

# School of Engineering

CHRISTIAN BROTHERS UNIVERSITY

## News - November 2001

### ENGINEERING SEMINARS

#### **Tuesday, November 6**

1:00 p.m. - 1:50 p.m., Spain Auditorium

**How to Succeed in Engineering** by John Jackson of FedEx

All engineering majors are welcome!

#### **Tuesday, November 13**

12:30 p.m. - 1:50 p.m., East Lounge

**Meeting with Engineering Alumni** sponsored by the Alumni Association

All engineering majors are welcome! Lunch provided. Alumni from Lurgi PSI, Smith & Nephew, Inc., Pickering, Allen & Hoshall, and others will discuss their engineering careers. It's an opportunity you don't want to miss. RSVP is required by sending an email with your name, class year, and discipline to [alumni@cbu.edu](mailto:alumni@cbu.edu) by 12 noon, Monday, November 12.

#### **Tuesday, November 20**

1:00 p.m. - 1:50 p.m., Spain Auditorium

**The Importance of PE Registration** by Bobby Fisher of Fisher & Arnold

All engineering majors are welcome!

#### **Tuesday, November 27**

12:30 p.m. - 1:50 p.m., East Lounge

**Meeting with Engineering Faculty** (Reception)

All engineering freshmen are welcome! RSVP is required by sending an email to [pong@cbu.edu](mailto:pong@cbu.edu) by 12 noon, Monday, November 26.

#### **Tuesday, December 4**

12:30 p.m. - 1:50 p.m., N241

**Engineering Mini-Fair** sponsored by the Career Center

All engineering majors are welcome!



## ENGINEERING SALARIES

The National Society of Professional Engineers recently published its 2001 Income and Salary Survey. There were 8,000 engineers who participated in the survey. The median income for these engineers was \$79,000. The total annual income for engineers rose 4.6% from 2000 to 2001, while the Consumer Price Index rose by 3.7%. Below is the median annual income by branch of engineering:



- Aeronautical & Aerospace (\$79,557)
- Agricultural (\$75,200)
- Biomechanical/Biomedical (\$70,000)
- Chemical (\$82,600)
- Civil - general (\$73,000)
- Civil - structural (\$75,000)
- Computer (\$86,739)
- Control Systems (\$79,187)
- Electrical (\$81,500)
- Electronics (\$81,820)
- Environmental (\$70,000)
- Forensic (\$143,500)
- Geotechnical (\$68,500)
- Industrial (\$81,534)
- Manufacturing (\$81,034)
- Materials (\$74,000)
- Mechanical (\$79,742)
- Mining (\$99,350)
- Nuclear (\$102,970)
- Petroleum (\$114,616)
- Safety (\$82,750)
- Sanitary (\$86,200)

(Source: *Communication Link*, the ABET Quarterly News Source, Fall 2001)

## OPEN HOUSES

The School of Engineering had a very successful open house on September 28, 2001. Thanks to the Admissions staff, engineering faculty/students/staff who helped to make the open house a success. There were many displays including reverse osmosis, hydraulic bench, water purification system, surveying, CAD, concrete canoe, liquefaction, instrumentation, computer history, moonbuggy, CNC machining, robotics, and Stirling engine.



The next open house will be on November 16. If you know of any high school students who might be interested in attending the open house, please ask them to RSVP to the Admissions Office at [admissions@cbu.edu](mailto:admissions@cbu.edu), 901-321-3205 or 1-800-288-7576.

## MAESC 2002 CALL FOR PARTICIPATION

The theme of the conference is *Building Foundations for a Better Tomorrow*. The conference will cover many diverse areas. Areas include, but are not limited to the following: biology, biochemistry, bioengineering, genetic engineering, biochemical, environmental engineering/science, biomedical, biological-inspired computing, commercialization of biotechnology, graphics, research, economy, emerging technology, imaging, optics, emergency response/readiness, simulation/modeling, DNA, neuroscience, encryption, pharmaceutical, virus/bio warfare, and infrastructure.

