

# ENGINEERING NEWS

LOUISIANA STATE UNIVERSITY COLLEGE OF ENGINEERING

FALL 2002 ••• VOLUME 30, NUMBER 1



**HALL OF DISTINCTION INDUCTEES**

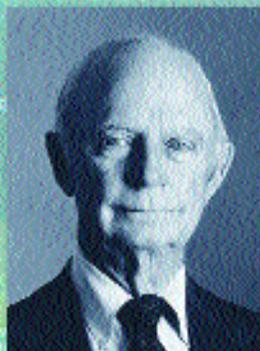
MARK AND CAROLYN CAMPBELL GUIDRY and WILLIAM H. STONE

Story on page 4

At left: Mark R. Guidry, Carolyn Campbell Guidry, Dean Pius Egbelu, and William H. Stone.

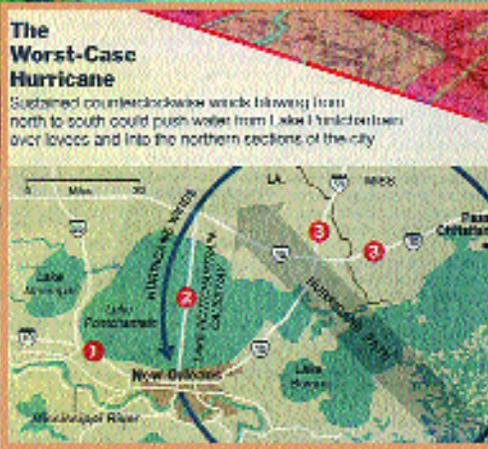
**RESEARCHERS AT LWRRI ARE STUDYING LOUISIANA'S COASTLINE TO DETERMINE HOW TO PREVENT THE POTENTIAL DEVASTATION OF A NEW ORLEANS HURRICANE.**

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**BELOVED BENEFACTOR DIES**

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# FROM THE DEAN



*The* COLLEGE OF ENGINEERING has made major strides in several key areas in the past year. As the dean, these accomplishments have been very fulfilling and rewarding. This is a period of unprecedented opportunities in the college in many ways. We are leveraging on the talents in the college to pursue joint partnerships with other colleges at the University, other universities and LSU campuses within the state, and institutions around the country. For example, College of Engineering faculty members are partnering with faculty from LSU Medical Center and Tulane Medical Center in New Orleans to pursue innovative research in bioengineering. College of Engineering faculty members are in partnership with people at the University of New Orleans and Southern University in Baton Rouge in clean energy research, an area critical to the Louisiana economy. Within the University, our faculty are also in partnership with faculty members in the College of Basic Sciences and the College of Arts and Science in developing nanostructures for medical implants. Through these partnerships, we are breaking the virtual walls that have kept the units as silos in the past. By leveraging on our strengths, we are repositioning the University and the state for the educational and industrial requirements of the future.

As always, our alumni and friends continue to support the college in a very healthy way. The college benefitted in gifts totaling over seven million dollars in fiscal year 2002 to support several programs. For example, a gift of \$2.5 million from the late Gordon Cain will be used to establish a center for writing and communication for sci-

ence and engineering students. The center is a collaborative venture between the Colleges of Engineering, Basic Sciences, and Agriculture. This gift provides us with additional funds to intensify our efforts in providing additional writing and communication opportunities for our students. Writing and communication are two areas that employers have emphasized as being highly critical to a successful career in engineering. For the many friends and alumni who remembered us in the past fiscal year in gifts and other forms of direct support, I would like to sincerely thank you for your generosity. Without your support, we would not be able to develop some programs, which we consider vital for a 21st century engineering education. Your support made a big impact on both students and faculty. To those who are yet to give, I invite you to join us in the partnership to make engineering education at LSU the best it can be. The right time to help is now.

As I noted above, Gordon Cain has been a major donor to the college and has been credited for over \$25 million in donations to the University. Unfortunately, it is with a heavy heart that I report to you that Mr. Cain passed away in October. The College of Engineering and the University lost a major friend and a partner. Our hearts are with the Cain family at this difficult time. We wish them God's guidance to cope with the loss. We must join hands to keep Mr. Cain's vision for the College of Engineering alive.

The College of Engineering is experiencing steady and healthy growth in research. The nearly \$16 million in new research awards in the past fiscal year represents a double-digit increase in the funding level over the preceding year. Major research thrusts are underway in information technology, bioengineering, environment, nano materials and structures, and energy, to mention a few. The college now has one of the leading faculty groups in hurricane and wind engineering research in the country. While we make inroads in emerging areas, we continue to strengthen and build on our core areas of petroleum and petrochemical. In the past academic year, College of Engineering faculty members made several appearances as experts at state and national levels to speak on key issues in engineering that affect peoples' lives. They spoke and testified before Congressional committees, corporate boards, and municipal councils as experts on a range of topics that include transportation, national security, hurricanes, hazardous substances, energy, and the environment. Our continued success in recent years in recruiting well-known faculty members in various disciplines can only further enhance the national standing of the college in the years to come.

The successes we experienced in recent years have not come without challenges or growing pains. The growth in our undergraduate enrollment is stretching our capacity to meet laboratory and classroom demands. Some of our buildings require major renovations to provide additional space for classrooms and laboratories. In particular, there is great urgency for space renovation for the Electrical and Computer Engineering Department Building and the Old Plant Stores Building, which will benefit nearly all departments in the college. To get these renovation projects moving, we will need to raise private funds from alumni and friends, both individuals and corporations. To wait for state funding for these projects would mean several years of delay that would often span beyond a decade. If we have to wait this long, the opportunities as they now exist would be gone by the time the buildings are renovated. In research and education, timing is everything. To be ready tomorrow, we have to prepare today. For the LSU College of Engineering, the time is now. Please, we need your support for these projects. Giving to the College at this time is an investment you will be happy you made. Again, these are times of unparalleled opportunities in engineering; the College of Engineering is already a part of this historical moment. Join us in making this time truly remarkable for the college and for LSU, now and in the future.

A handwritten signature in blue ink that reads "Pius J. Egbelu".

Pius J. Egbelu  
Dean of Engineering and  
Bert S. Turner Distinguished Professor

**PUBLISHING INFORMATION**

ENGINEERING NEWS is published by the LSU College of Engineering for the benefit of its students, alumni, and friends.

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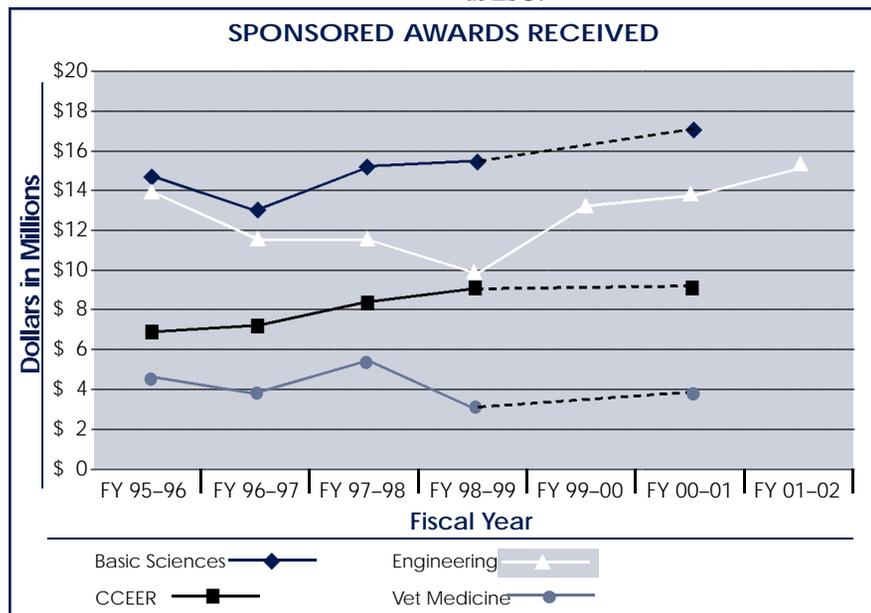
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**RESEARCH FUNDING INCREASES**

THE COLLEGE OF ENGINEERING has experienced, for the second year in a row, a recent increase in outside funding for research and sponsored activities in the fiscal year 2001-2002. This year's total of \$15,592,732 represents a 12.7% increase over last year's amount of \$13,825,577 in sponsored

awards received. The upswing is attributed to our faculty's hard work and dedication. Excited about the increase, Associate Dean Mehmet Tumay announced, "We are hopeful to break the \$17 million goal next year." The chart below indicates how engineering compares to other major research units at LSU.



**DEPARTMENT NEWS**

**Lisa Bergens** is now a Licensed Professional Counselor in the state of Louisiana.

**Martha Denova** retired February 22, after working as an accountant for Engineering Services since 1995. She has worked with the state of Louisiana for 25 years at the Agricultural Center and the Agronomy and Athletic Departments.

**Mehmet Tumay** served as the National Science Foundation (NSF) principal investigator/project director for an international research collaboration workshop sponsored by the NSF and held during the 15th International Conference on Soil Mechanics and Geotechnical Engineering in Istanbul, Turkey, in August 2001. The workshop's mission was to identify researchers and institutions with Geo-Engineering interests in order to develop international collaboration and secure future NSF funding opportunities. More than 50 participants came from various countries, including Turkey, France, and Malaysia, to attend the conference.

# LSU HALL OF DISTINCTION INDUCTS THREE HONOREES

## 2001-02 HALL OF DISTINCTION INDUCTEES

THE LSU ENGINEERING HALL OF DISTINCTION proudly welcomes three distinguished engineers who have been inducted as members this year. In 1979, the College of Engineering established the Hall of Distinction to recognize individuals who have made significant contributions to the engineering profession. Seven charter members were elected in 1979, and generally, two achievers in engineering have been added each year since. Criteria for election include distinguished professional achievement, dedicated service to engineering, and outstanding humanitarian activities. Eligibility is not limited to LSU alumni, although it is expected that nominees will have had some connection with and shown interest in LSU. Nominations may be made by anyone, and are solicited each year from alumni, faculty and friends of the college. Election to the Hall of Distinction is by a broadly constituted 10 member Board of Election, which reviews and acts on nominations. In the past, the engineers elected to the Hall of Distinction have come from widely varied backgrounds—from the highest levels of engineering research to the top management of multinational corporations. In honoring these people, the College of Engineering feels that it is, at the same time, honoring all those engineers whose contributions, although not all visible to the public, are nonetheless significant and collectively exemplify engineering as a profession unparalleled in its contributions to society.



*Hall of Distinction 2002: (left-right) Mark R. Guidry, Carolyn Campbell Guidry, Dean Pius Egbelu, and William H. Stone.*

### Mark R. & Carolyn Campbell Guidry



*Mark R. & Carolyn Campbell Guidry*

Mark R. Guidry, a Louisiana native, grew up in New Orleans and Cut Off, Louisiana. Carolyn Campbell was born in Hattiesburg, Mississippi, and grew up in states across the Deep South. They both attended LSU earning their bachelor of science degrees in electrical engineering in 1959. Carolyn served as student vice president of the College of

Engineering and Mark served as student council representative for the college during their senior year. They met, fell in love and were married one week after graduation. They moved to Seattle, where they both worked for Boeing. Mark took a leave of absence to pursue his master's degree from the University of Washington, and Carolyn had their first child. Upon earning his master's degree in electrical engineering in 1961, Mark joined the faculty at LSU in the electrical engineering department and Carolyn chose to put her engineering career on hold to have their second son and to raise their children. Mark enjoyed teaching, and they moved to Iowa, where he earned his Ph.D. from Iowa State University in 1965, and Carolyn gave birth to their daughter. They then returned to Baton Rouge and to the LSU faculty. Mark conducted research in semiconductor technology, laser technology and radio wave propagation, as well as taught classes, served on committees and authored numerous

publications. He also served as chapter advisor and on the house corporation of Acacia Fraternity. In 1969, Mark joined Texas Instruments in Houston, where he developed manufacturing technology for MOS metal gate. While there, he developed a self-aligned gate process, earning several patents for his work. In 1971, he joined a small company in San Diego and managed circuit design and manufacturing for a single chip MOS calculator. In 1973, he joined Fairchild Semiconductor in Palo Alto, California, as the department head for the CCD Memory Department in the R&D Division. He later served as the engineering manager for the MOS Division and served an interim period as production manager for the MOS Division. Additionally, he worked with joint venture foreign manufacturers in the exchange and development of technology. During this time, Carolyn was raising their children, managing the home and finances and volunteering in the schools. When the children were in high school, she attended San Jose State University and received her master's degree in computer engineering in 1979. Upon graduation, she joined Hewlett Packard Co. in their computer division. A member of the design team for several of HP's new computers, she was directly responsible for the development of a new flexible interconnect ribbon cable and the micro code for a new computer system. She also assisted in market analysis and product planning for a new family of high performance computer systems. Mark and Carolyn founded two companies: Simon Software, devoted to semiconductor design software, and Avasem Corporation, a semiconductor product development company. Simon Software was merged with another private software company. This company became a public company three years later and today is the leader in its field. Avasem was founded in 1980, developed the first single chip timing generators among its many products, and in 1993, was merged with Integrated Circuit Systems. This combined company today is the leader in the field of electronic timing generators, has annual sales exceeding \$180

million and a valuation exceeding \$1.7 billion. Aside from the financial success of these two companies, they employ over 5,900 people. In 1988, Carolyn retired from HP to pursue her interests in children's education. She was a full-time volunteer for the Children's Discovery Museum in San Jose, California, developing computer systems and software for the museum and assisting in development of concepts and funding. In 1993, she founded the Mark and Carolyn Guidry Foundation, devoted to funding education and the arts. She is the president and currently manages all aspects of the foundation. Mark and Carolyn have three married children and six grandchildren, all residing in California. All three children graduated with degrees in engineering or computer science. In 1994, Mark retired and spent four years sailing in Mexico and the Caribbean. He served as a trustee of the Acacia Fraternity Foundation. He currently serves as chairman of the board of Mozarella Fresca Corporation, which specializes in fresh Italian cheese and as secretary of the Guidry Foundation. They reside in Bainbridge Island, Washington, spending much of their time with their family, on their California ranch and on their boat in the Caribbean.

### William H. Stone



*William H. Stone*

William H. Stone, cofounder and president of Main Energy, Inc., received his bachelor's degree from LSU in petroleum engineering in 1966. Stone

was born in Saint Johnsbury, Vermont, raised in Ocala, Florida, and currently resides in Houston, Texas. Upon graduation from LSU, Stone was employed with Union Oil Company of California, where he held various drilling and production positions from 1966-1981. In 1981, he became general manager of Oilfield Consultants International in London, England. Two years later, he founded Star Oilfield Services, Inc., an international oilfield consulting company in London, which provided technical drilling expertise and personnel to operating oil companies. In 1987, Stone and his partner, Don Hecker, who is also an LSU petroleum engineering graduate, founded Main Energy, Inc., an oil and gas property acquisition company in Houston, Texas. They quickly led the company to become a profitable enterprise using funds from managing properties for overhead and using innovative deal-making to acquire assets. By tending to all aspects of the business, Stone and Hecker drove the company's growth in value. The company has had production in 13 states and has operated more than 900 wells. Stone is a member of the Society of Professional Engineers, for which he was a distinguished lecturer on deep water subsea completions in 1978-1979. In 1980, he taught cementing and casing design in an Advanced Drilling course in petroleum engineering at the University of Texas. He has been a member of the Craft & Hawkins Department of Petroleum Engineering Industry Advisory Committee since 1993, and previously served as chairman. In 1994, Stone cofounded the Houston LSU Petro-Tigers, an organization for LSU petroleum engineering alumni living in the Houston area, and he has served as president since the organization's inception. He was appointed Honorary Colonel by former Louisiana Governor David Treen and has also served as a four-time delegate to the Texas Republican State Convention. Stone is married to the former Connie Martin, and they have two sons: Scott and Kevin.

## DEANS PLAN EXPANSION OF LITERACY CENTER

Pius J. Egbelu, dean of the College of Engineering, and Barbara S. Fuhmann, dean of the College of Education, have teamed together to enhance the teachings of engineering, math, and science at LSU.

Egbelu and Fuhmann participated the Deans' Summit on Technological Literacy in October 2001 in Baltimore, Maryland to learn about collaborating to enhance science, math, engineering, and technology literacy in K-12 education in Louisiana. Their three main goals are to teach faculty the latest instruction methods, to work with K-12 schools for effective teaching of math and science, and to expand the LSU Center for Scientific and Mathematical Literacy. The center, located in Peabody Hall, began with the Colleges of Arts and Sciences, Basic Sciences, and Education. Since the center's establishment, the College of Engineering has become a supporter. A name change reflecting the addition of engineering and technology is being considered.

"The center's expansion is a partnership between the College of Education and the College of Engineering. The College of Education will prepare the engineering faculty with better methods of teaching students, and the College of Engineering will help teachers to incorporate engineering into their work. Both sides will benefit," says Dean Egbelu.

## ALUMNI ENCOURAGED TO REGISTER WITH CAREER SERVICES

Career Services at LSU provides a way for employers and students to post and explore job opportunities. Employers can use the site to post job openings, set up interviews with students and receive résumés of students who meet specified job qualifications. Students can explore career options, receive career counseling, post their résumés and schedule on-campus interviews with employers.

The center also provides the LSU Tiger Network, a system created for LSU alumni to mentor students interested in a particular field. Anyone seeking new employment can register online with LSU Career Services by visiting [www.lsu.edu/career](http://www.lsu.edu/career).

## BOURGOYNE HONORED AT UNIVERSITY OF TEXAS



*Adam T. Bourgoyne, Jr.*

Adam T. Bourgoyne, Jr., former dean of the College of Engineering, has been named a 2001 Distinguished Engineering Graduate at the University of Texas at Austin. Bourgoyne was recognized on December 8, 2001, during commencement. The five Distinguished Engineering Graduate honorees were selected based on their outstanding professional records, public service, support of education and other significant achievements.

Bourgoyne received his Ph.D. in petroleum engineering from the University of Texas in 1969, became part of the petroleum engineering faculty in 1971 and served as dean of the College of Engineering at LSU from 1997-1999.

## CEE TWINS GRADUATE



*Dean with twin graduates*

Kristin Beth and Lauren Mary Thibodeaux, twins, were recognized at the spring 2002 commencement ceremony. The Metairie natives, Kristin and Lauren, graduated magna cum laude and cum laude, respectively. They completed their bachelor's degrees in civil engineering.

## CORRECTIONS/OMISSIONS

The College of Engineering apologizes for incorrectly reporting the following in our fall 2001 issue:

**Emogene Pliner** was incorrectly listed as the spouse of Leon Pliner. Ms. Pliner is the sister of the late Leon Pliner.

In our listing of contributors to the College of Engineering, we incorrectly reported **Dr. Lawrence Mann** as Lawrence Alcus Mann.

# HONOR GRADS RECOGNIZED AT COMMENCEMENT CEREMONIES

THE UNIVERSITY issues degrees summa cum laude, magna cum laude and cum laude based on students' grade-point averages. Summa cum laude degrees are awarded to students whose grade-point averages are between 3.90 and 4.00. Magna cum laude degrees are awarded to students whose grade-point averages are within 3.80 and 3.89. In order for a degree to be awarded cum laude, the grade-point average must be between 3.70 and 3.79. A student graduating with an overall 4.00 average is granted LSU's highest award, the University Medal.

The following engineering students have received recognition for earning top honors at commencement:

## Fall 2001

	CURRICULUM
<b>Magna Cum Laude</b>	
Seth J. Prejean	EE
<b>Cum Laude</b>	
Jeffrey A. Gallagher	EE
Joseph W. Ledet	EE
Larry L. McGinn, Jr.	CM
Niki C Mita	CE
Jyh-Liang Siau	ME

## Spring 2002

<b>Summa Cum Laude</b>	
Karelys D. Bastidas	IE
Jesse Q. Bond	CHE
James T. Caldwell	EE
Brian A Craig	EEC
Adam Z. Cygan	ME
Mark A. Danos	ME
Bilal Ghosn	BE
Benjamin L. Hodnett	BE
Jing Jiang	EEC
Lindsey C. Liles	ME
Emile Marchive III	CM
Brent T. Martin	IE
Ilke Mollaoglu	IE
Joel R. Ochmand, Jr.	EE
Wesley J. Palmisano	CM
Thomas C. Royster IV	EE

	CURRICULUM
Frank A. Yacone, Jr.	CHE
Xuefeng Zhuang	EEC
<b>Magna Cum Laude</b>	
Johnathan E. Fourier	EVEG
Sarah M. Jones	BE
Neema Pourmohamadian	ME
Kathryn B. Rhea	CE
Barry M. Rogge	CHE
Herbert J. Roussel IV	EE
Ericka Lydia Ruiz	IE
Ryan J. Schexnaydre	CHE
Kristin B. Thibodeaux	CE
Patrick A. Veillon	CHE

<b>Cum Laude</b>	
Abdulaziz A. Al-Ajaji	PETE
Gaetano A. Aloisio	CHE
Lance M. Black	BE
Marc P. Bourgeois	CM
Hang-Ping Chen	ME
Greg M. Determann	BE
Christopher J. Fogarty	CHE
Lindsey D. Ledet	EEC
Jacob E. Lemoine	CHE
Neil M. Patel	EEC
Michelle A. Pivach	EE
Margaret S. Reaves	CHE
Lauren M. Thibodeaux	CE

## Summer 2002

	CURRICULUM
<b>Summa Cum Laude</b>	
Ankush Agarwal	EEC
<b>Cum Laude</b>	
James Alan Hamilton	EE
Juan Esteban Nasser	IE

### LEGEND

BAE-Biological and Agricultural Engineering  
 BE-Biological Engineering  
 CEE-Civil and Environmental Engineering  
 CE-Civil Engineering  
 EVEG-Environmental Engineering  
 CHE-Chemical Engineering  
 CM-Construction Management  
 ECE-Electrical and Computer Engineering  
 EE-Electrical Engineering  
 EEC-Computer Engineering  
 IMSE-Industrial and Manufacturing Systems Engineering  
 IE-Industrial Engineering  
 ME-Mechanical Engineering  
 PETE-Petroleum Engineering

## GRADUATES AWARDED MCLAUGHLIN MEDAL

The McLaughlin Medal is awarded during graduation ceremonies to honor the engineering graduate with the highest grade-point average. It was established by the College of Engineering Dean's Advisory Council to honor Dean Emeritus Edward McLaughlin, who served the college for 28 years as a professor, researcher, chemical engineering department chairman, and finally as dean of the college.

The following are the recipients of the medal:

## FALL 2001

Seth Prejean (ECE) of Lafayette, plans to work for Advanced Micro Devices in Austin, Texas.



Chancellor Mark Emmert, fall 2001 McLaughlin Medalist Seth Prejean, and Provost Dan Fogel

## SPRING 2002

James Caldwell (EE) of Baton Rouge, is a Second Lieutenant in the U.S. Air Force and is considering pursuing a master's degree in electrical engineering at the Air Force Institute of Technology in Ohio.

Brian Craig (EEC) of Lafayette, is the founder of Velocity Squared, a company he started through LSU's Louisiana Business and Technology Center. He plans to remain self-employed.

Adam Cygan (ME) of Baton Rouge, plans to attend Georgia Tech to pursue a master's degree in mechanical engineering.

Bilal Ghosn (BE) of Baton Rouge, plans to attend Georgia Tech for a master's degree in biomedical engineering.



Dean Pius Egbelu (left) and Edward McLaughlin (right) with spring 2002 McLaughlin Medalists Thomas Royster, Bilal Ghosn, Jing Jiang, Brian Craig, James Caldwell, Adam Cygan, and Xuefeng Zhuang

Jing Jiang (EEC) from Shanghai, China, plans to attend Stanford to receive a Ph.D. in electrical engineering.

Thomas Royster (EE) of Thibodaux, plans to attend Clemson University, to pursue a master's degree in electrical engineering.

Xuefeng Zhuang (EEC) from Changshu Kiangsu Province, China, plans to attend Stanford to pursue a Ph.D. in electrical engineering.

## SUMMER 2002

Ankush Agarwal (EEC) from New Delhi, India, plans to continue his education at LSU to receive a master's degree in computer engineering.

## GRADUATES RECEIVE MILITARY COMMISSIONS

Matthew Belle (ME) of Baton Rouge, was commissioned as an undergraduate pilot trainee and will attend undergraduate pilot training at Randolph Air Force Base in San Antonio, Texas.

Gregory Blanchard (ChE) received a commission in the Army and will be assigned to Armor in the Louisiana Army National Guard in Shreveport. Blanchard was a two-year Army ROTC Scholarship Cadet.

James Caldwell (ECE) of Baton Rouge, received his commission in the Air Force and was selected to attend the Air Force's Institute of Technology graduate degree program to earn his master's in developmental engineering at Wright Patterson Air Force Base in Ohio.

Andrew Cavallero (ME) of Houston, Texas, was commissioned as an undergraduate pilot trainee and will attend undergraduate pilot training at Randolph Air Force Base in San Antonio, Texas.

William Lord, Jr., (ME) of Ponchatoula, received his commission in the U.S. Marine Corps. He will attend Basic School in Washington, D.C. before attending Flight School in Pensacola, Florida.

Andre Monnot (CEE) of Mandeville, was commissioned as an undergraduate pilot trainee in the EURO-NATO Joint Jet Pilot program and will attend pilot training at Sheppard Air Force Base in Wichita Falls, Texas.

## LES AWARDS SCHOLARSHIPS

## GRADUATE STUDENTS RECEIVE SPECIAL RECOGNITION



*Glenn Schexnayder, Dean Egbelu and Cory Parrot*

Glenn Joseph Schexnayder, civil and environmental engineering student from Donaldsonville, and Cory Neil Parrot, petroleum engineering student from Baton Rouge, were selected as the recipients of the fall 2002 Louisiana Engineering Society scholarship.

The College of Engineering Exemplary Dissertation Award was awarded to Abdelqader M. Zamamiri (CHE) and Daniel U. Campos-Delgado (ECE). Zamamiri worked with Martin Hjortso, George H. Nusloch II Endowed Professor in chemical engineering, and received recognition for his dissertation entitled "Analysis and Mathematical Modeling of Autonomously Oscillating Yeast Cultures." Campos-Delgado worked with Kemin Zhou, Oskar R. Menton Endowed Professor in electrical engineering, and was recognized for his dissertation entitled "Active Control of Thermo-acoustical Instabilities." Recipients of these awards were selected by the College of Engineering Graduate Coordinators Council.

## 2002 COLLEGE OF ENGINEERING ADVISORY COUNCIL

The college is grateful to the following distinguished members of the Dean's Advisory Council. Most have been members for several years, attending annual meetings at their own expense to provide valuable advice and guidance.

