Welcome Back!

We just returned from our annual ECE Hike to Gulf Hagas with many new photos. Please come with us next year. It's great.

We also had our "Meet the Faculty" dinner for new students where we learned, among many other valuable tidbits, that Prof. Al Whitney once spelled as an undertaker's assistant for a short while, and Prof. Mauricio P da Cunha has a brown belt in jujitsu!

Co-op Job Fair October 18!

We strongly encourage all our students to take advantage of co-op jobs - either for the summer, or a summer plus semester. This year, we're holding an Engineering Co-op Job Fair - here are the details:

University of Maine Engineering Co-op Job Fair
Thursday, October 18, 2001 10am-3pm
Wells Conference Center, Main Dining Room

This event is co-sponsored by the IEEE student chapter of the University of Maine, the University of Maine College of Engineering, and the Career Center. ECE students should also be sure to register their job interests on our Job Status page. Many companies use our page to locate ECE co-op prospects.
Some of the companies participating include:

- Analog Devices
- Bath Iron Works
- Cianbro Corporation
- Domtar Industries Woodland Mill
- Dufresne-Henry, Inc
- Earth Tech, Inc
- Enterasys Networks
- Fairchild Semiconductor
- IBM
- International Paper
- Maine Department of Transportation
- National Semiconductor
- Tundra Semiconductor

For more information, contact John Roberts, IEEE Student Chapter President or Patty Counihan, Career Center Director.

**If your company would like to come to the Co-op Job Fair, it's not too late!** Here are the registration materials.

**UM Microelectronics Scholarship Applications due THIS Semester!**

This year, the Microelectronics Scholarship Consortium award application process will be held in the Fall for current UM students. Note that current high school students will still apply in the Spring. This shift was made to more closely align the scholarship interviews with the co-op interviews at the University of Maine Engineering Co-op Job Fair October. Note the application deadline date is September 30. See the [new schedule](#).
We salute Prof. Mac Libbey ...

Dean Larryl Matthews and the College of Engineering will hold a luncheon to honor Professor Emeritus Waldo "Mac" Libbey this Homecoming, and all of Mac's former students are invited to attend! The luncheon will be October 20, 2001 at 11:00 am at the Wells Conference facility on the UMaine campus in Orono. We're looking forward to reminiscing with Mac.

Professor Libbey taught electrical engineering students at UMaine for 47 years (1943-1990.) He remains active and is extremely well regarded by generations of UMaine electrical engineers. Mac was instrumental in building the great reputation that UMaine engineers enjoy today, and we welcome the opportunity to pay tribute to his career.

As a part of this event, we would like to compile a book of memories from some of Mac's students. We would be extremely grateful if you would send us any special (or humorous) anecdotes. Even if you're unable to attend the luncheon, we would still like to include your stories in the book. Either mail them to Steve Adam, 5708 Barrows Hall, Orono, ME 04469 or email them to steven.adam@umit.maine.edu. Check out the Homecoming Schedule!

Large Percentage of Fortune 500 CEOs are Engineers

(Dana Humphrey, Chair of UM Civil Engineering, sent this item to me.)

The July 24, 2001 issue of USA Today reported that 18% of the Chief Executive Officers for the Fortune 500 companies got their bachelors degree in engineering. This is the highest of any degree and beat out business administration at 15%, liberal arts at 15%, and economics at 7%. Degrees with lesser percentages were not reported.

Dana checked the US Dept. of Education website and found that in 1997/98 only 6% of undergraduate degrees were awarded in engineering and engineering related technologies. In contrast, 20% of the degrees were awarded in business administration and 35% in what UMaine would consider liberal arts. These statistics clearly show that engineers hold a disproportionately high share of the CEO positions in this country's largest companies.
And finally ...

Here's why more supervisors/managers/CEOs should be engineers:

A young engineer was leaving the office at 6 p.m. when he found his boss standing in front of a shredder with a piece of paper in his hand. "Listen," said the supervisor, "this is important, and my assistant has left. Can you make this thing work?"

"Certainly," said the young engineer. He turned the machine on, inserted the paper, and pressed the start button.

"Excellent, excellent!" said his boss as the paper disappeared inside the machine. "I just need one copy."

Publications, proposals, etc.

UNIVERSITY/COLLEGE/DEPT SERVICE

- J. Patton attended Executive Committee Meeting, July 11. D.E.
- D. Kotecki attended the ATM workshop on distance education, August 28

GRANTS RECEIVED


PROPOSALS SUBMITTED


PATENTS

PUBLICATIONS

- "Web-based Exercises for a First-Year Electrical and Computer Engineering Course" Isaac Horn, Robert Reynolds, John Field, Proceedings of the 2001 ASEE Annual Conference, Albuquerque, NM, June 24-27
- "The Best of All Worlds - A First-Year Course at the University of Maine" Eric Beenfeldt, John Field, Isaac Horn, Janelle Tonti, Edward Williams, Proceedings of the 2001 ASEE Annual Conference, Albuquerque, NM, June 24-27
PROFESSIONAL ACTIVITY

C. Domnisiru participated in the Nucleic Acid and Protein Sequence Analysis Workshop, at Pittsburgh Superconducting Center, Pittsburgh, PA, July 7-14.


R. Eason had been collaborating in steganograpy research with Dr. Kawaguchi, a colleague at Kyushu Institute of Technology in Kitakyushu, Japan, July 17-August 30, 2001.

J. Vetelino and M. DaCunha attended Acoustic Sensors Workshop, Tahos, New Mexico, August 28-September 2.


D. Kotecki reviewed a paper for the Journal of Vacuum Science and Technology, Sept. 5.

B. Littlefield attended the 2001 Usenix Annual Technical Conference in Boston June 24-29

B. Littlefield reviewed four papers for the LISA 2001 Systems Administration Conference to be presented in San Diego in December 2001.

PRESENTATIONS


