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Reunion For Alums Planned November 26

The AIChE student chapter will host a reunion for all Chemical Engineering Alumni on the day of the LSU-Tulane game. Currently, the game is scheduled for 7:00 p.m. November 26, and the reunion is planned for 2:00 to 4:00 p.m. in the Chemical Engineering building.

In the event the game is rescheduled in the afternoon to accommodate television coverage, the reunion will be changed to 7:00 to 9:00 p.m. Please join us for food and drink, a tour of the changing Chemical Engineering building, and a chat with faculty and old friends.

If you plan to come, please return the reservation form on the inside back cover so we can keep you posted of details.
Dear Fellow Alumni and Friends,

As you know, the University and the Department of Chemical Engineering are continuing to experience budgetary pressures due to the economic environment in Louisiana. The Department has coped admirably with these difficulties but has by no means fully escaped their consequences. Given this situation, the continuing progress of the Department toward its long-range goal of a higher level of performance and recognition is particularly noteworthy. For example: a) the recent declines in enrollment appear to be leveling off and the faculty have prepared an excellent videotape outreach program to communicate with Louisiana high school students regarding chemical engineering as a career, b) the faculty is continuing to achieve a very high level of success in attracting research funds, ranking first in the University, c) upgrading of the undergraduate laboratory facilities is well under way, and last year a new pilot scale continuous distillation unit was placed in operation, d) endowments for the Morton and Spates professorships have continued to grow and e) adjustments to the curriculum are being made as appropriate to respond to current trends in industry and academia and feedback from certification reviews.

As mentioned in last year's note, all of us have opportunities to support the Department in its drive for excellence in a variety of ways, e.g., industry liaison activities, financial support, etc. On the latter point, alumni support for the Department has increased somewhat but still falls far short of that enjoyed by comparable departments in many other institutions. Our financial support is particularly critical to the Department at this juncture, and I urge you to consider sending a gift at this time and to support the Department's efforts by other means as well.

Regards,

CHE:31g

C. Glendon Bradley
President and CEO
CIBA Vision Corporation
Division of CIBA Geigy Corporation
Atlanta, Georgia

Robert W. Gallant
General Manager, Louisiana Division
Dow Chemical U.S.A.
Plaquemine, Louisiana

M.F. "Blm" Gautreaux
Senior Vice President
Ethyl Corporation
Baton Rouge, Louisiana

Paul A. McKim
Senior Vice President
Texas Eastern Corporation
Houston, Texas

Edward T.L. Borle
Senior Vice President
Walk-Haydel and Associates
Baton Rouge, Louisiana

Roy D. Gerard
General Manager
Westhollow Research Center
Shell Development Corporation
Houston, Texas

Mary L. Good
President and Director
Signal Research Center, Inc.
Des Plaines, Illinois

Otha C. Roddye
President
The Parsons Corporation
Pasadena, California

Cecil L. Smith
President
Cecil L. Smith, Inc.
Baton Rouge, Louisiana

Fred Loy
President
Louisiana Chemical Association
Baton Rouge, Louisiana

Robert B. Stobaugh
Charles E. Wilson Professor
Graduate School of Business Admin.
Harvard University
Boston, Massachusetts

Stansley L. Sandler
H.B. DuPont Professor
University of Delaware
Newark, Delaware

Dan Luss
Professor and Chairman
Department of Chemical Engineering
University of Houston
Houston, Texas
Dear Alumni and Friends:

It is a pleasure to extend greetings to you in my new role as Chairman of the Chemical Engineering Department. My wife, a native Louisianian, and I came here because LSU is a research-oriented university and Chemical Engineering is an excellent department. We are aware of the serious financial condition of the State and University, but feel the strengths of both and in particular the depth of talent and performance of the faculty in Chemical Engineering indicate a bright future.

We as a department, however, do need your continuing personal and financial support to weather the current conditions and to realize our future potential. Various plans under consideration for redefining the structure of higher education in the state appear to identify LSU as the flagship university. Furthermore, I have been impressed that most people recognize that the chemical industry and chemical engineering are vital to the future of the state.

