teach five semester course sections per year (typically two to three distinct courses), supervise senior capstone presentations and honors theses, advise students in their curricular and career choices, maintain an active scholarly agenda, and engage in pedagogical, curricular, and extracurricular departmental activities. During their first year of the appointment, new faculty teach four courses

and attend a weekly new faculty development seminar. The [Macalester Faculty Handbook](#) details expectations for tenure and promotion.

To apply to this position, please submit the following materials to Academic Jobs Online (<https://academicjobsonline.org/ajo/jobs/22065>):

1. curriculum vitae (CV)
2. graduate school transcripts
3. three letters of recommendation – at least one of which discusses your potential as a teacher
4. DEI Statement: a statement of your experience in, commitment to, and vision for diversity, equity, and inclusion (DEI). Discuss contributions to DEI initiatives in your teaching, advising and mentorship, curriculum, scholarship, service, and/or community and professional engagement. Strong candidates will have experience and vision regarding teaching and mentorship of students of multiple and diverse backgrounds with attention to structural barriers that limit access to educational opportunities.
5. teaching statement: a statement of your experience in, commitment to, and vision for teaching undergraduate students. Discuss pedagogical approaches (e.g., inclusive teaching, active and innovative teaching strategies, assessment of learning outcomes), future teaching development goals, and courses you'd be passionate to teach or introduce into the curriculum.
6. research statement: a statement of your contributions to the scholarly field and future research goals. Highlight professional engagement in the field through journal publications, conference presentations, and/or software development as well as ongoing publishable projects. Describe your current and immediate future research projects. The strongest candidates will have enthusiasm and a feasible plan for incorporating undergraduate students in their future research.
7. a cover letter (2-3 pages, no more than three pages) that provides an executive summary of your:
 - a) specific interest in joining the MSCS Department at Macalester College
 - b) training and experience in statistics and/or data science, particularly if you do not have a Ph.D. in Statistics or Biostatistics
 - c) experience in, commitment to, and vision for DEI
 - d) experience in, commitment to, and vision for teaching undergraduate students
 - e) contributions to the scholarly field and future research goals.

Application materials should be written to be accessible to all members of the search committee (including MSCS and non-MSCS faculty and undergraduate students), as well as the college Provost and Dean of the Faculty.



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For any questions about the position, please contact co-chair of the search committee, Brianna Heggese (bheggese@macalester.edu). Full consideration will be given to complete applications received by October 1, 2022.

Macalester College is located in Saint Paul, Minnesota, on the ancestral homeland of the Dakota people who were forcibly exiled because of aggressive and persistent settler colonialism. Macalester is a highly selective, private liberal arts college in the vibrant Minneapolis–Saint Paul metropolitan area, with a population of approximately three million people and home to numerous colleges and universities, including the University of Minnesota. Macalester's diverse student body comprises over 2000 undergraduates from all 50 states and the District of Columbia and 99 countries. The College maintains a longstanding commitment to academic excellence with a special emphasis on internationalism, multiculturalism, and service to society. As an Equal Opportunity employer supportive of affirmative efforts to achieve diversity among its faculty, Macalester College strongly encourages applications from women and members of underrepresented minority groups.