

School of Engineering

CHRISTIAN BROTHERS UNIVERSITY

News - January 2000

ADDITIONAL PARTNER IN EXCELLENCE

Thomas & Betts recently donated 33 HP workstations and other accessories with an estimated retail price of \$41,275 to the Mechanical Engineering Department. Thanks to **Dr. Paul Shiue** for his efforts that led to this donation.

THE BEST OF THE BEST

Being an engineering student, one is already among the best of college students. Being a member of Tau Beta Pi, an engineering honor society, one is really the best of the best. Congratulations to the following new Tau Beta Pi members, who were initiated on December 4, 2000: **Jonathan Densford** (ECE), **Oliver Lam** (ME), and **Carrie Mills** (ME).

The criteria for membership is set by the national Tau Beta Pi organization and includes:

- Juniors and seniors enrolled in a degree-granting engineering school.
- Juniors must be in the top 1/8 of their class (the entire engineering school, not just the major).
- Seniors must be in the top 1/5 of their class.
- A student who is academically eligible must also be of strong character.

Other members are: **Kathryn Baxter** (Secretary), **Maria Teresa Blanco**, **Eric Branson**, **Justin Brownlee** (President), **Justin Cash**, **Pasiri Charusalaipong**, **Billy Dennie**, **Jared Drewry**, **Alicia Harris** (Treasurer), **Jeffrey Lau**, **Andrew Lemmon**, **Larry Martin**, **Dung Nguyen**, **Komal Shah**, **Amanda Stanford**, **Luis Tercero** (Vice President), and **Alex Weddle**. Faculty advisors (one from each department) are **Joe Beaini** (ECE), **Ray Brown** (ME), **Gene McGinnis** (CEE), and **Robert Blanks** (ChE).

ENGINEERING EXECUTIVES

A recent survey of 50 graduate students in the Master's of Engineering Management Program revealed the following:

- Average years of experience: 7.82
- Average undergraduate G.P.A.: 2.96
- Average G.R.E. score (analytical + quantitative): 1107
- Number of ABET degrees: 39
- Other degrees: 11
- ABET degrees consist of: BSME (6), BSCE (4), BSCHE (2), BSEE (6), BSET (8), BS Comp. Engr. (3), and others (5)
- In addition, five students have M.S./Ph.D. in Engineering.

What's an impressive group of graduate students? Graduate Engineering also conducted a post baccalaureate certificate program survey on various engineering topics. This survey indicated that Construction Management interested a majority of the people. Courses in Construction Planning and Scheduling, Construction Estimating and Cost Control and Construction Methods and Equipment are being considered. For more information, please contact **Dr. Neal Jackson**, director of our MEM program.

ALUMNI NEWS

Congratulations to **Bonita Sammarco** (CE '81) and **Tim Sammarco** (EE '81) for their first daughter. **Anna Grace Sammarco** was born on November 27, 1999, at 11:40 p.m. She was 8 pounds and 21.5 inches at birth.

Lecia Martin (ME graduate) is owner and mechanical engineer of Dunning-Martin, a firm for HVAC design, plumbing design, and coordination drawings.

Eric Criswell (CEE '99) joined Allen and Hoshall last November.

Jonathan Pennington (CEE Dec '99 graduate) is now an engineer in training with Pickering Firm.

Matt Zieg (CEE Dec '99 graduate) has landed a job in Atlanta, GA, with Columbia Engineering. He is working in the land development field.

Congratulations for recent promotions at Osmose Wood Preserving, Inc.: **Chris Whitley** (ChE '95) promoted to Plant Engineer and **Mike Haskins** (ChE '93) promoted to Plant Manager.

TN Governor **Don Sundquist** has reappointed **Jeff Arnold** (CE

'78) of Fisher & Arnold, Inc., to serve on the Tennessee Highway Officials Certification Board.

FACULTY NEWS

Dr. L. Yu Lin (Civil & Environmental Engineering Department) presented papers entitled "Disposal of Dredging Sediments in Highway Detention Pond" and "Removal of Heavy Metals from Contaminated Soil Using Electrokinetic Process" at the 15th International Conference on Solid Waste Technology and Management in Philadelphia, December 12-15, 1999. These two papers were published in the conference proceedings. He also was a guest speaker at the January meeting of the Tennessee Society of Professional Engineers (Memphis Chapter) on January 11, 2000. He shared his sabbatical leave experience with the audience. Dr. Lin took a sabbatical leave to work with the Corps of Engineers (Memphis District) from June 1998 - August 1999.

Dr. Bernard Beard's article, which was published in 1996, was quoted as "one of the most important generalizations on the time continuum limit in physics" in a new book entitled *Numerical Methods for Lattice Quantum Many-Body Problems*. The book was published by Perseus Books and edited by D. J. Scalapino.

Dr. Robert Blanks (Chair of Chemical Engineering Department) attended an open enrollment faculty workshop hosted by the Accreditation Board for Engineering and Technology. This workshop was designed to provide faculty with knowledge and experience in preparing for Engineering Criteria 2000 (EC 2000) accreditation. The workshop was held in Baltimore, MD, on January 8-9, 2000.

Joe Beaini (Chair of Electrical & Computer Engineering Department) will be on leave of absence for one year from January 2000 - December 2000. He will be working with QWEST, a telecommunication company, in Denver, Colorado. **Dr. Juan Carlos Olabe** will serve as interim chair for the department during spring 2000. **John Ventura**, who is teaching part-time for the department, has been promoted up to a full-time visiting assistant professor. John was a former CBU faculty and served as a visiting assistant professor last fall.

POLYMERIC MATERIALS SHORT COURSE

This short course will be offered by **Dr. Asit Ray**, Professor of Chemical Engineering at CBU, on Tuesdays, February 1 to May 2, 2000, 6:00 p.m. - 8:30 p.m., N235, Nolan Engineering Center, CBU.

This course is specially designed for chemical, mechanical, materials engineers, chemists, physicists who are working for polymer companies as engineers/scientists or in supervisory/management positions, who would like to enhance their academic foundation in polymers. It will also serve as an excellent review course for those who have had good undergraduate/graduate courses on polymer chemistry or polymer science and technology/engineering.

Registration Fee:

- \$1,095/person if registration is received on or before Tuesday, January 18, 2000.
- \$1,300/person if registration is received between January 19, 2000, and January 27, 2000.
- No registration accepted after January 27, 2000.
- Due to the late arrival of this newsletter, CBU alumni are entitled to the \$1,095 registration fee until January 27, 2000. Also, don't forget to take a 20% discount from the fee.

For more information and registration, please visit the web page at <http://www.cbu.edu/engineering/profdev>.