

School of Engineering

CHRISTIAN BROTHERS UNIVERSITY

News - September 2001

ENGINEERING LAB ENDOWMENT

Thanks to the Charitable Contributions Committee of Ensafe, Inc., for its recent donation to the Engineering Lab Endowment Fund. **Patricia Raniszewsi** (CE'00) presented the check to **Dr. Siripong Malasri**, **Dr. Fred Terry**, and **Mr. John Ventura** at the Ensafe office in Memphis in early September.



From left: Dr. Fred Terry, Ms. Patricia Raniszewsi (CE'00),
Dr. Siripong Malasri, and Mr. John Ventura

Thanks to **Paul Babin** (ECE'82), **Stephen Shearer** (CE'79), **Tom Stoll** (EE'87 and MEM), **John McKissack** (MEM), and **Herman A. Johnson** (EE'74 & MEM'92) for writing a letter of support to the TN State Board of Architectural & Engineering Examiners for the Engineering Lab Endowment Fund.

The October 4th Fundraising Dinner honoring Br. Philip Morgan is less than two weeks away. Invitations were mailed two weeks

ago. Alumni: If you have not received your invitation, please let us know by sending an email to pong@cbu.edu. Check <http://www.cbu.edu/engineering/labendowment> to see a list of participants.

ENGINEERING FRESHMAN SEMINARS

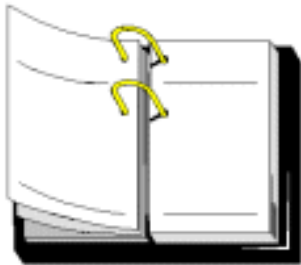


The School of Engineering has arranged seminars for engineering freshmen. They are scheduled for each Tuesday after the Fall Break.

- Tuesday, October 23, 2001
1:00 p.m. - 1:50 p.m., Spain Auditorium
Meeting with Engineering Department Chairs
- Tuesday, October 30, 2001
12:15 p.m. - 1:50 p.m., N241
Meeting with Engineering Student Chapters
(Reception)
- Tuesday, November 6, 2001
1:00 p.m. - 1:50 p.m., Spain Auditorium
How to Succeed in Engineering
John Jackson of FedEx
- Tuesday, November 13, 2001
12:30 p.m. - 1:50 p.m., East Lounge
Meeting with Engineering Alumni
(Reception)
- Tuesday, November 20, 2001
1:00 p.m. - 1:50 p.m., Spain Auditorium
The Importance of PE Registration
Bobby Fisher of Fisher & Arnold
- Tuesday, November 27, 2001
12:30 p.m. - 1:50 p.m., East Lounge
Meeting with Engineering Faculty
(Reception)
- Tuesday, December 4, 2001
12:30 p.m. - 1:50 p.m., N241
Engineering Mini-Fair
(Reception)

Even though these seminars are geared toward engineering freshmen, other engineering students will find them useful. Thus, all engineering students are invited to these seminars.

MAESC 2002 CONFERENCE



May 10, 2002

Mark Your Calendar! The MAESC 2002 Conference will be on Friday, May 10th, 2002. St. Jude Children's Research Hospital will co-host the conference. The focus of the conference will be on biotechnology. In addition, the High Technology Council of the Memphis-Area Chamber of Commerce is also a co-sponsor of the MAESC 2002 Conference. Memphis has the potential to be a "biotech" boomtown. This is critical to the regional economic development, and the focus on biotechnology for the MAESC 2002 Conference is a great way to promote and accelerate this effort.

In previous MAESC conferences, we have had 4 to 5 parallel technical tracks. We will maintain the same format this year. However, we envision devoting one or two tracks of the MAESC 2002 conference to biotechnology - covering biology, biochemistry, biochemical engineering, environmental engineering/science, biomedical, biological-inspired computing, bioengineering, genetic engineering, etc. The remaining tracks will provide technical sessions on other topics that are of interest to our engineers and scientists.

For more information about MAESC 2002 Conference, please check the web site at <http://www.cbu.edu/engineering/maesc> or send e-mail to maesc@cbu.edu.

STUDENT NEWS



The American Society of Civil Engineers (ASCE) Student Chapter at Christian Brothers University will be hosting the 4th Annual CBU ASCE 5K Race on October 26, 2001, beginning at 6:30 p.m. Registration will begin at 5:30 p.m. in the Central Parking Lot located on the campus of Christian Brothers University. The entry fees are \$13 for pre-registration, \$12 for Memphis Runners Track Club members, \$10 for Ghost Runner registration (T-shirt and packet and post-game fun, but no run!) and \$15 for the day of the race registration. This year local radio station 94.1- The Buzz will be on hand along with Action News 5's **Joe Birch**. Also, A Touch of Health salon will be on hand to provide complimentary pre-race and post-race massages. The race is sponsored by local companies and is designed to raise money for the Madonna Learning Center and the student chapter of ASCE. As a sponsor, the company's name and logo will be displayed on the official race t-shirts that all of the participants will receive. For more information on becoming a sponsor, or to receive a registration form, please email **Juanita Ford** at juford@cbu.edu or call (901) 321-3405.

Thanks to **Lingfang Huang, Teresa Fuller, Jason Deweber, Michael McClung, Julien Ait-Maksene, Soumabha**



Mukherjee, and **Shane Delimna** of Tau Beta Pi for providing tutoring sessions for MATH 117 (Pre-calculus) and MATH 131 (Calculus I). Math professors send at-risk students to the sessions. Tutoring sessions are held in S112 on Wednesdays: 7-8 p.m. for MATH 131 and 8-9 p.m. for MATH 117.

ALUMNI NEWS

Jeff Lau, **Bill Mason**, **Dave Wheat**, and **Larry Martin** (all ME'01) have been hired by Day & Zimmerman, NPS, Inc. They are currently working at the TVA Allen Power Plant in Memphis.

Congratulations to **Robert Cochran** (CE'93) and **Dr. Jennifer Cochran** (Biology '93) for the birth of their first child, Christopher Robert Cochran. Christopher was born on August 14th and weighed 7 lbs., 10 ozs. Also, congratulations to Robert for passing the recent PE exam. He is an engineer with Allen & Hoshall in Memphis, TN.

FACULTY/STAFF NEWS

In August, **Dr. Bernard Beard** (ME) attended the Lattice 2001 conference in Berlin, Germany. The lattice conferences are an annual meeting of the world's researchers in the area of physics known as lattice gauge theory. Dr. Beard presented a talk entitled "Scaling violations in the antiferromagnetic Heisenberg model," detailing the results of Monte Carlo calculations he completed here at CBU this past year. Dr. Beard is one of the world's experts in cluster algorithms, which are sophisticated techniques for calculating path integrals for quantum field theories. In addition to a faculty position in engineering, he holds an adjunct position in the physics department.



John Ventura, P.E.

In August, a wireless local area network (WLAN) was established in the Electrical & Computer Engineering lab in St. Joseph's Hall. Currently, the lab is used by Assistant Professor **John Ventura** to teach EE students programming of microcontrollers and programmable logical circuit (PLC) boards. The purpose of the network was to provide a flexible, low cost and low maintenance method of network access and computer resource sharing. Thanks to **Joan (Serocki) McGrory** (BSEE '88 and MBA '96) for donating three Linksys ® wireless network cards and one Linksys ® switched access point. This wireless network is one of CBU's first implementations of broadband wireless technology. As a result, Mr. Ventura and Ms. McGrory worked closely with **Ahuvah Reese** and **Cookie Willis** of Information Technology Services (ITS) to ensure network compatibility.