



# Application for Participation in the GEM Consortium

## I. UNIVERSITY PROFILE AND DIVERSITY:

A. University: \_\_\_\_\_

Primary contact person and contact information:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Department: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Tele: \_\_\_\_\_ E-mail: \_\_\_\_\_

B. Briefly describe initiatives currently in place at the university to recruit or retain competitive domestic students. Discuss programs for graduate students or efforts to retain students in engineering, computer science, or the natural sciences, please describe them. *(In this document, "Natural sciences" refers to chemistry, physics, mathematics, earth sciences, biological sciences, and environmental science.)*

C. List student organizations on campus for students in science or engineering:

- D. Describe career planning and placement assistance programs for students in engineering or natural sciences, with emphasis on those programs for students seeking faculty or post-doctoral positions.

Please attach the mission/vision statement of your university, along with the Graduate School's non-discrimination policy. If there is no such statement for the graduate school, please attach the non-discrimination statement for the science or engineering college if available.

**II. THE STUDENT BODY:**

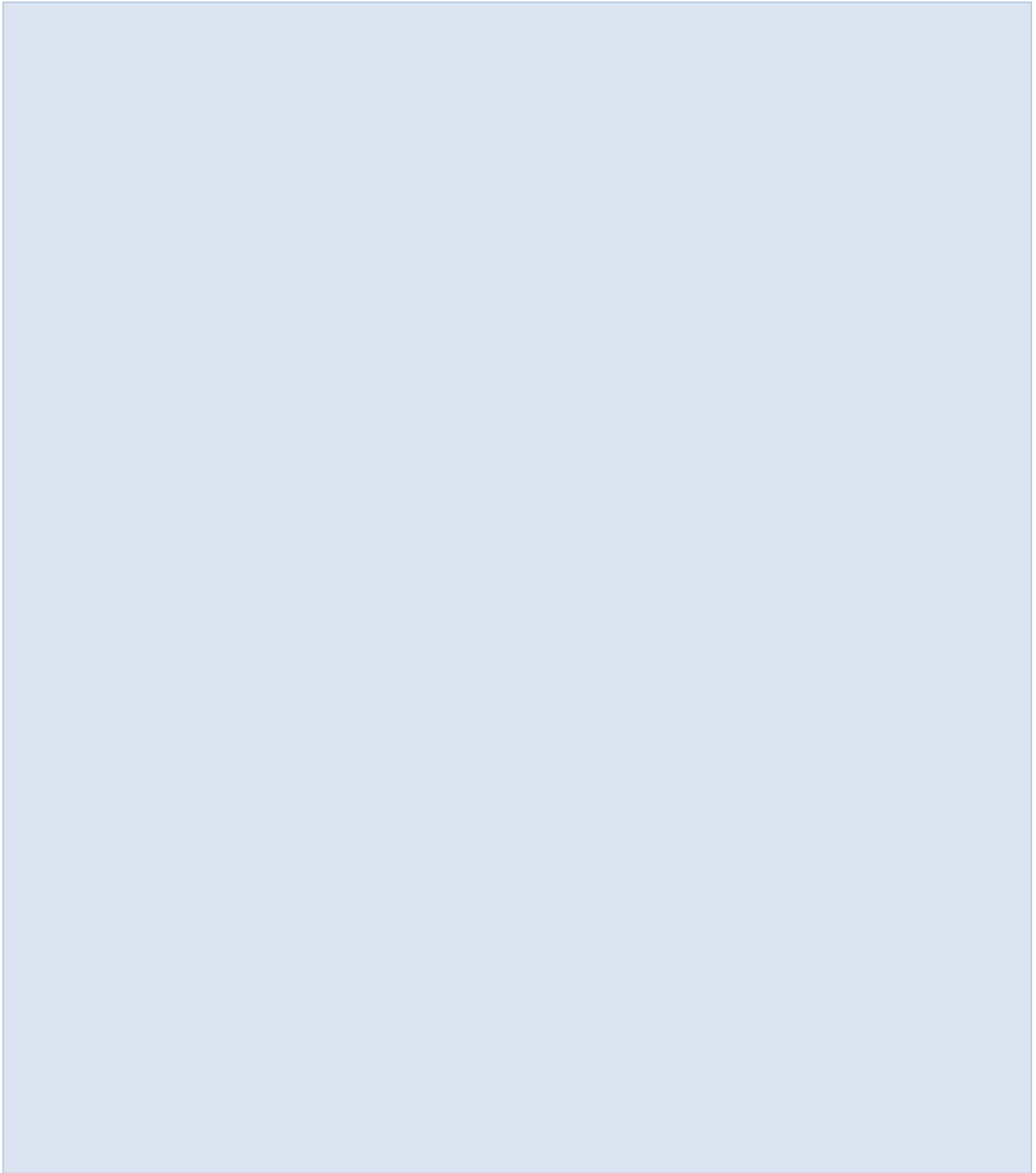
- A. The GEM program is designed to assist engineering students and those in natural science disciplines (chemistry, physics, earth sciences, mathematics, biological sciences and computer science.) Please provide the following figures averaging over a five-year period:

