

School of Engineering

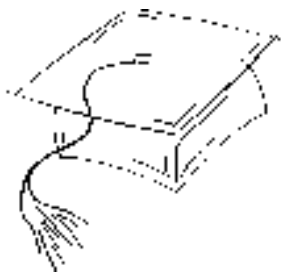
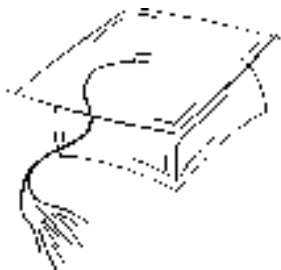
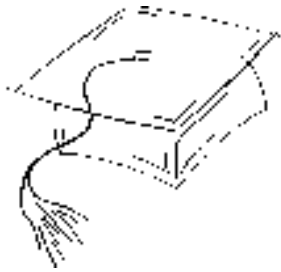
CHRISTIAN BROTHERS UNIVERSITY

News - May 2001

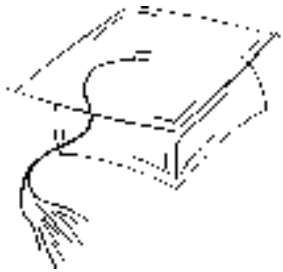
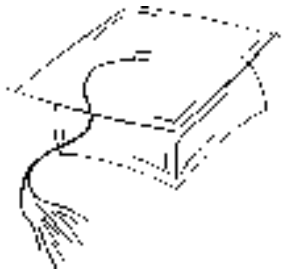
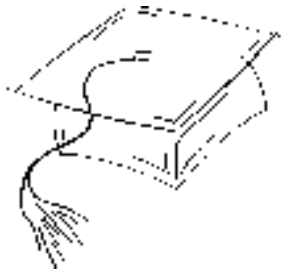
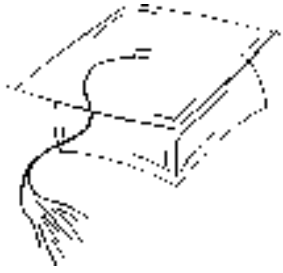
CLASS OF 2001

Congratulations to the following engineering graduates - Class of 2001

Bachelor of Science in Engineering



- **David Michael Biven** - Electrical Engineering
- **Maria-Teresa Blanco** - Electrical Engineering
- **Donald Everett Brown** - Mechanical Engineering
- **Jessica Elaine Brown** - Civil Engineering
- **Brandon Shea Cartwright** - Electrical Engineering
- **Jennifer Brooke Casey** - Chemical Engineering
- **Yothin Chaisingharn** - Civil Engineering
- **Renjith Roy Chandy** - Chemical Engineering
- **Ronald Taylor Crabtree** - Chemical Engineering
- **Gregory Aaron Doyle** - Mechanical Engineering
- **Jarred Paul Drewry** - Mechanical Engineering
- **Douglas Robert Erskine** - Electrical Engineering
- **Crystal Gail Ferguson** - Chemical Engineering
- **John Edward Fuss** - Chemical Engineering
- **Ashish George** - Chemical Engineering
- **Christopher Salvador Gonsalves** - Electrical Engineering
- **Joshua Lane Graves** - Civil Engineering
- **Jack Andrew Griffith** - Mechanical Engineering
- **Alisa Joann Harvey** - Mechanical Engineering
- **Kimberly Marie Howell** - Mechanical Engineering
- **William Edward Hurt IV** - Mechanical Engineering
- **Rahul Omprakash Kabra** - Electrical Engineering
- **Young Jun Kim** - Electrical Engineering
- **Yin Kwan Lam** - Electrical Engineering
- **Jeffrey Lau** - Mechanical Engineering
- **Brian Jason Lawrenz** - Chemical Engineering
- **Tina Lananh Le** - Civil Engineering
- **Marcus Antonio Leaks** - Civil Engineering



- **Lawrence Michael Martin** - Mechanical Engineering
- **Vincent Michael Mashburn** - Electrical Engineering
- **William Siason Mason** - Mechanical Engineering
- **Carrie Deanne Mills** - Mechanical Engineering
- **Dennis Scott Moultrie** - Civil Engineering
- **Brian Patrick O'Reilly** - Mechanical Engineering
- **Robert Christopher Owen** - Civil Engineering
- **Richard Allen Palumbo** - Civil Engineering
- **Andrew Benjamin Parks** - Civil Engineering
- **Sundeep Singh Playa** - Chemical Engineering
- **Joseph Bezehe Qualls** - Electrical Engineering
- **Sharad Mohan Raisinghani** - Electrical Engineering
- **Johan Michael Eugen Reimann** - Electrical Engineering
- **Arthur Dylan Robbins** - Electrical Engineering
- **Zachary Blain Scott** - Chemical Engineering
- **David Christopher Semrau** - Electrical Engineering
- **Laura Dawn Simpson** - Chemical Engineering
- **David Allan Swaney** - Electrical Engineering
- **Luis Fernando Terrazas Dabdoub** - Civil Engineering
- **Lena Thieu** - Electrical Engineering
- **Christopher Lee Vick** - Electrical Engineering
- **Gregory Milton Weaver** - Mechanical Engineering
- **Marvin Willard Webb** - Mechanical Engineering
- **William David Wheat** - Mechanical Engineering

