Mathematics Department

Position Title: Postdoctoral Scholar
Position Type: Annual 12-month appointment, up to two years
Position Location: Corvallis, Oregon 97331-4605, United States
Subject Area: Numerical Analysis or Algebra/Number Theory
Application Deadline: Feb 4, 2022

Oregon State University invites applications for two full-time 12-month Postdoctoral Scholar positions in Mathematics beginning September 16, 2022. The area of research for one position is Numerical Analysis and the other is for Algebra/Number Theory. Applicants should have a PhD in Mathematics or a related field by the anticipated starting date and received no earlier than September 2017. Priority will be given to candidates that complete their application by February 4, 2022.

The positions carry a teaching load of four quarter courses per academic year (fall, winter, spring) with the possibility of a one-course reduction depending on the instructional needs of the department. These are mentored positions, with mentoring directed towards research, teaching and engagement with diversity. Salary and benefit packages are detailed at https://gradschool.oregonstate.edu/postdocs/stipends-and-benefits.

The primary mission of the OSU Department of Mathematics is to provide education to undergraduate and graduate students in mathematics and to conduct research and scholarly activities in pure and applied areas of mathematics and mathematics education. The department offers PhD, MS, and BS degrees in Mathematics and has a growing student body of about 70 graduate students and more than 250 undergraduate majors. The College of Science provides a core instructional role at OSU, supporting the ideals of learning, discovery, and engagement that are the foundation of a land-grant university. The College embraces instruction and research, in disciplines ranging from the mathematical and physical sciences to the life sciences that are based in unbiased inquiry and a dedication to discovery and innovation. OSU is a public R1 research university and the largest university in the state of Oregon, with an enrollment of over 33,000 students and a sponsored-project research budget of over $380 million per year.

OSU is an Affirmative Action/Equal Opportunity employer with an institution-wide commitment to diversity, multiculturalism, and a diverse workforce and student body that is welcoming to members of historically underrepresented groups. We actively engage in recruiting and retaining a diverse workforce and student body that includes members of historically underrepresented groups. All faculty members are responsible for helping to maintain and enhance OSU's collaborative and inclusive community that strives for equity and equal opportunity.

See **https://math.oregonstate.edu** for more information about the Department of Mathematics at OSU.

Instructions to the applicants:

Submit the following items online at https://www.mathjobs.org/jobs/list/19387 to complete your application.

1) Cover Letter (limit 1 page): Summarize your qualifications and interest in the position. Identify in this letter faculty of the Department with which you would like to develop research projects.

2) AMS Cover Sheet (it is automatically completed when submitting through MathJobs).

3) Curriculum Vitae: Please list your education, relevant appointments, research publications, teaching experience, funding, and other activities relevant to the position.

4) Statement of Research (5 pages limit): Describe your research interests and main results; discuss these results in the context of larger problems in the areas of Numerical Analysis or Algebra/Number Theory as appropriate. Include in this statement research connections, potential or concrete, with research by faculty in the Department of Mathematics at OSU.

5) Statement of Teaching: (3 page limit): Describe your teaching philosophy and approaches and how these relate to your own teaching experience; discuss possible ideas of contributing to OSU's teaching mission at undergraduate and graduate levels.

6) Diversity Statement: (3 page limit): Describe your experience developing strategies for educational and professional advancement of students, faculty, or staff in underrepresented groups; list your efforts to advance equitable access and diversity in education or research, e.g. through participation in activities such as recruitment, retention, mentoring, or advising of underrepresented students, faculty or staff; discuss ideas about possible ways of contribution to diversity efforts if employed at OSU (see **https://science.oregonstate.edu/diversity-plan** for the College of Science Diversity Action Plan).

7) Statement on Commitment to Evidence-Based Free Inquiry and Tolerance to Diverse Ideas (1 page limit): OSU College of Science is committed to the principles of free inquiry based on evidence and criticism and of tolerance for diverse ideas within the academy, including those different from one's own. (See pp. 79-83 **https://accreditation.oregonstate.edu/sites/accreditation.oregonstate.edu/files/2019_y ear_seven_self-evaluation_report_with_appendices.pdf** for OSU's views on these topics.) As such, all applicants to academic positions in the College are required to submit a statement affirming their agreement with and commitment to the principles of: 1) open-mindedness for diverse ideas including those different from one's own and 2) free inquiry based on evidence and criticism. In your statement, discuss, in a paragraph for each, why these principles are important.

8) Three reference letters (to be submitted online by the reference writers at MathJobs). At least one letter should directly address your teaching abilities.

9) Electronic access to up to three publications which are most representative of your research.

Further Info:

https://math.oregonstate.edu/

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