

Christian Brothers University

SCHOOL OF ENGINEERING



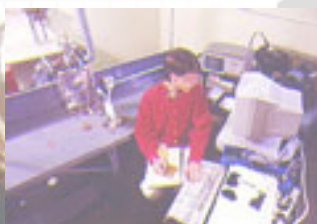
Chemical



Civil



Electrical



Mechanical



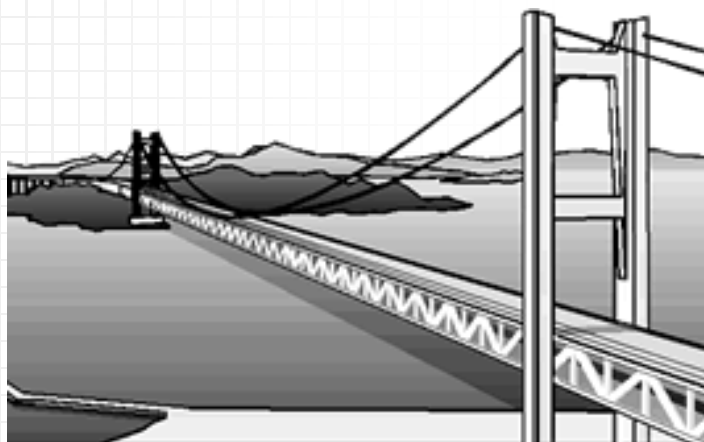
Graduate Engineering

Engineering Newsletters

May 2004

CIVIL ENGINEERING PE REVIEW

CIVIL ENGINEERING P.E. REVIEW June 22 - October 28, 2004



The School of Engineering at Christian Brothers University recognizes the importance of professional registration. We encourage engineering students to become a registered professional engineer in their engineering career by offering the FE Review for them every spring. Most of our seniors take the FE exam during their last year at CBU and have always performed very well. We also provide a continuing education opportunity for registered PE's through a one-day MAESC Conference (<http://www.cbu.edu/engineering/maesc>) And now we are promoting professional registration by offering a Civil Engineering Review to Memphis-area practitioners. Thanks to the US Army Corp of Engineers for co-hosting this review.

The Civil Engineering Principles and Practice Review will be on Tuesdays & Thursdays, 3:30 p.m. – 5:30 p.m., June 22 – October 28, 2004. This is a perfect review for the next PE exam on October 29. The cost is \$500/person, which will cover a review book and 76 hours of review time. Sessions include ethics, economics, fluid statics/dynamics, hydraulic machines, open channel flow, hydrology, flow routing, surveying, traffic analysis, transportation, highway design, statics, strength of materials, indeterminate structures, reinforced concrete, retaining walls, steel design, soil properties/testing, foundations design, pavement design, water chemistry, wastewater quality and characteristics, wastewater treatment and process, activated sludge, solid/hazardous waste management.



For more information, check the CBU Engineering web site at: <http://www.cbu.edu/engineering> or contact Dr. Siripong Malasri at pong@cbu.edu/901-321-3419.

STUDENT NEWS

Zachary Robbins, a graduating ChE senior shared the First Place Award at the AIChE Mid-South Section Meeting in Oxford, MS, on April 21. He presented his internship project from Premcor Refinery. Chris Foster, Ben Reves, Muna Mahdi, and Charlene Yeung (all ChE majors) attended the meeting along with Dr. Ali Pourhashemi and Dr. Randel Price. In addition to Premcor Refinery, Kellogg's, Lucite International and Bodine provided internship opportunities for ChE majors during the 2003-2004 Academic Year.

Congratulations to the following May 2004 graduates for being recognized at the commencement on May 14, 2004:



- **Zachary A. Robbins** received the 2004 Philip M. Becker Engineering Graduate Award for his academic excellence and creativity in his approach to chemical engineering problems.
- **Erik A. Weghorst** received the 2004 Outstanding Civil & Environmental Graduate Award for academic excellence and for his service to the Civil & Environmental Engineering Department.
- **Tequilla N. Clayton** received the 2004 Brother Philip Morgan Electrical Engineering Award for academic excellence and her outstanding design ability. She also received the 2004 Outstanding School of Engineering Graduate Award for academic excellence and for her service to the university and community.
- **Bryan Brandon** received the 2004 T. Herbert Darnell

Mechanical Engineering Graduate Award for academic excellence and for his service to the university and community.

ALUMNI NEWS

Rick McClanahan (CE'79) received the PE in Government Award from the Memphis Chapter of Tennessee Society of Professional Engineers during the Engineers Week last February. Rick is currently Director of the Engineering Department and the City Engineer at the City of Bartlett, TN. He was Subdivision Engineer/Capital Projects Engineer with the Shelby County Government and Design Engineer/Surveyor/Inspector with Tedford Engineering in Memphis. In his current position, he is responsible for residential/commercial developments, wastewater treatment facilities, water treatment plans/distribution systems, traffic signals, roadway improvement projects, floodway management, storm water management, and GIS information/mapping. Congratulations!

On April 21, **Mr. Arthur Eberle** (ChE '82) of Compliance Assurance Associates, Inc., spoke to the ChE 492 Air Pollution Control class on "Visible Emissions Inspections." He brought a smoke generator and allowed the students to experience part of the field test for Visible Emission Training and Certification.



