



Engineering Graduate Studies Committee – Annual Committee Report for 2006-2007

The Engineering Graduate Studies Committee met nine times during the 2006-2007 academic year. The major committee actions and initiatives are listed below.

1. The committee contributed to planning two Engineering graduate recruiting initiatives aimed at enhancing the visibility and competitiveness of the Engineering Graduate Programs. The first one is a new web page that features graduate students’ research, and provides opportunities to contact the students. The page can be viewed at <http://engineering.tufts.edu/GraduateResearch.asp>. The second event is the *Graduate Engineering Open House* held on March 9-10, 2007 in the School of Engineering and in all Engineering Departments.
2. The committee has developed a new form that all departments must submit to the Office of Graduate Studies to communicate planned offers of graduate assistantships or graduate tuition scholarship to ALL graduate students (both new and continuing students).
3. After reviewing the department nominations for Provost’s and Dean’s Graduate Fellowships, the committee nominated 4 graduate applicants for Provost’s Fellowships, and awarded 9 Dean’s Fellowships (one of them in the area of Energy Sustainability). All 4 nominations for Provost’s Fellowships have been approved by the Graduate Education Council. The list of recipient of the 2007 Fellowships is below, together with the decision to accept the award and join the Engineering graduate program (in the case of a decline, the institution in which the student has enrolled is indicated in parentheses). The Provost’s and Dean’s Fellowships entail a supplemental stipend of \$10,000/year for two years (in the case of the Provost’s Fellowships, \$5,000/year are contributed by the Provost’s office, and \$5,000 by the Engineering Dean’s office), with required department cost matching and a commitment to maintain support of these students through their doctoral studies.

PROVOST’S FELLOWSHIP:

<i>Name</i>	<i>Dept.</i>	<i>Institution</i>	<i>Program</i>	<i>Decision</i>
Stephanie Rosenthal	CS	Carnegie Mellon	PhD	NO (Carnegie Mellon)
Ross Marklein	BME	GeorgiaTech	PhD	NO (UPenn)
Stephanie Grainger	ChBE	Univ of New Hampshire	PhD	NO (Univ of Michigan)
Charles Banos	BME	Syracuse Univ	PhD	YES

DEAN’S FELLOWSHIP:

<i>Name</i>	<i>Dept.</i>	<i>Institution</i>	<i>Program</i>	<i>Decision</i>
Shay Mozes	CS	Tel Aviv Univ	PhD	NO (Brown)
Etosha Cave	ME	Olin College	PhD	NO (Stanford)
Phillip Flanders	CEE	Rose-Hulman Tech	MS/PhD	NO (Johns Hopkins)
Kate Smits	CEE	Univ of Texas at Austin	PhD	NO (Colorado School of Mines)
Juan Zeng	ECE	Harbin Tech, China	PhD	YES
Zheng Feng	BME	Shanghai Inst of Optics	PhD	YES
Hua Jiang	ECE	Shanghai Jiao Tong Univ	PhD	NO (Univ Minnesota Twin Cities)
Chung-Cheng Wang	ECE	Cornell Univ	PhD	NO (UC Irvine)

DEAN’S ENERGY SUSTAINABILITY FELLOWSHIP:

<i>Name</i>	<i>Dept.</i>	<i>Institution</i>	<i>Program</i>	<i>Decision</i>
Brian Ricks	CBE	Clarkson Univ	PhD	YES

4. The committee discussed admission deadlines and agreed to move the fall deadline up to January 15th for all departments. This will provide departments with some extra time to evaluate the graduate applications for admission decisions, selection of Fellowship nominations, and planning for the Graduate Open House.
5. The committee reinforced the tuition scholarship policy that sets a minimum graduate assistantship stipend of \$1,556/month for at least 9 months (\$14,000/9 months or \$18,667/12 months) to give full tuition scholarships to graduate students.
6. The committee reviewed several students nominated by their departments for two Engineering award programs. The following students have been selected by the committee to receive the Engineering Graduate Awards:
Award for Outstanding Graduate Contributor to Engineering Education: Orit Shaer (Computer Science).
Award for Outstanding Graduate Researcher: Jonathan Levitt (Biomedical Engineering) and Jeongah Yoon (Chemical and Biological Engineering).
 Furthermore, Umaa Rebbapragada (Computer Science) has received the Robert P. Guertin Student Leadership Award, which is awarded in both GSAS and SoE.
7. The committee reviewed a proposal for a School-wide Master's program in Biotechnology, originated by an ad-hoc committee with representation from all Engineering departments, Chaired by David Kaplan (BME). The committee unanimously voted in favor of the concept of a School-wide degree, with individual departmental tracks, for which academic and admissions decisions reside with an interdepartmental faculty committee rather than with any specific department. The graduate committee thus formally endorsed the concept, and recommended that it be further developed by the ad-hoc biotechnology committee, which should include a representative from the Gordon Institute for consideration of an academic track of the program in the area of Engineering Management/Leadership.
8. The committee discussed a number of graduate issues related to research/travel awards, student health insurance, increasing diversity within the student population, Departmental Fellowships, print quality of thesis, internships for credit, and English as a second language programs. These discussions have either led to specific actions, or have started activities, often in coordination with the Graduate School of Arts & Sciences, aimed at enhancing the level of our graduate programs and the graduate experience at Tufts.
9. The assistance of the staff of the Office of Graduate and Professional Studies, in particular Gretchen Inman and Alida Poirier, were of great help to the committee.

The committee Chair would like to take this opportunity to thank all Committee Members for their collegiality and hard work during this very productive year.

For the committee,

Sergio Fantini, Chair

2006-2007 Engineering Graduate Studies Committee Membership:

Laurie Baise (Civil & Environmental Engineering)	Doug Preis (Electrical & Computer Engineering)
Mark Cronin-Golomb (Biomedical Engineering)	Nak-Ho Sung (Chemical & Biological Engineering) [Fall]
Robert Greif (Mechanical Engineering)	Dan Ryder (Chemical & Biological Engineering) [Spring]
Mary Viola (Gordon Institute)	Sarah Frisken (Computer Science)

Ex-officio: Sergio Fantini (Associate Dean for Graduate Education, Chair)
 Alida Poirier (Associate Director, Office of Graduate Studies)