- |   |  |  |
|---|--|--|
| <b>ALDEN ANDRE</b><br><i>Vice President/New Business Development</i><br><i>Formosa Plastics Corp., USA</i>                | <b>JACOB GIARDINA</b><br><i>President &amp; CEO</i><br><i>Cameco Industries, Inc. (Retired)</i>          | <b>C.L. MCMORRIS</b><br><i>Manager</i><br><i>ExxonMobil Chemical Company</i>                 |
| <b>ARA ARMAN</b><br><i>Senior Vice President</i><br><i>Gulf Engineers and Consultants, Inc.</i>                           | <b>HENRY GRAHAM, JR.</b><br><i>Louisiana Chemical Association</i>  | <b>KENNETH ODINET</b><br><i>State of Louisiana</i><br><i>House of Representatives</i>        |
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| <b>ANNE FORTE-TRAPPEY</b><br><i>President and CEO</i><br><i>Forte &amp; Tablada</i>                                       | <b>HENRY J. LANDRY</b><br><i>President &amp; General Manager</i><br><i>Sunshine Equipment Company</i>    |  |
|   | <b>DON MCCOLLISTER</b><br><i>CEO</i><br><i>Turner Industries, Ltd.</i>                                   |  |

# MINORITY ENGINEERING PROGRAM

## FROM THE COORDINATOR



*Cheryl Peters*

**T**HIS HAS BEEN an exciting year for the Minority Engineering Program (MEP). We are experiencing more student involvement and growth each year. The Minority Engineering Program accepted the ominous responsibili-

ty of implementing our existing MEP programs for use by all science, math and technology majors through the Louisiana Alliance for Minority Participation (LAMP) Program. We have added an additional full-time staff member, Sheila Gallo, a graduate of Southeastern Louisiana University to serve as grants coordinator. We also hired a Recruitment of High Ability Minority Students (REHAMS)/precollege coordinator, Kandiest Brock, who will assist us with REHAMS and the other precollege programs. Each month during 2001 and 2002, we held workshops and seminars to help the students become successful in all aspect of their lives. Workshop topics included Graduate School Preparation, Powerful Presentation, Résumé Writing and Inter-

viewing, and Stress Management for Midterms and Finals, just to name a few. We also added discipline specific tutoring and peer study groups for engineering sophomore level classes. Several new supplemental instruction courses were also added to assist all student's outside classroom time. The National Society of Black Engineers Jr. (NSBE Jr.), the precollege program, experienced an increase in membership this past year to 30 students from across the Baton Rouge metro area. Precollege conference attendance increased from zero in 2000 to seven in 2001 to 17 in 2002. As we look to the future, we are preparing today's students for tomorrow's challenges in a technical world.

*Cheryl Peters  
Coordinator*

## RECRUITMENT EFFORTS

The Minority Engineering Program Envoys is a student organization that was formed two years ago as a mechanism to involve undergraduate students in the recruitment process. Stephanie Weaver served as the president for 2001-2002 year. In addition to activities sponsored by the Office of Admissions, the MEP Envoys added several new and inventive recruitment activities. During the fall, for the second consecutive year, the Envoys traveled to New Orleans to meet area high school seniors to discuss advantages offered by the LSU College of Engineering. Envoys prepared presentations and discussed all aspects of college life from admissions to meal plans, from instructors to Greek involvement. The Envoys also visited several Baton Rouge area schools to recruit members for the precollege programs and fall admissions. The schools visited included University High, McKinley High, Capital High, Scotlandville High and Park Forest Middle.

We also added two new activities for the 2001-2002 academic year. Shadow Day was held on February 22. Students from East Baton Rouge Parish high schools were able to see what it is like to be a college student. They attended classes with the Envoys, ate lunch and attended a seminar about admissions. The students were also invited to attend the Engineering Olympics. This was a day for all engineering students to apply their engineering skills to physical tasks.

## RECRUITMENT OF HIGH ABILITY MINORITY STUDENTS

In its 23 year, Recruitment of High Ability Minority Students (REHAMS) continues to make an impact on high school juniors from around the country. This program is designed to offer academically talented minority students an opportunity to examine firsthand the activities and thought patterns characteristic of engineering. Instead of being introduced to engineering primarily through subject matter coverage, students are involved in creative and innovative problem solving. In addition, they are not only made aware of the various fields of engineering, but are challenged and stimulated to further develop interests, creativity, and talents in problem solving using engineering design methods. The students take chemistry, physics, calculus and computer science classes. They also design and publish their own web pages and

design a REHAMS web page for the MEP website. The plan is to expand the REHAMS program by adding the following additional phases:

### REHAMS PHASE II SUMMER BRIDGE PROGRAM

This program supports five MEP students with Bridge Scholarships, including six hours of tuition, room and board, and \$1,250 work study.

### REHAMS PHASE III SIXTH-TENTH GRADER PROGRAM

This nonresidential program is for students in grades six-ten for one week. The goal is to provide the program to 20 tenth graders in 2003, 20 ninth graders in 2004, and 20 sixth-eighth graders in 2005.

## LOUIS STOKES LAMP MAKES MEP DEPARTMENT ITS NEW HOME

The Louis Stokes Louisiana Alliance for Minority Participation (LAMP) is designed to increase the number of underrepresented students who graduate with bachelor's degrees in the sciences, technology, engineering, and mathematics (STEM) curriculums. There are 11 participating LS-LAMP institutions and one research site. They are Dillard University, Grambling State University, Louisiana State University, McNeese State University, Nunez Community College, Southern University and A&M College, Southern University at New Orleans, Southern University at Shreveport, Tulane University, University of New Orleans, University of Louisiana-Lafayette and Louisiana Universities Marine Consortium. LS-LAMP's undergraduate enhancement activities include financial support, rigorous mentoring, research participation and guidance to graduate school. LSU has almost 800 students majoring in the STEM curriculums. For the LSU campus, **Su-Seng Pang** is the principal investigator and **Cheryle Peters** and **Frank Cartledge** serve as the coprincipal investigators. They have taken many of the programs that MEP already had in place and expanded them to include all STEM students. Workshops and seminars geared toward STEM majors are held monthly. Field trips, travel grants for conferences, faculty and peer mentoring, book awards, scholarships, tutoring, and fellowships are just a few of the services made possible with LSU's LAMP funding.

## MEP SCHOLARS REALIZE IMPORTANCE OF RESEARCH

The Minority Engineering Program (MEP) is proud to be a coprincipal investigator for National Science Foundation grants and has encouraged scholarly research over the past two years. The Minority Undergraduate Research Experience (MURE) paired LSU students and Southern University students together to conduct research between the two campuses. Louisiana Alliance for Minority Participation (LAMP) allowed twelve students to perform research on a full-time basis during summer 2001. The Undergraduate Research Experience In Composite Materials for Petrochemical and Offshore Application grant pairs eight students from LSU with eight students from Southern. The students involved in these programs were **Samuel Boggan**, **Hang-Ping Chen**, **Adam Cygan**, **Pranav Diwan**, **Damion Douglass**, **Emil Geiger**, **Scott Hedlund**, **Chris Hendrix**, **Jacob Joseph**, **Shannon McKinney**, **Neema Pourohamadian**, **Chris Robertson**, **Tina Shelvin**, **Danyelle Small**, **Richard Wynn**, **Charles Becnel**, **Jared Gladney**, **Shane Harris**, **Justin McDonald**, **Mindy Montegut**, **Spencer Pace**, **Allen Thomas**, **Dave Washington**, **Randall Whittington**, **Carlos Stewart**, **Alejandro Vega**, **Martin Warrioba**, **Alicia Williams**, **Latoya Barber**, **Dishili Davis**, **Karwin McCain**, **Christy Ott**, **Katrin Smith** and **Ebony Spikes**. During the past two years, 11 papers were presented at conferences or submitted for journal publication.

## MEP HOLDS ELEMENTARY AND INTERMEDIATE ENGINEERING DAYS

The Minority Engineering Program hosted over 175 students for Elementary and Intermediate Engineering days. Students from the Baton Rouge area were invited to participate as they learned about engineering through experiments, speakers, and projects. Students received prizes for design competitions for towers and gliders, and learned about the importance of mathematics and science and how it relates to everyday life.

## NATIONAL SOCIETY OF BLACK ENGINEERS UPDATE

FALL 2002

VOLUME 30, NUMBER 1

MINORITY ENGINEERING  
PROGRAM

LSU's National Society of Black Engineers (NSBE) ended the academic year by successfully carrying out the theme, "Establishing a Foundation for the 2001-2002 Year."

In September of 2001, NSBE began its year of programming with NSBE Week. The largest event of the week for the organization was the community service project entitled "Wish Tokens." Held in front of the LSU Student Union, NSBE, along with the Friends for Life HIV/AIDS Resource Center, collected donations totaling \$130. The organization also committed to making 600 Red Ribbons for AIDS Awareness Week.

NSBE Week led to the organization's first general body meeting of the semester with over 91 students in attendance. Keith Seilhan and representatives of British Petroleum were also in attendance and donated \$1,500 to the organization. NSBE utilized this donation to subsidize membership fees for freshmen and sophomore students for the academic year.

The following week, NSBE held its annual Career Fair Reception with 13 companies in attendance. Approximately 90 percent of the chapter's members were in attendance.

In October, the chapter sent 61 members to its Fall Regional Conference. The LSU chapter won first place in every competition and event and also had the most attendees at the conference.

In February, the regional NSBE executive board announced that LSU will be host to the 2002 Regional Conference. The chapter won the bid over Texas Tech and the University of Missouri Rolla. Cordell Scott, chapter chair, and Marlon Holbert, former membership chair, proposed the bid.

At the National NSBE Convention, the organization sent nearly 60 members including 15 NSBE Jr. members (precollege) to Orlando, Florida. The organization was recognized as the Louisiana Chapter of the year.

In May, NSBE and Society of Hispanic Professional Engineers a (SHPE) closed the year with the annual joint barbeque sponsored by BASF Corporation. Three of the LSU chapter members were also elected to the NSBE Regional Executive Board. Those students were Ladesha Moore, Region V Programs Chair, Cordell Scott, Region V Fall Regional Conference Planner, and Frederick Gholston, Region V Precollege Initiative Chairperson.

NSBE hopes to defend its technical titles at the Regional Conference to be held in October at LSU and also bring recognition to the College of Engineering.

Through NSBE's recent activities and achievements, a foundation in programming and leadership has been established, and a standard in achievement has been set.

*CORDELL SCOTT*

*NSBE LSU Chapter Chair, 2001-02  
NSBE Region V Fall Regional Planner  
2002-03*

### NSBE 2001- 2002 Stats

- Louisiana Chapter of the Year
- Ranked ninth in NSBE Top Ten Chapters
- LSU NSBE Jr. ranked second in Top Ten
- 27 percent of members received Internships/Co-op
- 32 percent membership increase (103 members)
- 43 members, average attendance at meetings
- 3 Regional Officers elected for 2002-2003 term

### SAUNDRA MCGUIRE NAMED FOREST DENT SMITH MAKING A DIFFERENCE AWARD RECIPIENT

Forest Dent Smith served as the Minority Engineering Program Director for 12 years. She always went the extra mile to ensure the success of the students in the Minority Engineering Program. Since joining LSU in 1999, Sandra McGuire has made a definite impact on the students of the Minority Engineering Program and thus has been named the Forest Dent Smith Making the Difference Award recipient. She not only conducts workshops and seminars for the students, but she also devotes her time as a mentor to several students. McGuire takes time out of her busy schedule to set up and perform chemistry reviews for midterms and finals. MEP would like to say congratulations and thank you for all she does to ensure success of the students in the College of Engineering.

### REHAMS STUDENT NOBCCHE RECEIVES SCHOLARSHIP

The 1999 REHAMS Scholar, LaChaunda Gray received the Crystal Harrell Scholarship. The National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE) at LSU presented the award. The organization was established in 1975 to develop and carry out programs to assist minority groups in realizing their full potential in science and engineering fields. She was recognized at the NOBCCChE banquet this spring, where she read her award-winning essay titled "Innovation and Diversity."

# 2001 & 2002 MEP GRADUATES

## 2000-2001 HONOR GRADUATE

Summa Cum Laude  
Ana Maria d'Empaire

## 2000-2001 CURRICULUM GRADUATES

Luis Felipe Aguilar	CHE
Carlos Anibal Aguilar, Jr.	ECE
Sergio Luis Aviles	CEE
Dwhyte Omar Barrett	ME
Elliot Carlos Berrios	CM
Natasha Shena Bland	PETE
Rodolfo Antonio Bournigal	IE
Byron David Braud	EVEG
Ambimbola Olumide Bukoye	ECE
Fernando Antonio Chinchila	ECE
Lakiesha Nicole Claude	BE
Manuel Ernesto Crespo	CHE
Nikisha Danielle Crump	CEE
Dedrick Geral Davison	IE
Ana Maria d'Empaire	IE
David Duane East	ME
Hassib Jussef Galib	CEE
Fernando Sebastian Granda, Jr.	CEE
Wendell Craig Harrison	CM
Letoria Gwendolyn House	ME
Rashonda Shani James	ECE
Matthew Charles Kern	ME
Brian Thomas Linxwiler	ECE
Elvin Bernard Lotten II	CM
Jose Mauricio Marulanda	ECE
Jarred Wayne Metoyer	ME
David Wade Milanés	ME
Michael Wilbert Mitchell	ME
Florence Ifeyinwa Orji	CHE

Cecilia Marisol Campos Padilla	ECE
Jude Wilmot Paul Patin	CM
Aleta Marie Prince Points	CM
Armando Ernesto Portillo	IE
Windell Kentrelle Powell	ME
Gabriel Cristobal Prats	CEE
Carlos Arturo Quant	CHE
Eugenio Edgardo Rayneri	ME
Miguel Angel Regato	ME
Rafael Martin Santana	PETE
Nicole Judith Simien	IE
Cheryl Louise Spiller	IE
Scott Steven Stringer	CHE
Wardell Arnez Sykes	CM
Stephen Eugene Williams	IE
Dawit Ghebreyesses Yemane	ECE

## 2001-2002 HONOR GRADUATE

Summa Cum Laude  
Karelys Delise Bastidas

## 2001-2002 CURRICULUM GRADUATES

Julio Cesar Arana	CEE
Alvaro Miguel Asturias	CEE
Andrew Bartholomew Bell	ECE
Clayton Lamar Birkett	BE
William Pierre Boesch	ECE
Jerald Wayne Bouie, Jr.	ECE
Derrick Charles Brown	CM
Marilyn Elisabeth Caldero	CHE
Candace Sharaine Coutee	CHE
Scott Jeffery Crowell	CHE
Michael Mark Cummings	ME
Salvador Cupe-Becha	ME
Dishili Shawon Davis	CM

Fareed Barakat Dawan	ECE
Mario Alberto Dominguez	IE
Marcus Jerome Dunn	ECE
Kwasi M. Duose	CEE
Monique Marie Dyers	ECE
Gregory Marvin Garrick	ME
Jarvis Parnell Green	CM
Daniel Lance Haslauer	ECE
Matthew Mason Holder	BE
Thad Alexander Hollimon	CM
Karla Renee Horton	ECE
Silvestre Cassa Iombo	PETE
Steven R. Joubert	CM
Mark Gerard Lemelle	ME
Daniel Musa Lushiku	ECE
Angel D. Marrero	IE
Derrick Dewayne Maxey	ECE
Tolulope Folaranmi Mesubi	ECE
Martin Scott Miles	EVEG
Coty Shirelle Mitchell	CHE
Georges Nge	PETE
Larnell L. Nolan	ECE
Ketrick L. Owens-Taylor	ECE
Alva A. Parker	ECE
Orest Pena Jr.	ECE
Jose Antonio Omar Ponciano	CM
Dean Anthony Provost	ECE
Niconer Reece	BE
W. Dupree Simmons, Jr.	IE
Angel S. Singleton	CHE
Reynauldo Sanchez Smith	CM
Darryl Joseph Talbert, Jr.	ME
Rashoud Watkins	ECE
Curtis Ashley Williams	ECE
Allen Zamorano	IE

# BIOLOGICAL AND AGRICULTURAL ENGINEERING DEPARTMENT

## FROM THE DEPARTMENT HEAD



*Richard L. Bengtson*

**T**HE NEW YEAR started with the Department of Biological and Agricultural Engineering (BAE) Annual Program Review on January 4. In the spring of 2002, this department

enrolled 135 biological engineering undergraduate students and 20 graduate students. The undergraduates are 57 percent men and 43 percent women and the graduates are 60 percent men and 40 percent women. Of the undergraduate students, 95 were in the College of Engineering and 40 were freshmen. Fifteen scholarships were awarded at the Scholarship and Awards Banquet on March 14. Roberto Jimenez, a 1997 graduate of our program, was the guest speaker. For the spring semester, there were 13 students on the Chancellor's Honor Roll and 28 on the Dean's List. On May 24, 18 students graduated with the B.S. BE and one student graduated with the M.S. BAE. Of the B.S. BE graduates, two students graduated

summa cum laude, one student graduated magna cum laude and two students graduated cum laude. Bilal Ghosn received the University Medal and the Edward McLaughlin Dean's Medal for graduating with an overall grade-point average of 4.00. Bilal Ghosn and Sarah Jones have been accepted to biomedical engineering graduate school at Georgia Tech University. Georgia Tech Biomedical Engineering only accepts 10 new students each year. Twenty percent of the new class is from this department. A departmental reception honoring all of the graduates was held following commencement with families and guests in attendance. The student organization continues to be active, and they hosted a crawfish boil in April 2002.

*Richard L. Bengtson  
Interim Department Head*

## FORMER DEPARTMENT HEAD PASSES AWAY



*John Nye*

**John Nye** former department head of the Department of Biological and Agricultural Engineering, died on April 30, 2002, from a cerebral hemorrhage. Nye served as department head from 1984-91. During his time at LSU, he exemplified remarkable achievements through his leadership in administration, teaching, and research. His extramural funds helped in the development of the departmental computer lab. He received numerous civic and engineering awards. In 1991, Nye left LSU to accept the position of dean, College of Agricultural Sciences and director of the Agricultural Experiment Station at the University of Delaware. In 2001, he became director of the Cooperative Extension Service. Prior to his death, Nye had recently accepted a position as vice president of academic affairs at the Arkansas State University in Jonesboro. He received his bachelor's degree in agricultural engineering from Kansas State in 1968 and his master's and Ph.D. from Purdue in 1970 and 1971, respectively. He is survived by his wife, Gloria, three children, and two grandchildren. Memorial scholarship donations can be made through the American Society of Agricultural Engineers Foundation, 2950 Niles Road, St. Joseph, Michigan 49085.

## STUDENT NEWS

### GRADUATION HIGHLIGHTS

Eighteen undergraduate students participated in the commencement exercises May 24. They received a Bachelor of Science in Biological Engineering. Congratulations to Amanda Ames, Clayton Birkett, Lance Black, Matthew Campbell, Bradley Crain, Greg Determann, Bilal Ghosn, Jack Heaton, Benjamin Hodnett, Seth House, Mindi Huguet, Sarah Jones, Andrea Leonards, Sean Nolan, Skie Sagrera-Guidry, Jeremy Theriot, Neil Tilyou and Michelle Windom. Faculty members Richard Bengtson and Caye Drapcho participated in the graduation ceremonies. Bilal Ghosn received the Edward McLaughlin Dean's Medal for Excellence Award; Benjamin Hodnett graduated summa cum laude; Sarah Jones



(L to R) 1st row: Shufang Liu, Skie Sagrera-Guidry, Seth House, Mindi Huguet, Bradley Crain; 2nd row: Jeremy Theriot, Sean Nolan, Benjamin Hodnett, Michelle Windom, Jack Heaton, Sarah Jones; 3rd row: Amanda Ames, Matthew Campbell, Clayton Birkett, Greg Determann Andrea Leonards Not pictured: Lance Black, Bilal Ghosn, and Neil Tilyou.

graduated magna cum laude; and Lance Black and Greg Determann graduated cum laude. A reception

honoring the graduates was held immediately following graduation at the department.

### SCHOLARSHIPS AWARDED AT BANQUET



The Biological and Agricultural Engineering Scholarship Awards Program was held on March 14 at the Burden Research Conference Center. Roberto Jimenez, a 1997 graduate, was the guest speaker. The following scholarships were awarded to high achieving students majoring in biological engineering:

Angela Gulino, a senior from Greenwell Springs; Thuy Kim Nguyen, a junior from Ocean Springs, Mississippi; and Blaine Walton, a senior from Morse, were awarded the Mansel M. Mayeux Honorary Scholarship. Mansel Mayeux presented these awards.

Julianne Forman, a senior from Baton Rouge; Joshua Maier, a junior from Covington; Marisa Sylvester, a senior from Baton

Rouge; and Rebecca Tanory, a junior from Lafayette, were awarded the Wiley D. Poole Memorial Scholarship. The awards were presented by Malcolm Wright.

Leslie Clark, a sophomore from Mobile, Alabama, and Monique Handy, a sophomore from Gretna, were awarded the Harold T. Barr Memorial Scholarship. Joe Smilie presented these awards.

Brad Kairdolf, a senior from Baton Rouge, and Jordan Whatley, a senior from Iowa, were awarded the Carl H. Thomas Memorial Scholarship. The awards were presented by Chris Thomas.

Lee Miller, a sophomore from Lake Charles; Wesley Plaisance, a sophomore from Marrero; and Ayme Veron, a junior

(L to R) 1st row: Thuy Kim Nguyen, Angela Gulino, and Rebecca Tanory; 2nd row: Dean Pius Egbelu, Lakiesha Claude, Marisa Sylvester, Leslie Clark, Monique Handy, Julianne Forman, Ayme Veron, and Dr. Richard Bengtson; 3rd row: Blaine Walton, Brad Kairdolf, Jordan Whatley, Lee Miller, Joshua Maier, and Wesley Plaisance.

from Baton Rouge, were awarded the Scott-Windham Scholarship. Bobbie LaCour presented these awards.

Lakiesha Claude, a graduate student from New Orleans, was awarded the Charles E. Severance Endowed Fellowship. Charles Severance was present to award the fellowship.

During the scholarship awards banquet, the Biological Engineering Student Organization presented several club awards. Jack Heaton, club president, presented the awards. The President's Award was presented to Jordan Whatley, a senior from Iowa. The Outstanding Member Award was presented to Andrea Leonards, a senior from Livonia. The Outstanding Professor Award was presented to Caye Drapcho, associate professor. President-elect Brad Kairdolf gave his comments on the club's future plans.

## DEPARTMENT NEWS

Bill Branch was recognized as the first recipient of the Roy A. and Karen Picken Professorship in Extension Water Resources.

Marybeth Lima, assistant professor, was awarded the Faculty Service-Learning Fellowship Award. She received a \$5,000 cash reward from the LSU Office of Academic Affairs, the Service-Learning Faculty Advisory Council and the School of Social Work Office of Social Service Research and Development. She was named the recipient of the 2001-2002 National Association of Colleges Teaching Agriculture (NACTA) Excellence in Teaching

Award in the LSU College of Agriculture, and she is the 2002 winner of the Award for Excellence in Teaching Materials and Methods in Biological and Agricultural Engineering presented at the 2002 American Society of Engineering Education (ASEE) Annual Conference in Montreal. These awards recognize the innovative teaching methods developed by Lima at LSU, her contributions to the academic goals of the University, and her community outreach work linking engineering education and the public schools.

Terry Walker was selected to receive the 2001-2002 Tiger Athletic Foundation Award for Outstanding Teaching in the College of Agriculture.

## ALUMNI NEWS

1963

John Ivan Seaberg, owner of Eastex Farm & Home, resides in China, Texas.

1969

James H. Richardson retired January 3, 2002, from the U.S. Army Corps of Engineers after 36 years of service. He resides in Holden.

BAE HOLDS ANNUAL  
INTERNATIONAL MEETING

The department was host of the international meeting of the Institute of Biological Engineering from January 18-21, 2002. Steven Hall, assistant professor, was cochair and local arrangements chair. Mary Beth Lima, assistant professor, led the emerging issues session, and Terry Walker, assistant professor, led the student poster session. National and world leaders from Europe, Africa, Asia and the Pacific joined LSU engineering faculty as contributing speakers to this event. Dean Pius J. Egbelu and interim department head Richard Bengtson addressed the meeting participants, expressing their support for this emerging field.

# GORDON A. AND MARY CAIN DEPARTMENT OF CHEMICAL ENGINEERING

## FROM THE CHAIR



*F. Carl Knopf*

**T**HE NEW chemical engineering facility remains a high priority for the department. Planning money from the state of Louisiana is already being put to use on the project, and the appointed architectural firm is drawing up the plans. We are considering two building options: either an annex to our existing facility or a new facility near CEBA. The benefit of the former is that it would provide maximum space. The

latter, however, has been the primary focus because of its consistency with the campus master plan of a focused engineering complex.

In other news, we are happy to announce that three new faculty members joined us in the fall of 2002. Ben McCoy comes to us from the University of California, Davis, and will fill the first Gordon A. and Mary Cain Endowed Chair. McCoy's background is applied mathematics. Associate professor Judy Wornat, who will hold the Robert Hughes Harvey Professorship, comes to us from Princeton University with a specialty in analysis of combustion products. Jerry Spivey, our new associate professor who will hold the James McLaurin Shivers Professorship, comes to us from North Carolina State University, where he focused on applied catalysis. In addition to new faculty, Dan Mowrey, a retiree of ExxonMobil, has also joined us in the Undergraduate Lab as our new Undergraduate Lab manager and teaching associate. Mowrey's knowledge of process-control systems has proved greatly useful to our undergraduate students.

The Alumni Advisory Committee held its second meeting in August to continue to help the department define educational objectives and assessment tools to evaluate those objectives. We held a reunion for all our alumni and their families on October 12. The reunion took place between Tiger Stadium and the Chemical Engineering Building on South Stadium Drive. We had jambalaya and refreshments. Alumni were given the chance to visit with other chemical engineering graduates and faculty, while seeing the many important additions to our facilities.

We believe that all our efforts toward improvements and modernizations will ensure that our program, on both undergraduate and graduate levels, meets the needs of local industry and produces graduates of the highest caliber. As always, if you have any questions or comments regarding our program and the direction in which we are headed, please do not hesitate to stop by the department. The faculty and I would be most interested in speaking with you.

*F. Carl Knopf  
Chair, Robert D. and  
Adele Anding Professor*

## WELCOME TO LSU



**Benjamin J. McCoy**, Gordon A. and Mary Cain Endowed Chair, joined the chemical engineering faculty in August 2002. McCoy

received his Ph.D. from the University of Minnesota in 1967. His areas of spe-

cialization include polymer reaction kinetics, phase transition dynamics and environmental transport phenomena.

**Jerry Spivey**, James McLaurin Shivers Professor and associate professor, has joined the faculty. His focus is on applied catalysis.

**Judy Wornat**, Robert Hughes Harvey Professor and associate professor, has joined the LSU faculty. Her specialty is analysis of combustion products.

## DEPARTMENT NEWS

Armando Corripio's book *Principles and Practice of Automatic Process Control* is in its second edition and has sold 12,000 copies. The publisher has asked Professor Corripio and his coauthor Carlos Smith to produce a third edition of the book.

Doug Harrison, Alexis and Marguerite Voorhies Endowed Professor of Chemical Engineering presented a seminar entitled "Hydrogen Production Using Sorption-Enhanced Reaction" at Illinois Institute of Technology in Chicago on April 10. He also received the 2002 Dow Outstanding Teaching Award.

Martin Hjortso, George H. Nussloch II Endowed Professor in Chemical Engineering, is on sabbatical for the fall 2002 and spring 2003 semesters. He will be serving as Otto Mønsted visiting professor at the Center for

Process Biotechnology at Denmark Technical University teaching a high level class on microbial kinetics and assisting graduate students on various projects.

