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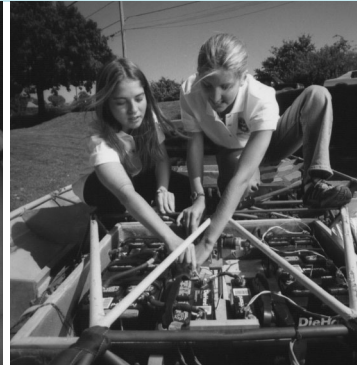
INNOVATE

INSPIRE

IMAGINATIVE...INTUITIVE...INTELLIGENT...INSPIRED:

WOMEN IN ENGINEERING

THESE ARE THE WOMEN OF THE TUFTS SCHOOL OF ENGINEERING.



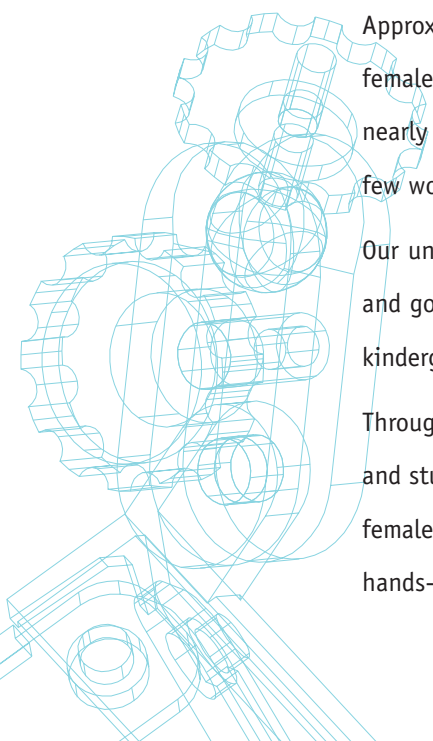
IMAGINATIVE...INTUITIVE...INTELLIGENT...INSPIRED:

THESE ARE THE WOMEN OF THE TUFTS SCHOOL OF ENGINEERING.

Tufts is considered one of the most appealing engineering schools for women in the nation. Approximately one third of all of our students—and 37 percent of our graduate students—are female, ratios that are nearly twice the national average. Our faculty is 16 percent female, nearly four times the national average. Associate Dean of Engineering Kim Knox is one of very few women engineering academic deans in the nation.

Our undergraduate and graduate women conduct research, invent problem-solving technologies, and go on to become leaders in science and industry. They also encourage young females—from kindergartners to high schoolers—to pursue engineering.

Through the School of Engineering's Center for Engineering Educational Outreach, Tufts faculty and students reach out to girls. In the Girls GET SET (Science, Engineering, Technology) program, female engineering students partner with middle school girls to help them design and build hands-on museum exhibits. During the summer, girls from sixth to eighth grade participate in the



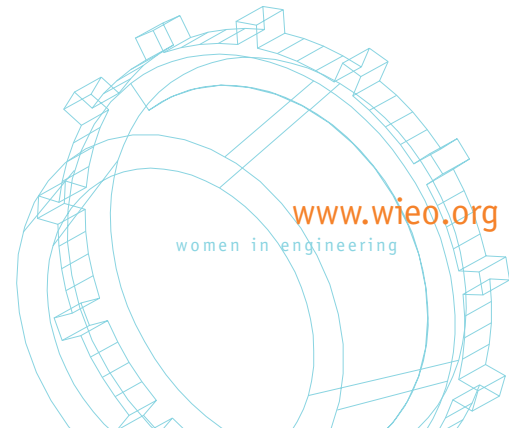


Tufts LEGO camp, where they build solutions to real-world problems using LEGOs.

And via its Women in Engineering Organization (WIEO) website, Tufts helps young women discover that engineering is not just part of a man's world; the site offers information about engineering programs and career opportunities to bring more women into the ranks of engineering.

Forty-five percent of our nation's workforce—and more than 50 percent of the population—is female. Yet women account for only 10 percent of our engineers. At Tufts, our women are engineering a future in which they will share equally in solving the real-world challenges of tomorrow.

