Assistant/Associate Professor, Data, Mathematical, and Computational Sciences

Named one of the top 10 most innovative colleges in the nation by *U.S. News & World Report*, and recognized as one of the forty *Colleges that Changes Lives*, Goucher College, located in Baltimore, Maryland, is a private, coed, liberal arts college dedicated to teaching students to be complex problem solvers prepared for the jobs of the future. A Goucher education focuses on creating lifelong learners through an interdisciplinary, international education requiring 100% of our students to study abroad.

Would you like to work with a team that is dedicated to changing lives? Do you enjoy engaging others around an institution you are passionate about?

The Center for Data, Mathematical, and Computational Sciences at Goucher College invites applications for a tenure-track position with a focus in Data Science/Analytics. Candidates must have significant experience in Data Science/Analytics or actively engage in research that utilizes and develops advanced data analysis techniques. The ideal candidate will have a Ph.D. in Data Science/Analytics, Statistics, Computer Science, Mathematics, or other related fields which significantly emphasize data analysis techniques. These related fields could include Economics, Business, Public Health, Bioinformatics, Environmental Science, and Geographic Information Systems. The teaching load is five courses per year.

The Center seeks colleagues who enjoy working in a diverse community of learners, and have a passion for pedagogical and curricular innovation within the liberal arts. Candidates will assist in growing a recently faculty-approved program in Integrative Data Analytics (IDA), and help further develop the College’s Data Analytics graduation requirement. The IDA includes interdisciplinary specializations, which will give both the students and faculty opportunities to collaborate with other disciplines in classroom, internships and research projects. Candidates are encouraged to discuss potential collaborations across disciplines.

Ongoing scholarly research and service to the center and college are expected. Candidates must have a clearly articulated research program related to Data Science/Analytics which accommodates undergraduate research experiences in the liberal arts setting. We have support for research with undergraduates in an established summer program, as well as internal research grants. We also support other forms of professional development through travel grants and through our Center for the Advancement of Scholarship and Teaching. Following a successful third-year review, faculty are eligible for a pre-tenure research leave.

Qualified candidates must have a Ph.D. by the start date of August, 2020; experience teaching introductory statistics or data courses at the undergraduate level; active data science research program.

Preferred candidates should have experience teaching calculus and linear algebra; a background in one of the following: economics, public health, computer science, environmental science, geographic information systems, bioinformatics or business; experience working with a diverse population of students; experience with undergraduate research.
If this sounds like an interesting opportunity, and if you are innovative and open to change, we would love to hear from you!

Goucher College is committed to increasing the diversity of our community and seeks applicants dedicated to applying principles of equity and inclusion in all areas of the campus community.

To apply for this position, please visit http://goucher.interviewexchange.com. The review of applications will begin immediately.

Please submit the following application materials online:

- Cover letter, with salary requirement. Please include in your cover letter an explanation of how your research will be maintained in a liberal arts environment.
- Resume/CV
- Statement of commitment to diversity, equity, and inclusion.
- Statement of teaching interests, areas of expertise, and teaching philosophy.
- Official transcripts must be provided at the time of hire.
- Evidence of teaching effectiveness (if available)
- Three letters of recommendation (with at least one that specifically addresses teaching) to the Provost's Administrative Assistant, Gigi Greenfield, at gigi.greenfield@goucher.edu.

Candidates must be able to provide proof of eligibility to work in the USA. No Visa sponsorship is offered for this position.

_Goucher College is an Equal Opportunity Employer._