Carl Knopf, Robert D. and Adele Anding Professor in Chemical Engineering, department chair and associate director of the Minerals Processing Research Institute, and Kerry Dooley, BASF Endowed Professor, invented "Pressure-Assisted Molding and Carbonation of Cementitious Materials." The patent was issued to LSU in 2001.

Elizabeth Podlaha, Clarence M. Eidt Jr. Endowed Professor in Chemical Engineering, has been promoted with tenure from assistant professor to associate professor.

Danny Reible, Chevron Endowed Professor of Engineering and director of the Hazardous Substance Research

Center/South and Southwest, received the 2002 Charles E. Coates Award from the American Chemical Society and American Institute of Chemical Engineers. He has also received funding in the amount of \$2.25 million for "Fielding Demonstration of Active Caps." The project's goal is to demonstrate innovative technologies for managing contaminated sediments.

Danny Reible and K.T. Valsaraj, Ike East Professor in Chemical Engineering, were major contributors to the Louisiana Department of Natural Resources' rewrite of the 29B rules of disposal to oilfield waste, which was recently released following two years of scientific and technical advice.

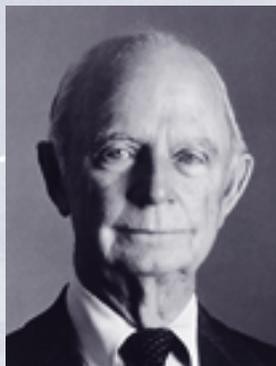
K.T. Valsaraj chaired a session on "Prediction and Correlation of Transport Properties" at the American Institute of Chemical Engineers 2002 spring meeting in New Orleans.

## LSU ALUMNUS AND DONOR GORDON A. CAIN DIES AT 90

LSU alumnus and Houston businessman Gordon A. Cain died October 22 at age 90. Cain donated more than \$20 million throughout his lifetime to various programs at LSU, including the Colleges of Engineering, Education, Agriculture, and Basic Sciences, as well as the LSU Agricultural Center and the LSU Alumni Association.

"Gordon Cain was a truly magnificent benefactor for Louisiana State University and has shown deep care about the well-being of the citizens of this state," LSU System President William L. Jenkins said. "Gordon had a very clear understanding of the value of a research institution in its totality—teaching, research and service—and was always so anxious to assist in advancing quality education in Louisiana. Our friend will be greatly missed."

A native of Rayville, Louisiana, Cain graduated from LSU in 1933 with a bachelor of science degree in chemical engineering and was awarded an honorary doctor of science degree in 1993. Cain, a Cadet of the Ole War Skule, served in World War II,



earning the Purple Heart in the Philippines. He was married to Mary Hancock and together they had two children and three grandchildren.

Cecil Phillips, president of the LSU Foundation said, "Mr. Cain was not only the most generous benefactor in the history of the main campus of LSU, he was a model alumnus in many other ways as well. His military service, his business successes, his generosity to his employees, and his reputation for integrity brought credit to his alma mater. He richly deserved LSU's high-

est honor, the honorary doctorate."

In 1998, in recognition of Gordon and Mary Cain's \$10 million gift to the College of Engineering, the department of chemical engineering was named the Gordon A. and Mary Cain Department of Chemical Engineering. This gift was one of the largest private contributions ever made to LSU.

"News of Gordon Cain's death brings sadness to everyone at LSU," said LSU Chancellor Mark A. Emmert. "Mr. Cain was a wonderful individual and he and his wife, Mary, have been enormously faithful and generous to Louisiana State University. He remains an example to all of us for the successes he achieved in business and industry and for the untiring efforts he committed to being a civic leader and philanthropist. Mr. Cain will continue to affect our University and our students through what he has made possible here. We remain grateful to have known him and to have benefitted from his goodwill."

See page 37 for more information on Cain's recent \$7.5 million gift to LSU.

# ALUMNI NEWS

1943

Robert J. Bujol is retired and continues to serve the community through volunteer work. He resides in Baton Rouge.

1948

Robert L. Jeansonne is retired from LaRoche Chemicals and resides in Baton Rouge.

1949

Robert Anthony Bogan, Jr., is retired from Louisiana Companies and resides in Baton Rouge.

1949

Ernest Dare Campbell is retired from Dow Chemical. He is a resident of Baton Rouge.

1955

Joseph F. Frantz is a chemical engineering consultant and expert witness. He resides in Richmond, Texas.

1959

Harold A. Harvey owns and operates Harvey Enterprises. He currently resides in Richardson, Texas.

1961



Robert E. Eakin

Robert E. Eakin retired from PPG Industries August 1, 2001, after more than 39 years with the company. He was serving as works manager of PPG's chemical manufacturing complex in Lake Charles, where he and his wife Carolyn reside.

1964

Robert Lawrence Gill is an engineer for the state of South Carolina. He currently resides in Columbia, South Carolina.

1979

James D. Sparkman has been named division manager of Marathon Ashland Petroleum LLC's Catlettsburg Refining LLC in Catlettsburg, Kentucky.

1982

Consuelo Escalante Madere serves as director of technology development at Monsanto. She resides in Valley Park, Missouri.

1985

Keith B. Hall is currently a practicing attorney at the firm of Stone, Pigman, and Walther. He resides in Gretna.

1997

Teresa C. Atkins is employed as a production engineer at Dow Chemical. She currently resides in Victoria, Texas.

1998

Benjamin M. Day has been appointed regional engineer for Dynege Corporation. He is based in Venice.

2001

John A. Dizinno is employed by Conestoga-Rovers and Associates. He resides in Kenner.

2002

Benjamin P. Dugas is a process engineer with Veco-Bertrand in Baton Rouge.

Cherie Elizabeth LeJeune is a process engineer with Motiva Enterprises in Baton Rouge.

# IN MEMORIAM

1939



Lloyd A. Cagnolatti died August 12, 2001. He resided in Gonzales.

1949



Lester C. Gerard, Jr., passed away on January 25, 2002. He received both his bachelor's and master's degrees from LSU. He served in the Army and worked in the Coast Guard Auxiliary in North Carolina and Delaware. Gerard was a member of the American Institute of Chemical Engineers. After 31 years, he retired as senior chemical engineer with DuPont and is survived by his wife Miriam Gerard.

# CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT

## FROM THE CHAIR



George Z. Voyiadjis

**I**T IS IMPORTANT for the department to recognize the need to maintain current, innovative and rigorous educational programs at both the undergraduate (civil and environmental) and graduate (civil) level and ensure accreditation of the respective undergraduate degrees.

The faculty needs to be creative and innovative in their research work. This helps them in conducting cutting edge research in their respective areas of specialization. They should strive to do work that brings statewide, national, and international recognition. They also contribute to the development of end

products that enhances the economy of the state and the nation.

The faculty often participates in service activities to engineering societies, the state, and nation and attain recognition for their endeavors.

The success achieved by continuing to implement superior teaching, research, and service will lead the department to a higher ranking among the top departments at the University and in the nation.

This is a dynamic time within our department in terms of academic programs. The assessment process that we have instituted for our programs encompasses not only internal type assessment but also professional community assessment through our professional advisory committee, alumni, and employers of our graduates. In the past few years, we have instituted a number of minors in structures, surveying, and environmental engineering to strengthen our graduates both in depth and in breadth. We are also encouraging our students to consider minors outside of engineering such as construction management and business administration. One of the challenges facing us now is how to respond to the policy of the American Society of Civil Engineers to adopt the M.S. degree as a first professional degree. We are working closely with our

professional advisory committees to respond to this challenge. One possible response is to develop a *Five Year B.S./M.S. Program*. The purpose of this program would be to enable the undergraduate students to continue their studies in a *Professional M.S. Engineering Degree*. We will investigate such a possibility along with other suggestions.

We are also investigating an *Honors Program* for our undergraduate programs. In addition to completing the requirements of a bachelor degree, students will have to complete the honors program in civil engineering or environmental engineering.

In an effort to expose our undergraduate students to the latest developments in Civil and Environmental Engineering, we have developed a *Research Experience for Undergraduates* program. The National Science Foundation initiated this effort in the last decade. This summer program exposes the student to an interdisciplinary, collaborative approach to research. The student interacts with faculty and graduate students on research topics of interest to faculty, and at the end of semester, the student makes a formal presentation of the effort.

George Z. Voyiadjis  
Interim Chair, Boyd Professor and  
Bingham Cushman Stewart  
Distinguished Professor

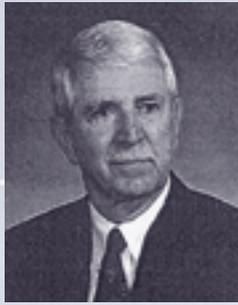
## CEE DEPARTMENT CHAIR NAMED

George Voyiadjis, Boyd Professor and Bingham Cushman Stewart Distinguished Professor, has been selected among a number of candidates to serve as the chair of the Department of Civil and Environmental Engineering (CEE). Voyiadjis is the only faculty member in the college to be named Boyd Professor, the highest honor that LSU awards its faculty. He has served as graduate program coordinator, acting associate dean of graduate school, and interim department chair for CEE. His administration experience highly qualifies him for this new position.

## CEE HALL OF DISTINCTION INDUCTEES



*Ara Arman*



*Elvin Dantin*



*Lane Grigsby*



*Chester Seiss*



*Bingham C. Stewart*

Five charter members were inducted into the Civil and Environmental Engineering Hall of Distinction in December of 2001. The honorees were selected for their professional achievement, service to the department, and their significant impacts in their field and their department. The five inductees are Ara Arman, Elvin Dantin, L. Lane Grigsby, Chester P. Seiss, and Bingham C. Stewart.

## FACULTY DEVELOPS STATEWIDE GLOBAL POSITIONING SYSTEM

Executive Director Roy Dokka and Chief of Geodesy Clifford Mugnier, both with the Center for Geoinformatics, are installing a network of global positioning systems throughout Louisiana that will determine the position and elevation of any location in the state accurate to within one inch.

Their discovery that the land surface of Louisiana's coastline has sunk four inches over the past 16 years has made the system of benchmarks, previously set by surveyors and used as reference points, inaccurate. Because all levees, roads, and evacuation routes are based upon these reference points, it is imperative that these results are dependable. Homeowners and companies also rely on these points when deciding where to build.

The National Oceanographic and Atmospheric Administration and the New Orleans District of the Army Corps of Engineers have begun establishing seven of the 25 planned stations in the state. The network uses the 27 U.S. Department of Defense radio beacons orbiting Earth at about 12,600 miles. The exact position of each station will be monitored 24 hours a day, sent to a computer at LSU and then posted on the Internet, where it can be accessed by anyone.

The Louisiana Spatial Reference Center (LSRC) will be the most sophisticated and comprehensive system worldwide. This system will provide information for farmers, who can determine the amount of fertilizer needed so excess is not washed away into the Gulf of Mexico, and it will aid in tracking where and how quickly the coastline is sinking into the Gulf. Currently, 35 square miles of land become submerged each year.

## NEW DIRECTORS NAMED IN LWRRI

John H. Pardue, Elizabeth Howell Stewart Endowed Professor, associate chair for research, and associate professor, has been named director of the Louisiana Water Resources Research Institute (LWRRI). The Louisiana Land and Exploration Company College of Engineering Endowed Professor and associate professor, John J. Sansalone, has been appointed associate director of LWRRI. Pardue is replacing Joseph N. Suhayda, former director LWRRI, who retired in June 2002. LWRRI is a multidisciplinary center which is federally mandated to perform a statewide function of promoting research, education, and services in water resources.

The Civil & Environment Engineering Department congratulates Pardue and Sansalone for their new positions.

## SUHAYDA RETIRES



Joseph N. Suhayda, director of the Louisiana Water Resources Research Institute (LWRRI) and associate professor, has announced his retirement effective June 30, 2002. Suhayda joined LSU in the Coastal Studies Institute in 1971 as assistant professor and was promoted to associate professor in 1975. He then became a faculty member of the Department of Civil Engineering, where he has been since 1978.

Working with the LWRRI, Suhayda served as associate director from 1995-98 and was named director in 1999. He was also director of the LSU Natural Systems Engineering Laboratory from 1995-98. His areas of specialization are coastal engineering-offshore technology, wave forces, and sediment stability and transport.

Suhayda received his bachelor's degree in 1966 from California State University, Northridge, and his Ph.D. in 1972 from the University of California, San Diego.

## NEW ORLEANS HURRICANE: POTENTIAL FOR DISASTER

Researchers at the Louisiana Water Resources Research Institute (LWRRI) are working to prevent the potential for extreme devastation from becoming a reality.

Scientists and engineers agree that one Category 4 hurricane, with winds up to 155 mph, could set New Orleans under 20 feet of water, with death tolls up to tens of thousands and many more left without shelter.

Draining the city after such a disastrous storm would be impossible for weeks with water trapped inside the city's walls. It would take at least nine weeks to pump out water from inside the city, said Ivor van Heerden, deputy director of the LSU Hurricane Center and associate professor. Pumping stations, which sometimes fail during large storms, would not operate under such conditions.

"There's no way to minimize the amount of devastation that could take place under such circumstances," said Walter S. Maestri, director of emergency management of Jefferson Parish, a suburban region with 455,000 resi-

### The Worst-Case Hurricane

Sustained counterclockwise winds blowing from north to south could push water from Lake Pontchartrain over levees and into the northern sections of the city.



dents on the city's western and southern sides.

Joseph N. Suhayda, former director of LWRRI, has been studying the latest geographical and meteorological information to determine ways to save Louisiana's coastline, which provide data to determine how different storms would damage the city. Some proposals by Suhayda and other engineers include: strategically placing a two-story wall

with flood gates to preserve homes and the cultural and governmental hub, building a wall of levees surrounding the lower delta to prevent flooding, or implementing additional control gates to cause the Mississippi to pour sediment-rich water to build up coastlines.

The most promising protection may be building up the quickly-eroding coastal marshes between New Orleans and the sea. This process will take massive efforts and up to \$14 billion, according to a study completed by state agencies, universities, and businesses.

Obtaining the necessary money to complete this project is a difficult task, but \$14 billion is much less than the projected \$50 billion in damages to the city if destroyed by a powerful hurricane.

The American Red Cross is taking the situation seriously and has announced that it will no longer provide hurricane shelters in the New Orleans area, citing it as too risky for its employees, volunteers, and the general public.

## FACULTY GARNER RESEARCH AWARDS

Sheriff Ishak, assistant professor, received a \$100,000 National Science Foundation (NSF) Research Award: Information and Communication Systems for Surface Transportation. The title of his research is *Exploring New Traffic Characteristics and Performance Measures Using Feature Extraction and Texture Characterization of Spatiotemporal Traffic Contour Maps*.

Clinton S. Willson, assistant professor, received an NSF Research Award: Hydrological Sciences, totaling \$87,590. His research is titled *Collaborative Research: Measurement and Modeling of Pore-Scale Flows*. Willson submitted a collaborative proposal with Markus Hilpert, Department of Geography and Environmental Engineering, Johns Hopkins University.

Clinton S. Willson, assistant professor, and coprincipal investigators Richard Kurtz and Kyungmin Ham, have been awarded the NSF Instrumentation for Materials Research Program Award for their research titled *Acquisition of a Multi-layer Monochromator for a Synchrotron X-ray Microtomography Station and Education*. Their award totaled \$130,000.

## ALUMNI NEWS

1929

Gerald Arthur Vulliamy worked for the U.S. Corps of Engineers until the time of his retirement in 1969. Additionally, he was ordained a minister in the Episcopal church in 1954, and he enjoyed active church service until his retirement in 1993. He currently resides in Green Valley, Arizona, and enjoys videography.

1961

Joseph Sansotta is retired from Vought Aircraft Ind. and is a hospital volunteer. He is a resident of Milledgeville, Georgia.

## DEPARTMENT NEWS

Dante Fratta and William Moe, both assistant professors, were selected based on their outstanding teaching to receive the Tiger Athletic Foundation Undergraduate Teaching Awards. They will each receive a cash award of \$1,000.

Ivor van Heerden, associate professor, received a \$3.7 million grant from the Louisiana Board of Regents' Health Excellence Fund to create a center for the study of the public health impacts of hurricanes and major floods. The new center will work with Louisiana's Office of Emergency Preparedness to develop a plan to avoid or mitigate the worst effects of a disaster.

Marc Levitan, Charles P. Siess, Jr. Professor in Engineering and director of LSU Hurricane Center, has been elected to a three-year term on the Board of Directors of the Louisiana Emergency Preparedness Association, whose mission is to provide support, training, and leadership to advance public safety in Louisiana.

Kelly Rusch, Formosa Plastics Corporation Endowed Professor in Engineering and director of the Institute for Ecological Infrastructure Engineering, has been awarded a grant by the LSU Learning Communities Task Force to develop new learning communities courses and implement them during the fall 2002 and spring 2003 semesters. She will teach Introduction to Environmental Engineering, an interdisciplinary course, composed of four classes from four disciplines of four different colleges. Project teams will be created from students of all four classes, and they will collaborate to develop an enhancement plan for Campus Lake that will include technical, visual, and written components.

John J. Sansalone, the Louisiana Land and Exploration Company College of Engineering Endowed Professor, has been promoted with tenure from assistant professor to associate professor.

Vijay P. Singh, Arthur K. Barton Endowed Professor of Engineering, gave the keynote presentation on

"Entropy Theory and its Application in Environmental and Water Resources Modeling" and chaired a session on stochastic hydrology at the International Conferences on Advances in Civil Engineering, held January 2001 at the Indian Institute of Technology at Kharagpur. He presented keynote papers at the Indian Institute of Science in Bangalore, India, and chaired a session at the NATO Advanced Research Workshop on Integrated Technologies for Environmental Monitoring and Information Production held September 2001 in Turkey. In November and December, he lectured in the Distinguished Lecture Series at Nanayang Technological University in Singapore, and he taught a short course on Risk and Reliability Analysis and gave lectures on water resources. Singh has also been elected Academician, the highest honor, of the Georgia Fazisi Academy of the Republic of Georgia, Commonwealth of Independent States, for his work in the field of hydrological sciences.

## ALUMNI NEWS *(Continued)*

1978

Mark Lee Morgan is the president and owner of S.E.M.S., Inc. He enjoys golfing and snow skiing and currently resides in Baton Rouge.

1979

Jack Henry Hingle works as a design engineer on various capital projects in Orleans and Jefferson Davis parishes.

1980

Raymond Joseph Battalora (M.S. PETE 1983) is currently a Senior Fire Protection Engineer with Schirmer Engineering Corporation. He resides in Richardson, Texas.

1982

Thomas Reed is a senior database manager at TRW. He lives in Falls Church, Virginia.



*Ann Mannino Theriot and family*

1987

Ann Mannino Theriot is working part-time at Meyer Engineers, Ltd. and raising her twins, Jake and Virginia. She and her family reside in Metairie.

1988

Elba Alicia Urbina (M.S. CE 2002) is a project engineer at Chiang, Patel & Yerby, Inc. in Dallas, Texas.

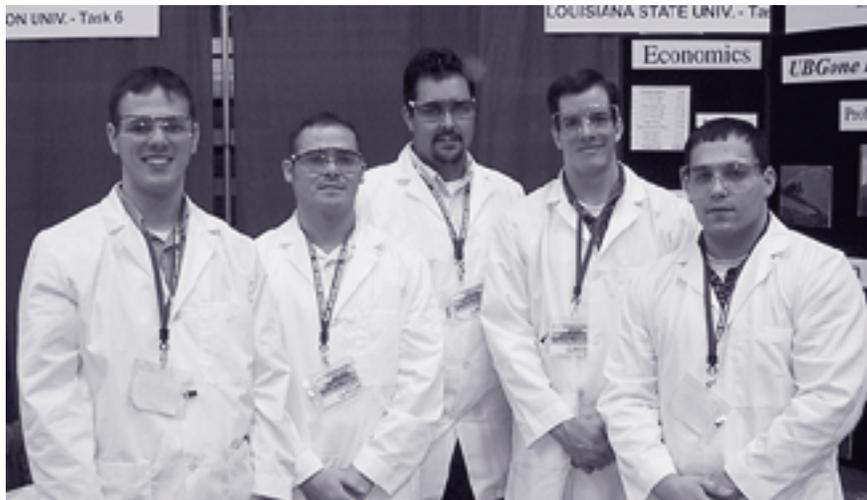
1999

Suzanne Pylant is employed by Stevenson & Palmer Engineering. She resides in Marietta, Georgia.

2001

Sergio Luis Aviles is an intern at the Louisiana Department of Transportation and Development. He resides in Baton Rouge.

## Students Win Awards in International Environmental Design Contest



Loyd Bourgeois, Jude Mancuso, Michael Thompson, Jonathan Fourier and Jason Candella



Melanie Boudreaux, Julie Reed, Shana Kunefke, Sarah Goldsmith and Lacey Yesso

Two environmental engineering student teams from LSU won several awards, including first and second place finishes in two categories, at the 12th annual International Environmental Design Contest held at New Mexico State University. The teams also won the Overall Award in the Waste Management Track, giving the students a total of \$6,000 for their efforts.

The contest played host to more than 350 students representing 25 universities from throughout the United States, India and Mexico. Sponsored by WERC: A Consortium for Environmental Education and Technology Development, the contest challenged

teams to provide solutions to environmental problems that were submitted by private industry and government agencies. The students prepared papers, made oral presentations, and developed bench-scale demonstrations of their solutions in competition for cash awards and travel allowances exceeding \$55,000.

The representatives from LSU were: Jonathan Fourier, Baton Rouge; Loyd Bourgeois, Baton Rouge; Michael Thompson, Lake Charles; Jason Candella, Opelousas; Jude Mancuso, Destrehan; Julie Reed, Port Barre; Lacey Yesso, Houma; Sarah Goldsmith, Baton Rouge; Shana Kunefke, Denham

Springs; Melanie Boudreaux, Baton Rouge; and faculty advisor David Constant, professor of civil and environmental engineering. The Hazardous Substance Research Center/South and Southwest, a consortium of LSU, Rice, Georgia Tech, and Texas A&M, and the LSU Department of Civil and Environmental Engineering, sponsored the LSU group, which was split into two teams. LSU has participated in the event for the last five years.

One team's project was to develop and demonstrate a separation technology for treatment of explosive-contaminated soil in a safe and cost-effective manner. The other team developed and demonstrated a cost-effective method to remove uranium from drinking water. For both teams, their designs had to take into consideration the regulations around their proposals, legal issues, public participation and the overall cost to finance such an undertaking.

"These students are outstanding among their peers," said Abbas Ghassemi, executive director of WERC. "We hope that this experience will encourage them to continue their education in the environmental disciplines."

For more information, visit WERC at [www.werc.net](http://www.werc.net) or call 1-800-523-5996.

Josh Duplechain  
LSU Media Relations

## IN MEMORIAM

1949

Charles Hogg, Jr., passed away on March 7, 2001, in Baton Rouge. He is survived by his wife, Betty Gladden Hogg.

# CONSTRUCTION MANAGEMENT DEPARTMENT

## FROM THE CHAIR



*George M. Hammitt II*

**T**HE Construction Management Department has continued to grow in student population. Construction Management (CM) declared majors now total 522 students and there are 54 students that are declared CM Minors. Due to the fantastic support of CM's LSU Construction Industry Advisory Council (CIAC), CM will have sorely needed additional classroom and office space once the renovation of the CEBA "boiler room" is completed. The project is set to be completed in the fall of 2002. Faculty has been supplemented very successfully by adjuncts also supplied by CIAC; they are greatly appreci-

ated and have done an excellent job. Contributions to the CM department for endowments continue with our Contractors Educational Trust Fund (CETF) Endowed Chair, Professor James Gill, named as the recipient of the Endowed Professor For Applied Professional Ethics also from the CETF. Additional Endowed Professorships have been given to the CM department from Performance Contractors, Inc. and Cajun Constructors, Inc. Our sincere thanks for their continued active interest and that of the CIAC.

*George M. Hammitt II  
Chair*

## ALUMNI NEWS

1973

**Jim C. Peevey, Jr.**, is currently vice president of operations at Grant General Contractors. He resides in Encinitas, California.

1982

**Alexander deVilleneuve Allain** is project manager with Ollinger-Mostellar and Associates. He currently resides in Mobile, Alabama.

1985

**Rodney Laurent** is vice president of quality at Cook-Hurlbert, Inc. He lives in Cedar Park, Texas, and enjoys fishing and gardening.

1992

**David R. Johnson** was recently promoted to hazardous material manager at ExxonMobil. He resides in Kenner.

1993

**Ty J. Sisung** is a pipeline field specialist at British Petroleum. He resides in Belle Chasse, and enjoys exercise, deer and duck hunting, and watching LSU football and baseball.

2000

**Charles Robert Bernhard** is an estimator at Bernhard Mechanical Contractors, Inc.

2002

**Wilson Alvarez, Jr.**, is a project manager at Milton J. Womack, Inc. He resides in Baton Rouge.

**Richard William Clark** is a project engineer at Baker Concrete in Lake Jackson, Texas.

**Mark Inman** is an M.B.A. and law student at the University of Denver.

## DEPARTMENT NEWS

**James H. Gill**, Contractors Educational Trust Fund Chair and professional-in-residence, was awarded the Contractors Educational Trust Fund Professorship for Applied Professional Ethics.

# ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT

## FROM THE CHAIR



*Kemin Zhou*

**T**HE DEPARTMENT of Electrical and Computer Engineering is striving to provide the best undergraduate and graduate education in leading tech-

nological fields to our students. We graduated more than 60 undergraduate students and nine graduate students in the spring. Among them, five students won the University Medal with a perfect grade-point average. One of our Ph.D. students was also awarded the first College of Engineering Exemplary Dissertation Award at the Spring Commencement. All these have been achieved with extremely meager resources available to the department.

Looking forward as the leading department of technological innovation and revolution in this information era, we have ample opportunities to make a significant impact on the state economic development and have great potential and capability to be the driving force for

the state information technology initiative. At the same time, we are facing tremendous challenges. The fast changing technology in wireless communication, microelectronics, and computers, which are the core of the information technology initiative and the focus of this department, demands constant updating of our teaching and research techniques and upgrading our teaching and research facilities. We are vigorously seeking support from various resources, and contributions from corporations and our alumni are most welcome and greatly appreciated. We are very proud of our achievements and we are determined to continue the excellence.

*Kemin Zhou  
Interim Chair and Oskar R. Menton  
Professor of Electrical Engineering*

## ECE CHAIR RETIRES



*Alan H. Marshak*



*Alan Marshak at retirement  
celebration*

Alan Marshak, department chairman, retired June 30, 2002. Faculty and staff held a retirement celebration in his honor on May 1. Marshak has worked with the department since 1969, when he began as an assistant professor. In 1973, he was promoted to associate professor and in 1978 rose to the rank of full professor. In 1983, he was elected chairman and was named the F.H. Coughlin/CLECO Professor of Electrical Engineering in 1993. He received his bachelor's degree from the University of Miami in 1960, his master's degree from LSU in 1962 and his Ph.D. from the University of Arizona-Tucson in 1969. His areas of research include semiconductor device physics, device analysis, transport theory, and heterojunctions.

## INTERIM CHAIR NAMED

Kemin Zhou, Oskar K. Menton Endowed Professor of Electrical Engineering, has been named interim department chair for the Department of Electrical and Computer Engineering.

