

Department of Mathematics  
College of Natural Sciences and Mathematics  
Assistant Professor  
Pure Mathematics  
Fall 2020

The Department of Mathematics at California State University, Fullerton, invites applications for a tenure-track position in Pure Mathematics at the Assistant Professor level with appointment to begin in August 2020. Individuals interested in advancing the University's strategic diversity goals are particularly encouraged to apply.

CSUF faculty are committed teacher-scholars who bring research and creative discovery to life for students in classrooms, labs, studios, and individually mentored projects. Candidates for this position should be Pure Mathematicians. The primary preference is for a candidate whose main research area is in Algebra (MSC2010—05, 06, 08, 11, 12, 13, 14, 15, 16, 17, 18, 20). Specific teaching responsibilities include teaching undergraduate courses in Abstract Algebra, Linear Algebra, and Introductory Proof Writing. The secondary preference is for a candidate whose main research area is in Partial Differential Equations (MSC2010—35, 83). Specific teaching responsibilities include teaching undergraduate courses in Vector and Tensor Analysis and Introduction to Partial Differential Equations. In either case, candidates will also teach other upper-division courses and various calculus courses. Additionally, the department expects the candidate to conduct research resulting in publications in high-quality peer-reviewed journals, direct faculty-student collaborative research, and to advise undergraduate students. The successful candidate will also further contribute to the mathematics community at CSUF through professional activities as well as service on departmental and university-wide committees.

### Required Qualifications

The qualified candidate must have a Ph.D. in Pure Mathematics or a related field.

### Preferred Qualifications

- At least one year of post-doctoral experience either in research or teaching.
- Demonstrated potential for excellence in teaching at the undergraduate level;
- The ability to communicate effectively with an ethnically and culturally diverse campus community;
- Potential to mentor students in research projects.

### Application Procedure

A complete on-line application must be received by electronic submission via [www.mathjobs.org](http://www.mathjobs.org) in order to receive consideration. Please provide the following required materials:

- Cover letter which addresses the required and preferred qualifications;
- Curriculum vitae, including funding history or experience;
- Research statement, including a five-year research plan;
- Teaching statement, including commitment to excellence in teaching a diverse student population;
- Statement about what attracts you to CSUF and how your professional aspirations align with our department programs and activities
- Graduate transcripts;
- Three letters of recommendation referencing the candidate's teaching and/or research potential as well as potential to be a productive member of the department; at least one of the letters must reference the candidate's teaching potential.

### Application Deadline

To be assured full consideration, all application materials must be received by Sunday **December 1, 2019**.

Anticipated Appointment Date is August 10, 2020.

Please direct all questions about the position to: Dr. Adam Glesser at [aglesser@fullerton.edu](mailto:aglesser@fullerton.edu).

### **Pure Mathematics at CSU Fullerton**

The department has an active faculty group whose research spans areas of algebra (group theory, noncommutative ring theory), analysis (mathematical physics, geometric function theory, operator theory, C\*-algebras), and geometry (algebraic geometry, differential geometry, low-dimensional topology). In addition to conducting their own research, CSUF pure math faculty engage in research projects with undergraduate students as well as teaching classes in the department's core—the set of courses taken by all undergraduate mathematics majors.

### **Mathematics Department**

The Mathematics Department has 32 tenured or tenure-track faculty members and offers an undergraduate degree program with concentrations in pure mathematics, statistics, actuarial science, applied mathematics, and teaching mathematics. The department also offers the following degree programs: M.S. in Statistics, M.A. in Applied Mathematics, and M.A. in Teaching Mathematics. Extra-curricular activity is an integral part of our department culture. We maintain a strong student research presence at the Joint Mathematics Meetings and our Putnam Team regularly scores in the top quartile. We are considered a leader in cutting edge and inclusive pedagogical practices. Our faculty often pursue and are awarded grants to fund efforts to support our students. The department currently has NSF funding to improve readiness and access to graduate school for minority students. For more details, please visit the Mathematics Department webpage at <http://fullerton.edu/math>.

### **The University and College**

California State University, Fullerton is one of the largest universities in California serving 40,000 students from southern California and especially Orange County. It is the largest of the 23 California State University campuses, the largest and most diverse university system in the country and one of the most affordable. CSUF is a designated Hispanic Serving Institution and an Asian American and Pacific Islander Serving Institution. It ranks fifth and ninth nationally in the number of baccalaureate degrees awarded to Hispanics and minority students, respectively. CSUF is an affirmative action and equal opportunity employer with a strong commitment to increasing the diversity of the campus community and the curriculum, and fostering an inclusive environment within which students, staff, administrators and faculty thrive.

“The College of Natural Sciences & Mathematics (CNSM) is dedicated to the principle that teaching and research are intricately mixed and that undergraduate research, when properly approached, is an integral part of teaching. This fine balance between teaching and research is CNSM's greatest strength. Through the combination of quality instruction, student involvement in research and strong academic advisement, CNSM provides its students with the best education possible.” ([fullerton.edu/NSM](http://fullerton.edu/NSM))

### **Additional Information**

*Multiple positions may be hired from this recruitment based on the strength of the applicant pool.*

*Salary is commensurate with experience and qualifications, and is subject to budgetary authorization and any California State University System faculty contract increases. Summer research grants, moving expenses, start-up funds, and a reduced teaching load may be available. An excellent comprehensive benefits package is available that includes: health/vision/dental plans; spouse, domestic partner and dependent fee-waiver; access to campus child-care; and a defined-benefit retirement through the state system along with optional tax sheltering opportunities. For a detailed description of benefits, please visit [http://hr.fullerton.edu/payroll\\_benefits/HealthCarePlans.php](http://hr.fullerton.edu/payroll_benefits/HealthCarePlans.php)*



*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.*

*A background check (including a criminal records check) must be completed satisfactorily before any candidate can be formally 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.*

*Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose.*