

ECE Donors

WE EXTEND OUR APPRECIATION AND GRATITUDE to those who have generously supported our Department and its students and helped us to maintain its excellence. Below is a list of donors who contributed to the Department from January 1, 2004 to December 2005.

Gifts of \$100,000 or more

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Gifts of \$10,000 to \$100,000

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Gifts of \$1000 to \$10,000

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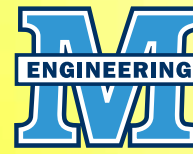
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ALUMNI SUPPORT *making a difference*

Over the past two years, about 30% of the Electrical and Computer Engineering Department's operational budget has come from the support of alumni like you. In 2005, alumni support during the annual campaign was vital for several major projects:

- The development of a much-needed Computer Engineering Hardware Laboratory
- An advanced Microfabrication and Nanotechnology Laboratory
- An upgrade of our Department Computer Teaching Laboratory

The ECE Department and students are grateful for the alumni support that made those projects a reality.

Computer Hardware Laboratory

One of our top priorities for undergraduate education has been to develop a Computer Hardware Laboratory. Thanks to alumni generosity, students are now able to design, build, and program computer interface devices. The lab also benefits a number of courses, such as: Hardware Applications using C, Industrial Computer

Control, Advanced Microprocessor-based Design, and Introduction to Unix System Administration. A placard has been permanently placed in the lab acknowledging each gift of \$1,000 or more. A gift of \$75,000 would allow us to endow this lab, or any of the ECE labs listed below, in the donor's name and ensure that the lab is upgraded for generations to come.



Microfabrication and Nanotechnology Laboratory

The Microfabrication and Nanotechnology Laboratory is a new undergraduate teaching laboratory that will be ready for

operation in September, 2006. With assistance from alumni gifts and donations of specific equipment from the company of an alumnus, the ECE Department now has the capability to train and educate students in the exciting nanotechnology area.

Computer Teaching Laboratory

The Computer Teaching Laboratory is the most utilized facility in the ECE Department. All our students use this facility as a general purpose computing facility and for a variety of instructional training classes and projects. An alumni gift helped us to upgrade the lab with 20 modern PCs equipped with 2.8Ghz Pentium 4 processors and flat screen monitors.



SUPPORTING *excellence*

ECE Scholarships

Last year, 43 exceptional students received scholarships from our alumni-endowed funds or from annual gifts. Scholarships ranging from \$500 to \$6000 were awarded to selected students based on their academic performance and financial need. These students are deeply appreciative of the opportunities afforded them by our alumni.

Scholarships remain an essential means of recruiting top students to the University of Maine ECE Department. Financial hardship is among the top reasons many University of Maine students say they are unable to complete their degrees within four years. By eliminating the need to borrow money to pay for the cost of education, scholarships serve as an important retention tool.

If you wish to create a fund under your name to support students and the ECE Department, please contact the ECE Chair by phone at (207) 581-2223, or by e-mail at musavi@ece.maine.edu

**You can also mail your gift to:
ECE Chair**

**Electrical & Computer Engineering Department
5708 Barrows Hall
University of Maine
Orono, ME 04469-5708**



**Or you can designate your gift to us through the University Annual Fund at
(207) 581-2586 or 1-800-934-2586**

You can make a tremendous difference to our students!

Two new alumni scholarships were established in 2005: the “Rajendra and Neera Singh Scholarship” and the “Lambert Family Scholarship.”

Here is a brief history of these two generous alums and their support of our program.



Rajendra and Neera Singh

Rajendra and Neera Singh Scholarship

Dr. Rajendra “Raj” Singh received his M.S. from the Department of Electrical and Computer Engineering in 1977. A former faculty member

of both Kansas State University and City College of New York and a member of numerous electrical engineering societies, Raj has actively contributed to the academic and professional development of the wireless telecommunications industry. In 2003, he received the University of Maine College of Engineering’s highest award for alumni, the Edward Bryand Distinguished Engineering Award. The Singh Scholarship is named for Raj and his wife, Neera. As a couple, the Singhs have worked together to establish a number of successful companies and other business ventures. Today, the Singhs live in Alexandria, Virginia with their two sons. The University of Maine Department of Electrical and Computer Engineering is extremely grateful to the Singhs for their generous scholarship.



The first recipient of the Singh Scholarship is Jon Janelle, a first-year student in the Department of Electrical and Computer Engineering. Jon attended Waterville High School, where he established an excellent academic record and participated in a variety of extracurricular activities. Prior to receiving the Singh Scholarship, Jon received an American Legion Scholarship and a prestigious Mitchell Scholarship. All of Jon’s scholarship awards took into account his academic promise, financial need and history of community service. As a Singh scholar, Jon will not need to take out extensive loans and will graduate free of debt.



Mr. Bill Lambert (center) with the College of Engineering Dean, Larryl Matthews (right) and ECE Chair, Mohamad Musavi (left)

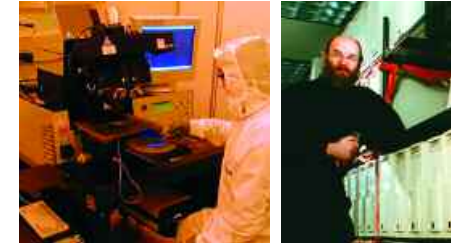
Lambert Family Scholarship

William H. Lambert (center), a pioneer in cable television electronics, received the 2005 Edward Bryand Distinguished Engineering Award, the highest honor bestowed annually on a College of Engineering alum.

Mr. Lambert received his B.S. in Electrical Engineering from the University of Maine in 1958. He describes his time at the University of Maine as the greatest four years of his life, and recalls a “wonderful experience” and a “tough curriculum.”

Lambert’s career in cable television began in 1960, and eventually took him to Philadelphia, El Paso, and Toronto. He spent the early years of his career as a design engineer with Solid State IF Circuits and Microwave Systems, Inc. He eventually assumed part ownership of this company and held numerous management roles following its merger with General Instruments, Inc., the largest supplier of hardware in the cable television industry.

From 1988-1997, Lambert served as Chairman, President and Chief Executive Officer of TSX Corporation. TSX was acquired by Arris in 1997, and Mr. Lambert served as Non-Executive Chairman of AM Communications. Arris remains a global telecommunications company specializing in the design and engineering of broadband networks.



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Computer Hardware Laboratory

Microfabrication and
Nanotechnology Laboratory

Computer Teaching Laboratory

ECE Scholarships

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