



Letter from the Chair



Kalliat T. Valsar

New Faculty: Michael Benton

In August 2007, Michael Benton was one of two new assistant professors that the department welcomed to the faculty. Benton comes to LSU directly from graduate school having just received his Ph.D. in Chemical and Biological Engineering from the University of Wisconsin-Madison. Benton also holds a M.S. in Chemical Engineering from the University of Alabama and a B.S.

in Biology from The University of South Carolina.

New Faculty: Francisco Hung



Faculty Awards

ChE Projects Awarded CoE Grants

Two Chemical Engineering projects were selected to receive College of Engineering grants from the Fund for Innovation in Engineering Research (FIER).

As reported in the article on new faculty member **Michael Benton**, he and **Martin Hjortso** were awarded a FIER grant for their proposal, "Stochastic Models of the Eukaryotic Cell Cycle" in December 2007.

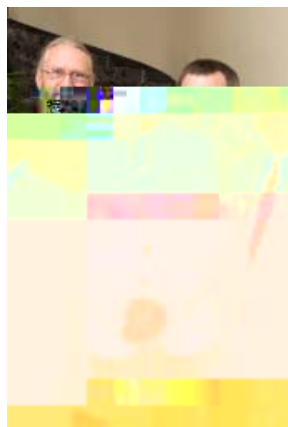
In February 2008, **James Henry** and **Karsten Thompson** were awarded a FIER grant for their proposal, "Intelligent Design of Tissue Scaffolds." Their plan is to test possible new protein polymers that may be used as scaffold structure as a function of preparation methods. According to Henry and Thompson, the nature polymer could be more cost effective and benign than the ceramic and metal bone supplements used currently.

From Henry and Thompson's grant, this is a 3-D graphic of a digital image that will be used as the basis for the quantitative characterization and modeling of the bone replacement process.



The grants will provide seed money to begin research, thereby allowing faculty to use their preliminary data to apply for national grants. The grant is funded by a generous donation by the family of Harry J. Longwell, through the Longwell Family Foundation.

Awardees of FIER grants were honored at the annual LSU College of Engineering Hall of Distinction ceremony on April 17, 2008, which took place at the LSU Faculty Club.



Hjortso and Benton at the LSU CoE Hall of Distinction ceremony.



Thomson and Henry at the LSU CoE Hall of Distinction ceremony.

Louis Thibodeaux (B.S. 1962, M.S. 1966, Ph.D. 1968), the Jesse Coates Professor in Chemical Engineering, is the 2008 awardee of the Charles E. Coates Memorial Award. He was honored at the annual Coates Banquet, which was held on May 8, 2008, at Boudreaux's in Baton Rouge. At the banquet, Thibodeaux gave a lecture entitled, "Environmental Chemodynamics-The last chemical design element".

The Charles E. Coates Memorial Award is given annually to a member of the American Chemical Society (ACS) or American Institute of Chemical Engineering (AIChE) who has made outstanding contributions to: 1) the professions of chemistry or chemical engineering; 2) the ACS or AIChE; and, 3) the Baton Rouge community. The award was founded in 1957 by the Baton Rouge chapters of ACS and AIChE to honor the memory of Charles E. Coates.

Charles Coates was one of Louisiana's most prominent figures in Chemistry and Chemical Engineering. He was the head of the Chemistry Department at LSU from 1893-1937 and Dean of the Audubon Sugar School from 1908-1931. He spearheaded the creation of the Department of Chemical Engineering at LSU and served as its first department chair from 1908-1936.

Associate Professor **Jerry Spivey** (Ph.D., 1980) was one of 100 outstanding research and creative faculty that were honored by LSU at the first annual Rainmaker's Gala on September 10, 2008. The dinner and award ceremony served to recognize outstanding faculty for exceptional productivity and contributions, thereby bringing positive recognition to LSU on both a national and international scale. Part of the reason Spivey has been bestowed with this honor is his continuing work to improve efficiency of ethanol fuel. Last year Spivey, along with partners at Clemson University and Oak Ridge National Laboratory, received \$2.9 million from the Department of Energy and cost-sharing partner, ConocoPhillips, to begin work on producing ethanol from a coal-derived syngas. Not only is he received large, competitive grants, but also receiving honors and recognitions from the international community. In 2007, Spivey was named a Fellow of the London-based Royal Society of Chemistry (RSC). The RSC has the longest continuous tradition of any chemical society in the world and a worldwide membership of more than 43,000 scientists. Fellows of the RSC are selected by current mem-

Kerry Dooley chaired the 20th North American Meeting of the Catalysis Society in June 2007. He also had the following papers published and made the following presentations during 2007-08:

New Chemical Engineering Building

Fund-raising for the new Chemical Engineering building continued at a steady pace this past academic year. A number of donations were received from both private and industrial donors. We are deeply grateful for all of the support and wholeheartedly thank those of you who have donated to the building campaign thus far.