## DEPARTMENT NEWS

Subhash Kak was awarded the Distinguished Alumni Award of the India Institute of Technology, Delhi for the year 2002.

Jagannatham Ramanujam, professor, has been promoted from associate professor to professor.

Kemin Zhou, Oskar K. Menton Endowed Professor of Electrical Engineering, has been selected as associate editor of the *International Federation of Automatic Control Journal-AUTOMATICA*. He serves as the associate editor of the *SIAM Journal of Control and Science Optimization*, *Systems and Control Letters* and the *Journal of System Science and Complexity*.

## IN MEMORIAM

1941

Jules Malcolm Miller, 82, passed away January 18, 2002. He received his bachelor's degree in electrical engineering with a minor in aeronautical engineering. He retired in 1972 after serving 31 years with NASA. He was a resident of Hampton, Virginia, and is survived by his wife Betty Lear Miller.

1943

William Robert Johnson, Jr., passed away April 16, 1996. He was an avid LSU football fan and a Lambda Chi Alpha fraternity alumnus. He is survived by his wife, Ruth Johnson.

## WELCOME TO LSU

Benjamin Arazi, professor, received his Ph.D. in 1974 from University of Witwatersrand in South Africa. His areas of specialization are information technology including communication, computer network, coding theory, and cryptography.

Xue-Bin Liang, assistant professor, received his Ph.D. in 2002 from University of Delaware. His areas of specialization are wireless communication, information theory, signal processing, linear and nonlinear systems, and neural computing.

## ALUMNI NEWS

1939

Charles Espy Reed is currently enjoying retirement activities such as investing and resides in New Orleans. He is retired from Reed Unit-Fans, Inc.

1958

David T. Harvey, Jr., is retired and living in Tallahassee, Florida.

1962

Wayland P. Marcombe is an engineering consultant at Wayland P. Marcombe & Associates, Inc. He enjoys studying Louisiana history and the genealogy of Acadians.

1963

Charles Richard Sinclair is retired from Mars, Inc. where he served as director of commodity purchasing. He resides in Destin, Florida, and enjoys offshore fishing and genealogy.

1977

Stephen Edward McMinn is president and CEO of Chip Express Corp. He resides in San Jose, California.

1979

Kevin Grizzaffi (M.S. EE 1982) is employed by Compaq. He and his wife, Janeth, are celebrating the birth of their first baby, Matthew Joseph. The family resides in Cypress.

1987

Jean Elizabeth Donham Griesan and her husband, Thomas, welcomed the birth of twin girls, Valerie and Lily, on

October 8, 2001, in addition to their other three daughters. The family currently resides in Colorado Springs, Colorado.

1994

Tim S. Levron and his wife, Michelle, welcomed the birth of their son, Timothy Joseph, on May 3, 2001. The family resides in Baton Rouge.

1995

Paul Joseph Mire is employed by Monsanto and resides in Destrehan. After a two-and-a-half-year assignment in Brazil on the start-up of the Monsanto RoundUp facility, he recently returned to the Luling plant to coordinate ISO-9000 efforts.

1997

Robert Paul Decote is employed by Dominion Exploration and Production. He and his wife, Terri, reside in Marrero.

2000

Brian Linxwiler is currently employed by Bently Nevada Corporation as a systems engineer at the ExxonMobil Baton Rouge Refinery. He and his wife, Amy, reside in Greenwell Springs.

2002

Michelle Pivach is employed by Entergy in New Orleans.

Travis John St. Pierre is an electrical engineer with Northrop Grumman Ship Systems in New Orleans.

### ECE FACULTY AWARDED PATENT

Three faculty members have been awarded a patent by the U.S. Patent and Trademark Office. **Martin Feldman**, professor; **Ahmed El-Amawy**, Chevron Endowed Professor of Engineering; and **Ramachandran Vaidyanathan**, associate professor, were issued a patent entitled "Optical Slab Waveguide for Massive High-speed Interconnects."

**Martin Feldman**, professor, and three MIT researchers, **Henry I. Smith**, **Ken-Ichi Murooka**, and **Michael H. Lim**, have been issued a patent entitled "Adaptive Lithography Membrane Masks."

### AIRCRAFT SAFETY PROJECT UPDATE

"AIRCRAFT SAFETY: Managing Control Upsets" is a NASA/LEQSF (Louisiana Education Quality Support Fund) research contract based at LSU and partnered by University of New Orleans and UL-Lafayette. **Jorge L. Aravena**, professor, is the principal investigator. During the first year of activity the project produced over 15 technical publications. Aravena was invited to present results at the 15th IFAC World Congress in Barcelona, Spain, July 20-29. Team members, **Daniel Campos-Delgado** and **Kemin Zhou**, both from LSU, and **X. Rong Li**, from UNO, are also presenting results at this congress. The team is also scheduled to participate at the 2002 Digital Avionics Systems Conference in October where **Min Luo**, a doctoral student with Aravena, will present additional results.

### STUDENT NEWS

**Chuang Zhang**, a Ph.D. student under the direction of **Ashok Srivastava** and **Pratul K. Ajmera**, won fourth place in the Student Paper Award Competition out of 200 students' papers submitted worldwide at the Institute of Electrical and Electronics Engineers (IEEE) 45th International Midwest Symposium on Circuits and Systems on August 4-7, 2002 in Tulsa, Oklahoma. The title of his paper is "A 0.8 V Ultra-Low Power CMOS Operational Amplifier Design."



# INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING DEPARTMENT

## FROM THE CHAIR



*Thomas G. Ray*

**T**HE DEPARTMENT facilities are beginning to take on a new appearance with the changes of the last two to three years. The machine shop has been relocated to the Engineering Annex Building adjacent to the CEBA parking lot. Our dedicated classroom has been

updated to a multimedia facility. New computers were installed in the computer lab, which has been equipped with new furniture. The main departmental office, including the chairman's office, has been completely refurbished and carpeted. Room 3415 has also been redone with new enclosed and cubicles that can be locked for graduate students. This was accomplished with funds received from LSU CAPITAL, which resulted from the Governor's Information Technology Initiative. This fall, the lab for IE 4480 will be updated with approximately \$57,000 in new equipment.

We also have three new faculty members joining us this fall. They are Craig Harvey (Ph.D., Purdue), Xiaolin Jiang (Ph.D., Toronto), and Charles McAllis-

ter (Ph.D., Penn State). We are very glad to have these dynamic additions to our department and look forward to their contributions to our further success in academics and research.

In January of this year we began the Information Technology Apprenticeship Program (ITAP) for graduate students. This program allows students to work in practical environments with small companies thereby receiving valuable experience that will assist them in finding jobs. This fall, the graduate enrollment, as a result of ITAP, is expected to increase significantly.

We would like also to congratulate our new professors who were promoted recently: Warren Liao and Evangelos Triantaphyllou.

*Thomas G. Ray  
Chair*

## RAY NAMED DEPARTMENT CHAIR

**Thomas G. Ray**, associate professor, has been appointed chairman of the Department for Industrial and Manufacturing Systems Engineering. Ray received his Ph.D. from Virginia Polytechnic Institute and State University in 1971 and conducted his doctoral research in the area of engineering economics with application to systems of interacting components. His areas of research include engineering economics, operations research, computer stimulation, quality control, and management information systems.

## WELCOME TO LSU

Craig Harvey received his Ph.D. from Purdue. His areas of specialization are human factors and information systems.

Xiaolin Jiang received his Ph.D. from Toronto. His areas of specialization include information systems and statistics.

Charles McAllister received his Ph.D. from Penn State. His areas of specialization include simulation, statistics, and stochastic processes.

## IN MEMORIAM

1947

Harold F. Kraus passed away March 24, 2000. He resided in Jefferson.

1960

Alfred LeBlanc Jr. passed away December 26, 2000. He resided in Port Allen.

## ALUMNI NEWS

1966

George Diedrich III is a broker/owner with Century 21 Acadia Realty in Thibodaux.

1972

Paul Jubin Barron has been employed by Bell South for 28 years and resides in Mandeville.

1973

John Richard Creed has been promoted to executive vice president and general manager at Firth Rixon Viking. He now resides in Reno, Nevada.

1998

Jaishankar Balasubramanian is employed by International Paper. He obtained his APICS CPIM certification in December 2001.

1999

Faisal Basrai is employed by Cadre Systems, LLC as an application developer and database analysis. He resides in Troy, Michigan.

2000

Stephen Eugene Williams is a reliability engineer with Northrop Grumman Ship Systems in New Orleans.

2001

Christopher Reed is an industrial engineer with Northrop Grumman Ship Systems/ Avondale Operations in New Orleans.

2002

Erica Ruiz Diez is continuing her graduate studies at LSU.

## DEPARTMENT NEWS

T. Warren Liao, associate professor, was invited by the National Science Council of Taiwan to visit several universities in Taiwan in February to present his past and current research work and to investigate possible future research collaborations.

# MECHANICAL ENGINEERING DEPARTMENT

## FROM THE DEPARTMENT HEAD



*Glenn Sinclair*

**T**HE DEPARTMENT of Mechanical Engineering (ME) had another good year in both teaching and research.

As teachers, department faculty continue to be highly rated by students. The same students rate ME courses as significantly more challenging and demanding than other courses, even other courses in the College of Engineering.

To complement our teaching, we continue to try and improve our undergraduate laboratories. While significant improvements were made in three of our labs in the previous year, there remains much to be done. This year we upgraded two more labs and improved student shop facilities.

Senior Design students performed exceptionally well this year. Some long-time observers of Senior Design judged a number of projects to be among the best ever. Senior Design also served as a platform for participating in three national competitions: Mini Baha, Mini Indy, and Super Mileage. While

we are yet to break into the top 10 in any of these competitions, performance was markedly better than last year. Also, we were one of only two universities that competed in all three of these contests.

Sometimes proximity and familiarity can lead people to undervalue local institutions compared to ones farther away. This can be the case with universities. Under the headline "Bright Flight," a recent front-page article in the Advocate described how some of Southern Louisiana's brightest high school students were electing to pursue undergraduate studies outside the state. In Mechanical Engineering, this is generally not a good choice.

While certainly there are other universities that have more nationally publicized ME departments than LSU, the mechanical engineering education offered at LSU is second to none in my opinion. Having just come from a reasonably well recognized engineering school (Carnegie Mellon, usually ranked in the top ten), I can attest to this. Carnegie Mellon justly prided itself on its teaching compared to other engineering schools that are primarily interested in research. Even so, I believe mechanical engineering education is better at LSU for two reasons. First, while Carnegie Mellon still has some fine teachers, on average the faculty here at LSU are better teachers: They are more committed to student learning and more competent at realizing this objective. Second, Carnegie Mellon has a flexible curriculum which students like but results in the most popular senior elective being Weight Lifting: LSU students have a more stringent curriculum and consequently typically learn more. Furthermore, Carnegie Mellon is

not alone amongst universities in having such permissive curricula. All told then, LSU offers an ME education which is at least comparable if not superior to that offered at more publicized universities. And it does this at a fraction of the tuition cost. So perhaps any Louisiana high school student going to an out-of-state university would be more appropriately described by an article on "Not So Bright Flight."

There is a reason why ME at LSU lacks the prestige of some other Mechanical Engineering Departments. Rankings of ME departments typically reflect research rather than education, and a number of other universities have been more heavily involved in research over a far longer period than ME at LSU. However, times are changing. Research dollars are up by a factor of 4.7 in the last decade so that now ME at LSU has the highest per faculty funding in the College of Engineering, and a comparable level with ME departments at many research universities. Companion research productivity is up by a factor of 6.1, and citations of this research up by a factor of 8.8, in the same period. This number of citations is also currently the highest in the college and comparable with many, more-established, research universities. Unfortunately it just takes time for the good news to get out.

On a personal note, I really enjoyed my first full year here at LSU. I look forward to working with faculty and students this year as we continue to strive to excel in both education and research.

*Glenn Sinclair  
Chair, Richard J. & Katherine J. Juneau  
Distinguished Professor*

## ME SENIORS AID PHYSICALLY CHALLENGED THROUGH PROJECT

Wheelchair-bound Chad Ferrand now has more mobility around rough surfaces and uneven terrain thanks to seniors Rob Frater and Cordelle Seals.

The two men have fabricated a golf cart that Ferrand can easily access and use to travel during outings with family and friends. Ferrand proposed the idea of a wheelchair accessible golf cart to the Mechanical Engineering Department in fall 2001. The project was accepted, and Frater and Seals began working with Guoqiang Li, assistant professor of research, and Su-Seng Pang, Jack Holmes Professor of Engineering, serving as their faculty advisors. The project was part of the Senior Design Project class offered by the Mechanical Engineering Department. Other projects included the Mini-Indy and the Mini-Baja.

This project's three main goals were to make a simpler way for Ferrand to get on the cart, to keep Ferrand securely on the cart during travel and



*Wheelchair accessible golf cart*



*Cordelle Seals and Rob Frater*

for Ferrand to safely exit the cart. Carts have been made in which wheelchair-bound people can ride, but this is the first cart made that a wheelchair-bound person can drive.

One obstacle encountered while modifying the cart was the inadequate length for a wheelchair on the floor of the cart. An additional 44" of length was necessary to compensate for the wheelchair. The seats were not removed because Ferrand has an attendant with him at all times thus a seat is necessary, and the seat houses the battery. Also, Ferrand's wheelchair is not able to climb inclines greater than 35 degrees, so the two designers built a ramp with an incline of 20 degrees. Safety tie-down straps and side ramps were used to ensure that Ferrand's wheelchair would not roll off or topple over during motion. After solving minor obstacles, all goals were met by the project designers.

## DEPARTMENT NEWS

Ramachandra Devireddy, assistant professor, has been invited to present two lectures at the NATO Advanced Study Institute on Low Temperature and Cryogenic Refrigeration—Fundamentals and Applications to be held June 23- July 5, 2002, in Izmar, Turkey. The topics of his lectures are "Cryobiology: Recent Advances and Future Challenges" and "Differential Scanning Calorimetry of Cells and Tissues During Freezing."

Efstathios Meletis, Gerald Cire and Lena Grand Williams Endowed Professor, presented a seminar on "Functionally Gradient, Multifunctional and Self-organized Nanocomposite Thin Films

and Surface Layers," at the Texas Center for Superconductivity, University of Houston on May 3.

Wen J. Meng has been promoted with tenure to the rank of associate professor.

Su-Seng Pang, Jack Holmes Professor of Engineering and associate vice chancellor for strategic initiative, has been elected Fellow of the American Society of Mechanical Engineers. Fellow is the highest grade of membership of the ASME. The award acknowledges his outstanding achievements and contributions to the engineering profession. At the 2002 ASME Engineering

Technology Conference held in Houston on April 3-5, Pang was also recognized with his fourth consecutive Frank Walk Service Award. He has served as chair and vice-chair on several ASME committees in addition to reviewing technical papers for the ASME journal and conferences.

Harris Wong gave a seminar titled "Capillary Driven Motion of Solid Thin Films" at the University of Berkeley on April 2, 2002. He has been promoted with tenure to associate professor.

# WELCOME TO LSU

H. Dwayne Jerro, assistant professor, received his Ph.D. in 1999 from LSU. His area of specialization is composite materials.

Dorel Moldovan, assistant professor, received his Ph.D. in 1999 from West Virginia University. Composite materials is his area of specialization.

Muhammad Wahab, assistant professor, received his Ph.D. in 1984 from University of Alberta, Edmonton, Canada. His areas of specializations are fatigue and fracture mechanics, computational plasticity, modeling of welding processes and welded structures, solid mechanics, and stress analysis.

## ALUMNI NEWS

1937

William R. Downs is retired from Douglas Aircraft, where he worked for 41 years. He enjoys aircraft restoration, church, writing, and golf. He resides in Rancho Palos Verde, California.

1942

Gordon Weaver Hargis is a retired TWA Captain and U.S. Air Force Colonel and resides in Ft. Worth, Texas. He enjoys flying and reading aviation publications and is a amateur radio operator.

1943



Bert S. Turner

Bert S. Turner and his wife, Sue, were honored on October 26, 2001, by the LSU Foundation for their lifetime contributions.

1944

Hubert Edward Nolde is a retired U.S. Army Colonel and resides in Leesville.

1947

Franklin Willis Fidler is retired from Plantation Pipe Line Co. and he is currently residing in Carrollton, Georgia. He enjoys fishing and traveling.

1948

Franklin Bryant Anderson is retired and resides in Hot Springs Village, Arkansas.

Victor A. Walter is retired from Fish Engineering and Construction. He resides in Missouri City, Texas.

1954

Hector De La Puente is retired from Aerospace Corp. He is a resident of Santa Monica, California.

1957



Carl Streva

Carl Streva served on the LSU Alumni Association Board of Directors for the year 2001 and resides in Morgan City.

1958



Norman Deumite

Norman Deumite, a native of Oberlin, was selected as a 2001 LSU Alumni Association Hall of Distinction honoree. While at LSU, he was a member of the football team 1953-54. In 1978, he founded Master Maintenance and Construction, Inc. and remains president and chairman of the board. He also founded North American Constructors, Inc., Southern Security Services, and Plastic Technologies, Inc. Additionally, he serves a member of the board of directors of the Tiger Athletic Foundation and is involved with many other organizations. Deumite has also received the LSU Football Coaches Award and was elected to the LSU Athletic Department Hall of Distinction.

*cont'd. on page 34.*

## ALUMNI NEWS

*Continued from page 33*

1961

Marvin M. "Mickey" Christensen (M.S. 1965) is a consultant with TQM Systems in Baton Rouge. He retired in 1993 from Dow Chemical.

1963

Richard S. Serpas retired in 1995 after 32 years of service at NASA. He currently resides in Houston, Texas.

1995

Stephen M. Moret was recently awarded an M.B.A. from the Harvard Business School, where he also received the Dean's Award for leadership and service. He will be joining the Washington, D.C. office of McKinsey & Company, an international management consulting firm in 2002.

2001

Bruno Lozano is a process equipment engineer at John Deere Harvester Works. He resides in Rock Island, Illinois.

2002

David Rushing works as a systems engineer associate for Lockheed-Martin in Marietta, Georgia.

## IN MEMORIAM

*L. R. Daniel, Jr.*

Lawrence Richard Daniel, Jr., (1922-2002) passed away June 23, 2002, in Baton Rouge. Daniel received his bachelor's degree in 1943 from LSU and Ph.D. from Michigan State University. He joined the Louisiana Tech faculty in 1948 as a mechanical engineering professor. In 1962, he became head of the LSU mechanical engineering department, where he was responsible for creating the mechanical engineering doctoral program, revising the curriculum to enhance laboratory experiences, and initiating a partnership with NASA, resulting in the NASA Research Initiation

Support Program. He was an American Society of Mechanical Engineers (ASME) fellow and member of several professional organizations including the American Legion and Knights of Columbus.

Driven by his passion for academics and for promoting the academic spirit at LSU, he continued to teach after his retirement in 1985, donating his salary to the establishment of the L.R. Daniel Titled Professorship. The first \$100,000 endowed fund was awarded in 1990, but contributions from family and friends continued. By the year 2000, the fund had reached the level of \$200,000 and therefore, changed to the L.R. Daniel Distinguished Professorship. Contributions have continued to the College of Engineering in his memory and have been utilized to build his distinguished professorship.

Daniel is survived by his wife of 48 years, Mary Danos Daniel, three children (all LSU alumni) and six grandchildren.

The Mechanical Engineering Department and LSU has lost a founder, major benefactor, and pillar to the department. We will all miss him dearly.

1948

Guy E. Templet passed away December 11, 2001, in Baton Rouge.

# CRAFT AND HAWKINS DEPARTMENT OF PETROLEUM ENGINEERING

## FROM THE CHAIR



*Zaki A. Bassiouni*

**T**HE OIL AND GAS INDUSTRY is one of the leading industries in Louisiana and has direct and indirect impact in excess of \$92 billion on the state economy. Louisiana, when com-

bined with the federal offshore, is the number one producer of oil and the number two producer of natural gas in the country.

The Craft & Hawkins Department of Petroleum Engineering has continuously served this economic sector by providing professional education and high quality training to meet the need for engineers, managers, and researchers.

The department has also been a regional center for advanced education, research, and technology transfer. These activities have, and will continue to, enhance the level of technologies used to safely drill for and efficiently produce the state's oil and gas resources.

Future planned activities include:

- Increase the Research and Technology Transfer activity at the full scale Well Facility. The facility will support two areas: well control and blowout prevention; and offshore/deepwater drilling, completion, and production activities.
- Create and maintain a Research and Technology Transfer Laboratory for improved recovery technologies.
- Create and maintain a Research and Technology Transfer initiative in geological/geophysical/ engineering reservoir characterization.

*Zaki A. Bassiouni  
John W. Rhea Jr. Professor of  
Engineering & Chevron Endowed  
Professor of Engineering*

## PETE AND RANDY SMITH TRAINING SCHOOLS PARTNER TO PROVIDE TRAINING

The Craft & Hawkins Department of Petroleum Engineering has teamed up with the Randy Smith Training Schools (RSTS), a leading worldwide provider of technical, management, and water-based safety training. The partners have reached an agreement whereby RSTS will offer its customers live well control training for the prevention of oil and gas well blowouts conducted by LSU's Petroleum Engineering Research and Technology Transfer Laboratory to complement RSTS training. This training emphasizes hands-on control of water and natural gas kicks in actual wells kick behavior, practice using rig equipment and confidence when implementing well control procedures.

## ALUMNI NEWS

1950

**John J. Daigre** resides in Lafayette. He is currently retired and enjoys playing golf.

1950

**James D. Stahl** is retired from Pennzoil Co. He resides in Sugarland, Texas.

1955



*Lodwick Cook*

**Lodwick Cook** served on the 2001 Board of Directors for the LSU Alumni Association.

1956

**Ernest Angelo, Jr.**, is currently a managing partner at Discovery Exploration. He was appointed by George W. Bush as vice chairman of the Texas Parks and Wildlife Commission and served as Republican National Committeeman for Texas from 1976-1996. He enjoys hunting and fishing and is a father of four and a grandfather of six.

**Billie Joe Hughes** resides in Hollister, Missouri. He is retired from Texaco and is the owner of Alpenrose Inn in Branson, Missouri. He enjoys gardening, sports and talking to visitors in Branson.

1972



*Jerry Shea, Jr.*

**Jerry Shea, Jr.**, was inducted into the LSU Alumni Hall of Distinction in 2001. He is president of both Bayou Management Service L.L.C. in New Iberia, Louisiana, and Bayou Coating L.L.C. in Baton Rouge. He and his wife, Beverly, live in New Iberia.

1983

**Raymond Joseph Battalora** is the senior fire protection engineer at Schirmer Engineering Corp. He is a resident of Richardson, Texas.

1986

**Spencer W. Turpin III** is regional vice president with Corpro Co., Inc. He currently resides in Houston, Texas.

2002

**Marcel P. Tullier** is a drilling engineer with Conoco, Inc. in Houston, Texas.

## DEPARTMENT NEWS

**Zaki Bassiouni, John Rhea Jr.** Professor, Chevron Endowed Professor of Engineering, and department chairman, has been recognized for 25 years of service to LSU.

## IN MEMORIAM

1941



*Dalton John Woods*

**Dalton John Woods**, a native of Crossett, Arkansas, and a resident of Shreveport, passed away October 14, 2001, after a struggle with cancer. Woods served as CEO of Dalwood Corporation and Woods Operating Co. Inc. He is a past member of the LSU Board of Supervisors and past chairman of the LSU Foundation in Shreveport. He has received the LSU Foundation President's Award for lifetime support, and he was honored as Alumnus of the Year 2000 by the LSU Alumni Association.

1948

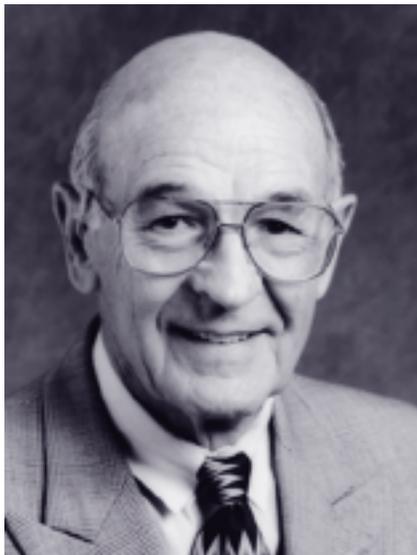
**Hollie H. Rushing** passed away January 29, 2002, in Homer.

1950

**Richard B. Buron** passed away January 23, 2002, in Tyler, Texas, at the age of 75. He grew up in Shreveport and was a retired manager of drilling operations for Placid Oil Company in Dallas. He is survived by his wife Jackie Buron, a son, R.B. Buron, and a daughter, Mary Buron. He was a resident of Mineola, Texas.

# DEVELOPMENT ACTIVITIES

## FROM THE DIRECTOR



*Edward J. Steimel  
Director of Development*

**T**HE PAST YEAR has been a great year for development in the College of Engineering highlighted by:

- the \$7.5 million pledge by Gordon Cain (\$2.5 million will fund a communications project for engineers and scientists);
- over \$1 million from ExxonMobil and its employees; and
- 14 new or expanded professorships during the first six months of 2002. They are detailed below.

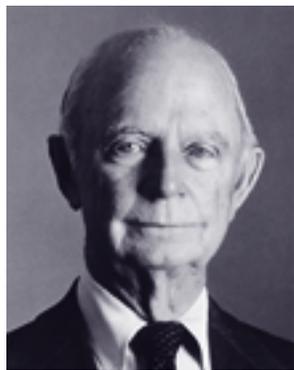
Five more donors have upgraded their professorships during the past year from

the \$100,000 level to the \$200,000 level or more. There are now 32 distinguished professorships endowed for \$200,000 to \$1,000,000 each, for a total of about \$12,000,000. In addition, there are 66 professorships endowed for \$100,000 or more for a total value of about \$8,500,000.

Earnings from these professorships provide a salary supplement for those professors allowing the LSU College of Engineering to secure and keep top level faculty.

*Edward J. Steimel  
Director of Development*

## ENGINEERING ALUMNUS GORDON A. CAIN PLEDGES \$7.5 MILLION



*Gordon A. Cain*

Before his death in October, LSU engineering alumnus and Rayville native, **Gordon A. Cain**, pledged \$7.5 million to the University, \$2.5 million of which will fund a Communications Project for engineering and science students. The pledge was made with the idea of increasing LSU's ability to produce highly qualified scientists and engineers to serve Louisiana. Having given a total of \$21 million, Cain and his

widow, Mary, are the leading philanthropists of LSU.

Cain's latest pledge will establish the Cain Science Challenge for Louisiana to support K-12 science, mathematics, and technology studies. Another part of the donation will go toward the expansion of the Center for Scientific and Mathematical Literacy, which will be renamed the Gordon A. Cain Center for Scientific and Mathematical Literacy. This expansion will

create a mobile science center to benefit Louisiana science teachers and the \$3 million Gordon A. Cain Chair in the center. An additional portion will be used to establish the Gordon A. Cain Communications Project. This project's purpose is to develop written and oral communication skills of future engineers and scientists. His donation is establishing a Biotechnology Education for Students and Teachers Program at the LSU Agricultural Center. This will offer Louisiana's top high school teachers and students the opportunity to participate in summer study programs at LSU and provide for undergraduate, graduate and postdoctoral science training programs at LSU.

