

# Oregon State University, Mathematics

**Position ID:**

**Position Title:** Postdoctoral Scholar

**Position Type:** Annual 12-month appointment, up to two years

**Position Location:** Corvallis, Oregon 97331-4605, United States [[map](#)]

**Subject Area:** Geometry/Topology

**Application Deadline:** November 15, 2023

The Mathematics Department at Oregon State University invites applications for one full-time 12-month Postdoctoral Scholar position in Geometry/Topology beginning September 16, 2024 and ending September 15, 2025. Renewal for one additional year is available pending satisfactory completion of assigned duties. The position carries a teaching load of three (3) quarter courses per year and is supported by a formal faculty mentoring program. Applicants should have a PhD in Mathematics or a related field by the anticipated starting date and received not earlier than September 15 2018. Priority will be given to candidates that complete their application by November 15, 2023.

The primary mission of the OSU Mathematics Department 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 has an institution-wide commitment to diversity, inclusive excellence, and community. We actively engage in recruiting and retaining a diverse workforce and student body that includes members of historically underrepresented groups. We strive to build and sustain a welcoming and supportive campus environment. OSU provides leadership opportunities for people interested in promoting and enhancing diversity, nurturing creativity and building community. All employees are responsible for helping to maintain and enhance OSU's collaborative and inclusive community that strives for equity and equal opportunity.

The College of Science is deeply committed to upholding the values of anti-racism, diversity, justice and equity — cornerstones of institutional and scientific excellence. Through our rich collection of people, ideas and perspectives, we engage in a healthy, constructive dialogue to learn, inform our research and make discoveries. Our Diversity Action Plan (<https://science.oregonstate.edu/diversity-plan>) informs our work to ensure all have equitable access to succeed in science, work to dismantle systems of oppression, embed equity in everything we do and create a climate of trust, understanding and inclusion.

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

See <https://gradschool.oregonstate.edu/postdocs> for information about the OSU Postdoctoral Scholar program.

## **Instructions to the applicants:**

Submit the following items online at this website to complete your application.

1) Cover Letter (limit 3 pages): Summarize your qualifications and interest in the position. Identify in this letter faculty of the Department with interest in Geometry/Topology with which you would like to develop research projects. You could include in this cover letter your Commitment for Free Inquiry described in more detail in 7)

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 Geometry/Topology or Mathematics in general.

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): In this statement, describe your demonstrated commitment to diversity, equity and inclusion which can be related to professional work, volunteer work or in one's personal life. The College of Science values your experience working with or supporting individuals with marginalized identities of race, ethnicity, class, gender, sexual orientation, ability, status and others.

7) Commitment to Evidence-Based Free Inquiry and Tolerance to Diverse Ideas (1 page limit or to be included in cover letter): Describe your philosophy to open-mindedness for diverse ideas within the academy including those different from one's own and a commitment to free inquiry based on evidence and criticism. OSU references and context can be found in OSU's self-study for accreditation, particularly p.79-83:

[https://accreditation.oregonstate.edu/sites/accreditation.oregonstate.edu/files/2019\\_year\\_seven\\_self-evaluation\\_report\\_with\\_appendices.pdf](https://accreditation.oregonstate.edu/sites/accreditation.oregonstate.edu/files/2019_year_seven_self-evaluation_report_with_appendices.pdf)

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 in Geometry/Topology.

## **Further Info:**

<https://math.oregonstate.edu/>

[Deanne Murray <deanne.murray@math.oregonstate.edu>](mailto:deanne.murray@math.oregonstate.edu)

541-737-5135

368 Kidder Hall  
Corvallis, OR 97331

