

**UNIVERSITY OF SOUTH CAROLINA**  
**DEPARTMENT OF MATHEMATICS**  
**Tenure-track Assistant Professor in Data-driven Modeling and Simulation**

The Department of Mathematics at the University of South Carolina is inviting applications for a 9-month tenure-track Assistant Professor position in data-driven modeling and simulation of complex systems. The candidate is expected to contribute to synergistically bridging important developments in emerging mathematical foundations in Data Science and Artificial Intelligence and numerical simulation of complex systems.

A successful candidate is expected to teach at all levels in the Department of Mathematics, and to participate actively in the state-wide NSF-funded EPSCOR project on AI-enabled Devices for the Advancement of Personalized and Transformative Healthcare in South Carolina. Candidates must have a Ph.D. in Mathematics by the start date of employment, an outstanding research record, a commitment to effective teaching at the undergraduate and graduate levels, and a demonstrated potential for excellence in both research and teaching. Applications must be submitted through the University's online employment system (USCJobs) at <https://uscjobs.sc.edu/postings/154173> as well as via MathJobs [<https://www.mathjobs.org/jobs/list/23326>]. A completed application will include a cover letter, curriculum vitae, description of research plans, and statement of teaching philosophy. In addition, four letters of recommendation should be made available through MathJobs. One of the letters should appraise the candidate's teaching ability.

The beginning date for the position will be August 16, 2024. Application review will begin November 3, 2023, and continue until the position is filled. Please address inquiries to [wangzhu@math.sc.edu](mailto:wangzhu@math.sc.edu).

The Department of Mathematics (<http://www.math.sc.edu/>), located in the heart of the historic UofSC campus, currently has 32 tenured and tenure-track faculty, 10 full-time instructors, 57 graduate students, and about 200 undergraduate majors. Faculty research interests include algebra, algebraic geometry, analysis, applied and computational mathematics, constructive approximation, data science, discrete mathematics, geometry, mathematical biology, mathematical education, and number theory. The University also hosts an honors college recently ranked as the nation's best among public school's honors programs, with which the candidate will have the opportunity to work.

The University of South Carolina System is composed of the state's flagship university in Columbia (founded in 1801 and currently one of the top 50 "Best Colleges" according to U.S. News and World Report), three regional comprehensive universities (Aiken, Beaufort, and Upstate), and Palmetto College consisting of four two-year campuses (Lancaster, Salkehatchie, Sumter, Union, and Fort Jackson/Extended University). Together, the UofSC System institutions offer more than 450 degree programs on campus and online and are uniquely positioned to meet the state's educational, cultural, health, and research needs. The System employs more than 15,000 people who work daily to improve the lives of students, fellow South Carolinians, and the world. Our diverse engaged faculty and staff enjoy a dynamic and intellectually stimulating work environment.

*The University of South Carolina is an affirmative action, equal opportunity employer. Minorities and women are encouraged to apply. The University of South Carolina does not discriminate in educational, or employment opportunities based on race, sex, gender, age, color, religion, national origin, disability, sexual orientation, genetics, protected veteran status, pregnancy, childbirth, or related medical conditions.*