*The women at the Tufts School
of Engineering bring unique
perspective to a traditionally
male-dominated profession.*



WOMEN IN ENGINEERING

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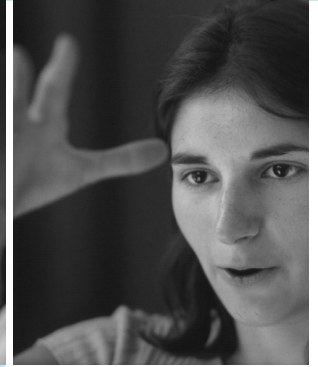
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ENTREPRENEURS...INNOVATORS...LEADERS...SPECIALISTS:

ENTREPRENEURIAL LEADERSHIP

AT TUFTS, STUDENTS LEARN NOT ONLY TO CREATE BUT ALSO TO LEAD AND INSPIRE OTHERS



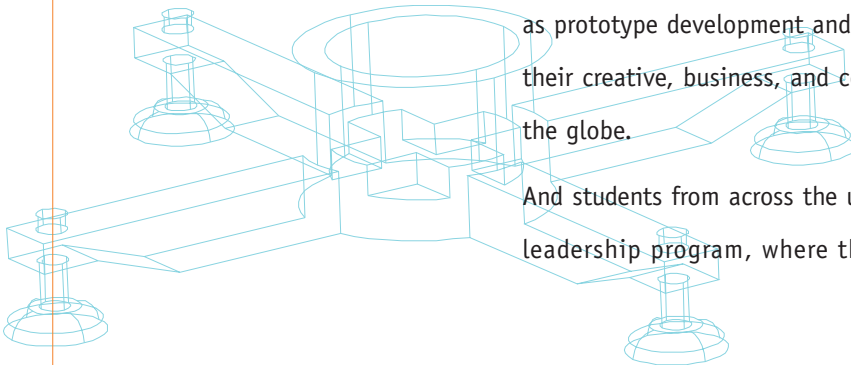
ENTREPRENEURS...INNOVATORS...LEADERS...SPECIALISTS

AT TUFTS, STUDENTS LEARN NOT ONLY TO CREATE BUT ALSO TO LEAD AND INSPIRE OTHERS.

The Tufts faculty emphasizes hands-on experience and research to give all students—even first-semester freshmen—opportunities to design, build, and apply engineering theories to real life. Our students work with professors on real projects and develop critical-thinking skills while creating solutions in the Engineering Project Development Center. Here, students bring their imaginations alive; they brainstorm, plan, design, strategize, and present real outcomes—tasks that leading engineers face throughout their careers.

Workshops and internships abound. Students learn to innovate and lead in small workshops such as prototype development and teamwork. Via Tufts' industry-wide partnerships, students nurture their creative, business, and communication skills as interns in technological companies around the globe.

And students from across the university can enroll in the School of Engineering's entrepreneurial leadership program, where they learn finance, marketing, and business plan development.





Ambitious students who aspire to found their own companies or capitalize on new technologies develop critical management skills as they learn engineering.

Our students go on to become engineering leaders in multi-national companies—or launch their own pioneering businesses. Many return to Tufts to participate in our graduate degree or advanced certificate programs, which include part-time opportunities to advance technical skills in emerging or rapidly evolving fields. Others join The Gordon Institute, Tufts' unique engineering management program for professionals, which develops management experience while strengthening technical focus.

With unique hands-on experiences and extensive leadership training, Tufts engineering students graduate as some of the most creative pacesetters in the technological world.

As one of the premier engineering schools in the country, the Tufts University School of Engineering is committed to creating engineering leaders.

www.gordon.tufts.org
entrepreneurial leadership

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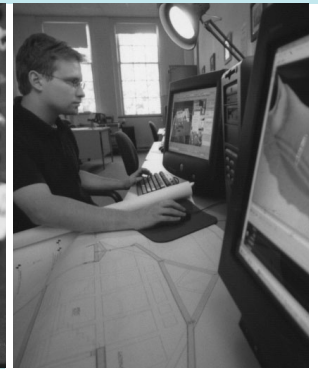
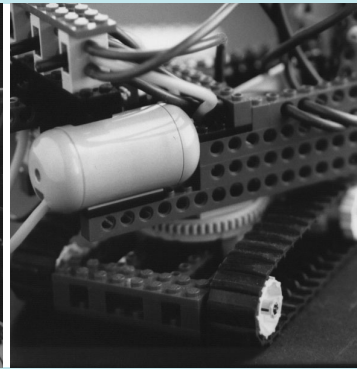
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ART...MUSIC...EDUCATION...MEDICINE...PSYCHOLOGY:

INTERDISCIPLINARY PROGRAMS

ENGINEERING AT TUFTS BRIDGES SCIENCE AND THE HUMANITIES.