I do not believe in making hard sell requests for financial support but feel you should be aware of the needs that we have. Contributions of any amount can have an impact. We have a continuing need to update equipment acquisitions so our students can use modern devices. The most pressing of the concerns deals specifically with our most valuable resource, our faculty members. I was shocked by the depressed level of our faculty salaries and the extreme limitation on travel expenses to which we are subjected. This year the university was able to provide modest salary raises for the first time in three years, but unfortunately our salaries are not even comparable to those at other universities in this region of the country. Since we have a deserved national reputation, our faculty salaries should reflect that but they fall far short. The faculty are also limited to travel reimbursements of only $40 a night for lodging and $18 a day for meals. I find that unacceptable.

I would like to develop or augment endowment accounts in the Foundation that would permit us to address some of these problems. In particular, I want to be able to present various faculty members with significant awards in recognition of their accomplishments. I also want to be able to supplement the allowable travel expenses by using the interest engendered in an endowed foundation account specifically earmarked for faculty travel. We, of course, have continuing needs for contributions toward our anticipated endowed chairs, for equipment, and for student scholarships and fellowships also. Unrestricted donations are most definitely welcomed.

If you would like to discuss any aspects of the department, college, or university please call or come see me. If you would like to stop by, please call me in advance. I would not want to miss you.

Sincerely,

John R. Collier

Distillation Services Complete Runs

An expanded potential for university-industry collaboration was realized on October 15, 1987, when the department initiated the first production run on its new pilot-scale distillation column. Made possible with the help of a $100,000 grant from Exxon and a $20,000 grant from the Amoco Foundation, this facility will provide practical experience and training for our undergraduates, as well as technical service to local petro-chemical companies.

The construction of the facility, directed by departmental instructor Gene Hadlock, began in February, 1987, and continued through the summer. Built of stainless steel throughout, the column can operate from full vacuum to 100 psig at temperatures up to 650°F. The heart of the facility is a 3-in.-ID, 20-ft-high packed tower. A circulating hot-oil system provides feed preheat and reboiler heat. The facility operates under stand-alone automatic control, although a recent extension of the control system has been its interfacing with the department's central computer to allow control through IBM's Advanced Control System (ACS).

The opportunity to carry out our first production run for Exxon also imposed a deadline for having the unit operational in early October. Construction was completed in late September, and startup of the unit began on October 10. To the credit of Gene and Research Associates Bob Perkins and Paul Rodriguez, who did the bulk of the construction, the startup was successfully completed in only five days!

The unit was operated around the clock, seven days a week, by students (both undergraduate and graduate) and staff until December 24. Over 800 gallons of purified product were produced. Subsequent tests of the product showed it not only to meet, but to exceed, required specifications.

Since December, we have made one more run for Exxon. We anticipate that other companies in the area will avail themselves of this service.

IBM 4341 Computer System

On July 1, 1988, the department took title to the IBM 4341 computer system that has been in the department since 1984. The system, valued at over $2 million, was provided by IBM as part of a multi-year contract.

Used by undergrads, graduate students, faculty, and staff, the system has been a valuable addition to the department. Chemical engineering students have access to 24 graphics terminals at any time, night or day. Faculty members all have a workstation in their offices. One result of the system has been the continually expanding use of inter-departmental electronic mail through the PROF SOFTWARE.

The contract with IBM involved several tasks. The primary one was to introduce the use of IBM's Advanced Control System (ACS) into the curriculum and to develop teaching modules and simulations. Other tasks included establishing an international
bulletin board for chemical engineering departments, defining functional specifications for batch sequence processing, and determining the key components of Computer Integrated Manufacturing in chemical process industries.

The bulletin board, resident on the department's computer, was made operational on November 11, 1987. It is maintained in cooperation with CACHE, by Danny Reible. The heart of the bulletin board is the GRAND teleconferencing system, which allows information to be accessed, retrieved, or added without operator intervention. Users can join particular topics, such as CACHE newsletters and projects, ACS Information, ChE Teaching Aids, or ChE Journal Abstracts, and GRAND will notify members when another user has added information. Access is through BITNET, a free-to-the-user electronic mail network to which most campuses are attached.