Smoke Generator

Mr. Thomas G. Stoll, P.E. (MEM'02), Product Engineering Manager

for the Bodine Company is the Recipient of the 2004 R. Craig Blackman Outstanding Graduate Engineering Alumni Award. This Award recognizes Tom for his academic excellence, professional achievement, community service, and continuing support of the School of Engineering and the Master of Engineering Management (MEM) Program. Presentation of the Award was made at the MEM Annual Celebration and Dinner on Friday evening, May 7th. Mr. Stoll came to Memphis in 1990 to accept a position as Electrical Engineer II with the Kimberly-Clark Corporation. In 1994 he moved to the Bodine Company as Research and Design Engineer and in 1995 was promoted to his current position. Tom is also an Adjunct Professor and Member of the Advisory Board for CBU's Electrical and Computer Engineering Department. He received his B.S.E.E. from the Ohio State University (1987), M.S.E.E. from the University of Memphis (1995) and M.E.M. from Christian Brothers University (2002). Tom and his wife, Renee, live in Collierville with their two children, Jay (9) and Julie (7).



Left to Right: Mr. Craig Blackman, Mr. Tom Stoll, and Dr. Neal Jackson



Mr. Jerry France (ME'68) received the 2004 Distinguished Alumnus Award at the CBU commencement on May 14, 2004, for his personal achievement and professional success while maintaining character, compassion, and humility. After graduating from CBU, Jerry worked in the petroleum business. He then earned an M.B.A. from Harvard Graduate School of Business. He later founded France Drilling Company, which was acquired and became a division of W. R. Grace & Co., and later acquired by Nabors Drilling. He spent several years

with Arkla Exploration Company. Mr. France was a member of the President's Advisory Council at Centenary College, Board of Advisors for the Frost School of Business, Committee of One Hundred, Eight Air Force Consultation Committee for Barksdale Air Force Base, and Chairman of the Finance Committee of St. Joseph Catholic Church in Shreveport. Congratulations!

Congratulations to the following new alumni. They were presented a degree at the 2004 Commencement Exercises at the Mid-South Coliseum on May 14, 2004.

- **Daniel Donato Barulli** (M.E.M.)
- **Adrian Kenoi Baskin** (M.E.M)
- **Robert Charles Beaver II** (M.E.M)
- **Ben Brooks Bondurant** (B.S.E.E.)
- **Lewis A. Bowman** (M.E.M)
- **Bryan Alexander Brandon** (B.S.M.E – Summa Cum Laude)
- **Josh Thomas Brewer** (B.S.E.E.)
- **Driscoll Lamont Carr** (M.E.M)
- **Jay Allan Casey** (B.S.M.E. – Magna Cum Laude)
- **Mary Jane Cassandras**(M.E.M)
- **Reginald Jamel Clayton** (B.S.E.E.)
- **Tequilla Nicole Clayton** (B.S.E.E.)
- **Joseph Lee Clements** (B.S.E.E.)
- **Nathan Matthew Daulton** (B.S.Ch.E.)
- **Favian Earl DeLima** (B.S.E.E. – Summa Cum Laude)
- **Cassandra Michelle Dillion** (M.E.M)
- **Kyle Thomas Dorgan** (B.S.Ch.E. – Summa Cum Laude)
- **Aaron Savio D'Souza** (B.S.M.E. – Cum Laude)
- **Karen Marlene Farrell** (M.E.M)
- **Tyron Fitzgerald** (M.E.M)
- **Eric Sentell Forte** (B.S.E.E.)
- **Christopher Everett Foster** (B.S.Ch.E.)
- **Neffie Gatewood** (M.E.M)
- **Antonio Marcel Harris** (M.E.M)
- **Eric Steven Heinz** (M.E.M)
- **Bethany Alana King** (M.E.M)
- **Katherine Lannan Lyons** (B.S.Ch.E.)
- **Christopher Alan McKee** (B.S.M.E.)
- **Gieselle Melisa Mendonca** (B.S.E.E. – Summa Cum Laude)
- **Leonard Jerome Mills** (B.S.E.E.)
- **Andrew Thomas Mullis** (B.S.C.E.)
- **Bernard Quinton Norris, Jr.** (M.E.M)
- **Joseph Matsy Polk, Jr.** (M.E.M)
- **Wesley Loyd Reed** (B.S.M.E.)
- **Nicholas Richey** (M.E.M)

- **Zachary Austin Robbins** (B.S.Ch.E.)
- **Phillip Andrew Ryan** (M.E.M)
- **Christine Nicole Scifert** (M.E.M)
- **Khyati Jaykumar Shastri** (B.S.E.E. – Magna Cum Laude)
- **Jason Ray Snyder** (M.E.M)
- **Trevor James Stedke** (M.E.M)
- **John Matthew Swatek** (B.S.E.E.)
- **Gwendolyn Delores Thomas** (M.E.M)
- **Dat Tien Tran** (B.S.E.E.)
- **Hussein Mahmoud Wada** (B.S.Ch.E.)
- **Erik Alan Weghorst** (B.S.C.E. – Cum Laude)
- **Michael Eugene Wiseman** (M.E.M)
- **Daniel Aaron Youker** (M.E.M)

FACULTY/STAFF NEWS

Congratulations to **Mrs. Glenda Emerick** for being a new grandma! **Greg Emerick** (ME'97) and wife, Janie, have a baby girl, Caroline Anne Emerick, (7 lbs., 4 oz.) born on April 29 at 12.30 a.m. in Columbus, IN. Mother, father, and baby are doing well. Grandparents are doing well too!!

Drs. Ali Pourhashemi (ChE), **Randel Price** (ChE), and **Louie Lin** (CEE) talked to a biology class at Christian Brothers High School on the subject entitled "Ecosystem and Pollution."

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