



GRADUATE FELLOWSHIPS IN ENGINEERING

(www.missouri.edu/~engk12, click NSF InSITE for more info. about program)

Eight \$30,000 graduate fellowships plus full tuition are available to qualified graduate students in the Mechanical, Electrical & Computer, and Biological Engineering Departments, and in Computer Science, under an NSF sponsored GK-12 Fellows program. The graduate students benefit by experience and training in teaching and mentoring skills, and in improving their overall marketability.

Responsibilities: This renewable 1-year position begins July or August, 2006. The Fellowship responsibilities include:

- Participate in a 4-day Teachers/Fellows Summer Institute (July or Aug 06)
- Work with teachers outside of class (5 hrs/week year long) to plan instruction using design activities; work with teachers in classrooms (10 hrs/week year long) to demonstrate engineering design projects; work with teachers to form Future Scientists and Engineers Clubs in G6-9 grades.
- Participate in select teaching/leadership enrichment programs on campus.
- Maintain the regular load and demonstrate progress toward assigned research.

Requirements:

- B.S./M.S. in mechanical, electrical, computer or biological engineering, computer science, physics, or a related discipline.
- US citizenship or permanent resident status.
- Excellent scholastic record and a strong aptitude in math and science.
- Excellent written and oral communication skills.
- Formal admission as a graduate student to University of Missouri-Columbia.

Submit your (i) application, (ii) curriculum vitae, (iii) statement of purpose, (iv) official transcript, (v) GRE scores, and (vi) three letters of recommendation, to:

Dr. Satish Nair, E-2412 Lafferre Hall, College of Engineering, University of Missouri, Columbia, MO 65211; email: nairs@missouri.edu.

The 'application' part of your submission packet should include the following information in the order listed: name, citizenship status, social security number, date of birth, home address, home phone number and email address. It should also have the names and dates of all colleges or universities you attended, any awards you received, and names and contact information for three faculty references. The other items to be included in the packet are listed above. The statement of purpose should include the applicant's background and interest in GK-12 activities.

For further information about the GK-12 component contact Dr. Satish Nair at the address above or visit the site www.missouri.edu/~engk12, click NSF InSITE. For information about the research component, contact the faculty below; you are required to select one of them as your major advisor:

Dr. S. Gangopadhyay (Electrical & Computer Engineering)

Dr. S. Grant (Biological Engineering)

Dr. S. Nair (Electrical & Computer Engineering)

Dr. M. Skubic (Electrical & Computer Engineering, and Computer Science)

Dr. M. Chandrasekhar (Physics)

Application Deadline: April 30, 2006.