Cain, a 1933 graduate in chemical engineering, received an honorary Ph.D. and was awarded the LSU Foundation President's Award for Lifetime Support in 1993 and the LSU Alumni Association's Alumnus of the Year award in 1989. Cain was inducted into the Engineering Hall of Distinction in 1992. In 1998, the Department of Chemical Engineering was named the Gordon A. and Mary Cain Department of Chemical Engineering to reflect the Cains' significant gifts to the department.

## EXXONMOBIL AWARDS \$250,000 TO COLLEGE OF ENGINEERING

ExxonMobil Executive Vice President Harry Longwell announced that the corporation will be donating \$250,000 to the College of Engineering over a five year span to establish a scholarship program and to support minority engineering students.

The scholarships are given to those who rank in the top 25 of their high school class and have scored at least a 26 composite on the ACT. Priority will be given to underrepresented minority applicants.

The LSU Foundation has worked closely with ExxonMobil and Truman Bell of the ExxonMobil Foundation over the past few months to establish the scholarship.

"The College of Engineering appreciates the strong support it continues to receive from ExxonMobil," said Dean Pius Egbelu. "The relationship between the college and ExxonMobil is a model of what true industry-university partnership in education should be. This gift is a reconfirmation of that partnership."



## EXXONMOBIL MATCHES EMPLOYEES CONTRIBUTIONS



Chancellor Mark Emmert, ExxonMobil Executive Vice President Harry Longwell, and President William Jenkins

The ExxonMobil Foundation presented LSU with a check for \$905,951 on June 5, 2002. The total represents the three to one match that the company makes on behalf of its 250 employees, retirees, spouses and directors who donate to the university throughout the year.

This year's employees and affiliates total donation of \$307,659 added to the company match brings the total amount given to \$1,213,610.

"Most of the gift and matching funds become permanent assets of the University through endowments. More than 150 endowed professorships and scholarships are being funded by ExxonMobil employees and retirees who obtain matching gifts," said LSU Foundation President Cecil Phillips.

The check was presented to LSU by Harry Longwell, executive vice president of ExxonMobil Corp. Longwell graduated from LSU in 1963 with a bachelor of science degree in petroleum engineering.

Since 1962, the ExxonMobil Gift Matching program has provided more than \$250 million in matching funds to promote higher education in the United States.

## NEW PROFESSORSHIPS

The year 2002 started off with a bang. In January alone, the equivalent of 12 \$100,000 professorships were established. Some of them, anticipated in the fall 2001 *Engineering News*, were erroneously reported as four professorships from the Roy Paul Daniels bequest, in fact, became the equivalent of seven \$100,000 professorships. Professorships secured in 2002 include:



Adele & Robert D. Anding

Robert D. & Adele Anding Professorship in Chemical Engineering was initiated by the Anding's 13th annual

\$5,000 contribution since 1990. Anding, a 1948 chemical engineering alumnus, and his wife Adele, have previously created two \$200,000 Distinguished Professorships. It is their intention that on funding completion in two years, this professorship will be added to one of the two Anding Distinguished Professorships in Chemical Engineering.



F. Hugh Coughlin

F. Hugh Coughlin/CLECO Distinguished Professorship in the Department of Electrical and Computer Engineering was created through the addi-

tion of the second half of this \$200,000 professorship.



Roy Paul Daniels

Roy Paul Daniels Distinguished Professorship #1 and #2, each for \$200,000, Roy Paul Daniels Professorship #3, and two others established through his bequest: Michel B. Voorhies Professorship #2 and Paul M. Horton Memorial Professorship. Roy Paul Daniels' estate recently established 16 professorships totaling over \$1 million. With the Board of Regents' match, the total will exceed \$1.7 million.

## NEW PROFESSORSHIPS

Daniels graduated from LSU in 1926 with a bachelor's degree in chemical engineering. He served as director of laboratories at the Gulf Oil Corporation Refinery in Port Arthur, Texas.

Elaine T. & Donald Cecil Delaune Distinguished Professorship in Electrical and Computer Engineering was initiated by the Elaine & Donald Delaune's funding of the second half of a \$200,000 Distinguished professorship, which they expect to complete in 2003.



*Clarence M. Eidt*

Clarence M. Eidt, Jr. Professorship was established in June 2002 with an initial gift match by Exxon-Mobil Education Foundation. Eidt has already completed a \$200,000 Distinguished Professorship, and this latest gift will either begin a new professorship or be added to his distinguished professorship, at his discretion. Eidt, a 1962 graduate of LSU's chemical engineering department, served many years as a member and chairman of the department's advisory council. He retired in 1998 as president of Exxon Research and Engineering.

Ernest R. and Iris M. Eldred Professorship in Petroleum Engineering has been created by the Eldreds. Ernest Eldred is both an alumnus of petroleum engineering and the LSU Law Center, where the couple also created a profes-



*Ernest R. & Iris M. Eldred*

sorship. Upon completing his studies in 1962, he began representing the State of Louisiana as a private contract attorney, during which he aided the state in receiving more than \$275 million in royalty payments. After 43 years in practice, he retired in 2001 and published the book "Louisiana Landowners Oil and Gas Handbook."



*Richard and Betty Fenton*

Dr. Fred H. Fenn Memorial Professorship of Engineering was established by Richard and Betty Fenton in memory of Fenn, who served from 1957 to 1961 as dean of the College of Engineering. Richard Fenton earned his bachelor's degree in electrical engineering in 1936 and his master's degree in the same field in 1939. In 1939, he joined the LSU faculty teaching engineering mechanics until 1946, when he went to work for Standard Oil Company. After 34 years, he retired from Exxon. Betty Schneider Fenton earned her bachelor's in arts and sciences from LSU in 1946, and she served the Delta Zeta sorority for 30 years, including nine years as a national officer.



*Michel Voorhies*

Michel B. Voorhies Distinguished Professorship was completed by adding the fourth \$100,000 of this \$400,000 professorship for the chairman of the Department of Electrical Engineering.



*Gerald Williams*

Gerald Cire Williams & Lena Grand Williams Distinguished Professorship in Mechanical Engineering was begun through a contribution toward the second half of a professorship begun by Mr. & Mrs. Gerald Williams in 1991.



*Gary Wooley*

Wooley Professorship in Engineering Mechanics was created by Gary R. Wooley, a Houston alumnus who graduated in 1969 with his bachelor's degree in mechanical engineering, and master's degree and Ph.D. in engineering science in 1970 and 1972, respectively. Wooley also serves on the College's Advisory Council.

## IN MEMORIAM

Lucille W. Sullins, wife of the late Roy S. Sullins, died October 16, 2002. Prior to her death, Sullins created a charitable remainder trust to fund a \$1 million endowed chair in her husband's memory which supports an eminent scholar in the offshore petroleum technology area. She also contributed to the R. "Phatz" Sullins Memorial Fund to support expansion and maintenance of the R.S. Sullins Deepwater Offshore Petroleum Technology Center. The College of Engineering and Craft & Hawkins Department of Petroleum Engineering are deeply saddened by the loss of such a wonderful benefactor. The Sullins' name will live on in the college for years to come.

## NEW SCHOLARSHIPS



*Nordine and Henry Arnaud*

**Henry & Nordine Arnaud Scholarship in Petroleum Engineering** was established at \$15,000 by the couple's two daughters and their families to honor Henry and Nordine Arnaud from Arnaudville. Henry Arnaud received his bachelor's degree in petroleum engineering from LSU in 1949. Arnaud worked for Union Oil and enjoyed drilling in the Gulf of Mexico. The scholarship recipient must be a junior or senior with at least a 2.70 grade-point average. Preference will be given to students who are employed part-time for a minimum of 10 hours per week. The scholarship has been established to reward petroleum engineering students from the Acadiana parishes.



*Zaki A. Bassiouni*

**Zaki A. Bassiouni Scholarship in Petroleum Engineering** was established in the amount of \$20,000 by Frederick E. Beck, Randy Limbaucher, and William H. Stone to honor Zaki A. Bassiouni, chairman of the Craft and Hawkins Department of Petroleum Engineering, who has served the University since 1977.

**Stokes & Spiehler-J.R. Spiehler Jr. Endowed Scholarship in Petroleum Engineering** is funded by Stokes & Spiehler in the amount of \$50,000 to honor J.R. Speihler, Jr. The recipient of this scholarship must be a full-time LSU undergraduate student enrolled in petroleum engineering.

## ALUMNUS LEAVES INSURANCE POLICIES TO LSU



*Lester C. Gerard, Jr.*

**Lester C. Gerard, Jr.**, 1949 chemical engineering graduate, passed away on January 25, 2002, and left four insurance policies, with proceeds totaling \$70,725, to the LSU College of Engineering for the Gerard Family Undergraduate Scholarship.

Gerard received both his bachelor's and master's degrees from LSU. He served in the Army and worked in the Coast Guard Auxiliary in North Carolina and Delaware. Gerard was a member of the American Institute of Chemical Engineers. After 31 years, he retired as senior chemical engineer with DuPont and is survived by his wife Miriam Gerard.

## CHARITABLE GIFT ANNUITIES

In today's economic environment, you may want to consider the advantages of charitable gift annuities with the LSU Foundation. You may designate the College of Engineering or any of its departments as the recipient. You may also designate the gift for any specific purpose—professorship, scholarship, laboratory, or unrestricted. By creating a gift annuity you can take advantage of these and other benefits:

- income payments for life
- partially tax-free income
- current charitable income tax deduction
- survivorship agreements are available
- support the future of LSU

Send this coupon today for more information.

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OR email us at [sharmo2@lsu.edu](mailto:sharmo2@lsu.edu)

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City/State/ZIP \_\_\_\_\_

Date(s) of Birth \_\_\_\_\_ Phone \_\_\_\_\_

# ALUMNI CONTINUE TO SUPPORT COLLEGE

**T**HE COLLEGE OF ENGINEERING wishes to thank all alumni who have contributed to the Alumni Endowment Campaign. With your help, the drive has exceeded \$1.8 million to date. The contributions helped to provide scholarships and fellowships to engineering students, purchase and maintain the latest equipment, and provide professional development activities to bright, talented faculty members.

Beginning this fall, the College of Engineering will initiate the Alumni Annual Fund. As in the past, pledges of \$25 to \$2,000 over a period of five years, including company match funds, will be requested through efforts such as mass mailings and telemarketing campaigns.

- All contributions, regardless of size, are recognized in the college's annual newsletter, *Engineering News*.
- Alumni and friends who contribute \$1,000 or more annually, will be added to the Engineering Dean's Council and will be recognized at an annual social hosted by Dean Pius Egbelu.
- Pledges of \$2,000 or more will be specially recognized with an embossed metal plate in the College's Hall of Honor located in the west entrance hallway of CEBA.

*"FOR THE MANY FRIENDS AND ALUMNI WHO REMEMBERED US IN THE PAST FISCAL YEAR IN GIFTS AND OTHER FORMS OF DIRECT SUPPORT, I WOULD LIKE TO SINCERELY THANK YOU FOR YOUR GENEROSITY. WITHOUT YOUR SUPPORT, WE WOULD NOT BE ABLE TO DEVELOP SOME PROGRAMS, WHICH WE CONSIDER VITAL FOR A 21ST CENTURY ENGINEERING EDUCATION. YOUR SUPPORT MADE A BIG IMPACT ON BOTH STUDENTS AND FACULTY. TO THOSE WHO ARE YET TO GIVE, I INVITE YOU TO JOIN US IN THE PARTNERSHIP TO MAKE ENGINEERING EDUCATION AT LSU THE BEST IT CAN BE. THE RIGHT TIME TO HELP IS NOW."*

-Dean Pius Egbelu

**Below is a listing of donors who pledged \$2,000 or more to the 2001-2002 Alumni Funds:**

<i>DONOR</i>	<i>DEPARTMENT</i>	<i>YEAR</i>
Armand Salvador Abay	CHE	1976
Dennis J. Alexander	ECE	1968
Marion Paul Broussard	CHE	1949
Michael W. Burcham	CHE	1993
Charles Otto Childress	PETE	1948
George Allen Daniels	CHE	1963
R. Lee Davis	CEE	1949
Edward G. Galante	Friend of the College of Engineering	
Chad Michael Hadaway	ECE	1999
David Thompson Harvey, Jr.	ECE	1958
Neil H. Klock, Jr.	PETE	1960
John Patterson Lester, Jr.	ECE	1984
Joseph Earl Landry	CHE	1966
Dana Gerald McCarty	PETE	1941
Coleman Lilley McVea	CHE	1943
Freeman Louis Morgan, Jr.	CHE	1954
James Noel Morris, Jr.	CHE	1964
Darryl Andrew Pope	ME	1989
Paul Emil Purser	Aeronautical	1939
Bruce Alan Smith	PETE	1987

# ALL DONATIONS

## Individual Contributors 2001-2002

Armand S. Abay	Judy B. Brittenum	Raleigh L. Cox	William J. Furr
John R. Abel	John B. Brock III	Fielding B. Craft	Jesse W. Fussell
Lisa M. Abel	Justin E. Brothen	Doris M. Craig	Edward G. Galante
Victor M. Agostinelli, Jr.	Marion P. Broussard	John H. Crawford	Harvey M. Gandy
Dennis J. Alexander	Arthur E. Bruington	Robert B. Crawford, Jr.	James P. Garitty
Claudia Alexandroff	Harry H. Bryan, Jr.	Jacques J. Creppel	August E. Garofalo, Jr.
Bruce J. Alexius	Michael S. Brzezinski, Jr.	William G. Creveling	Elmo V. Gautreau
Charles H. & Margaret Allen	Jack J. Bunton	John L. Crochet, Jr.	Wilson T. Gautreaux, Jr.
Jose F. Alvarez	Michael W. Burcham	James E. Cross	Roy D. Gerard
Edward A. Amar, Jr.	Joseph F. Butterworth, Jr.	John R. Cross	Biswajit Ghosh
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# LOST ALUMNI

We need your help in locating the alumni listed below. The following list includes lost alumni who graduated from 1980 to the present. For a complete list of missing graduates, please refer to the lost alumni homepage via the College of Engineering website [www.eng.lsu.edu/](http://www.eng.lsu.edu/).

We would like to send our *Engineering News* to all alumni. If you have contact information on any of these graduates, please call 225/578-5706; write LSU College of Engineering, Lost Alumni, 3304 CEBA Building, Baton Rouge, LA 70803; email [tammy@eng.lsu.edu](mailto:tammy@eng.lsu.edu); or fax 225/578-4845.

## AGRICULTURAL ENGINEERING

### 1981

David Paul Minvielle

### 1982

Ross C. Antony

### 1984

Randall Brian Schexnayder

Kekura Sesay

Charles Herman Slocum

### 1985

John Harding Tappan

### 1989

Jose Antoinio Ferrus

## BASIC ENGINEERING DESIGN TECHNOLOGY

### 1980

James Brain Carroll

Karl Jeffrey Harvey

### 1981

Cinda Ann Stipe Voegli

### 1983

Jane Farrar

Thomas Leander Faulk

### 1984

Kristi Ann Lessing

### 1985

Andy Quang Luu

### 1987

Gary Curtis Gore

Kim Andrew Gruber

### 1988

Kurt Alan Frankhouser

Shunda Lavivia Kidd

Joseph John Lafranca

Thoi Khuong Nguyen

### 1989

Joe Frank Penn

### 1990

Anthony Clarence Chambers

Glenda Suann Spikes

### 1991

Joseph Denes Bodi

Dynell Jones

## BIOLOGICAL & AGRICULTURAL ENGINEERING

### 1990

Oumar Bagayoko

### 1992

Matthew Louis Mahler

## CHEMICAL ENGINEERING

### 1980

Mahmoud Madhat Alhashimi

Jean Kouame Bale

Terry Alan Baxter

Carl Burnett

Bob B. Carter

Yoon Keng Choo

John Edmond Collins

G. Alan Cook  
Floyd Kent Davis, Jr.  
Sheila Kulkarni Deshpande

John Bern Heidman

Melinda Gayle Ivey

Gordon Dean Kelly

Bradley Keith Kruelski

Mark John LaCour

Curtis Craig & Rita Lemoine

Bernie Joseph Lofaso, Jr.

Craig Robert Long

Debbs Neal & Wendy Nelson

John Francis Nelson

Hoa Van Nguyen

John William Pepper

Anh Minh Pho

Gregory Claude Riddick

Michael Earl Riddick

Elizabeth Renee Roberts

Richard Sylvester Sanders, Jr.

Edward A. Thistlethwaite

Freddie J. Tucker

Keith VanWinkle

Hector & Claire Vila, Jr.

Labrador Angela Vitelli

James Neal Waguespack

Shane Patrick Walker

Martin Karol Wiewiorowski

### 1981

Mark Allen Anderson

Robert Jeffers Ashby

Robert Eugene Berg

Linda Lovorn Bonin

Kim Alison Boudreaux

Carol Lynn Cockerham

Sharon Rizzuto Hutchinson Cole

Charles Philip Darnell

James Albert Devereux

Terry Christopher DeVillier

Dr. Mark Lance Doiron

Martha Lynne Donley

John Mitchell Eldred

Kenneth Wayne Hall

Larry Michael Hall

Edgar Hernandez

Kenneth M. Hutchinson

Joel Harvey Kieffer

Paul Randolph Lanoux

Patrick Craig Lejeune

Jay Charles McCorkle

Michael Steven McCown

Terry Delane Monroe

Stephanie Lynn Naquin

Todd Goodland Nilsen

Manuel Penate

Chien Wang

### 1982

Jean Ellen Carvajal Arquette

Lee David Barberito

David Karl & Katherin Bark

Clay Broders Calcote

Toufic Selman Dalal

Carroll Kelley Gordon

Ronald Lee Graham

Brett Wayne Hughes

Karen Elizabeth Korn

Joseph Khalk Koro

Narinder Bhimsain Lakhani

Wilmer Ken Mounger

Kirk Christian Nadler

Brian Piekarski

Malav Shantilal Shah

John Mark Stafford

Thomas Anthony Stroud

Lloyd August Tabor, Jr.

Richard Neil Yaw

### 1983

Jeffrey Glen & Denise Anding

Wylie Alexander Barrow

Jeffrey Ralph Bourgeois

Daniel Mark Brignac

William Lee Brown

Kenneth Gregory and Cheryl Buehring

Cheryl Coates Buehring

Kevin Michael Duhe

Frank David & Jean Edwards

Lawrence Thomas Fauchaux

Lily Gunawan

Kirkland Decelle Harper

Renee Lynne Heltz

John Everett Holloway

Kenneth Mitchell Jones

Kenneth Brian Kaiser

Rodney Paul & Sharon Marchand

Pamela Ann Mitchell

Julie Ann Niermann

Ricardo Bernard Ortega

Jerry Mohabir Ramdhani

John Maurice Sampson

Dr. Matthew Lee Schuette

Raymond Chen Soong

Que Huong Thi

Ted Shepard White

Daniel Mui-Piu Wu

### 1984

Edwin Chukwudi Akujobi

Gordon Glass Alexander

Keri Theresa Aubert

Jeanne Marie Poret Baker

John Keith Becnel

Laurel James Becnel

Craig Alan & TamiCervenka

Krisda Chirapongse

Rudyard Eric Davidson

Phillip Charles DeBlanc

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Joseph Youngblood Stuart

Cort Joseph & Susan Swanson

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Paul Eugene Yonts

### 1985

Eugene Louis Benoit

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Travis Ray Dickinson Jr.

Claire Catherine Roach Dooley

Mohamad Kheir S. Habbal

James Edmund Hull, Jr.

Terri Ann Patton

Michael Rekhelman

Randall David Seale

Eric Lawrence Singer

Lynne Carol Tutzauer

Richard Scott Willms

### 1986

Mohammed Nouredine Amrouni

Wayne Bernard Bolden

Donald Adolphe Boudreau, Jr.

Thomas Joseph Burns

Tuan Quoc Chuong

Jessica Lee Dgherman

Michael David DiLeo

Brian John Drago

Charles Rush Malone

Hung Duy Nguyen

Ragini Patel

Mayann Troth

Scott Leslie Williams

David H. Witte

Terry Eugene Wright

Kigham Seropp Yeretjian

### 1987

Mark Weldon Allen

Stephen Reeve Brodt

Lori Kay Comeaux

Chris Michael Condon

Sheng Yang Ju

Debra Kwiatkowski

Lisa Lanchi Pham

Michael Joseph Richard

Omer Wolff

### 1988

Wade Lee Alleman

Martin Broeg Berdon

Sanjay Prakash Bhargava

Yangtzu Chao

Jason Michael Colletti

Robert J. Osterhold

Ileana Perez

Victoria C. Perrett

Susan Anne Savant-Malhot

### 1989

Troy Elliot DeSoto

Stephen Ray Hunter

Yeou Fu Hwang

Richard Michael Rapp

John David Robinson

### 1990

Randall Scott Barton

Melissa Ann Belmon

Dhananjay B. Ghonasgi

Eric Daniel Imhoff

Stephen Blake Ledoux

### 1991

Michelle Atkinson

Barry Keith Bruce

James David Fagan  
Jason Davin Gardner  
Ajay Gupta  
Wai Shan Lee  
Yu Wen Lo  
Appachu Nanaiah  
Chen Hua Shen  
Robert David Vial

**1992**

Pankaj Agarwal  
Michael Paul Bilello  
Jean Pierre Bouffard  
Paul Joseph D'Amico  
Scott Joseph Daigle  
Clayton Randall Ellis  
Darryl James Folsie  
Billy Wayne Goodwin  
Donald J. Icard  
Ronn Bryan Lambert  
Jeffrey Vincent Lang  
Stephen Andrew Lassard  
Bryan Paul Louque  
Stephen Lawrence Mason  
Garvin David Pittman  
Rajesh Dilip Samarth

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Allen W. Bihm  
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Jyoti Komari Gupta  
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Diane Irene White  
Timothy John Wiggins

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Brian Heath Langford  
Jorge Raul Linares  
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James Smith  
Priscilla Toujan West

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Brandy Noel Breithaupt  
Natasha Megail Cain-Lockett  
Amy Freedman Campbell  
Linette Dalys Dutari  
Cindy Ann Feucht  
Michael Stephen Genius  
Carrie A. Goux  
Sherri Bass Harlan  
Clarence Jude Hattier  
Eric Dwayne Hollis  
John Francis LeDoux  
Gary Bernard Lewis  
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Gregory Alan McCoun  
Thanhthao Thi Phan  
Scott Lloyd Simmons  
Christopher William Smith  
David Jude Sonnier  
Geoffrey Gyavira Ssenkoloto  
Quy T. Ton  
Sek Cheng Wong

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Michele Brandolynn Bryant  
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Deependra Charan  
Umesh K. Chitnis  
Tung Thanh Do

Pei Jien Eng  
John Shelby Gordon  
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Jacob Thomas Richardson  
Alma Charisse Thomas  
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Stefan Albert Vogt  
Catherine J. Wright  
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Steven Michael Gardner  
William C. Guidry  
Moh Fahrurrozi  
Jada Desire' Lewis  
Brandon Benjamin Light  
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Jonathan Christian Picard  
Derek Hoyt Rester  
James Patrick Roach  
Todd Allen Schneider  
Toriano Adarryll Taylor  
Scott Eric Thomas  
Luyen Thi Vo

**1998**

Clint Jude Acosta  
Bhaskar Balasubramanian  
Stephen Christophe Barrow  
Diane Worthy Braselman  
Xueyu Chen  
Savita Iyer  
Gerald Jeremaine Jefferson  
Hooi Hong Kuan  
Joel David Leblanc  
Paul David Libbers  
Richard Brian McLain  
Robert Stephen Rikhoff  
Venugopal Santhanam  
Irina Valeryevna Slitsan  
Kedar Shivanand Telang

**1999**

Patrick Thomas Alderman  
Amy Elizabeth Breaux  
Jeremy Daniel Cyr  
Timothy Mark Desselles  
Yu-Chiung Kuo  
Darlene Wasrud Lambert  
Heather Ann Samrow Schilling  
Julie Dean White

**2000**

Oscar Rene Flores

**2001**

Abdulrman A Al Husaini  
Wajdi Issam Al Sadat  
Prashant Mhaskar  
Scott Steven Stringer

**CIVIL ENGINEERING****1980**

Melanie E. Guillot Bordelon  
Matthew Cobb  
Donald Davis  
Mark Joseph DeBosier  
Anthony Ellis Farris, Jr.  
George Gerard & Amanda Glaubrecht

Charles Timothy Halbrook  
Michael Jeres Handal  
Roger Gary Hollier  
Reza Ikani  
Hamid Ghamarian Kashi  
Joseph Scott Killian  
Allen Richard Major  
Donald Wayne McConnell  
David Ian McLean  
Thomas Hadden Morrow  
Melinda Trowbridge Robinson  
James Richard & Barbara Stoker  
Federico Jose Tablada  
Christopher Edwin & Winifred Whitney

**1981**

Simone Ann Ardoin  
James Everett Austin  
Mark Cliff & Melanie Bordelon  
Joseph Richard & Bonnie Buller  
Thomas Clark Carroll  
Martin Christopher Chartier  
Stacy Eugene Duke  
Eric Francis Estopinal  
David John & Tanya Everett  
Manouchehr Fakhroo  
Kenneth Joseph & Denise Faust  
David William Gilbert  
Kent Allen Guilbeau  
Saeed Haji-Zeynal  
Ismat Fouad Hassoun  
Michael Leeman Jeukens  
Jacques Guy Leblanc  
Whitney Joseph Ledet III  
John Keith Lohrey  
Joseph Wadih Maalouf  
Tammy Suzonne Meador  
Yassamin Mehrdadmane  
Mehrdad Mogharrebi  
Mehdi Mohimani  
Behnam Nikakhtar  
Abdorrahim Nikravesch  
Farajollah Peivandi  
Lowell Joseph Pitre  
Hamid Sazesh  
Ransdall Keith Smith  
Roy James Tatum  
Hojatallah Tavakoulnia

**1982**

Mehrdad Abail  
Mahmoud Abdulrahman Akra  
Stewart Andre Aucoin  
Walid A. Bayakli  
Brian Anthony Blanchard  
Kenneth Earl Breaux  
Robert Leonard Delouche  
Susan Huppert Eisenberg  
Mounir Youssef Elhelou  
Cindy L. Engelhart  
Mary Adeline Madden Field  
Willis Edward Grice, Jr.  
Scot Joseph Grotguth  
Randall Gregory Hodges  
Bradley Touvelle Jens Hansen  
William Mark LaCroix  
Enrique Guillermo Ledesma  
Alain Louis Lignieres  
Stephen Scott Meek  
Emmanuel I. Ngwu  
Kim Martindale Price  
George Caudill & Susan Robinson  
Newell Hilary Schindler, Jr.  
Robert Edward Van Olst  
Todd Anthony Vincent  
Kevin Richard Wegener  
Christopher Douglas Whitney

**1983**

Eric John Adams  
Arif Abdul Bari  
Carlos Ricardo Batalla  
Daren Blaise Carriere

Harry Pierson Chalstrom  
Jack Oramel Collins II  
John Todd Deville  
Randy Bernard Duplechain  
Pamela Ann Galliano  
Benoit J. Hardy  
Sarah Frances Kemp  
Richard Krieg Lee  
Mark Peter Lemoine  
James Keith Leumas  
Rosa Liou  
Shahnam Navaee  
Ricky Lane Nixon  
Michael Riley Pittman  
Irwin Mellard & Sally Prescott  
Byron Keith Tindell  
Lee Ann Whitehurst

**1984**

Fadi Chehadeh Abouhala  
Hossein Aminian  
James Harrison Brannon, Jr.  
James Bradley Broussard  
Weikang Chi  
Mauricio Chirinos  
Susan Calongne Foote  
James J. & Sandra Franklin  
Timothy Brian Gamble  
Ross Glover Grimbail  
Joaquin Francisco Gudiel  
Ahmad Mohamad Habli  
John Phillip Hagmann  
Abdel Kareem Huwati  
Mufid Abdulhalim Jallad  
Cem Mehmet Kitapci  
Kevin Neal Kittel  
Laurie Irene Laroca  
Jodi Anthony McGee  
Adel Yacoub Medanat  
Alison L. Labbe Nissen  
Ivan Olivieri  
Antonio Jose Rondon-Fuentes  
Armando R. Simosa  
Mohammad Tavassoli  
Joey Michael Tureau  
Yeong Chung Wang  
Yuen Choy Yap  
Mohamed Mahmoud Zantout

**1985**

Asmadi Abusujak  
Khalil I. Barakat  
Seng Chye Chua  
Jonathan Malcom & Debbie Cooper  
Michelle Poupart Cressy  
Dawn Allison Lewis D'Angelo  
Jeffery Wayne DeBosier  
Edward Glenn DeLee  
Walton Clay Dickson  
Thomas James Duenckel  
Suzanne Durrett  
Maged Mohamed Elmadhoon  
Eltahir Ali Eltahir  
Anthony Louis Franchina, Jr.  
John Francis Gillespie III  
Nancy Goncse  
Manuel Gerardo Gonzalez  
David Steven Gottfried  
Edward Daniel Hussey  
James Joseph Kenney III  
John Michael & Sheila Kuhn  
Lisabeth B. Lyon Landry  
Le Thieu Lang  
Jacque Gerard & Cheri Lasseigne  
John Edward Lusk  
Terry Anthony Macaluso  
Murzany Mahmud  
Timothy Alan McKinney  
Whitney Patrick McNulty  
Constantine Evan Mericas  
James Jefferson Miller  
Teresa C. Goodman Pace  
Robert William Pecquet, Jr.

