



2009-2010 DOCTORAL DIVERSITY FELLOWSHIPS IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

Office of Diversity and Educational Equity Office of the Provost and Vice Chancellor for Academic Affairs

The Office of Diversity and Educational Equity (ODEE) announces the Doctoral Diversity Fellowships in Science, Technology, Engineering and Mathematics (STEM).

ODEE, which reports to the Provost and Vice Chancellor for Academic Affairs, was established in part to “increase the number of underrepresented graduate and undergraduate students applying for admission to and attending the University.” The Doctoral Diversity Fellowship is one among a number of initiatives that are intended to achieve this goal. Moreover, this initiative contributes to SUNY’s mission “to provide the people of New York educational services of the highest quality, with the broadest possible access representative of all segments of the population.”

The President of the National Academy of Engineering explained that the nation’s economic leadership and national security would likely decline if universities fail to increase the participation of minorities in STEM fields. According to the Woodrow Wilson National Fellowship Foundation, doctoral granting institutions have a poor diversity record conferring only 11 percent of doctoral degrees to U.S. citizens who were African American or Hispanic. SUNY’s figures are comparably low. The SUNY Office of Institutional Research reports that in the 2006-07 academic year 9.2 percent of SUNY doctoral degrees in the sciences were conferred to students from these historically underrepresented populations.

Diversity is an indispensable component of academic excellence. Research by Scott E. Page demonstrates that diversity contributes to improved problem solving and enhanced learning outcomes, particularly in the fields of science and engineering. As one of the nation’s largest public universities in one of the most demographically diverse states in the union, SUNY has a particular interest in developing creative approaches to expand diversity in its science and engineering doctoral programs.

The STEM fellowships are awarded to academically exceptional students who have been admitted to SUNY’s doctoral granting institutions and will commence their graduate studies in science, technology, engineering and mathematics fields during the 2009-10 academic year. To be eligible, students must be U.S. citizens. Institutions are advised to nominate students who overcame a disadvantage or notable impediment, including economic hardship, to

graduate from college. Membership in a racial/ethnic group that is historically underrepresented in STEM doctoral programs within SUNY may serve as a plus factor in the institution's decision to nominate a student for a Doctoral Diversity Fellowship award.

ODEE will award annual stipends of \$20,000 for three years to three entering doctoral students.

The Chief Academic Officer will nominate the candidate(s) to ODEE and must demonstrate how the student will contribute to the diversity of the graduate student body. The nomination must include a copy of student's application portfolio and a statement from either the Graduate Dean or Academic Unit head attesting to the student's academic qualifications for graduate work. Four complete packets should be delivered to ODEE by January 16, 2009.

Disbursement of funds under the Doctoral Diversity Fellowship Program is contingent on the institution granting a full tuition waiver or tuition offset during this period. Institutions are also required to guarantee financial support for the fourth and fifth year of graduate studies for students who are in good academic standing and making progress toward the completion of the doctoral degree.

Awards will be announced on January 30, 2009.

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UNIVERSITY AT BUFFALO / SUNY

**SUNY STEM DOCTORAL DIVERSITY FELLOWSHIP PROGRAM
NOMINATION FORM FOR 2009-2010**

Please type all information and submit one (1) original and four (4) copies of all materials to the Graduate School, 408 Capen Hall, North Campus by January 12, 2009.

1. Nominee's Name: _____
Last First Middle

UB Person Number (if known): _____ Gender: ___Male ___Female

Race/Ethnicity: ___African American ___Hispanic American ___Native American ___Other

Current Mailing Address: _____

Permanent Mailing Address: _____

2. Nominating School/Department: _____

3. Nominee's Ph.D. Program: _____

4. Grade Point Average:

GPA Institution(s) Attended Major Field

Total Undergraduate _____

Undergraduate Major _____

Total Graduate (if any) _____

5. National Standardized Test Scores (GRE or Equivalent)

A. Graduate Record Examination (GRE):

Does your degree program require the GRE? _____ Yes _____ No

Nominee's GRE scores:	Score	Percentile
<i>Verbal</i>	_____	_____
<i>Quantitative</i>	_____	_____
<i>Analytical or Analytical Writing</i>	_____	_____
<i>Subject Test (Field: _____)</i>	_____	_____

B. Other Standardized Tests(s):

Title (e.g., GMAT, LSAT) and score: _____

6. Citizenship: _____ U.S. Citizen _____ U.S. Permanent Resident

7. Is nominee a New York State resident? _____ Yes _____ No

8. Indicate if nominee participated in one of the following New York State programs as an undergraduate:

EOP (Educational Opportunity Program)	_____ Yes	_____ No
HEOP (Higher Education Opportunity Program)	_____ Yes	_____ No
SEEK (Search for Education, Elevation & Knowledge Program)	_____ Yes	_____ No

9. Department Chair's Approval of this Nomination:

Signature

Date: _____

Printed Name

10. Dean's Approval of this Nomination:

Signature

Date: _____

Printed Name

11. Are the following items attached?

- A. Department/unit letter of support that demonstrates how the particular circumstances and characteristics of the nominee will bring added diversity to the student's doctoral degree program. Yes No
- B. Copies of nominee's letters of recommendation, all educational transcripts, and certification (copies) of official standardized test scores. Yes No
- C. Any materials from the nominee's application for admission that would provide additional insight (e.g., personal statement, career objectives, research experience, publications, honors, professional work experience, writing samples, etc.). Yes No