Assistant Professor of Computational and Applied Algebra/Combinatorics
Department of Mathematics and Statistics, San Diego State University

The Department of Mathematics and Statistics at SDSU invites applications for a tenure track position at the assistant professor level in computational/applied algebra/combinatorics. Exceptional candidates may be considered for higher rank. Candidates should have a Ph.D., a solid background in core areas of mathematics, a strong record of research accomplishments, experience in interdisciplinary collaboration, and potential for extramural funding. The area of research may be construed broadly to include, for example, algebraic geometry, number theory, multilinear algebra, group theory, graph theory, or lattice theory; however, there should be a computational or applied component. Of particular interest are algebraic statistics, graph and network theory, and mathematics of communication systems.

The successful candidate will be expected to develop an active relationship with members of the Department of Mathematics and Statistics. Applicants able to participate in interdisciplinary collaborations at SDSU or with partners at UC Irvine and UCSD will be given priority. This may include SDSU's Computational Science Research Center, Center for Human Dynamics in the Mobile Age or Viral Information Institute, UCI's Center for Machine Learning and Intelligent Systems or Center for Algorithms and Theory of Computation, or UCSD's California Institute for Telecommunications and Information Technology.

SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all. SDSU is seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups.

This position may also be eligible for the SDSU Building on Inclusive Excellence (BIE) hiring program that creates additional faculty lines for candidates who meet two or more of the criteria listed in http://sdsu-bie.weebly.com/. To be considered for one of these additional BIE hires, candidates should identify in their letter of application how they meet two or more of the criteria.

The person holding this position is considered a mandated reporter under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

SDSU is a Title IX, equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

Applicants should apply via Interfolio at https://apply.interfolio.com/43632. Review of applications will begin October 8, 2017 and will continue until the position is filled. Incomplete applications are not guaranteed full consideration. Please direct any questions to the Search Committee Chair, Vadim Ponomarenko, at vponomarenko@mail.sdsu.edu. The appointment will start in Fall 2018.