Dimitrios Sotirios Petras  
Peggy Bergeron Pitre  
Jerry Michael Pitts  
Khan Rafiqur Rahman  
Antonino Riccobono  
Jamel Eddine Rouis  
Abdul Khaliq Sageer  
Roy Milton Schmidt III  
Gary Blakeslee Smith  
Joseph Lurette Thibodeaux  
Rhea Cecil Vincent  
Charles Wayne Vollman  
Badrul Shah Wan

**1986**

Georges M. Abboud  
Antoine Elie Abou-Rached  
Rosnani Bt Ahmad  
Jamal Mazhar Alazmeh  
Zahi Ghazi Anabtawi  
Gaby William Boutros  
John Furr Bowie  
Hooi Tatt Cheah  
Ched Louis Dantin  
Pak Onn Foong  
Mark Phillip Guarisco  
Hassan Anis Hilal  
Timothy D. Keeler  
Lynn A. Burdorf Keller  
Thaddeus Stanley Kowal, Jr.  
Michael Frederick & Denise Levert  
Monther Shawkat Madanat  
Sibel Pamukcu Makena  
Sitaram Patrudu Makena  
Alkazim Mansoor  
Mark Martinez  
Keith Edward Norwood  
David Warren Overstreet  
Michael Randall Pelkey  
Hani Ahmad Qalagi  
Steven Edward Sanders  
Thomas Joseph Severs  
Naresh Singhal

**1987**

Georges Armand Baudrand  
I. Gokhan Baykal  
Kevin Gerard Berthelot  
Shane Michael Breaux  
Patricio Alejandro Carrasco  
Luis Felipe Cordoba  
John William & Rosemary Davidson III  
Dale Alan Duhon  
Jerry Wayne Dunn  
Robert Allen Foret, Jr.  
Stephen Wade Glascock  
Noor-Aisah Bte Haji-Tawab  
Nikhil Kumar  
Oracio Riccobono-Long  
Joseph Peyton Ross  
Scott Robert Schultz  
Thomas Baker Smith  
Keng Chong Soo  
Scott McDougald Sutton  
Hon Lim Tan

**1988**

Kamaruzama B. Abdmajid  
Sarah R. Alston  
Kah Hoe Chan  
Lee William Forbes  
Elizabeth Ann Krousel  
David B. Kurjan  
Dana Anne Lawton  
Eng Tee Low  
Nazri Bin Matisa  
Gregg Allen Putnam  
Thomas Menefee Wafer  
Hoe Huat Woon  
Yusita Mohd Yusof

**1989**

Akram Y. Abuodeh  
Douglas J. Adelman

Kishore Arora  
John Mark Erwin  
Melissa Boniol Glascock  
Courtney Lynn Gonzalez  
Jeffrey Scott Greenwell  
Sanjay Kant Jain  
Mark Benjamin Kelley  
Grant Edward Knochenmus  
Mun Hoe Phang  
Mahmoud A. Younis

**1990**

Charles Arthur Caplinger IV  
Yie R. Chen  
Chee Chiong Chew  
Michelle Marie Frey  
Phillip Grasso  
Mary Robin James  
Robert Dale Lee  
P. Denise Radaich  
J. H. Randolph  
James Calvert Robinson  
David Mason Ruhl  
Donna Gail Skipper  
Halah Moustafa Voges

**1991**

Nasser S. Albartamani  
Phillip Ivan Blake  
Rick Olan Drumm  
John Craig Duos  
John Scott Eggers

**1992**

Michael Hilliard Badeaux  
Bradley Eugene Bates  
Johnny Wayne Bordelon  
Rittirong Chardenpap  
Donald Allan Collette III  
Craig Harley Corie  
Rebecca Grice Gault  
David Paul Hidalgo  
Srinivas Maddipudi  
Philip Murdoch  
Michael Scott Paulsen  
Cindy Marie Rotellini-Hall  
Yance Joe Stam  
Fang X. Yu

**1993**

William Dale Behan  
Jeffrey Michael Burst  
Carmen Chinchilla  
David Edwin Coffin  
Richard Gilbert Greene  
Laura Leigh Haynes  
Russ Joseph Joffrion  
Luke Eric Lebas  
Karen Anne Lofaso Nixon  
Michael Scott Shaw

**1994**

Samin T. Alper  
Akram Nimer Alshawabkel  
Naveen Chandra  
Pradeep Gopal Chaphalkar  
Richard Charles Galloway  
Anurag Gautam  
Mark Deymond Fugler  
Sheshadri Ghante  
David Moss Hodge  
Selvi Kongara  
Collins D. Lam  
Paysse Perrilliat McWilliams  
Candida Pizzolo Prejean  
Syed Abdul Qayum  
Radhika R. Reddy  
John Anthony Roques  
Jihad Deban Sabbagh  
Broutin Marcus Sherrill  
Michael Joseph Thibodeaux II  
Harish Thimmegowda  
Thaddeus Benton Thompson  
Anthony Ray Venson

**1995**

Chad Anthony Bacas  
Kevin Douglas Blunck  
Kevin Tyler Calhoun  
Robert Lee Foster  
Cynthia Ann Ticker Gallardo  
Cuneyt Gokmen  
Srinivasa Chakravart Gutti  
Jin He  
Ramesh Kalvakaalva  
Ravindra M. Kura  
Douglas Scott Morgan  
Brian Heath Sullivan  
Jingwei Wu  
Dong Zeng

**1996**

Helal Uddin Ahmed  
Byron James Becnel  
Surojit Bose  
Dr. Yong Chen  
Babur Deliktas  
Ky Anthony Doucet  
William Thomas Gentry III  
Margaret Anne Graham  
Maribeth Eileen Hamilton  
Robert Joseph Lear, Jr.  
Zheng Ning  
Toby Dyson Picard  
Stefan A Romanoschi  
Shobhina Singh  
Michael Lee Smith  
Ismail Henry Soewarto  
Mohd Raihan Taha  
Zhengzheng Tan  
El Hadji Ibrahima Thiam  
Lance Elio Thibodeaux  
Hani Titi  
Lisa Maye Woung

**1997**

Simten Altan  
Susan Elaine Bailey  
Indrashish N. Basuroychowdhru  
Rainer Echle  
Yunxiang Fan  
Johnny Bermudez  
David Alan Einsel  
Haoqiang Fu  
Joshua Timothy Hardy  
Joshua Yuda Harrouch  
Stephen Pence Heraty  
Rita Liano  
Jamie Michael McDonald  
Ryan Patrick Myers  
Md Fazle Rabbi  
Ronald John Rowansek  
Satya Jeet Sharma  
Brannon Todd Simar  
Rachel Anne Sullivan  
Stephen Edward Swindell  
Chandra Sekhar Theegala  
Benjamin Conrad Thomas  
Pim M. Van Schie  
Daniel Allen Wardle, Jr.  
Michael Douglas Waters  
Yansheng Xue  
Kidus Yohannes  
Chunlong Zhang

**1998**

Amy Elizabeth Armstrong  
Brian Christophe Baillie  
Kiley Fellow Bates  
John Randolph Bernard  
Jason Lavon Crain  
Drew P. Cullen  
Robert Joseph Degeyter  
John Q. Ehgott, Jr.  
Betty Sue Ellzey  
Robert Patrick Eskridge  
Steven Lloyd Gunter  
Yilmaz Hatipkarasulu

Daniel Brooks Helms  
William Ryan Hydrick  
Thanh Dung Lam  
Jeffrey Alan Leblanc  
Dean Leslie Muirhead  
James Paul Quackenbos, Jr.  
Rustin Joseph Roussel  
Asim Tufail  
Elba Alicia Urbina  
Cynthia Ann Wiley  
Kong Fuat Yau  
Richard Charles Zaepfel

**1999**

Koon Loon Chong  
Dane Shelby Coke  
Christopher Neil Dupre  
Nicholas Adam Fagerburg  
Elizabeth Ann Hood  
Yongqi Li  
Sriram Narasimhan  
Matthew Blake Olsen  
Sheronica Samolia Pinckney  
Diana Margarita Santander  
Chung Rak Song  
Kenneth Patrick Webster

**2000**

Eric Andrew Bollich  
Elizabeth Covington Fleming  
Phillip Adrian Gardner  
Jeffery Donald Guy  
Aaron Michael Kimsey  
Gabriel Cristobal Prats  
Tara Lea Seabolt  
Winton Brazil  
Praveer Kumar  
Gregoris Polygarpos Theodoulou  
Emily Tsaggari

**COMPUTER ENGINEERING****2000**

Raphael Kin Ying Hu

**CONSTRUCTION MANAGEMENT****1980**

David Douglas Campbell  
Terry William Costello  
Richard Lee Edwards  
Ronald Wayne Fuller  
John Dewey Gaiennie  
Jeffery Kendall Rathburn  
Barry Michael Siverd

**1981**

Christopher Benedict Beauvais  
Keith Daigle  
Manuel Dominguez  
David Scott Farrar  
Leston Joseph Juneau  
Keith H. Martin  
Wade David Richardson  
James William Roquemore

**1982**

Stacey Ann Ashby  
David Mark Brunson  
James Lawrence Cartier  
Judson Murdoc McLeod  
Jonathan Daniel Noel  
Stephen Arthur Page  
Steven Kelley Powell  
Patrick Jeffrey Sims  
Michael Singer  
Jeffrey John Skorich  
David D. Warren  
Bradford R. Young

**1983**

Richard Lee Bailey  
Michael David Brown  
Harrel David Huskey

Bernard Habib Karam  
Richard William Leiker  
Albert Christopher Schroeder  
James Emmett Vidrine

1984

Steven Douglas Afeman  
Greg Allen Flores  
Ruth Eileen Healy-Thompson  
Ellen Joy Heck  
Karl Randolph Herderich  
John Douglas Miller  
David Allan Moore  
Charles Fred Wareing  
Mikelyn Kaye Woodlock

1985

David Darrell Guidry  
Ronald Joseph Ory  
Chris Daniel Tunner

1986

Noel Edward Dauterive  
Wesley Brian Harkins  
Christopher Mark Kohlhaas  
Ronald Layne Lindsly  
Donald Joseph Lobue  
Ben McTyeire Segrest

1987

Craig Patrick Alphonso  
Ronald William Bernosky  
Charles Woodbury Blair  
Eric Stacy Burt  
John Campbell  
John Edward Eisman  
Brett Alan Johnson  
Myron Dennis Roberts  
Michael Stuart Wilson

1988

Ronald Joseph Barber  
Robert Alex Long

1989

Charles Arsene Perrilliat

1990

Glenn Joseph Moore

1991

William C. Bordelon  
Ron A. Brylski  
Paul Jason Ernst  
Emile Henri Guirard

1992

J. Richard David  
David O. Rabalais  
William Henry Robinson

1993

William Tindol Hamm  
Rene Franklin Loving

1994

Shawna Lynn Asbury  
Donald Clay Barden  
Jeffery Scot Bourgeois  
Ralph B. Dove  
George Gustave Griffin  
Stephanie Gail Heumann  
Doug Alfred Mauduit  
Scottie Joseph Melancon  
Benjamin Allen Russell

1995

Reginald Anthony Barbarin  
Philip Peter Chauvin  
Lee Christophe Mayeux  
Derrick Lasean Sanders  
Christopher G. Watermeier

1996

Scott M. Emonet  
Christie Michele Russell

1997

Shane Brandon DiCristina  
Jorge L. Goyco

Carlos Rafael Ortiz  
Elias G. Faraj  
Daryl Martin Williams Jr.

1998

Sean Bryan Blackburn  
Steven Michael French  
Jose A. Gonzalez-Pueyo  
Andrew Ryan Huisman  
Wade Edward Richey  
Henry George Saam  
Dorsey Lynn Thrasher

1999

Marc Bradley Buller  
Samuel Hunter Gray  
Mario Rene Risponde

2000

Christy Lynn Bradley  
Byron Carrera  
Benjamin Goodin  
Neil David Heitzmann  
Christopher Micheal Michel  
John H Moran  
Glendon Thomas Steady  
Myranda Leah Walters

2001

Jason Mclver Carroll

**ELECTRICAL ENGINEERING-  
COMPUTER ENGINEERING**1989

Tonya Ruth Pope

1990

Nhon Hien Dang  
Herbert Simon Heller, Jr.  
Tan Van Nguyen

1991

Alfred Peter Bossier II  
Mr. & Mrs. Michael Clement Gendron  
Minh Dinh Tran

1992

Elaine Kathryn Field  
Scott Michael Lear  
Braville J Leblanc  
Nguyen Hoang Nguyen  
Ashley James Phillips  
Kecia Elizabeth Wright  
Wayne Liyuan Yang

1993

Jeffrey Paul Blanchard  
Jason McBride Brown  
Richard Mark Caronna  
Patrick O'Neal Fedele  
Holly Ann Greene  
Paul Russell Hastings

1994

Mitesh B. Govin  
Jeffrey D. LeSage  
Francisco Miguel Matus  
Beth Ann Parker Matus

1995

Terry Paul Acosta  
John C. E. Bardwell  
William M Drout  
Larisa Dvorzak  
John Daniel Eiswirth  
George Badger Faircloth III  
John Conrad Hellman  
Loan Thi Nguyen  
Caesar Julius Sedek  
Dinesh G. Sthanki

**ELECTRICAL ENGINEERING**1980

Shahab Alvandi  
Paula Ann Beeson  
Edward Joseph Brassat  
Amitava Chatterjee  
Arthur Ralph & Melissa Cooper

Eric Ensenat  
Elias G. Faraj  
Kenneth Theodore Franklin  
Jefferson Paul Galliano  
James Donald Hightower  
Ben Allen Knight  
Vincent Ray Laborde  
Jaleh Komaili Mehrad  
Stephen Edward & Holly Miclette  
Siroos Panjehpour  
Lisa Laminack Pfister  
Gary Wayne Phillips  
Andrew L. Pobrica, Jr.  
Helena M Purgatorio  
Michael Dean Reed  
Major William Gasaway Reese III  
Roland J. Rousselle  
Fereidoon Saeedipoor  
Walker Brook Samuel  
Michael Stephen Seither  
Jamie Rex Serio  
Ramon Antonio Vargas  
Carolyn B Walker  
Theodore Eric Weber

1981

Michael Alton Bergeron  
Ernesto Bricenoquintero  
Eric Edward Campos  
Linda Jean Cordell  
Mark Foster Goldberger  
Timothy Alan Griffin  
Mohammad Hejazi  
Thuong Hung Hoang  
Tracy Jay Leblanc  
Vernon Gregory Ledford  
Mathew Paul Lorrain  
Ralph Lee McDaniel III  
Jimmy Lynn Miller  
Mohammadre Moghaddam  
Firoozeh M Nabavian  
Kenneth Alan Poteet  
Stephanie Lynn Stengl  
Mehrnaz Tohid  
Paul Gerard Villarrubia  
Suzanne Laverne Walker  
Mohammad Mehdi Zadsham  
Mohammad Zeiaepour  
Daniel Arthur Zumalt

1982

Begrooz Beheshtian  
Kirk Thomas Blackwood  
Sid-Ahmed Bounoua  
Jamal Ramadan Burkey  
Guy Pierre Delhalle  
Abdoljalil Farhoudi  
Michael Edward Garbus  
Gordon Marcel Gegenheimer  
Robert Houston Hamilton III  
Andrew Paul Haskins  
Jerry Lynn Houghton  
Robert Lee Hutchins  
Nader Kafai  
Jaleh Komaili  
Thomas Stewart McClendon  
Mark Fredrick McCulla  
Daniel Chitak Mok  
Kevin L. Moore  
Ignatius Joseph Morales, Jr.  
Howard Edward Naquin, Jr.  
Marcus Alan Nauman  
Jeffrey Mark & Nancy O'Neal  
Michael Addison Porche  
Marc Daniel Richard  
James Michael Robinson  
James Michael Robinson  
Rick Lang Sharp  
Gholamreza Vakilzadeh  
Anna Lou Wang  
William Brian & Linda Wilson  
Mohan Yellayi

1983

Haitham Hussein Akkary  
Rene Luis Cea Alegria  
David Paul Alley  
Francisco A. Alvarado  
Matthew H. Berent  
Thomas J. Best  
Douglas Lee Brewer  
Thomas Russell Burns  
Mary Catherine Richard Byrd  
Paul Andrew Caylor  
Roy Lynn Durrett  
Hanna Boutros Fenianos  
Fatemeh Ghorbanofha  
Michael Patrick Harris  
Lee Frederick Hoffmann  
Howard Christopher Hudgins  
Robert Ward James  
Nanan Tjindrawasi Joehana  
Todd Michael Johnson  
Aaron Pike King  
Ignacio Andres Linares  
Dinesh Kamalakant Mahale  
Hollis Howard Martinsen  
Adrian Louis Meyer  
Lt. David Eugene Miller  
Humayoon Naseer  
Johnny Jim Pappas  
Bahador Rastegar  
Todd Joseph Roy  
Jihad Mahmoud Sabra  
Clifton Weatherby Sanchez  
Thomas John Schech  
Stuart Nathan Schwartz  
D. Scott Silver  
Gregory Thomas Smith  
Charles Joseph Stevens III  
David Brian Talley  
Mohammad Ali Tavseer  
Marlene Marie Toomer  
David Brent Watts  
Luke Titus Young  
Mehdi Zamanian

1984

Daniel Anthony Altick III  
Mohamad Youssef Barada  
Karen Marie Guenther Brack  
Marilyn Paige Carney  
David Lee Chemin  
Xusheng Chen  
John Patrick Culver  
Kenneth Allen Delahoussaye  
John Scott Delapasse  
Mark Randal & Maribeth Dreher  
Wiley Ronald Dunn  
John Rodney Falgoust  
Stephen Paul Frederick  
James Ricky Guidry  
John Jacob Guth  
Albert Sidney Johnston  
David Leeland Jones  
Parviz-Ghaza Khorasgani  
Kar F. Lee  
Rabeeh Mahooti  
Corbett Austin Marler  
Mehrdad Mofiditabat  
Kun Moon  
Anh Tu Nguyen  
Son Ky Nguyen  
Vandan Huu Nguyen  
Vy Anh Nguyen  
Timothy Dwayne Phillips  
Captain Anthony Cato Pradia  
Khosrow Rafieei  
Mark Andrew Ritchey  
Enrique Alberto Soto-Gil  
Roger Joseph Sowada  
Andrew King Stafford  
Gregory Keith Svestka  
Leslie Claire Van Beek  
Richard Alan Van Beek

Mark John Walle  
Elias George Wehbeh  
Robert John Williams, Jr.  
Bahman Zamanian  
Parimal Ramniklal Zaveril

**1985**

Mahmoud Ali Attalla  
Hussein Youssef Barada  
Margaret A. Elgin Benefield  
Steven A. Beyt  
Ahmad Ilias Bin  
Holly Catherine Boston  
Bethany Eileen Carter  
Quoc Bao Chuong  
Dariush Darayan  
Eugene Frank Flores  
Herbert Max Hackett, Jr.  
Aubry Brown Harris  
Charles Alan Helm  
Tan Chang Hu  
Aini Hussain  
Steven Keith Jones  
Chung Sik Kim  
Kyeong Seop Kim  
Steven Michael Kuhlmeier  
Robert Frederick Lansing, Jr.  
Joseph Wongcheong Lee  
Lane J. LeJeune  
Michael Lam Luu  
Maurice Paul Martin  
Christopher Paul Mayeaux  
Deanna Lynn McBride  
Kenneth Earl McGraw  
Russell Duncan McLaren  
Aswin N. Mehta  
John Anthony Miller, Jr.  
Phuong James Nguyen  
Vi Anh Nguyen  
Darren Anthony Palermo  
Shopen Madhusudan Patel  
John A. Perez  
Madeline Claire Robert  
Reza Roozitalab  
Robert Preston Rosamond  
Aloke Roy  
Karen Elizabeth Shamburger  
Ko-Ming Shih  
Yongkun Sin  
David Philip Sunseri  
Tim Earl Swihart  
Kenneth Tallo  
Johan Tanuwijaya  
Keh Leong Tee  
John Michael Terhoeve  
Siong Li Ting  
Robert Herbert Toerner  
Van The Tran  
Dhiraj Popatlal Visaria  
Ha Van Vo  
Dean Gustav Vogel  
Hui Yau Wai  
Timothy Alan & Cheryl Warren

**1986**

Jane Yanira Abullarade  
Amro Mohamed Alawady  
Lakshminara baba Arimilli  
Abdul Halim Baba  
Randall Edward Barton  
Khier Benmahammed  
Prentiss Ray Berry  
Irvin Eugene Branch III  
John Jeffrey Brignac  
Husam E. Charaf  
Michael Ernest Fox  
Ghaleb Mohammed Ghaddar  
Khorasani Parviz Ghazavi  
Teleah Marie Grand  
Phuoc Dinh Hoang  
Norman Howse III  
Chi Chung Huang

Kazi Ahmed Irfan  
Hamid Reza Jafari  
Gregory Lynn Jones  
Alejandro R Karbo  
David B. Kling  
Kevin David Kuehne  
Paul Douglas Layton  
Kangyu Jason Lo  
Carlos Alberto Lodeiros  
Norzam Bt Mahmood  
Pedro Daniel Martin  
Fernando Napoleon Martinez-Gomez  
Alena D. Gilin McDuff  
Thanaraj Narkmon  
Khian Ee Ng  
Chuong Huu Nguyen  
Dai Huu Nguyen  
Hai Ngoc Nguyen  
Lam V. Nguyen  
Lich Than Nguyen  
Thaiduc Tu Nguyen  
Mickey Jay Patton  
Shekoufeh Qawami  
Hamid Rangchi  
John Paul Ritter  
Dana Mary Robichaux  
Mohd Sobri Saleh  
Jorge Eduardo Sandino-Pereira  
Shahryar Sarkani  
Yen Huei Shei  
Chris John Simoneaux  
Karen Lynn Strawn  
Nadine Rose Perkins Toliver  
Vernon Edward Troups III  
Lonny James Trahan  
Elvis Tracy Tucker  
Michael Guye Willis  
Russell Flinn Yeager  
Edward Yee  
Bing Yu  
Dzulkefli Bin Zainol

**1987**

Rosnizah Abdmanaf  
Noor Aizan Abdul-Rahim  
Fatina Abdullah  
Imad Halim Abed  
Rami Mahmoud Ahmad  
Iesa Husain Ali  
Samuel Valentino Allen, Jr.  
Seher Azazi  
Arthur John Barrios  
Paul William Berndt  
Derrick Neal Bostwick  
Wade Adam Bourque  
James Robert Brabner, Jr.  
Bruce Edward Buchanan  
Kenneth Wayne Buck  
Paul Elliot Callaway  
Russell Kurn Cedarleaf  
Thomas Erwin Chabreck  
Haitham M. Chreiteh  
Paul Earl Couvillon  
Carl Eugene Dautenhahn  
William Reginald Dawes, Jr.  
Umesh Ramesh Dhond  
Imed Elafrit  
2nd. Lt. Michael Gerard Farrell  
Edward Ned Francois, Jr.  
James Mooshi Gevarges  
David Wayne Guelfo  
Mohamad Riad Hamawi  
Bassam Ahmad Harb  
Elizabeth Catherine Hebert  
Vincente Ninh Hoang  
Gerald Wayne Hubbs  
Jamal Tawfiq Husein  
Safaa John Issa  
Chul Kim  
Joseph Eraste Labauve, Jr.  
Raoul Joseph Laurent III  
Chia Choon Lim

Gim Mui Lim  
Stephen Francis Ludington  
Jorge Enrique Martin-Meza  
Freidoon Mehrad  
Bassam A. Mekari  
Mark Hardin Moss  
Hajar Muhamad  
Cung Quoc Nguyen  
Louis Frederick Pyle, Jr.  
Jeffrey Gordon Roberts  
David Troy Ross  
Gina Francis Saifullah  
Salvador Ernesto Salazar  
Wara Sattanuparp  
Brendan Nelson Schaffer  
Hyun Yong Shin  
Damon Paul Smith  
David Kwaein Tan  
Mui Lin Tan  
Kok Leong Thoo  
Richard Henry Torres  
Pablo Nghiep Tran  
Zacharias George Zachariou

**1988**

Guillermo Emilio Aldana  
Jerry Mark Ashford  
Jason Jerome Barbera  
Ricky Ray Bogard  
Thien Van Chu  
Alfonso Policarpo Croeze  
Mark Andrew & Elisa Curole  
Gregory Wayne Dismukes  
John Keith Duke  
Kerri Anne Folse  
Monique G Fraher  
Diego Ralph Gonsalves  
Marwan Hajsaid  
Donna Sue McMahan Hansen  
Sobhi M. Harb  
Wayne Jude Hawkins  
James Bryan Jones  
Walid M. Kamaleddine  
Nhuchi Thi Khong  
Thuan Nhu Khong  
Monty Blane Lacour  
Xiaozhu Elizabeth Li  
Vijaylakshmi K Malani  
Ajay Misra  
Ashutosh Shashi Mujumdar  
Hong Kim Nguyen  
Kevin Quang Nguyen  
Son Bang Nguyen  
Michael James Nicholas  
Allen Joseph Pertuit  
Randy Hiep Pham  
Betty Marie Polak  
William Page Pully  
James Edward Redding  
Mary E. Reiner  
Beth Ann Ronquillo  
Hartono Salim  
Roch Edward Seibert  
Salim Shaker Shaker  
Brian Steve Smith  
Yasser Abdallah Sowb  
Minh Van Tran  
Toan Anh Tran  
Steven L. Varnado  
Alexander George Vlacos  
Douglas Thomas & Erin Woolworth  
Talane Serop Yerezian  
Nor Azalia Zainuddin

**1989**

Ghayda Hassan Abou  
Hassan Salman Alhajji  
Yasser Ihsan Alhayek  
Denise Rose Arceneaux  
Hassan Reda Barada  
Carlos Albeiro Barragan  
Becky Sue Beshenich

Henry William Bishop  
Robbi Darlene Burchard  
Hooi Chen Chuan  
Thomas David Coyle  
Hassan Mohamad Dabiz  
Hoa Dinhh Dang  
Thomas Maurice Dantin  
Sara Elizabeth Delk  
Jacques Pierre Dufrene  
Walid Khaled Elakkaoui  
Burhman Qullen Gates, Jr.  
Josaphat Supra Handoko  
Chad Nicholas Heinen  
Hal Robb Hopson  
Mark Alan Hughes  
Rajesh Iyer  
Archana Kumari Jindia  
Todd Michael Judice  
Young Chun Kim  
Hyechong Ko-Mehrad  
John Dyer Laflaur  
David James Lavie  
Wai Hon Li  
Charles Anthony Lipari II  
Nitin Raghunath Mahajan  
Patrick Wayne Martin  
John Wayne Martinez  
Charles Lavelle Miller  
Steven Asbury Miller  
Steven Paul Montalbano  
Shekofeh Naghshineh  
Vilva Natarajan  
Matthew Clay Nelson  
Hao Manh Nguyen  
Su Quoc Nguyen  
Richard Earl Nichols  
Zoila A. Martinez Ortiz  
Lynnette Oleson Pitts  
Poornachandr B. Rao  
Richard Edward Roy  
James Alan Rushin  
Arvind Singh Sabharwal  
John Gregory Sample  
Joseph Davis Sonnier  
Michael Claude Stephens Jr.  
Marcel Antoine Tassin  
Stuart Alan Thompson  
Troy Anthony Troclair  
Jose Edgardo Vides  
William Robert Vincent

**1990**

Nabil Ahmad Abukhader  
Jorge Antonio Abullarade  
Riaz Moin Ahmed  
Andrew David Artigue  
Christina Lynn Bailey  
Jerry Paul Brignac  
Daren Nicholas Burridge  
Michael John Chauvin  
Bryant Wayland Conway III  
Phuong Ngoc Dinh  
Raddi M Elmogazi  
Brett B. & Monica Faulk  
Daniel Albert Foret  
Kanchan Ghosh  
Lisa Simone Grayson  
Bradley Mason Harrington  
Paul Hernandez  
Sandra Leigh Holmes  
John Patrick Johnson  
Phi Chi Ly  
Mohammad Reza Madani  
Dennis Mitchell McCain  
Michael R. Mehta  
Youval Moyal  
Bao Hien Nguyen  
Cong Thanh Nguyen  
Ngoc Duc Nguyen  
The Huu Nguyen  
Herman Gerald Olivier  
Dr. T. Dwayne Phillips

David Whitney Poche  
 Brian Michael Reynolds  
 Margaret Ruth Riley  
 Richard J. Shepherd IV  
 Clinton Preston Smith  
 Dane Corey Strickland  
 Samuel Handojo Sutanto  
 Christopher N. Tran  
 Long Phi Vo  
 Yao-Jung Yang

**1991**

Nizar Aref Abed  
 David Thomas Anderson  
 Joseph Gomer Anding  
 Kenneth D. Bassinger  
 Hoang Michael Bui  
 Russell Austin Burleson  
 Abdulazeez M. Chollampattu  
 Glenn Kelvin Cowden  
 John Steven Dartz  
 Warren William Day  
 Joseph Francis Demay, Jr.  
 Robert Lawrence Diehl  
 Charles E. Dowling  
 Laura L. Frey  
 Ravikumar Gopalakrishnan  
 Wei Guo  
 Arun Hampapur  
 Troy Lee Helprey  
 Lloyd David Hernandez II  
 Bhanukuma Rudrappa Hosangadi  
 Richard Charles Jarred  
 Mujib Ahmed Khan  
 Jerry Peter Knight, Jr.  
 Joseph Shehade Kobty  
 David Michael Lirette  
 Patrick E. McAdam  
 Donald Alozo McDuffy  
 Nilay Mitash  
 Robert Neil Mumphy  
 Bak Seng Ng  
 Luong Manh Nguyen  
 Phong Tran Nguyen  
 Tho Van Nguyen  
 Frederick Wayne Olison  
 Can Ngoc Pham  
 Thac Duc Pham  
 Tri Dung Pham  
 Tuan Minh Pham  
 Thanistha Phrasavath  
 Francisco Miguel Salume  
 Shane Scott Savoy  
 David Lee Schulte, Jr.  
 Anthony Hao Tran  
 Danny Tran  
 David Tran  
 Quang Trong Tran  
 V.S. Subramanya Turimella  
 Manoj Chimanlal Vachhani  
 Hung Phi Vo  
 Luan Huy Vu  
 Xiaocong Zhang

**1992**

Ehren Thomas Achee  
 Thomas Robert Adkins  
 Yahya Mahmoud Ahmad  
 Sekhar Chan Ananthakrishnan  
 Steven Paul Babin  
 Craig Matthew Banker  
 Sharon Anita Baunchand  
 Nupur Bhattacharyya  
 Nguyen K. Dinh  
 Alexander Eluf Dormoi  
 Christopher Adam Freehill  
 Jeffery Phi Huynh  
 Vijayakumar Avinas Kandaswamy  
 Ajay Khater  
 Gerald Wayne Klock  
 Phong La  
 Xinhang Liu

Joseph John Lo  
 Suzanne Lynette Lott  
 Charles Robert McBride  
 Mark Scott McCollister  
 Todd Wayne McMichael  
 Timothy Dwight Miller  
 Marc Jacob Morello  
 Anand Padmanabhan  
 Ernest Sherwood Pilgrim  
 Victor Kent Rabalais  
 Jacky Roy Ratcliff  
 Vijay Purigali Ratnam  
 Santanu Ray  
 Shannon Elizabeth Ryan  
 Joseph Larry Schlatre  
 Indu Sharma  
 Daniel John Stelly  
 Jie Sun  
 Sendianto Sutikno  
 Cesar Vargas  
 Luis Vera  
 Hanh Van Vu  
 Ray Joseph Waguespack, Jr.  
 Daniel Xiaolei Wang  
 Dapeng Xiong  
 Liu Xu  
 Charles Jianjun Zhang  
 Hao Zhou  
 Ying Zhu

**1993**

Ronnie Antone Bean  
 Harold Stephen Crisler  
 Michael Wayne Glenn  
 Malcolm Spencer Gordon  
 Matthew Ray Harrington  
 Scott Anthony McMickens  
 Bradford Jay Perry  
 Justin P. Porter  
 Ulrich Anton Scholz  
 Jorge L. Seane  
 Alankar Tayal  
 John Harold Upshaw

**1994**

Winston Kaufi Awadzi, Jr.  
 Sitaraman Balakrishnan  
 Benjamin Alan Balsler  
 Pushkar Vasudeo Bapat  
 Anu Shabnam Goel Bourgeois  
 Mike S. Brashear  
 Richard Daniel Burke  
 Christopher John Chapman  
 Thomas A. Chenot  
 Jocelyn Mangoba Concepcion  
 David Thomas Cuccia  
 Dana Louis Hanning, Jr.  
 Shahryar R Irani  
 Xuefeng Jiang  
 Zakaria Mahmood Khwaja  
 Ali Kozak  
 Venkatapathy Krishnan  
 Frederick Russell Landry  
 Jacques Leblanc  
 Lex Anthony LeBlanc  
 Gyoo Cheol Lee  
 Yueji Li  
 Ting Lu  
 Mark Christian Monceaux  
 Phillip Mondebello, Jr.  
 Steven Dale Moore  
 Ashish Narayan  
 Loc Huu Nguyen  
 Thomas Truc Nguyen  
 Jennifer Grace Noland  
 Balbir Sanjay Pal  
 Ravi Parthasarathy  
 Burjiz Pithawala  
 Joseph Roland Poirier  
 Charles Daniel Robertson  
 Mauricio Jose Rodriguez  
 Kurt Andrew Schwind

Cherryl Hasmukh Shah  
 Douglas Patrick Snead  
 David Eric Sterken  
 Vivek Subramanian  
 Raymond Edward Turner  
 Matthew Joseph Wehner  
 De-Gang Yao

**1995**

Nihal Bayraktar  
 Julio Alejandro Campos  
 Hyder Julio Carmo  
 Sung Wei Chou  
 Darryl Hugh Clark, Jr.  
 Catherine Mary Dubret  
 Thomas Houston & Beth Hamilton  
 Holland Carlos Hernandez  
 George Brian Hickman  
 Haoling Huang  
 A-Hamid Ahmad Janahi  
 Scott Alex Johnson  
 Serge Philippe Lussier  
 Phuong Ngoc Mai  
 Kevin Thomas Marks  
 Marwan Mohannad Marouf  
 Marlon Traveled Marshall  
 Sean Edward McCurry  
 Ronald Joseph Morris  
 Jiawei Ni  
 Steven Jerome Oubre  
 Mitchell A Parent  
 Derrion Lamoyne Polk  
 Joseph Francis Rabalais  
 Mitchell Lane Rushing  
 Douglas Joseph Smith  
 August Joseph Tassin  
 John E Thomassee, Jr.  
 Marios Tjiapouras  
 Ian Roberto Uriarte  
 Boming Zhao

**1996**

Damon Anthony Bush  
 Aydin Cetin  
 Yih-Chyi Chong  
 Varnavas A Christodoulou  
 Nicholas Henry Collins III  
 Islam Ali Derhalli  
 Donovan Edwin Drewes  
 Paul Wayne Edmundson Sr.  
 John Carl Emmert  
 Christopher Wayne Farrar  
 James Kirk Gremillion  
 Patrick Niel Hilgendorf  
 Ulli Hoffman  
 Shih-min Hsu  
 Christopher Huynh  
 Charlie Joseph Kordani  
 Rory Joseph & Shannon Loupe  
 Eric A. Michiels  
 Teresa Ann Miller  
 Ismail F. Muqualled  
 Sanjay Nair  
 Christy Lynn Orona  
 Keith Adam & Lisa Perkins  
 Minh Nguyen Pham  
 Shawn David Pierson  
 Brent Allen Reppond  
 Daniel J Richard, Jr.  
 Kelvin Paul Severin  
 Shah Nawaz Shaikh  
 David Wayne Stout  
 George Oliver Thomas  
 Cesar Vargas-Rosales  
 Robert Stanley Walker  
 Zhong Kun Wang  
 Hongxi Wei  
 Han-Son Yong

**1997**

Dr. Behnam Seyed Arad  
 John William Archambeault  
 Latasha Methina Bradford

Xinjia Chen  
 Earl Peter Farragut  
 Jason Paul Gaidry  
 Jing Huang  
 Waukesha D. Jackson  
 Kihong Kim  
 Xinbing Li  
 Randal James Lindner  
 Nathalie Patricia Luke  
 Derek Dupree Magness  
 Udaya Kiran Kumar Manchikatla  
 Jerry Arthur Nance  
 William Eugene & Gabriella Powell  
 Raul Rojas-Pena  
 Robert Leonard Schaff, Jr.  
 Narayanan Subramanian  
 Kun Won Tang  
 Sreenivas Tejomurtula  
 Costas Aristide Tjiapouras  
 George Nikos Tziortzis  
 William Chad Waldrop  
 David Widjaja  
 San Yen Wong

**1998**

Joseph David Anders  
 Xiang Chen  
 Zheng Ding  
 Belal Nabil Fayad  
 Suruchi Gera  
 Peshing Darrow & Allison Gervais  
 Jian Huang  
 Merten Jung  
 Sittachai Kittidhrakul  
 Yunpeng Li  
 Huitao Liu  
 Brandon Alan Moffett  
 Chris Mohr  
 Theresa Mila Suchocki Mouton  
 Mukund Narasimhan  
 Jimmy L. Phillips  
 Farzad Pouralborz  
 Lonnie Preston Shelton, Jr.  
 Chandramouli Venkatesh Srinivasan  
 Leonard Stewart  
 Cynthia B Stroscher  
 Ronald Bruce Taylor  
 Daniel Wildhaber

**1999**

Yazan Mohid Towfig Al-Issa  
 Krishna Sai Bernucho  
 Robert David Burford  
 Tung Beng Martin Chan  
 Pei Meng Chang  
 Wei Chen  
 Pedro Anibal Constanzo  
 Mohamed Hosni Elithy  
 Rebecca Michelle Fisher  
 Jacques Emile Huard  
 Lajon Jordan  
 Amy Elizabeth Lane  
 Scott Anthony Langlinais  
 Samuel Robert Ledger  
 Tze-Kang Len  
 Sang Won Park  
 Janifer Suzanne Powell  
 Luis Joseph Scott  
 Chia-Han Shih  
 Michael William Stumpf  
 Eng Kiang Teo  
 Merville Weston Treigle III  
 Mingchun Yang  
 Wensheng Yang  
 Weihong Zhu

**2000**

Chee-Kean Chan  
 Kristopher D. Chelette  
 Natasha Marie Frank  
 Jeffery James Gauthier  
 Meenakshi Gnanaguruparan  
 Ka Tek Hon

Jason Elliott Hughes  
Srinivas Jammula  
Ravikiran Kandikonda  
Wu Liu  
Michael Thomas Mcdaniel  
John M Mouton  
Sanjay Palle  
Tiew Sien Ting  
Riley Eugene Wells  
Gopal Kumar Yogi

**2001**

Kui Cher Chua  
Mohammad Yahya Farooq  
Lijuan Li  
Wai-Leong Mook  
Harold Anthony North  
Vishwani Sunity Silochan  
Jingbo Wang  
Jinghan Yu

**ENGINEERING SCIENCE****1985**

Allen James Haydel  
Alexius Ogbusua Kalu  
Whoa Seug Kang  
Michael Andrew Lejeune  
Anong Tanchotikul

**1987**

Jean Tannous Alam

**1988**

Heon Hwang

**1990**

Seifollah Nasrazadani

**1994**

Sreeni Krishnappa  
Sarita Nippuleti

**1996**

Manjukiran Prasana

**2001**

Satish M Shetty

**ENGINEERING TECHNOLOGY****1983**

Glenn Daniel Bolner  
Stuart Philip Suffern

**1985**

Roger Cox Stringer

**GENERAL ENGINEERING****1986**

David Phil Turnipseed

**1989**

Kau Yong Hoang

**INDUSTRIAL ENGINEERING****1980**

Peter Roane LaSalle  
Martha Cox Lee  
Enrique R Maroto  
Estuardo A. Matheu  
James Paige Moody  
Utohware Emiemu Ozomaro  
Joseph John Scheibeler

**1981**

Steven Kent Compton  
Hamid Reza Dibadj  
Rita Marie Fletcher  
Abdelaziz Idrissou  
Martha Rose Trosclair Love  
Marten Lucien Nahar  
Steven Craig Perry

**1982**

Terri Venette Cage  
Donald Paul Cummings  
Gurkirpal Singh Grewal  
Jaime Javier Hooker  
Mario Jerez, Jr.

Judith Lynn Parks  
Ronald E Pontiff  
Maurice James Ripoll  
Julia Ann Sanders  
Nexio Argenis Severejn  
Kenneth Roy Speir  
Carlos Roberto Vanegas

**1983**

Gonzalo Ignacio Azpurua Penso  
Mark Steven Bacon  
Frank Barnaby  
Simon Cardenas  
Lily Micheung Chan  
James Gregory Gayle  
Lt. J.G. Stephen Joseph Glaser  
Juan Ramon Guzman  
David Ernesto Jiron  
Percy Franco Lidback  
Jaime Dario Mayz  
Nolan Michael McCoy  
Alba Marisela Pomenta-Bravo  
William Kenneth Sales, Jr.

**1984**

David A. Aceves  
Rafael Camacho Alfaro  
Vanessa Templet Babin  
Cecilia Temponi Badell  
James Luther Dayton  
Gerard Loring Donald  
Stephanie Lynne Engels  
Paul Gabriel Hurst  
Minping Jiang  
Gerardo Miguel  
Craig Lester Tetrick

**1985**

Carlos Jose Arguello  
Guillermo S. Belloso  
Hani Adib Bidaoui  
Jorge Isaacs Conte, Jr.  
Scott Anthony Dunlap  
Adel A. Elsayegh  
Clement Marshal Fernandes  
Nat Khemakavat  
Marilou Deato Mapua  
David Mitchell & Cecilia McKee  
Cecilia Jorge McKee  
Paul Taylor Otis  
Juan Carlos Salem  
John Miguel Seheult  
Susana Janet Tomadin  
Jaime Patricio Velez  
Walid Toufic Zahalan-Redwan

**1985**

Carlos Jose Arguello  
Guillermo S. Belloso  
Hani Adib Bidaoui  
Jorge Isaacs Conte, Jr.  
Scott Anthony Dunlap  
Adel A. Elsayegh  
Clement Marshal Fernandes  
Nat Khemakavat  
Marilou Deato Mapua  
David Mitchell & Cecilia McKee  
Cecilia Jorge McKee  
Paul Taylor Otis  
Juan Carlos Salem  
John Miguel Seheult  
Susana Janet Tomadin  
Jaime Patricio Velez  
Walid Toufic Zahalan-Redwan

**1986**

John Mitchell Badeaux  
Juan Nolberto Carrasco  
Edgar Georges Cartenian  
Enrique Francisco Dominguez  
Jamilet Coromoto Dupuy  
Fernando Jose Escribens  
Susan Eileen Lauman Estopinal  
James Robert Gibson  
Leo Franklin Harlan, Jr.  
Alonso Martin Lacayo  
Gustavo Jose Marciano  
Shigeharu Matsumoto  
Phillip Wayne Melancon  
Lauren Lynn Morovich  
Mohamed Zouhair Nabih  
Venkatesh S. Nadamuni  
Jorge Antonio Rodriguez  
Suresh Rao Tammana  
Ralph Joseph Upton  
John Richard Weaver  
Susan Thornton Wilson  
John Maurice Woodhatch  
Deyanira Antonia Zerpa-Moran

**1987**

Selva Azazi  
Shukri Yousef Batshon

Deborah Alford Boleware  
Troy Michael Bourgeois  
Alexi Cedeno

Justino Antonio Centeno

Mahmoud Nabih Dalal

Terrence Patrick Flaherty

Ulric Crispin Johnson

Derek M. Kiminta

Daniel K. Kouame

Anil Mohan Lal

Carlos E. Mendez-Santama

Ray Joseph Millet

Tamer Hasan Ozmen

Mustafa Ozmeral

Arturo Reboredo

Terri Denise Smith

Ilka Tovar

Holly Purcell Holstead Upchurch

Celeste Marie Villemarette

Fadzlon Mohd Yusoff

**1988**

Aishah Hanim Ahmad

Khatijah Ahmad

Azlan Abu Alnoah

Irasema Barrios

Robert Bruce Combs

John Herbert Danos

Peter Mitchell Does

Richardo Franco

Ravindra Kisandas Gujar

Javed Hasan

Jesus Fuad Hasbun

Noraini Bte Ishak

Kamarul Hisham Kamarudin

Diane Marie Kwiatkowski

Marcel Robert Martin

Rodolfo Matamoros-E

Hafziation Bt Mdizazi

Eduardo Jose Perdomo

James Leonard & Rhonda Planchet

Jorge Santaella

Zofriah Medina Summer

Howard Wade Thomas

Ruben Jan Timmer

**1989**

Francisco Antonio Abularach

Majid Majd Asgari

Richard Cloyd Boleware

Alberto Borja

Paul Allen Burrignt

Maria Eugenia Caldera

Harold Frank Demmer

Daniel Luis & Desirea Gutierrez

Jose Mauricio Hasbun

Kevin Joseph LaBauve

Salvador Llort

Marcos Vinicio Rosales

Edward John Simons

Charles R. Timmermeyer, Jr.

**1990**

Mark Stephen Bond

Robert Charles Chapleski

Chamadol Chomchergmpat

Scott David Henley

Chon K. Lum

Sigifredo Ochoa

Carrie Lynne Hart Sorrelles

Jose Fajardo Zambrano

**1991**

Mohammed A. Akasha

Keith Anthony Babin

Paul Eric Blouin

Melissa Ann DeJean

Thomas George Mancuso, Jr.

Udayan Mukherjee

Gyana R. Parija

Subhash Ramachandran

Subha Selvan Ramiah

Jayanth G. Subramanian

Michelle D. Sullivan  
Nadeem Pyaresahab Syed  
Bezer Edgard Tertero

**1992**

Ricky Dale Allen

Sandeepan Banerjee

Bryan Keith Benbow

Prasad V. G. Boppana

Charles Wayne Carroll

Feng Chen

Robert Spencer Crockem

Jose Dossantos

Uyvonne Rene Edmonds

Cesar Augusto Garcia Lozada

Nilay Guha

Akio Jesus Arai Higuera

Sergio Mauricio Larios

Claude John Lips, Jr.

Vijayanand Ramanathan

Kasthuri G. Rangan

**1993**

Chad Mitchell Darmond

Carmelita Michelle Ervin

John Richard Juneau, Jr.

Angela Shawnette Parker

Tony Dale Tullier

**1994**

Ronnie Allen Burris

Tanveer A. Chaudhry

Lianjiang Chen

Janina Elisa Coindet

Brenda Doming Eason

Mr. & Mrs. Brian Michael Fiegel

Mary Elizabeth Wagener Gutweiler

Hong Huang

Ermayati Martha

Ricardo Alberto Sierra

**1995**

Zack Stephen Baudoin

Pamela Anne Delvaux

Cassandra Michelle Dillon

Blake Ronald Heymann

Troy Paul Jeansonne

Winston Seog Seog-Won Lee

Stanley Ramon Losilla

Serge Razafindrakoto

Emerald Michelle Roider

Miguel Antonio Zabaneh

**1996**

Khalid Ismail Baig

Annette Beauperthuy

Michael Paul Cavalier

Jonathan Edward Costello

Angel Michelle Curry

Leslie Janira Mislá

Mukarram Mohammad

Alfonso David Ortega

Juan Luis F. Sotelo

Marcela Vargas

**1997**

Charles Richard Anderson III

Manish Budhwar

Juan Carlos Camacho

Walter R. Carcamo

Qing Chen

Christian Cuadra-Chamorr

Sunny Rae George

Brandon James Hoff

Gary Lynn Kerr

Damin Li

Brad Joseph Neyle

Nicholas Rakigijja

Irene Schenstrom

Jin Keat Tan

**1998**

Manuel A. Alvarez

Constantino E Antoniadis

Nikki Delane Bourg  
Leo Yamin Castellon  
Mahbubur Rahman Chowdhury  
Jason Edgar Dennis  
Jesse Marc Gagliano  
Eileen Marie Hoff Bo  
Khan Md Saiful Islam  
Sun-Ewe Lim  
Marco Antonio Lopez  
Adolfo Jose Lugo  
Juan Antonio Munoz  
Hyun-Joon Son  
Sandra Irene Tapia  
Ying-Fong Jason Toh  
Zhaohua Zhan

**1999**

Fernando Alvarado  
Jesus Arias-Varela  
Andres Calderon  
Hilary Nicole Clark  
Alejandro Crespo  
Nathaniel David Hartwig  
Karine Patricia Josien  
Thenk Lee Lau  
Gregory Joseph Lousteau  
Shawn Joseph Manimalethu  
Keith Allen Melancon  
Maria Vanessa Valdivia  
Dominique Melanie Van Dijk

**2000**

Mark Andrew Cosnahan  
Fernando Enrique Holmann  
Rene Morel  
Nicole Osorio

**2001**

Natalia Maria Suarez Zuniga  
Pilar Yangali

**INDUSTRIAL TECHNOLOGY****1984**

Karen Elizabeth Merritt Murtazani

**MECHANICAL ENGINEERING****1980**

Mohammad Haissam Baroud  
Gerard James Becnel  
Abdenour Belkebir  
Dung Huu Cao  
Peter Lowe Dixon  
William R. Ford  
Gary Lynn Harper  
Mitchell Lane & Janet Hindman  
Edgar Robert McNutt  
Thang Tat Nguyen  
Anake Pakarat  
William Michael Pitre  
Leslie Joseph Roussel  
Michael Joseph Scallan  
Colin Burke & Dierdre Selleck  
Milton William Stevens  
Charles Lucien Vivien, Jr.  
Jamie Dale Williams

**1981**

Robert Brian & Ellyn Atkinson  
Joseph Napoleon Bourgeois  
Donelson Ralph & Jo Caffery, Jr.  
Lt. Jay Arthur Escude  
John Stephen Gaudet  
Scott Bayley & Jennifer Gill  
Lyndon Wallace Graham  
Luong Ngo Ha  
James Kirkland Ham  
Cynthia Marie James Hines  
Dale Allen & Susan Jones  
Eric Joseph Krupp  
Stephen Francis Lloyd  
Koorosh Naghshineh  
Loc Phu Nguyen  
Peter Edmund Reese  
Wilgen Argeli Reyes

Mark Christopher Robicheaux  
Cary Michael Schroeder  
James Kendall Stich  
Massoud Seyed Tavakoli  
Thomas Robert Tinsler  
Michael Jon Ward  
William Conway Washburn

**1982**

Allie W Adams III  
Kazim Akber Ali  
Gholamreza Asgari  
Gerald P. & Cathryn Babin  
Masoud Barkat  
Charles Andrews Burfoot, Jr.  
Jeffrey Paul DeBessonet  
Kamran Delavarpour  
David Andre & Leslie Gautreaux  
Leila Gosselink  
Mark Allen Hachtel  
Patricia Ann Haynes  
Michael James Lafleur  
Carl Lamprecht  
Grant Gerard Landry  
1 Lt. Carl Joseph & Jennie Lebeau, Jr.  
Joseph Paul Maciejczyk  
Michael Andrew Martin  
Ray Charles Mayet  
Lucie Kay O'Quinn  
Paul Randall Penouilh  
Michael Thomas Pizzolato  
Carlos Migual Rivero  
Richard Louis Salario  
Lisa Bea Smith  
David Frank Snooddy  
Christopher W. Steck  
Anthony Raymond Tramonte, Jr.  
Kenneth Edwin Vanamringe  
William Emil Wickman  
Moustafa Khuder Zahra

**1983**

Hossein Aghakasiri  
Mohammad Reza Alavi  
Lloyd Joseph Arboneaux, Jr.  
Ramneek Bhasin  
Chris James Chouest  
Frank James Dillon  
Gajendra Singh Dixit  
Wallace Edward Evers  
Gregory Gordon Garland  
Michael Paul Gloven  
Gilbert Jay Groendyke  
Mark Charles Gross  
Timothy Paul Haese  
Jeffrey Todd Heitler  
Geow Fook & Rebecca Heng  
Carl Richard Hillman, Jr.  
Truc Quang Ho  
Bashir Akber Jessa  
Ned Timothy Kinler  
Karen A. Leblanc Lafleur  
André Pierre LeBlanc  
Dana Gay Lee-Levine  
James Michael Lommen  
Henry Allen & Mitzi Long, Jr.  
William Kelly Martin  
Robert Alan McMillan  
David Franklin Moffatt  
Syed Gulam Mohammad  
John Jefferson Mundell III  
John Henry Ory, Jr.  
Jorge Eduardo Porro  
Hossein Rahgozar  
John Marius Robert, Jr.  
Hossein Roshan Sadeghpourrosha  
Nasrollah Sahrargard  
Mark Anthony Schneider  
Masoud Shaygan-Jah  
Terri A. Browning Stafford  
Bradley Dale Taff  
Rene Joseph Thibodeaux  
Sharon Lee Hitchens Trauth

Manouchehr Zaheri-Kham

**1984**

Pablo Sergio Beloff  
Craig James & Pamela Braud  
Dan Larue Brock  
Timothy Albert Colligan  
Frank Grither Costley III  
Michael Norman Cowan, Jr.  
Richard Lee Doucet  
Alan Ross Fasone  
Davood Gaeni  
Kiumars Ghowsi  
Sherri Lajuan Glasper  
Nirmalya Gupta  
Steven Ronald Haskin  
David Arthur & Lisa Hickham, Jr.  
Mohammad Hosein Hosni  
James Clifford Housand  
Jiang Hsieh  
Than V. Huynh  
Dong Soon Jang  
Thomas Frederick Lamb  
Gerald Patrick Lawrence, Jr.  
Scott Paul Leonard  
William Michael Lowe  
Patrick James Moran  
Tan Ba Nhat Le  
Henry Valma Nickens  
Barrett Hendry & Leslie Parker  
Sudhir Balkrishna Railkar  
Edmond Cowen Reel  
Gholamreza Rezaighandf  
Lane Bryan Richard  
Michael Jude Savoie  
Nicki Paul Savoie  
Nazih Jamal Sebaali  
Mohammad Haydari Shayesteh  
William Byron Sheehy  
Luke Chas Sicard II  
Carlin Jude Silvio  
Billy Vernon Smith  
Melissa Roberts Sporleder  
Cythia Diane Taff  
Donald Earl Thompson, Jr.  
Pho Van Tran  
Jason Robert Warrens  
Patricia Louise Wood  
Tzyhui Yeh

**1985**

Jonathan Edward Adams  
Thomas Treaf & Cheryl Andrus  
Jeffrey Michael Aubert  
Dennis Nicholas Babin  
Gregory William Byrd  
Michael Blake Chauvin  
Shu Chiang Cheng  
Steven Scott Cole  
Thomas Elton Dalferes  
Jeffrey John Danneels  
Gerald Lee DeVries, Jr.  
Malcolm Joseph & Cathy Doiron, Jr.  
Scott Thomas Dunnington  
A. Geoffrey Fish III  
Raiyas Swar Gorrah  
Sami Deeb Habchi  
Kirk Edward Herzog  
John Antoine Jawal  
Shawn Collins Kelly  
Mohamed Wahid Khazragui  
David William Lewis  
Mauricio Antonio Machado  
Rafael Jose Martinez  
John Emmett McConnon III  
Robert F. Molyneaux  
David A. Morice  
Gregory Paul Nielan  
John Charles Patterson  
Barton Michael Pepperman  
Richard Kirkendall Price  
Jagdish B. Rajadhyaksa  
Giorgio H. Reni

Robert Langford Roland  
Luis Jose Rollins  
Mark Joseph Ruiz  
Gunadi Tanto  
Dwain Paul Terrell  
Kok Sing Thong  
David O. Torres-Laitano  
William John Wetta II  
Gregory Alan Willins

**1986**

Pamela Claire Daniel Anderson  
Shoker Ahmad Attili  
Gregory Dale Buckner  
Gregory Paul Cenac  
Chu Xin Chen  
Kwan Wai Cheong  
Rajneesh Chopra  
Norman Wayne Compton  
Thomas Charles & Kim Garcia  
Donald Glynn Holloway II  
Kazi Sakhawat Hossain  
Chendranata Hudiono  
Sunil Shantipras Jain  
Benton Lamar Kelly III  
Robert Gerard Long  
Sunit B. Mangalvedhekar  
Kenneth Edward Nickerson  
Juan Carlos Ortiz  
James Bruce Partlow  
Charles Chauncey Passman  
Ahmad Razvan  
Marc Leslie Reed  
Enrique Jose Rivero  
Naji Mohammad Sabra  
Mohammad Mohammadi Saizad  
Jonathan Yancey Simmons  
Garon Oneyle Smith  
David Anthony & Lori Tate II  
Dean Stockwell Thames  
A David Toepfer  
Khaled Salem Tout  
Nestor Joseph Vicknair III  
Carter Harrison Watson  
Gerald Douglas Williams  
Lawrence Edward Zagar  
Alirio Jose Zambrano  
Paul Edward Zepernick

**1987**

Michael Dicarolo Albano  
Lane E. Aubin  
John Francis Authement  
Randeep Bhasin  
Charles Alan Cook  
Richard Michael Cook  
Joseph Charles Dabadie  
Mohammad M. Dehghani  
William Earl Dixon  
Chienfeng Doong  
Craig Allen Forsander  
Sidney Eugene & Susan Fuchs  
Hrishikesh P. Gadagkar  
Georgios Michalakis Georgiou  
Jon Edward Glueck  
Randall Paul Hernandez  
Troy David & Virginia Hewgley  
James Cody Holden  
Alias Bi Kamarudin  
Zainal Abidin Kamarulbaharin  
Philip Walter Kitchin, Jr.  
Sunggyu Kwon  
Chris Anthony Labat  
Claudio Jose Martinez  
Roberto Luis Mata  
Erik Jon & Sonya Nelson  
Tai Tuan Nguyen  
Duane Norris Owens  
Dana Lea Romero  
Michael Blaise Salario  
John Thompson Seymour  
Ras Satyanaraya Uppalapati  
David Robert Whitmore

**1988**

George Charles Adams, Jr.  
Sami Merched Aouad  
Carl Elex Baker  
Oscar E Banos  
Pamela Krake Bernadas  
Jeffrey Edward Bordelon  
Robert Anthony Breaux  
Juan Caballero  
David William Chadwick  
James Joseph Crittenden  
Ivan Alberto Curiel  
Allan Dale Gallant  
Gregory Don Giacone  
William James & Teresa Hanks  
Mark S. Hart  
Robert Legier Kuhner, Jr.  
Richard Joseph Lynch, Jr.  
Sharad Janardhan Naik  
Cliff Hai Nguyen  
David Dean Richert  
Henry Louis Robards, Jr.  
Hussam M. Sammour  
Jeff Michael Tassin  
Michael Andrew Vicknair  
Phuc Van Vo

**1989**

Frances Adolph  
Sharat Chandra Agarwal  
David Blaine Armentor  
Tony Wayne Barfield  
Michael Joseph Caluda III  
Darren Harry Carroll  
Keun Sun Chang  
Jonathan Wiltz Clemens  
Stephen Bernard & Patti Clement  
Rod Anthony Colletti  
Keith Andrew Comeaux  
Abuelgasim Eldrissi  
Thomas Kelly Harkins  
1st. Lt. Russell Vincent Hayes  
Edward West Hickham  
James Keith Jarreau  
Asha Ayalur Kailasam  
Soduk Lee  
Gregory J. Lormand  
Eng C. Low  
Julie Ann Mathis  
John Prentiss Morgan  
Phu Thanh Nguyen  
Marc Joseph Olivier III  
Annamalai Pandian  
Edgar Alejandro Ponciano  
Parikshit Ramesh Purohit  
William John Robeau  
Keith Allen Seilhan  
Rabneet Singh Sethi  
Neal Raymond Sutton  
Luis Carlos Toro  
William Michael Wilems, Jr.

**1990**

Dwight Steven Auzene  
Verdell Michael Banner  
Thomas William Broemmelsiek  
Thomas Emmett Burch  
Adolfo Jesus Castillo  
Gregory Todd Dobson  
Sharon Lynette Glasper  
Joey Marion Gremillion  
Dean Gregory Hebert  
Harris William Hurst  
Chan Soo Kim  
Norman J. Leonard III  
Girish Kumar Malani  
Virgilio Romeo Rayneri  
Mark Aldon Romine  
Gerard C. Soignet  
Todd Joseph Talbot  
Wai Hing Tang  
Rene Felipe Toruno

Steven Lee Welch  
Thornton White  
Keith Virgil Williams  
William Kevin Wood

**1991**

Robert Edward Benton  
Roger Bradshaw  
Xiangping Chen  
Joseph Q Halbrook  
J. Kevin Joubert  
Shonn Kevin McNeill  
Ted Joseph Morris  
Edward James Norris  
Olalekan Solomon Odesanya  
Jiande Qin  
Therese Estelle Rhodes  
David Michael Rothbauer  
Carlos A. Vargas  
Wayne Michael Weicks

**1992**

Bennet Charles Badeaux  
Melissa Ann Brewer  
Christopher John Burke  
Scott James Cedotal  
Michael Anthony Champagne  
Thomas Lynn Choate  
Shawn Michael Coco  
Sandip Dutta  
Mark Anthony Glasper  
Heidi Kramer Romero Gremillion  
Scott Louis Hayes  
Shahrair & Shirin Jahanian  
Christopher Joseph Leger  
Jean-Yves Sim Lorin  
Christian Patrick Lupo  
Christopher Arnold Mayeux  
Michael Wade McDaniel  
Henry Ben Meyers  
Gustavo Adolfo Morice  
Daniel Green Oglesby III  
Michael Andre Perrodin  
Craig Alan Schell  
Matthew Jay Schocke  
Toshiyuki Suzuki  
Ann Louise Tassin  
Anthony Jerald Tolito  
Kevin M. Wilkerson  
Daniel Sean Wohlgenant

**1993**

Eduardo Jorge Acosta  
Jacob Phillip Aucoin, Jr.  
Clifton Francis Burleigh, Jr.  
Gregory Hunter Chitty  
David Craig Ferer  
Gerald Thomas Gaubert  
Marty John Gautreau  
Joseph Riley German  
Danielle Renee Hemard  
Stephen Paul Lebouef  
Christoph Wade Mayeu  
George Harvey McKinney  
John Quinn Norwood  
Sheri Lyn Pastor  
Preston F. Rockhold  
Kevin George Schmit  
Gerald Anthony Vanbeek  
Theodore Hamilton Webr  
Brennan Zerangue

**1994**

Ashley Nelson Aymond  
Jesse Bernard Brown  
Virginia Lee Burns  
Byron Lee Cummings  
Olando Claude Darby III  
Van Michael Davidson III  
William Quentin Dyson  
Kimberly Greer Goll  
William Allen Gresens  
Jay F. Hennessey

Richard Gene Hibbs III  
Jared Wade Hightower  
Anglyn Loretta Hughes  
Gregory Edmund Jeansonne  
Ajay Kumar  
Daniel Robert Lafayette  
Jeanne Marie Oneill  
Phuc Thanh Phan  
Kelly Paul Poiencot  
Gregory Eugene Poole  
Troy David Randolph  
Neil Kelly Saia  
Troy Brendon Savoie  
Todd Michael Sepulveda  
James A. Shaver  
Roderick Wayne Thibodeaux  
Darren Marc Wolverton  
Robert John Woodall  
Mohammad Masroor Zia

**1995**

Abdullah Faisal Alikhan  
Michael Layne Busceme  
Binh Thanh Cao  
Jeffrey Paul Chenevert  
Jason Scott & Dawn Duncan  
William Laughlin Grace IV  
David Joseph Guidry  
Jonathan David Holston  
Frederick Christophe Laney  
Jeffrey Lee Liberty  
Katherine Denise McGee  
Laura Elizabeth Meche  
Dean Gregory Morris  
Aaron Michael Owens  
Edward A. Petranek  
Adam William Rice  
Javier A. Rojas  
Kevin Lovkesh Sareen  
Marcus Jude Saucier  
John Michael Shay  
Rafael Andres Velasco  
Robert O'Neil Warrington  
Stephen Leslie Wetekamm

**1996**

Stephen John Hebert

**1997**

Ruben Humberto Munoz

**2001**

Dwhyte Omar Barrett  
Paulo Cesar Mancilla  
Shwetha Verma

**NUCLEAR ENGINEERING****1983**

Howard Alan Brodt  
Ayodeji Akinwale Sikuade

**1984**

Mohammed Hasan Abushehadeh

**1988**

Dwight Alan Clark

**PETROLEUM/CHEMICAL ENGINEERING****1987**

George Matthews Marshall

**1989**

Rafael F. DeCastro

**PETROLEUM ENGINEERING****1980**

Nelson Jose Bastidas  
Charlotte Jean Batson  
Catherine Voisin Bender  
Henry Anthony Bergeron  
Elias Bouwaked  
John Edward Burnitt  
Brian Stacy Carr  
Joseph Charles Danos

Joanne Marie Diemel Granier  
David Scott Hagood  
John Randall Hervey  
Bruce Ivar Hovey  
Zouhair A. Kaaki  
Pat Bernard & Mary Keller  
Philip Stephen Keller  
Steven Thomas & Teresa Kovacevich  
Logan Magruder III  
Martin Wayne & Pamela Massey  
Jeffrey Lawrence Mathews  
Lawrence Gordon Mincher  
Arthur Melton Mixon III  
Robert Louis Navo, Jr.  
Michael Henry Pfister  
Robert Quitzau  
Debasish Sihi  
Colette Karon Netters Spears  
W. Shelby White III

**1981**

Edward Earl & Theresa Abels  
Martha Melissa Albritton  
Louis Joseph Antonini  
Bruce Frederick Avedon  
Sid Ali Boucedra  
James Michael Cavanaugh  
Joseph Franklin Combes  
Bruce Anthony Comeaux  
Dean Alan Doherty  
Chris David Duhon  
Kerry Craig Freedman  
Robert Darrell Gardner  
Brian Jeffrey Harder  
Mary Margaret Henke  
Thomas Baxter Martin, Jr.  
Andrew Anthony Mayeux  
John Edward McCarrroll  
Timothy Arthur McGowan  
Mehdi Z Samama  
Keith Charles & Mary Seanard  
Taghavi Mitra Kamali Thornton  
Brent Jude & Melody Villemarett  
Joseph Bryant Wilkinson  
Gwendolyn KayTharp Wilkinson  
Theresa Lynn Burton Yocom

**1982**

Joseph Lloyd Becnel, Jr.  
Leland Scott Broussard  
Clay Raoul Chauviere  
David Joseph Corley  
David D. & Claire Daly  
Hoang Cao Dang  
Terry Paul Duhon  
Jamie Middleton Duhon  
James Kevin Ellis  
Valinda Ann Gallow  
Sergio Alejandro Garridofreites  
Michael Lane Gay  
Jeffery Alan Giordano  
William Hannah  
Kelly Hughes  
Joel Eugene Kohler  
M. Barton Landry  
Eddie Lee, Jr.  
Vinh The & Lourdes Luong  
Mark Jon Mabile  
Michael William Maxwell  
Michael Edwin & Tobi McCauley  
Timothy Bryce McIlwain  
Kim Elizabeth Hussey Moser  
Mohamad Reza Nayebpour  
Rassoul Noorossana  
Vernon Cobe Parker, Jr.  
Marcus Truitt Patrick  
David Boyd & Paula Perkins  
Kerry Patrick Redmann, Jr.  
Arleen J. Antoine Rodriguez  
Cynthia Diane Ross  
William Wayne Sanders  
Susan Gail Sayes

Phillip Emmanuel Sorbet  
Llylwyn Elizabeth Tucker  
Martha Graham Daniel Vogel  
Dana Lloyd Westphal  
Steven Lawrence Young

**1983**

Aftikhar Hamid Ali  
Robert King Balfour  
Donald Richard Barthel  
Mark Edmond Barton  
Anne Elizabeth Becnel  
James Aloysius Behrens  
Thomas Aubrey Bell, Jr.  
Lee Kenneth Boothby  
Kevin Joseph Bowen  
Frank David Cali  
Earl John Coloudrovich III  
Victoria Eddins Davison  
Gregory Maunde Ewbank  
Jerry Allen Gray, Jr.  
Ellen Claire Gross  
Spergeon Holly III  
Stephen Richard Hopkins  
Gabriel Santiago Horvilleur  
Daniel Charles Langlois  
Laurence Joseph Lapeze  
Mary Lynn Leverling  
Stephen Andrew Lipari  
Randal Tatum Maffett  
Dariush Malekzadeh  
Ray Daniel McCluer  
Scott McDaniel  
Ahcene Mechtoub  
Darren Glenn Merritt  
James Clann Minnis  
Joseph Michael Nackley  
Mickey Randolph & Donna Olmstead  
Karen Elaine Holgate Olson  
John Andrew Peyton  
Bruce Duc Phaminski  
James Ivy Platt  
Budi Susanto Rahardjo  
Ella Kay Kellogg Rahardjo  
Thomas Joseph Rebler, Jr.  
George William Schneider III  
James Michael Schober  
Clay Jackson Smilie  
Barry Martin Smith  
Jimmy Dewayne Staton  
Christopher Lynn Terman  
Salvador Angelo Todaro, Jr.  
David Roy Verner  
William Norris Voss  
Steven Lyle Walker  
Bart Carlton Warner

**1984**

Mohammad Jawad Alnassir  
Asaad Ibrahim Altowailib  
Glenn Richard Bartels  
Jody Anthony Baudoin  
Whitney Louis Belanger, Jr.  
Catherine Mary Ducrow Belanger  
John Scott Bennett  
Sharla Faye Bickle  
Kenneth Terrell Blackwood, Jr.  
James Loren Bolander, Jr.  
David Wade Bryant  
Clint Celestin  
Michael Andrew Christina  
William Douglas Cobb  
Blaine Charles Comeaux  
Stephen Lee Conner  
Luke Wilbert Deshotels  
Melinda Jane Black Dorsett  
Carlos David Fandal, Jr.  
Archie John Felio  
Donald Glen Fritchie, Jr.  
Mark Michael Gautreaux  
Richard Lee Gray  
Joseph Marion Gregory III

Mark Hunter Hill  
Elizabeth Jernigan Ivy  
Katharine Michele Jackson  
Kathryn A. Aguillard Jarrell  
Dennis Kaminski  
Kevin Joseph Karl  
Orville Allen Kelly  
Darryl Keith Kennedy  
Nelson Kelley Kimble  
Lawrence Martin Kleinpeter, Jr.  
William Todd Lackey  
Louis Parkerson Laville III  
Charles Clinton Leazer  
Stephen James McDaniel  
Craig Walter Mueller  
Gerard Thomas Osborne  
Len Roland Patrick  
Robert William & Carolyn Pratt  
Brett C. Robertson  
Steven Louis Rodrigue  
Steven John Rutscher  
Danny Lee Schnell  
John Shannon & Donna Lay  
Sene Phongsouva Tchen  
Douglas James Tierney

**1985**

Rajan Ahuja  
Iftikhar Hamid Ali  
Abdulhadi Makki Alyousuf  
James Dudley Atkinson IV  
Winton George Aubert  
Gregory Frank Baiano  
Reynald Albert Baribault  
Neal Harold Bear  
Mark Reid & Lisa Chauvin  
Wesley Y. Clark  
Craig Alan Davis  
George Wayne Doyle, Jr.  
Michael Louis Dugas  
Scott Allen Elston  
Russell Douglas Fendick  
Wayne Stephen Finger  
Lisa Denise Grimmer  
Mitchell Walter Hale  
Todd Alan & Cindy Hubble  
Stewart W. James  
Lee Russell King  
Debra Preslar Kopsco  
Jack K. Koro  
Ergun Kuru  
Marvin Wynn Landry  
Timothy Edward Lindsey  
Robert Franklin Loving III  
Douglas Orr Lucidi  
David Carl Martin  
Mark Anderson Mayfield  
Anne Carol Miano  
Michael Shannon Mickle  
Stephen John Prior Oliver  
Timothy Reinhold Rapp  
Guy Joseph Romano, Jr.  
Richard Alan Rozanski  
James Thomas Serio  
Zulkifli Mohd Sharif  
Susan Jane Simons  
Thomas Lee Smith  
Bruce Gregory Stauffer  
Somsak Tangsongcharoe  
Troy David Tassin  
Meftah Tiss  
Lisa Dianne Tomberlin  
Simone Anne Trahan  
Yildiz Turhan  
Clay Randal Vanderlick  
Jeffrey Kent Warwick  
Joseph Henry Wirth III

**1986**

Yahia Baghzouz  
Donis Kathleen Balfour  
Wayles Baker Bradley, Jr.

Andrew Brown  
Charles Joachim Burland  
Manuel Joseph Campo, Jr.  
Joseph Alan Carter  
Marion Peter Chalubiec  
Jeff Eugene DePrato  
Kyle Russell Fontenot  
Jon Anthony Fullerton  
Catherine Kay Fuselier  
Ramon Carlos Gonzalez  
Scott Thompson Howard  
A. K. Humayan  
Ricardo Jesus  
Sree K Karukonda  
Kenneth Richard Loveland  
Michele Marie Lowery  
William Thomas Manning  
Sharon Kaye Hammons Marchand  
Kenneth James Mayeaux  
John Peter Meibaum  
Bradley Grant Middleton  
Lesley Ruth Moore  
Danny Joseph Morales  
Jeffery Russell Nagy  
Gregory Alexander Pieroni  
William Scott Prentice  
Geoffrey Kevin Roberts  
Brooks Anthony Roy  
Michael Jeffrey Sorocak  
Jon Thomas Townsend  
Ruth Ann Yarbrough

**1987**

Eric Leslie Adams  
Hamad A. Almakrami  
Mirza M Asgar  
William Malcolm Bailey, Jr.  
Todd Allen Barlow  
Vicente G Casariego  
Joseph Scott Cockcroft  
Gregory Brent Cummings  
Juan Carlos Ramos DeLeon  
Bryan Anthony Domangue  
Todd Gibson Durkee  
Stephen Gerard Falgoust  
Samuel John Gauthier  
Robert Loren Gough II  
Daryll Thomas Howard  
Phillip Allen Kerr  
Robert McDade  
Patrick Lawrence McGrievy  
Judy Carolyn Lyon Moses  
Jamie R. Mustafa-Talyi  
Misty Jean Nosal  
Lt. Matthew James Peak  
Alton Rhodes Perry III  
Keith Paul Rappold  
Jeffrey C. Rawls  
Timothy Scott Ritchie  
James Rodney Rogers, Jr.  
Leonel E. Sanchez-Hernan  
Gregory Mearnes Sibley  
David Estuardo Trujillo-Prado  
Todd Michael Welsh  
Yasooob Ali Zia

**1988**

Bette Ann Bankston  
John R. Bigler II  
Valli Roller Chambers  
Robert G. DePierri  
John David Friedli  
Scott Ellsworth Fry  
Christopher Alan Glankler  
Masoud Khodadad  
Henry Hilton Leigh  
Gordon David Reinhold  
Sara Shayegi  
Henry Robert Welch

**1989**

Terry James Arceneaux  
William H. Esco

Mustafa Hacıslamoglu  
Michael Wayne Henry  
Anthony Derek Ingersoll  
Feltus Barrow Leake  
Mary Beth Luquette  
Steven H. Prellip

**1990**

Harold P. Abels II  
David Richard Barton  
Charles Ivan Hutto  
Bieseng Jie  
Todd Jerod & Michelle Robichaux

**1991**

Erwin Paul Bollweg  
Williams Bradley Eubanks  
Gregory Allen Leblanc  
Lowell Randall Mounce

**1992**

Kenneth Lee Fitzgerald  
Keith Jerome Halford  
Sean Corley Helton

**1993**

Christopher Gary Allen  
Abdulaziz Soud Almutairi  
David Wayne Ducote  
Jeffrey Gates Wells

**1994**

Nazir Ali  
Lokman Bin Bin Md Nor  
William Buchanan Daniel IV  
Gennifer Ellen Fontenot  
Zeferino Cassa Iombo  
Zhengguo Jin  
Sirichai Kaewseekhao  
Tommy A. Lambert  
Michael Jerry Peavy  
Louis Joseph Scavone  
Irma L. Turner  
Wesley Spencer Youngblood

**1995**

Chad Jonathon Abadie  
James Paul Alexander  
Gerald Joseph Calegan  
Randal James Dauterive  
Herbert Perrine Erwin III  
Joseph Wesley Hayles  
Michael Shawn Liner

**2000**

Elizabeth Dawn Akes Whirley

**2001**

Richard Bryant LaPoint  
Hussain H. Radwani  
Robert Blain Rapp

**SYSTEMS SCIENCE****1980**

Carol Ann Soderlund

**1984**

Jose Pedro Diaz

**1985**

Brenda Ann Kinchen Vaughn

**1987**

Rajiv Kanwal Uppal

# LSU IN AFGHANISTAN



The Louisiana Army National Guard's 769th Engineer Battalion, headquartered in Baton Rouge, Louisiana, was activated and deployed to Afghanistan over the summer and fall of 2002. It is the largest Army National Guard mobilization effort nation-wide since the attacks of September 11. Among the 500 soldiers deployed from the 769th are LSU students, alumni, and supporters who have put their lives on hold to serve their country.

The 769th Engineer Battalion supplied three of its four companies to the Operation Enduring Freedom effort. Charlie Company, based out of Gonzales, Louisiana, is stationed in Kandahar, Afghanistan. Headquarters and Alpha Company, based out of Baton Rouge and Baker, Louisiana, respectively, are stationed in Bagram, Afghanistan.

As a combat-heavy battalion, the 769th conducts various combat construction missions, including but not limited to building large facilities and base camps, as well as producing new roads, highways, and bridges. The 769th has already built five large-scale administrative buildings, numerous guard towers, miles of road, and more than 100 tent pads. They are also performing dangerous land-mine clearing operations.



Students from LSU's College of Engineering are putting their knowledge into practice as a part of the 769th Engineer Battalion stationed in Bagram, Afghanistan, for Operation Enduring Freedom. The soldiers pictured are all LSU students. Only degrees in the College of Engineering have been listed. From left to right: Sheldon Perkins, Ron Tetzl, Jackie Bronson, Rhett Schexnaydre, Nicole Townley, Charles White (electrical engineering), Jeremy Prince, Josh Anderson, Carroll Ware (construction management), Adam Agosta, Rick Allison, Damon Hall (chemical engineering), Darrin Irwin, Michael Hay (construction management), Kenyatta Moncree (mechanical engineering), Christopher Agosta (environmental engineering), Lakeesha Charles, Christopher Waguespack (mechanical engineering), and Howard Bushey III.



**LOUISIANA STATE UNIVERSITY**

*College of Engineering*  
3304 CEBA Building  
Baton Rouge, LA 70803-6401

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L O U I S I A N A   S T A T E   U N I V E R S I T Y