Private Donors

Jerry Affolter (B.S., 1942)
Robert (B.S., 1948) and Adele Anding
Oscar "Dub" Andras (B.S., 1957)
John W. Barton, Sr. (B.S. in Sugar Engineering, 1939)
Joseph F. Butterworth, Jr. (B.S., 1949)
Ron Cambre (B.S., 1960)
Ernest D. Campbell (B.S., 1949)
George A. Daniels (M.S., 1963)
Mr. & Mrs. Wayne Davis (B.S., 1957; M.S., 1959)
Clarence M. Eidt, Jr. (B.S., 1956; M.S., 1962)
Clements Helblings, (B.S., 1949)
Joseph A. Kleinpeter (B.S., 1965)
Alfredo Lopez (B.S., 1963; M.S., 1965; Ph.D., 1968)
Malcolm C., Jr. (B.S., 1942) and Gene Perdue Lowe
Kenneth Riley (B.S. 1963, M.S. 1965, Ph.D. 1967)
Wayne (B.S., 1975) and Linda Turner
Don Waguespack (B.S., 1961)
Donald Winkler, M.D. (B.S., 1957; M.S., 1958; Ph.D., 1961)

Companies Providing Matching Gifts

Albemarle	BASF
Chevron Texaco	Dow Chemical
Duke Energy	Exxon Mobile
Georgia Gulf Corp.	Lexmart
Marathon Oil	Mead West Vaco
Newmont Mining	PPG Industries
Shell Oil Company	Vulcan Materials
Williams Olefin	

Testimonials from Donors to the New Building



"We are confident that Marathon's contribution in support of the LSU Chemical Engineering Building Fund will help advance the outstanding work being undertaken by the University to expand and enhance key programs that will prepare our future leaders in the field of chemical engineering and related disciplines which are critical to the wellbeing of the United States and the world."



"Dow had always enjoyed a strong, long term partnership with LSU and the department of Chemical Engineering. In fact, LSU is one of Dow's 15 strategic universities across the U.S. This contribution to the new Chemical Engineering Building is a re-commitment of our partnership and the importance of LSU to The Dow Chemical Company. We are proud to make this investment in the future of LSU and the Chemical Engineering Department."

David Mongrue, Dow Executive for LSU and Manufacturing
Director for Specialty Chemicals

Student Awards

Commencement

Summer 2007 Commencement

Bachelor of Science in Chemical Engineering

Bruce A. Adams, Jr.
Mehmet S. Aksoy
Jonathan D. Brockhaus
Dennis Kun Ho Lew

Master of Science in Chemical Engineering

Anushree Datta
Jianrong Liu

Doctor of Philosophy in Chemical Engineering

Ming Yin

Fall 2007 Commencement

Bachelor of Science in Chemical Engineering

William T. Bergeron
Jared J. Fontenot
Matthew D. Godsey
Yen Kim Tina Hoang ()
Timothy D. Krimmel
David B. McDougald II
Gasper Migliore III
Tyler R. Moore ()
Jennie M. Najolia ()
David A. Quinn
Gregory M. Robertson

Master of Science in Chemical Engineering

James Matthew Faubion

Doctor of Philosophy in Chemical Engineering

Spring 2008 Commencement

Matthew Stephens received both a University Medal and the College of Engineering McLaughlin Medal at the Spring 2008 commencement ceremonies. The University Medal is given to LSU undergraduate students graduating with the highest overall grade point average (which is usually a 4.0). Matt was one of 34 University Medalists at LSU's 265th commencement exercises, held on May 16, out of approxi-

First Annual Scholarship Donor & Recipient Dinner

The department hosted its first annual Scholarship Donor & Re-

William A. Brookshire has made a donation of \$500,000 to the LSU Foundation to establish the first endowed distinguished fellowship to benefit chemical engineering. Brookshire worked for

If you would like for us to print news of your latest achievements, please complete the short form included in this newsletter and return it to us. Or, you may send us an e-mail at gradcoor@lsu.edu or visit our Alumni Guestbook on our Web site at www.che.lsu.edu. We would love to hear from you!

1960s

Kernan M. Banker, Jr. (B.S., 1964) retired in 2004 after 41 years with International Paper Company in the technical, production, and environmental areas. Presently, he resides in Balstrop, Louisiana.

E.W. "Woody" Harrison (B.S., 1961) retired from Exxon in 1999 after 32 plus years. He worked in refineries, chemical plants, offshore, and marine. He is currently engaged in some consulting through Becht Engineering (which is still mostly ExxonMobil).

1970s

Mike Chatelain (B.S., 1973) is currently a project manager for CDI Engineering after serving 25 years as a project engineer/manager for Ciba-Geigy (Novartis, Syngenta). He has a camp at Old River where he and his wife enjoy hunting, fishing, and bird watching. They can also be found on selected weekends serving meals at the St. Vincent de Paul dining room.

