

Application for the College of Engineering - Board of Regents Ph.D. Fellowship

Due Date: July 15, 2011

INTRODUCTION

This award was established through an award to the College of Engineering from the Board of Regents. The Ph.D. Fellowship is \$30,000 from the Board of Regents and a \$5,000 supplement from the student's home department for a total award of \$35,000 per year for four years. The departmental supplement will not add additional duties/obligations beyond those of the Fellowship.

The award comes with a tuition waiver. In addition, the student will be eligible for the Graduate Assistant Insurance Benefit if they enroll on one of LSU's two student health plans. The insurance exemption is worth \$350 per semester (fall and spring). Fellows will devote full-time effort to their graduate work for all three semesters of the year (fall, spring, summer). Attendance at national meetings is very important to the scholarly development of the Ph.D. student. The home department of each Fellow will provide, if available, up to \$500 annually for the cost of travel to appropriate technical meetings.

The applicant must be a U.S. Citizen or permanent resident planning to enroll in one of the College's engineering programs. The requested Fellowships are focused in four overlapping areas that all relate to economic development: 1) energy (broad energy platform and environment, 2) coastal and ecological engineering, 3) materials science and engineering and 4) infrastructure (natural and built).

The use of the Fellowships is in line with LSU's and Board of Regent's missions: 1) increase the total number of high quality graduate students, especially in doctoral fields that complement research strengths and in key areas of leadership and development for the state, 2) continue to increase the diversity of engineering graduate students and 3) increase the quality and competitiveness of graduate programs through targeted investments and strategic review.

These awards are for entering graduate students only – not those currently enrolled. New students should be recruited from other institutions, if possible. Those applying for the Ph.D. Fellowship must already hold a M.S. degree or will have received a M.S. degree before the start of the Fellowship. Preference, all else equal, will be given to external and underrepresented and underserved students. Additional details are attached.

The BoR Fellowship for Ph.D. students is for 4 years – tentatively, up to three will be available starting August 2011 or January 2012.

ELIGIBILITY

The minimum criteria for eligibility include:

1. GPA of 3.5 (for both the undergraduate and M.S. degrees) on a 4.0 scale
2. Acceptable verbal and quantitative scores on the GRE – use of a cutoff number for GRE is not recommended and not applied.
3. The applicant must have completed a M.S. degree program at the time of receiving a Ph.D. Fellowship.

APPLICATION REQUIREMENTS

1. Cover page (form attached to this application packet)
2. Items II-VIII listed on the cover page

REQUIREMENTS TO MAINTAIN THE FELLOWSHIP

1. A semester and cumulative GPA of at least 3.5/4.0 must be maintained.
2. The student must satisfactorily pass the Qualifying and General Exams required by his/her respective home department.
3. Two of the following must be accomplished to be eligible for the 4th year of funding: 1) publish at least 2 (or have accepted for publication) refereed journal articles, 2) file a patent application, 3) complete a technology transfer to industry or 4) present a talk at a national conference.
4. Participation each semester in a K12 activity.

LSU College of Engineering Board of Regents Ph.D. Fellowship Application

I. INFORMATION ABOUT APPLICANT

Name _____
(Last) (First) (Middle)

Permanent Mailing Address _____
(Street) (City) (State) (Zip)

Telephone Number _____ Date of Birth _____
(Month) (Date) (Year)

Email Address _____

Sponsoring Department and Faculty Member _____

II. TRANSCRIPTS (official) OF ALL COLLEGE WORK TO DATE

Attach Copies. Initial to indicate these have been attached: _____

III. GRE SCORES

Attach copy. Initial to indicate this document has been attached: _____

IV. RESUME

Attach copy – 2 page limit. Initial to indicate this document has been attached: _____

V. One-page statement on how Fellowship will impact economic development within the College Initiatives. Initial to indicate this document has been attached: _____

This statement should be developed in concert with the proposed major advisor. The statement must discuss how the intended research will impact economic development within the College Initiatives. This effort will ensure a “good fit” between the student and the faculty member. In addition, this statement will provide a description of the student’s communication skills.

VI. One-page statement of the applicant’s future goal of entering the academy. Initial to indicate this document has been attached: _____

This statement should include the applicant’s thoughts on service to K-12 and how this will fit into the student’s Ph.D. program.

VII. Letter from the Department Chair confirming the \$5,000 supplement. Initial to indicate this document has been attached: _____

VIII. Letters from three references who can attest to the applicant’s ability to complete a doctoral program. Initial to indicate these documents have been attached: _____

Signature of Applicant

Date