DEPARTMENT FELLOWSHIPS

New Department of Civil and Environmental Engineering fellowships are available for up to four Doctoral students. The fellowships include tuition and stipend.

Students supported by the fellowship are expected to promote and further one of the four specified areas of interest while working toward their Ph.D. degree. Excellent verbal and written communication skills are required.

COMMITTED TO DESIGNING CLEAN, SAFE, PROGRESSIVE, AND PROSPEROUS SURROUNDINGS!

A civil or environmental engineering Doctoral degree allows you to be a facilitator of change on a global scale for our infrastructure and environment. The FAMU-FSU College of Engineering provides the opportunity to work with students and faculty members from all over the world. You will build relationships that will facilitate the perfection of your passions as well as participate in cutting edge research, planning, and design. Please visit us online for more information at https://eng.famu.fsu.edu/cee/research.

Fellowships are 75% teaching and 25% research. After the initial fellowship support, research assistantship (100% research) is likely.

FOUR AREAS OF INTEREST

AREA 1. FACILITATION OF MATERIAL/STRUCTURAL EXPERIMENT

- Requirements: Experience in materials/structural testing and data acquisition systems; Proficiency in LabView; Experience in professional preparation of engineering reports (e.g.; Master Thesis, or technical reports).

- Expectations: Teach Civil Engineering Materials Lab; Facilitate materials/structural testing and grade laboratory reports.

- Research opportunities available.

AREA 2. FACILITATION OF ENVIRONMENTAL EXPERIMENT

- Requirements: Solid background in environmental engineering and related areas. Hold a master’s in environmental engineering or closely related area; plus, wet lab experiences.

- Expectations: Teach Environmental and Hydraulic Lab, including wastewater treatment and open channel flow; Prepare lecture slides based on the lab manual; Guide students to conduct environmental and hydraulic labs; Hold regular office hours and grade lab reports; Maintain major chemistry analysis instrumentation including HPLC, IC, GA/MS, AA, and TOC.

- Research opportunities available.

AREA 3. FACILITATION OF SURVEYING AND TRANSPORTATION RESEARCH

- Requirements: Surveying and GIS.

- Expectations: Teach Geomatics Lab; Facilitate GIS usage.

- Research opportunities available.

AREA 4. FACILITATION OF TEACHING BY TEACHING ASSISTANTS

- Requirements: Interest and experience in teaching; Solid background in mechanics.

- Expectations: Teach Engineering Mechanics; Attend seminars for effective teaching; Work with other teaching assistants to improve teaching; Prepare recitation material and lead students as well as other teaching assistants through recitation sessions.

- Research opportunities available.

HOW TO APPLY

Interested students can apply through either FAMU or FSU. The deadline for priority consideration is January 15, 2019 for the Fall 2019 Term. The final deadline is April 1, 2019, but some or all positions may not be available for the second deadline.

To be considered for the CEE Department Fellowship, you must include the following details in your statement of purpose within your PhD admission application.

1. Begin the statement of purpose by indicating your interest in applying to the Doctoral Fellowship.

2. Explicitly state which one of the four areas you are interested in. (indicate number & full title of area)

3. In your statement of purpose, explain:
   a. Your qualifications for the fellowship;
   b. How/why this fellowship will help achieve your career goal.


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