| UNIVERSITY ENROLLMENT               | Total | Men | Women | Minorities | U.S. | International |
|-------------------------------------|-------|-----|-------|------------|------|---------------|
| Undergraduate Enrollment            |       |     |       |            |      |               |
| Graduate Enrollment                 |       |     |       |            |      |               |
| Bachelor's Degrees Awarded per year |       |     |       |            |      |               |

| ENGINEERING ENROLLMENT            | Total | Men | Women | Minorities | U.S. | International |
|-----------------------------------|-------|-----|-------|------------|------|---------------|
| Undergraduate Enrollment          |       |     |       |            |      |               |
| Graduate Enrollment               |       |     |       |            |      |               |
| Master's Degrees Awarded per year |       |     |       |            |      |               |
| Ph.D. Degrees Awarded per year    |       |     |       |            |      |               |

| NATURAL SCIENCE ENROLLMENT     | Total | Men | Women | Minorities | U.S. | International |
|--------------------------------|-------|-----|-------|------------|------|---------------|
| Undergraduate Enrollment       |       |     |       |            |      |               |
| Graduate Enrollment            |       |     |       |            |      |               |
| Ph.D. Degrees Awarded per year |       |     |       |            |      |               |

B. Explain how you anticipate your participation in GEM will impact the number of domestic science and/or engineering students on campus and the quality of the education experience those students have.



III. **INSTRUCTIONAL STAFF** (including faculty)

A. Please complete the table below with numbers of faculty in engineering, natural sciences, and computer science.

| Science or Engineering College or Department | Total Faculty | Male | Female | Minority | Minority Administrators |
|--|---------------|------|--------|----------|-------------------------|
| <b>Name</b>                                  |               |      |        |          |                         |
| 1. Engineering                               |               |      |        |          |                         |
| 2. Natural Science                           |               |      |        |          |                         |
| 3. Computer Science/Computing                |               |      |        |          |                         |

B. Provide evidence that the faculty members and the departments are committed to mentoring, guiding, and counseling graduate students.

C. Please describe the mentoring envisioned for potential future GEM Fellows – to make them aware of GEM and help them build a resume that will allow them to prepare a more competitive GEM Fellowship application.

D. University administrator to whom the GEM Representative will report (*include name and title*):

**IV. STUDENT FUNDING**

Total \$ \*awarded to Undergrad students per year      Total \$ \*awarded to graduate students per year      % of dollars awarded to Undergrad Minorities      % of dollars awarded to Graduate Minorities

% of dollars awarded to domestic graduate students      % of dollars awarded to international graduate students

Total \$ monthly stipend of average supported graduate student      Total \$ monthly stipend planned for GEM Fellow (including supplement)      Total annual research \$ received by the university for science and engineering.

**\*Include fellowships, scholarships, internships, teaching assistantships, research assistantships**

**V. CORPORATE SPONSORSHIP**

A. In the table below, please list up to 5 corporations that hire your students.

| Corporation's Name | GEM Membership |   | Expressed interest in GEM Membership |   | University willing to talk with corporation about GEM membership* |   |
|--------------------|----------------|---|--------------------------------------|---|---|---|
|                    | Y              | N | Y                                    | N | Y   | N |
|                    | Y              | N | Y                                    | N | Y   | N |
|                    | Y              | N | Y                                    |   |   |   |