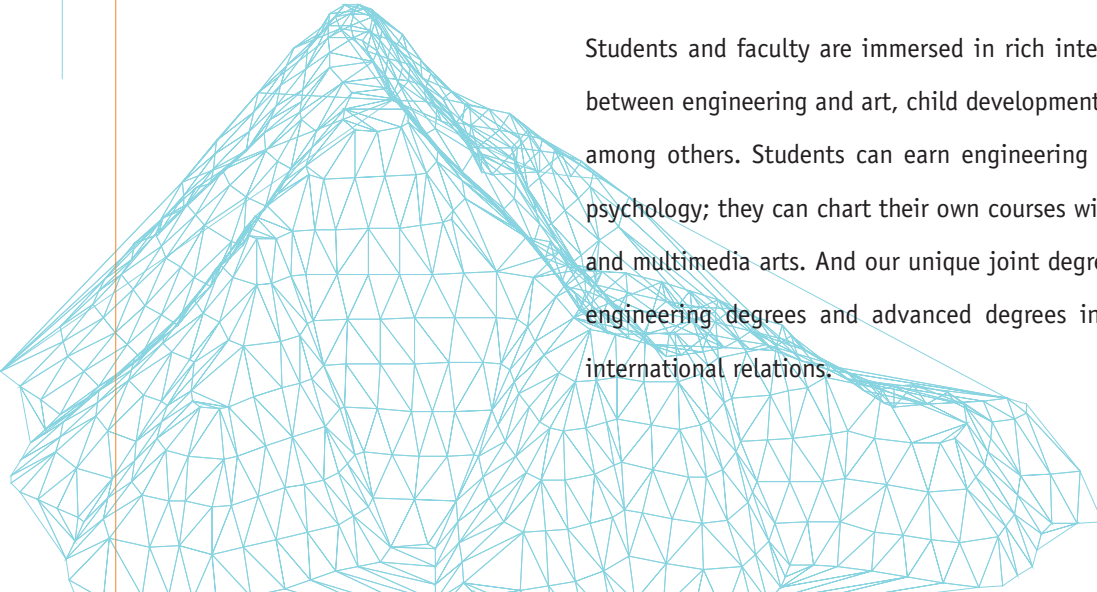


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ART...MUSIC...EDUCATION...MEDICINE...PSYCHOLOGY:

ENGINEERING AT TUFTS BRIDGES SCIENCE AND THE HUMANITIES.

Tufts School of Engineering offers a superbly integrated connection to liberal arts and health sciences. One of the few universities to include “arts, sciences, and engineering” under one umbrella, Tufts gives its engineering students a strong liberal arts education while successfully linking engineering to other disciplines.

Students and faculty are immersed in rich interdisciplinary study. They explore the connections between engineering and art, child development, geology, global development, and language arts, among others. Students can earn engineering degrees in architectural studies and engineering psychology; they can chart their own courses with minors such as electro-optics, geo-engineering, and multimedia arts. And our unique joint degree programs allow students to earn undergraduate engineering degrees and advanced degrees in medicine, dental medicine, public health, and international relations.

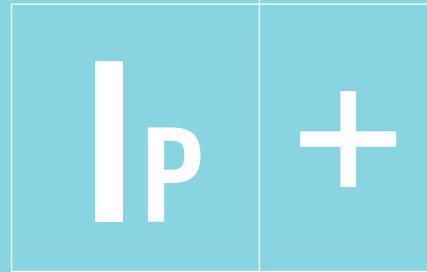




The School of Engineering's links to business, industry, and government let our students develop their interdisciplinary skills in real-world settings. They develop musical instrument testing equipment for Steinway and Sons and design robotic toys for LEGO. They also work with the U.S. Environmental Protection Agency and global organizations to improve the quality of local rivers. Members of our faculty create innovative solutions to real world problems, from smart windows used in the construction of highly energy-efficient buildings to bone anchors that allow surgical sutures to maintain their strength. From engineering artificial limbs to creating astounding works of computerized art, students at the Tufts School of Engineering nurture their technological expertise and interdisciplinary understanding of the world to become citizens of change.