Steven Johnson (M.S., 1975) is self-employed as a Japanese-English technical translator and also as a technical consultant at Shell Oil in Houston.

1980s

Mike Achacoso (B.S., 1989) is coming up on 19 years with ExxonMobil. Since his last update to the newsletter, he is based in Fort McMurray, HwHa 7.7(r)6[(Hls 1.g rLanglow(c0.0628 Tw6[(is c)6.9(oming uw2.17tly a pr)13.93yngen)15B.S., 1ap)an(O)000halmolog0sSinc4 t10-0uea-E.a.iartis, S

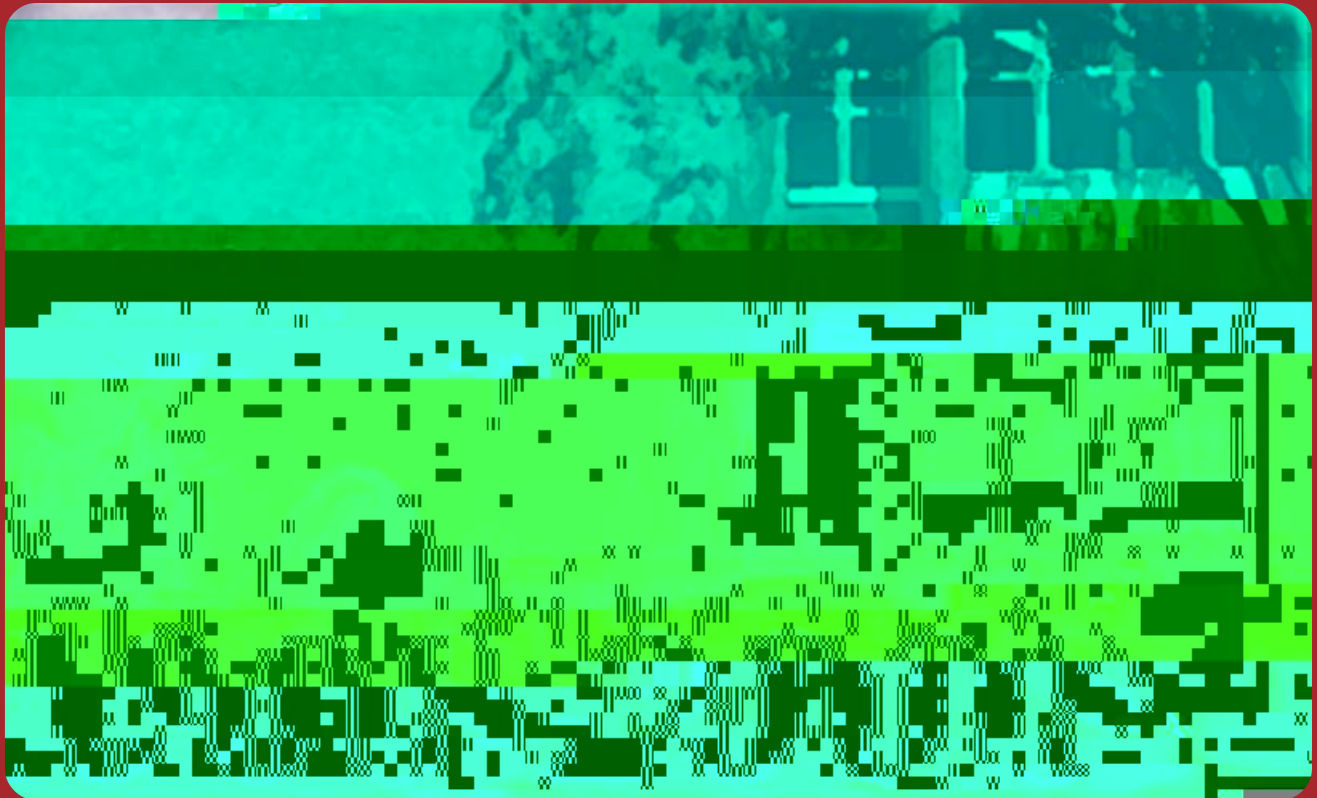
covery company. He is currently the technical operations manager for the facility. He will receive his MBA from the University of Louisiana in Lafayette this year.

Fred Harry, Jr. (M.S., 2001) was recently promoted to production leader for an 800M lb Caprolactam Purification facility for Honeywell Resins and Chemicals in Hopewell, Virginia. He has been married for five years and has one young son and another baby on the way.

Che-Yih Lim (B.S., 2003) is employed by Chevorn Oronite LLC as a process research assistant. His work involves lube oil additive for heavy duty diesel engine oil.



100 Years of Chemical Engineering at LSU



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