



TUFTS UNIVERSITY

School of Engineering

Engineering Graduate Studies Committee – Annual Committee Report for 2004-2005

The Engineering Graduate Studies Committee met nine times during the 2004-2005 academic year. The major committee actions and initiatives are listed below.

1. The committee contributed to planning two major Engineering graduate recruiting events that took place during the Academic Year. The *Tufts Engineering Graduate Research Fair* (October 28, 2004, from 5:00 – 8:00 p.m., Carzo Cage) and the *Graduate Engineering Open House* (March 11-12, 2005, Engineering Departments). The two events were organized successfully and contributed to an enhanced visibility and competitiveness of the Engineering Graduate Programs.
2. The committee established a new policy with respect to marching at Commencement to allow graduate students to march as long as they do not have more than one outstanding *lecture* (as opposed to project or thesis) credit. The exception of MS in Engineering Management students remain in place as a result of their summer program requirement. The policy is stated below :

Policy Regarding Marching at Commencement:

Graduate Engineering Students may request permission to march in commencement provided that they have no more than one outstanding lecture credit, with the exception of MS in Engineering Management (MSEM) degree candidates. Candidates in the MSEM program, who have completed all degree requirements except for the final summer program required for all Gordon Institute students, may participate in commencement.

3. After reviewing the department nominations for Provost's and Dean's Graduate Fellowships, the committee nominated 5 graduate applicants for Provost's Fellowships and awarded 7 Dean's Fellowships. All 5 nominations for Provost's Fellowships have been approved by the Graduate Education Council. The list of recipient of the 2005 Fellowships is below, together with the decision to accept the award and join the Engineering graduate program. 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 through a two additional doctoral study years.

PROVOST'S FELLOWSHIP:

<i>Name</i>	<i>Dept.</i>	<i>Institution</i>	<i>Program</i>	<i>Decision</i>
Sarah Sundelacruz	BME	Johns Hopkins	Ph.D	YES
Ricardo Fernandes	ChBE	Univ. of Sao Paulo	Ph.D	YES
Peter Verderame	ChBE	Bucknell Univ.	Ph.D	NO
Richard Bateman	CS	Hofstra Univ.	Ph.D	NO
Caprice Gray	ME	Tufts Univ.	Ph.D	YES

DEAN'S FELLOWSHIP:

<i>Name</i>	<i>Dept.</i>	<i>Institution</i>	<i>Program</i>	<i>Decision</i>
Benjamin Kraus	BME	Cornell	Ph.D	NO
Lucas Landherr	ChBE	Lafayette College	Ph.D	NO
Jennifer Lenz	CEE	Smith College	MS	YES
Ali Akanda	CEE	Indian Inst. of Techn.	PhD	PENDING as of 4/20/05
John Hugg	CS	Tufts Univ.	PhD	YES
Xiangye Li	CS	Univ. of Vermont	PhD	YES
Tarek Massoud	ECE	Alexandria Univ.	PhD	YES

4. The committee discussed admission deadlines and agreed there was no need for all departments to have the same deadline. Computer Science will be moving their fall deadline up to January 15th, while all other departments will keep the deadline on February 1st. The deadline for international applicant remains January 15 across the School of Engineering. The committee also agreed to have a uniform requirement across the School to waive the GRE requirement for Tufts alumni.
5. The committee reviewed the new tuition scholarship policy that sets a minimum graduate assistantship appointment of \$1,500/month for at least 9 months (\$13,500) to give full tuition scholarships to PhD students. For the academic year 2005-2006, MS students who receive at least 2/3 of such minimum appointment (i.e. 2/3 of \$13,500 = \$9,000) would still be allowed to receive a full tuition scholarship.
6. With regards to the Provost's Graduate Competitiveness Initiative, the Committee has decided to invite from each department ONE nomination for summer support for either a first year PhD student, or an MS student that has been accepted into the PhD program. The committee will evaluate the nominations and award multiple individual summer supports of \$2,000-\$3,000 for a total of up to \$15,000. The nominations will have to be based on the student's potential for excellence in research, regardless of whether the student already has support for his/her research.
7. The committee reviewed several students nominated by their departments for two Engineering award programs:
Award for Outstanding Graduate Contributor to Engineering Education: shared by Elena Jakubiak (Computer Science) and Mike Horn (Computer Science).
Award for Outstanding Graduate Researcher: James Limbrunner (Civil and Environmental Engineering).
8. The assistance of the staff of the Office of Graduate and Professional Studies, particular Gretchen Inman and Alida Poirier, were of great help to the committee.

The committee Chair would like to take this opportunity to thank the entire committee member for their collegiality and hard work during this very productive year.

For the committee,

Sergio Fantini, Chair

2004-2005 Engineering Graduate Studies Committee:

Laurie Baise (Civil & Environmental Engineering)	Doug Preis (Electrical & Computer Engineering)
Mark Cronin-Golomb (Biomedical Engineering)	Nak-Ho Sung (Chemical & Biological Engineering)
Robert Greif (Mechanical Engineering)	Mary Viola (Gordon Institute)
Soha Hassoun (Computer Science)	

Ex-officio: Sergio Fantini (Acting Associate Dean, Chair)
 Alida Poirier (Graduate & Professional Studies)