Master of Engineering Management

- **Charlotte Renae Bates** - B.A., The University of Mississippi
- **Belal Fared Gharaibeh** - B.S., The University of Southern Mississippi
- **Norman David Kennel** - B.A., The University of Iowa
- **David Joseph Lessig** - B.S., Purdue University
- **Cory R. Medalen** - B.S.Ch.E., University of Minnesota
- **Michael Imad Nasrallah** - B.S., LeMoyne-Owen College
- **Darrell Wayne Schuh** - B.S.M.E., Tennessee Technological University
- **Walter Emmitt Weirich** - B.S.E.E., Christian Brothers University
- **Stewart B. White** - B.S., California State University, Hayward
- **Run Chen Zhou** - Ph.D., Old Dominion University

STUDENT NEWS

Congratulations to **Maria-Teresa Blanco** (ECE), **Jarred Paul Drewry** (ChE), **Yin Kwan Lam** (ME), **Jeffrey Lau** (ME), and **Carrie Deanne Mills** (ME) for graduating summa cum laude. This honor is awarded to graduates who have attained an average of 3.7.

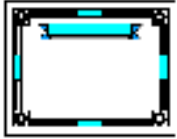
Johan Michael Eugen Reiman (ECE) graduated magna cum laude - awarded to graduates who have attained an average of 3.5.

Cum laude is awarded to graduates who have attained an average of 3.2. The Class of 2001 engineering graduates with this honor are **Jessica Elaine Brown** (CEE), **Brandon Shea Cartwright** (ECE), **Douglas Robert Erskine** (ECE), **John Edward Fuss** (ChE), **Lawrence Michael Martin** (ME), **Robert Christopher Owen** (CEE), **Zachary Blain Scott** (ChE), and **Lena Thieu** (ECE).

Impressively, there were several engineering graduates in the Class of 2001 who earned more than one degree:

- **Jeffrey Lau** - B.S. Mechanical Engineering & M.B.A.
- **Robert Christopher Owen** - B.S. Civil Engineering & B.S. Mathematics
- **Johan Michael Eugen Reimann** - B.S. Electrical Engineering & B.S. Mathematics

Congratulations to **Jarred P. Drewry** (ChE) for being named the 2001 Outstanding School of Engineering Graduate. This award is presented by the School of Engineering faculty to the graduate who has shown evidence of academic excellence and given service to the University and/or community. Jarred, a member of Tau Beta Pi, graduated with a 4.0 GPA and was on the Dean's List every semester at CBU. In addition to a B.S. in Chemical Engineering, he also minored in mathematics. His leadership positions include: Treasurer for the American Institute of Chemical Engineers Student Chapter and Tau Beta Pi Engineering Honor Society; Senator for Alpha Chi Honor Society; and Coach for the Memphis Park Commission and AAU boys basketball (ages 10-14). He was also involved with Habitat for Humanity. While at CBU, Jarred work-studied in the Department of Electrical & Computer Engineering and worked as an intern at OSMOSE, Inc. The Chemical Engineering Department also awarded Jarred the 2001 Philip M. Becker Award in Chemical Engineering. This award is presented to the graduate who has demonstrated academic excellence and creativity in approaches to chemical engineering



Jarred Drewry



problems.

Robert Chris Owen was named the 2001 Outstanding Civil & Environmental Engineering Graduate. This award is presented by the Civil & Environmental Engineering Department to the graduate who has demonstrated evidence of academic excellence and who has been of service to the Department. Chris also recently represented CBU in the 2001 Mathematical Contest in Modeling, sponsored by the Consortium for Mathematics and Its Applications.

The 2001 Brother Philip Morgan Electrical Engineering Design Award went to **Johan Reimann**. This award is presented by the Electrical Engineering faculty to the department graduate who has given outstanding evidence of design ability and academic excellence.

Lawrence M. Martin was awarded the 2001 T. Herbert Darnell Award. This award is presented by the Mechanical Engineering faculty to the department graduate who has demonstrated academic excellence and provided service to the University and/or community. Larry also presented a paper in the Poster Session at the recent MAESC 2001 Conference.

Richard Allen Palumbo received the Thomas G. Morrison Award. The award is given annually by the Department of Civil & Environmental Engineering in honor of the late Dr. Thomas G. Morrison, Professor Emeritus, who was killed in an automobile accident in December 1994. It is awarded to the best civil engineering graduate who specializes in structural engineering.