All abstracts are to be submitted via email to [maesc@cbu.edu](mailto:maesc@cbu.edu) by January 31, 2002. Check the web site at <http://www.cbu.edu/engineering/maesc> for more information.



## STUDENT NEWS

Congratulations to **Trevor J. Stedke** (MEM) for his recent promotion to Manager Propulsion Engineering at FedEx. In his recent email to **Dr. Neal Jackson**, MEM Director, Trevor said, "*I want to personally thank you and commend the CBU MEM program, which I give tremendous credit for molding my experience, qualifications, and capabilities. Your program has been instrumental in opening doors of opportunity and positioning me appropriately to accept such an offer for promotion.*"

The AIChE Student Chapter has arranged five speakers from various industries to talk about their experiences on November 20th, 2:00 p.m. - 3:30 p.m., in N241. This is a great opportunity for undecided engineering students to explore chemical engineering. Refreshments will be served at the end of the seminar. Students! If you plan to attend the seminar, please contact **Dr. Ali Pourhashemi**, ChE Department Chair, at [apourhas@cbu.edu](mailto:apourhas@cbu.edu) before the day of the seminar.

**Jason Deweber, Becky Bailey, and Brad Taylor** won First Place in the Jeopardy student competition at the Tennessee Section ASCE 14th Annual Meeting in Smyrna, Tennessee. The civil and environmental engineering students competed against students from the University of Tennessee Knoxville, Vanderbilt University, Tennessee Technological University and Tennessee State University. **Gene McGinnis**, adviser for the CBU student chapter of the ASCE, attended the meeting. Congratulations!



From left: Becky Bailey, Jason Deweber, Gene McGinnis, and Brad Taylor

## ALUMNI NEWS

Congratulations to **Tim Verner**, P.E. (CE'84) and his wife Kathy for their second son, William Nicholas Verner. Nicholas was born at 12:21 p.m. on October 3rd. He weighed 7 lbs. 9 ozs. and was 20.5 inches long. His big brother, Taylor, just turned six in July. Tim is a partner with Fisher & Arnold, Inc. He has been with the firm for sixteen years. He manages the firm's General Civil and Construction Quality Assurance Departments. Recently, he said about CBU education, "*There is no question that the atmosphere at Christian Brothers University (CBC, then) allowed for a wonderful education in the Civil Engineering Department. Without the guidance of Jim Guy, Dr. Morrison, and Dr. Madhavan, there is no doubt in my mind that I would not be where I am today. I truly believe that with the small class sizes all students are afforded ample one-on-one interaction time with the various professors they come in contact with during the course of their college career. I never realized this fact until I attended a large state university for graduate school (50,000 students) and was shocked to see undergraduate classes conducted by via closed circuit TV because there were no classrooms large enough to handle the 200 enrolled in the class!*"

Thanks to **Donald Bauman** (EE'75 & MEM'91) for his recent donation to CBU library for purchasing engineering reference books. His donation is in memory of his brother, C. W. "Bill" Bauman.

**Joe Pascente** (EE'62) passed away on October 26th from lung cancer. He received the Distinguished Alumnus award in 1985. Joe founded LIXI, INC., the leader in x-ray technology. The company ([www.lixi.com](http://www.lixi.com)) offers a range of cabinet, counter top, and hand-held x-ray imaging devices. Earlier in October, Joe was able to make a trip to Japan to see his fourth grandchild. He also sponsored a student to the October 4th fundraising dinner honoring Br. Philip Morgan. Condolences can be sent to his wife, Sandra Pascente at 71 Regent Dr., Oak Brook, IL 60523. Donations can be sent to Alliance for Lung Cancer, P.O. Box 849, Vancouver, WA 98666.



Joe Pascente at the 1962 Class Reunion in 1992

## FACULTY/STAFF NEWS

**Gene McGinnis**, Chair, Department of Civil & Environmental Engineering, recently presented a PowerPoint presentation on Scholarship and Communication to a den of webelo scouts from St. Louis School. As part of the presentation, **John Ventura** from the Department of Electrical Engineering demonstrated video conferencing to the scouts.

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