Intimate classes, hands-on lab work, and an extraordinary interdisciplinary curriculum are the hallmarks of a Tufts undergraduate engineering education.

INTERDISCIPLINARY PROGRAMS



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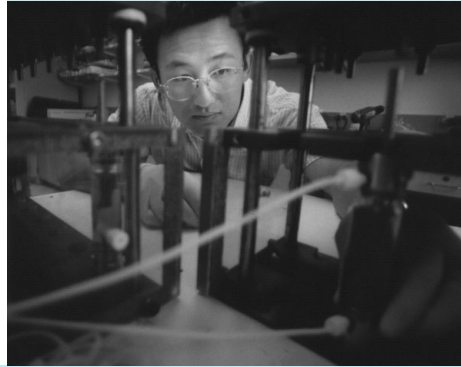
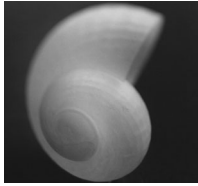
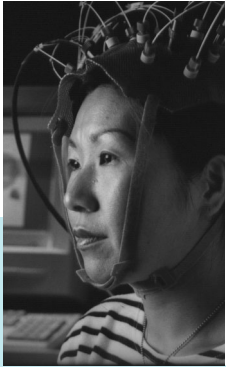
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MICROBREWERY ENGINEERING...LASER LIGHTS...EARTHQUAKES:

INNOVATIVE PROGRAMS

UNDERGRADUATES AT THE TUFTS SCHOOL OF ENGINEERING STUDY EVERYTHING





MICROBREWERY ENGINEERING...LASER LIGHTS...EARTHQUAKES:

UNDERGRADUATES AT TUFTS STUDY EVERYTHING FROM TRAILBIKES TO TURBO-ENGINES.

Who says engineering students don't work on projects in their first year? At Tufts, students build robots, design homes, and use engineering theories to solve real problems—and do so as early as in their first semester.

Tufts' innovative programming and imaginative first-year curriculum help explain why more students typically transfer into the School of Engineering than out of it. In fact, Tufts is the only engineering school in the country that gains instead of loses students; the average engineering school loses between 30 and 50 percent of its class.

When engineering students arrive at Tufts, they get a taste of engineering with introductory design and technology "half-courses"—such as "gourmet engineering" and "prototyping home robots"—courses designed to whet budding engineers' appetites.



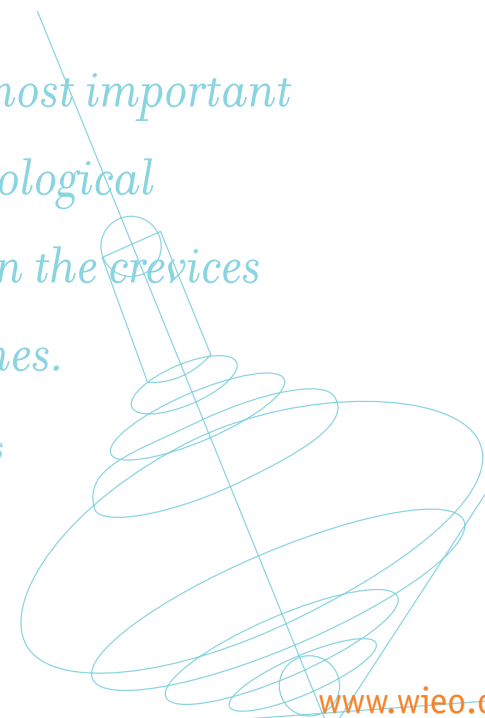
And unique course offerings abound beyond the freshman year; students get hands-on engineering experience in class, in the laboratory, and in the Engineering Project Development Center. Courses as diverse as “musical instrument design” and “computer architecture” give all students the chance to build projects and work with faculty and peers to solve real-world problems.

Both men and women are captivated by the innovative and interdisciplinary character of the Tufts School of Engineering. Unique first-year offerings, small classes, and inspiring faculty entice students to pursue further study.

During first semester and beyond, Tufts Engineering paves the way for the young, bright problem solvers of tomorrow.

Sometimes, the most important answers to technological problems reside in the crevices between disciplines.

— *Dean Ioannis Miaoulis*



INNOVATIVE PROGRAMS