ALUMNI NEWS

Megan Olson (CEE'99) will start her graduate studies in Project Management this June at Mississippi State University. She has also been offered a graduate assistantship in the construction materials lab and plans to do research in construction materials. After Megan graduated from CBU, she worked full-time with Pickering Firm, Inc., in Memphis. When asked about her education at CBU, she replied, *"The education that I received from CBU has helped me to get where I am heading now in life. Having a small teacher-student ratio, I know that I got a better hands-on education compared to my co-workers who went to larger universities. Knowing that I graduated from CBU, Mississippi State University professors had no trouble believing that I got a good quality education, thus helping in my acceptance into graduate school at State. With the better hands-on experience in the labs at CBU, MSU believed that I was qualified for a graduate research assistantship, which will help fund my tuition. I firmly believe that*

without the help from my professors at CBU, I would not currently be heading down the right path towards my dream job."

Paul Wisnewski, Director of Product Development for Medtronic Sofamor Danek, is the recipient of the 2001 R. Craig Blackman Outstanding Graduate Engineering Alumni Award from Christian Brothers University's School of Engineering and Graduate Engineering program. This annual award was presented by Mr. Craig Blackman to Paul due to his academic excellence, professional success, community service, and support of CBU's School of Engineering and the Master of Engineering Management (MEM) Program. The presentation



was held at the MEM Celebration on April 27, 2001. Alumni, current students, prospective students, and spouses joined Brother Stan, Dr. Siripong Malasri, and MEM faculty and staff in congratulating Paul for this recognition. In his comments, Paul said, *"The need for technical professionals continues to grow with the increasing development and application of technology in the workplace. One of the many benefits of the MEM program is that, in addition to learning how a business operates and how to communicate effectively with all areas of an organization, the graduates maintain their identity as technical professionals."*

FACULTY/STAFF NEWS

The following engineering faculty/staff were recognized at the Faculty and Staff Recognition Reception on April 29, 2001:

- **Dr. Bernard Beard** (5 Years Service Award)
- **Mrs. Diana Dluhos** (10 Years Service Award)
- **Mr. Roland Raffani** (15 Years Service Award)
- **Mr. Henry Rhodes** (15 Years Service Award)
- **Dr. Juan Carlos Olabe** (15 Years Service Award)
- **Dr. Kunchithapatha Madhavan** (25 Years Service Award)
- **Mr. Reginald Rodriguez** (33 Years Service Award - Mr. Rodriguez also retired in December 2000)

Mr. Gene McGinnis, Dr. Neal Jackson, and Dr. Siripong Malasri attended the GMAQ Award Luncheon on May 1, 2001. GMAQ awarded CBU Engineering the following awards:

- Department of Civil & Environmental Engineering
Level I - Quality Commitment Award

- School of Engineering
Level II - Quality Progress Award



Dr. Asit Ray

Dr. Asit K. Ray (ChE) recently presented a refereed paper entitled "Enhancement of Undergraduate Materials Education through Research and Industry-Academic Interactions" at the Spring 2001 International Meeting of the Material Research Society in San Francisco.

Congratulations to **Dr. Asit Ray** (ChE), **Ms. Denise Roberts** (ME), and **Dr. Siripong Malasri** (Dean) for receiving a recent grant from the Medtronic Foundation to support Phase I activities of the Packaging Engineering Initiative at CBU.

The following papers were presented by engineering faculty and students at the recent MAESC 2001 Conference:

- "Teaching Packaging at Christian Brothers University" by **Y. Zhou, Denise T. Roberts, and Asit K. Ray**
- "Integrating Distance Education Technology with Traditional Face-to-Face Instruction" by **Siripong Malasri**
- "Integration of Simulator Programs into Web-based Curriculum" by **John Ventura and Juan Carlos Olabe**
- "Models for Online Learning" by **John Ventura** and Matthew Ventura
- "The Use of Qualitative Case Study Methods to Establish the Potential of Extended Graduate Engineering Programs" by **Joe C. Kastner**
- "Professor/Coach; Gatekeeper/Entertainer: How Can an Engineering Professor Today Balance these Roles in an Engineering Undergraduate Classroom?" by **Robert F. Blanks**
- "User Requirements Impact on Long-term System Maintenance" by **Carl Hardeman**
- "Application of Genetic Algorithm Techniques in Solid Waste Route Optimization - A JAVA Implementation" by **David Schaeffgen and Siripong Malasri**
- "Stainless Steel Blade to Polycarbonate Hub Attachment for the Turbo 7000 ESSential Shaver System" by **Larry Martin**
- "Energy Conservation Study for the Veterans Affairs Medical Center in Oklahoma City" by **Greg Doyle**

The conference proceedings can be found at <http://www.cbu.edu/engineering/maesc/>.

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