The Department of Mathematics at the University of South Carolina is inviting applications for a tenure-track Assistant Professor position in analysis in a broad sense. The candidate is expected to contribute synergistically bridging important theoretical developments in analysis and vibrant emerging mathematical foundations in Data Science and Artificial Intelligence. Areas of special interest include Stochastic Analysis, Harmonic Analysis, Geometric Analysis, Partial Differential Equations, Dynamical Systems, Nonlinear Approximation Theory, etc.

A successful candidate is expected to teach at all levels and, especially, Real and Complex Analysis, Functional Analysis, Probability Theory, and Stochastic Analysis courses at the graduate level in the Department of Mathematics. 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/129231 as well as via MathJobs at https://www.mathjobs.org/jobs/list/20703. A completed application will include a cover letter, curriculum vitae, description of research plans, and statement of teaching philosophy. In addition, at least 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, 2023. Application review will begin November 1, 2022 and continue until the position is filled. Please address inquiries to qwang@math.sc.edu.

At the University of South Carolina, we strive to cultivate an inclusive environment that is open, welcoming, and supportive of individuals of all backgrounds. We recognize diversity in our workforce is essential to providing academic excellence and critical to our sustainability. The University is committed to eliminating barriers created by institutional discrimination through accountability and continuous process improvement. We celebrate the diverse voices, perspectives, and experiences of our employees.

From the Upstate to the Lowcountry, the University of South Carolina system is transforming the lives of South Carolinians through the impact of our eight institutions and 20 locations throughout the state. More than 50,000 students are enrolled at one of eight institutions, including the research campus in Columbia and comprehensive four-year universities in Aiken, Upstate and Beaufort. In addition, our Palmetto College campuses in Salkehatchie, Union, Lancaster and Sumter enable students to earn associate or bachelor’s degrees through a combination of in-person, online or blended learning. All of our system institutions place strong emphasis on service — helping to build healthier, more educated communities in South Carolina and beyond.

The Department of Mathematics (http://www.math.sc.edu/), located in the heart of the historic UofSC Columbia campus, currently has 32 tenured and tenure-track faculty, 10 full-time instructors, 45 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 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 on the basis of race, sex, gender, gender identity, transgender status, age, color, religion, national origin, disability, sexual orientation, genetics, protected veteran status, pregnancy, childbirth or related medical conditions.