Notice

Assistant Professor in Geometry

Position Overview: The University of Kansas seeks a tenure-track Assistant Professor in Geometry in the Department Mathematics to begin 8/18/2024. This position is a full-time, academic year appointment. The faculty member will participate in the teaching mission of the Mathematics Department, which includes courses at the undergraduate and graduate level; conduct research in Geometry leading to publication in appropriate media and to external funding as appropriate; and engage in department, College, University, and national service. Ph.D., ABD, or terminal degree is expected by the start date of appointment. The Department of Mathematics has an internationally recognized faculty and a strong graduate program leading to both the M.A. and Ph.D. degrees. The department plays a central role in advancing the research and teaching missions of the university, especially as they relate to the advancement of the STEM disciplines. Students at all levels throughout the university benefit from the research, teaching and outreach efforts of the Mathematics Department. A broad range of programs is possible including algebra, analysis, combinatorics, control theory, dynamical systems, geometry, numerical analysis, probability, statistics, stochastic analysis/control, partial differential equations, set theory, and topology. The department has a long tradition of excellence. The first Ph.D. granted west of the Mississippi was in mathematics at KU in 1895. Since then, the graduate program has been a central part of the department's research and teaching. Historic Snow Hall, which houses the department, contains state-of-the-art classrooms, lecture spaces, computer labs, and other facilities. *Ad copy also contained diversity statement, description of the university, and application instructions*

Job Duties: 40% RESEARCH: Tenure-track faculty are expected to develop and maintain an active research program which gains national recognition and is advanced substantially beyond the level of the Ph.D. dissertation. The research program and resulting publications should provide solid evidence that the faculty member is a dedicated scholar whose research will continue to develop in depth and importance throughout their career. Tenure-track faculty members are expected to publish in peer reviewed journals and to present findings at professional conferences.40% TEACHING/ADVISING: The normal teaching load in the Department of Mathematics is three courses per year. Duties include developing curricular, prepare and attend all class meetings, develop assignments, administer tests, evaluate student work, provide feedback to students, assign grades, hold regular office hours, and adhere to department, College and University policies. All faculty are expected to be active in advising. Direction of Ph.D. dissertations is not ordinarily expected of non-tenured faculty. Such faculty do occasionally advise M.A. students' work on their research components. All faculty are to take their teaching and advising responsibilities seriously and to strive for excellence in the classroom. 20% SERVICE: Tenure-track faculty are expected to participate in appropriate professional activities, such as attending department meetings, carrying out departmental committee assignments, attending national meetings or conferences, and refereeing or reviewing manuscripts for research journals and grant proposals. The faculty member should establish a record that demonstrates professional responsibility and develops capacity for the faculty member to assume future departmental, college, university and professional roles.

Required Qualifications:
- Ph.D., ABD or terminal degree in Mathematics or related fields expected by the start date of appointment (August 18, 2024)
- Research area in algebraic geometry and related areas with an emphasis on geometry

- Demonstrated commitment to excellence in teaching in mathematics as evidenced by teaching philosophy statement and/or reference letter on teaching
- Demonstrated commitment to excellence in research as evidenced by graduate coursework, dissertation research, publications, and/or externally funded research grants.

Reply to:
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