



**Ambitious Math and Science Teaching Fellows (AMS-TFs)
Oregon State University**

**A project funded by
National Science Foundation (NSF)
Robert Noyce Teacher Scholarship Program: Track 2**

**Application Information
Due March 15, 2017 or until filled**

The College of Education and College of Science mathematics and science education faculty invite you to apply to be an **Ambitious Math and Science Teaching Fellow (AMS-TFs)**.

This NSF supported project provides a *forgivable loan** to support fellowships, academic programs, professional development, and salary supplements for STEM professionals, who enroll and complete a master's degree program leading to teacher licensing; these individuals, referred to as NSF Teaching Fellows, commit to teaching for four years in high-need local educational agencies. The aims of the scholarship program are to promote (1) high-quality, research-based math or science specific teacher preparation master's program and (2) the induction of high-quality STEM teachers into the profession.

To meet the NSF's project aims, OSU's AMS-TFs program will provided eight fellowships to qualified candidates seeking a masters and teaching license in the Master's of Science (MS) in Education with a focus on Mathematics Education or Science Education program and who are committed to working within a high-needs secondary education institution upon completion of the degree and securing of a teaching license.

Fellows receive the following support:

- Academic Year graduate tuition remission for masters and licensure program (in or out of state students welcome)
- \$16,000 fellowship to cover summer tuition, fees, and living expenses while attending the graduate program
- \$10,000/year (4 years total) salary supplement while working in high-needs school to participate in project activities and evaluation. These funds are to cover tuition for OSU Math and Science Summer Institute, participation in on-going project activities, and participation in Teachers Development Group (TDG) professional development.
- Tuition to TDG Leadership Seminar each year post masters for duration of project.
- \$1000/year (5 years for cohort 1 and 4 years for cohort 2) travel support to attend OSU Math and Science Summer Institute.



The application process includes the evaluation of requested documents (listed on following page) and possible interview with applicants to ensure strong fit with fellowship aims.

Please submit the following documentation.

- 1) A three-four page, double-spaced narrative describing:
 - your professional goals for becoming a math or science educator,
 - your commitment to working with students from diverse linguistic, racial, ethnic, or economic backgrounds in high-needs educational settings,
 - experiences which led you to making this commitment to work with diverse students, and
 - your dedication to on-going learning as a new educator.
- 2) A letter of reference supporting your commitment to working with diverse students. You may reference applicable letters already submitted for graduate admission.
- 3) A writing sample that attends to one of the following topics: (1) teaching or learning of mathematics or science, (2) issues of difference, power, and discrimination, or (3) social, political or educational issue of working within diverse communities.

Submit these documents as one PDF to: **Paula Dungjen, email to:**
paula.dungjen@oregonstate.edu

Please name file with the following protocol:
Your last name_AMS2017_OSUNoyceFellowship

*The National Science Foundation Robert Noyce Teacher Scholarship program fellowship is a forgivable loan. For each year of teaching in a high needs school, a portion of the loan is forgiven with the total loan forgiven after four years of teaching.



Ambitious Math and Science teaching Fellows
Robert Noyce Scholarship Application Review
Spring 2016

Applicants are committed to teaching for 4 years in a high-needs educational agency.

Application Requirements

- 4) A three-four page, double-spaced narrative describing:
 - your professional goals for becoming a math or science educator,
 - your commitment to working with students from diverse linguistic, racial, ethnic, or economic backgrounds in high-needs educational settings,
 - experiences which led you to making this commitment to work with diverse students, and
 - your dedication to on-going learning as a new educator.
- 5) A letter of reference supporting your commitment to working with diverse students. You may reference applicable letters already submitted for graduate admission.
- 6) A writing sample that attends to one of the following topics: (1) teaching or learning of mathematics or science, (2) issues of difference, power, and discrimination, or (3) social, political or educational issue of working within diverse communities.

Name of Applicant

Name of Reviewer

A) Written Statement Evaluation Criteria: (1 low, 2 fair, 3 supportive, 4 exemplary)

1. Strength of goals & commitments to *math or science education profession*
2. Strength and appropriateness of *commitment* to diversity (linguistic, racial, ethnic, or economic)
3. Strength and appropriateness of *experiences* leading to commitment to work with diverse students

B) Strength of Reference (1 low, 2 fair, 3 supportive, 4 exemplary)

C) Writing Sample Evaluation Criteria: (1 low, 2 fair, 3 supportive, 4 exemplary)

1. Coherence of ideas
2. Clear focus aligned to #3 above
3. Strength of academic writing



Mode score:

Median score: