



## MATHEMATICS EDUCATION TRUST

# Opening Gates for Prospective Teachers

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**PURPOSE:**

The purpose of this grant is to honor the memory of Dr. James Gates, past executive director of the National Council of Teachers of Mathematics, by providing electronic student memberships for prospective teachers of mathematics at all levels, Prek-12. Dr. Gates served the council as Executive Director for 31 years and was most concerned with membership and member services in his tenure. To honor that service, this award funds NCTM electronic student memberships.

**SUPPORTED BY:** James Gates Fund

**GRADES:** Students in their final year of a teacher preparation/certification programs at colleges and universities

**GRANT AMOUNT:** Maximum of \$490 in funding to support up to 10 student electronic memberships at \$49.00 per membership

**DEADLINE:** May 1

**ELIGIBLE APPLICANTS:**

- Leaders of teacher preparation/certification programs who
  - are NCTM members.
  - actively teach in a teacher education program that certifies teacher candidates in mathematics, mathematics education, or elementary education.
- No institution is eligible to submit more than one Opening Gates for Prospective Teachers award in one application period.

**INDIVIDUAL AWARD OR ORGANIZATIONAL AWARD:** Organizational

**MEMBERSHIP REQUIREMENT:**

The applicant must be a current (on the day of the application) Essential or Premium member of NCTM.

**GENERAL PROPOSAL INFORMATION:**

- Proposals must address how students are to be chosen for the individual memberships showing how to differentiate the different levels of students who may receive memberships. For example, a criterion might be a mathematics teaching major for secondary or middle school, or a mathematics specialization for lower grade teachers.
- The successful application might identify how Gates funded memberships could leverage additional outside funding for additional memberships.
- Memberships will be completed within the first month of the start of classes at the colleges and universities. After successful awards have been made and names of students are sent to MET, MET will pay NCTM directly for the student memberships.
- Eligible students must be in their final year of the certification process.

## AWARD APPLICATION INFORMATION

### PROPOSAL COMPONENTS:

Use the components below to outline your proposal. See rubric for additional information.

#### **I. Proposal (Three pages maximum; single-space, 12 font, 1 inch margin)**

##### A. Plan

- Describe the demographics of the teacher certification program.
- Describe the selection process and criteria to be used for student selection for membership awards (target date for submission of student names to NCTM by October 15).
- Describe the action plan for integrating NCTM student memberships into your program.
- Describe how the selected students will be recognized on campus to help promote teacher programs in teaching mathematics.

#### **II. Budget (One page maximum; table format)**

- No indirect costs of any kind.
- Include an itemized budget, presented in line-item table format, indicating the number of students who will become NCTM members using the Gates funds and additional matches if any.

#### **III. Background and Experience**

Provide a one-page maximum vita, outline format preferred, for the primary applicant that includes:

- Formal education: institution, type of degree, major, minor, and date each degree was granted.
- Teaching experience related to this proposal. Indicate school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.
- Show any pertinent memberships in other professional organizations promoting mathematics teaching and/or research.

#### **IV. Letter of Support**

Provide a letter from your department chair, division chair, or dean, one-page maximum, that:

- Must be on official school letterhead and signed by the administrator.
- Confirms applicant's teaching status, demonstrates strong support for the proposal and the applicant's ability to accomplish it, and verifies program demographics.

#### **FINAL REPORT REQUIREMENTS:**

Awardees will be required to submit a brief report (two single-spaced pages max) which provides anecdotal evidence that the student memberships had an impact on students' learning and mindset.

#### **AWARD AND PAYMENT SCHEDULE:**

- Award notification will be made by early July.
- NCTM student memberships will be paid for by MET from the James Gates Fund upon MET receiving names and contact information for the students no later than October 15 with membership to begin shortly thereafter.