The objective of the project on functional specifications for Batch Sequence Processing (BSP) was to enhance IBM's Real-Time Process Management/Advanced Control System (RPMS/ACS). Directed by Armando Corripio, the project required the extension of interfaces for batch operators and engineers, a report generator, a historical data base, and a reset feedback extension to a PID algorithm.

The CIM project was directed by Armando Corripio and Arthur Sterling. In addition to defining the key components, they conducted a survey of the Louisiana chemical industry to determine the current status and future requirements for computer integrated manufacturing. A paper giving the results of the survey will be given by Corripio at the AICHE meeting in Washington, D.C., in November.

Faculty involved in earlier phases of the contract included Carl Knopf, Conrad Smith, and Ed McLaughlin.

Student Enrollment Up

Beginning in 1981, our undergraduate enrollment in chemical engineering declined for seven years. At the beginning of the fall semester last year, enrollments in the sophomore, junior, and senior classes was only 25% of the enrollment in 1981.

Fortunately, this trend now appears to have reversed. Enrollments this fall were up about 15%. Even more encouraging is the fact that the quality of new chemical engineering students, as measured by ACT scores, continues to rise and remains among the highest in the University.

The increase in enrollment this year no doubt is related to the vastly improved job market for our graduates. But the effort of all of our faculty to recruit students also played a roll. These efforts, spearheaded by Kerry Dooley, included a personal phone call by one of our faculty to every applicant to LSU who identified chemical engineering as a possible field of study.

If the current job market remains as it has been the last two years, we expect enrollments to continue to rise. We would like to reach an enrollment of near 200, half of that in 1981 and about the average over the last thirty years.

Annual Lectureships

Specialists in adsorption and adsorption separation processes and in dynamic reactors were speakers in this year's Bicentennial and Freeport Chemical Company lectures, which are annual events.

The Agrico Chemical Company Annual Lectureships in Chemical Engineering was a March event featuring Douglas M. Reuthven, a professor in the Department of Chemical Engineering at the University of New Brunswick in Canada. He reported on his research, which has concerned the fundamentals and applications of adsorption, as well as the development of adsorption separation processes. He has published approximately 140 papers on these subjects, a number of general reviews, and a book, Principles of Adsorption and Adsorption Separation Processes (John Wiley, 1984).

Reuthven received both his bachelor's and doctoral degrees from the University of Cambridge. He is a consultant to major companies in Europe and North America, and he has acted as advisor to U.S. government agencies on various applications of adsorbents, including the solar energy program and the disposal of nuclear waste.

In October, the 13th annual Bicentennial Commemoration Lectureship in Chemical Engineering, sponsored by 22 leading industrial concerns, took place. The speaker was J. M. Smith, Professor of Chemical Engineering at the University of California, Davis. His subject was "Dynamic Reactor Experiments for More Results with Less Effort."

Professor Smith has published two textbooks on thermodynamics and kinetics, as well as over 300 articles on chemical reaction engineering. He has received the Walker, Wilhelm, and Lewis awards of the American Institute of Chemical Engineers and is a member of the National Academy of Engineering.

Video Tape Available

As part of our recruiting effort, a video tape extolling the advantages of a chemical engineering education was produced and distributed to high school science and mathematics teachers throughout the state. Entitled "Chemical Engineering: The Profession of the Future," the tape was produced by LSU's Media Production Center. Chemical engineers from several of the local companies were featured in interviews.

If you would like a copy of this tape to show to high school students in your area, write to Kerry Dooley. He would be very pleased to send you one.

New Undergraduate Scholarship Fund Established

During the last year, the "Gerard Family Undergraduate Scholarship" was established by Roy Gerald, an LSU Chemical Engineering graduate, a member of the Visitor Advisory Committee, and General Manager of Shell Development's Westhollow Research Center. To be funded from interest on a $25,000 endowment, the scholarship will provide annual financial support to a Louisiana resident who has achieved a B average in chemical engineering.
Associate Professor Gregory L. Griffin joined the faculty of the Department of Chemical Engineering during the summer of 1987, bringing with him an active research program established at the University of Minnesota. Griffin received his Ph.D. in chemical engineering from Princeton University in 1979 and his B.S. in chemical engineering from Caltech in 1975.

Griffin’s major current research interest centers around the manufacture of higher alcohols from synthesis gas mixtures. These alcohols are useful as gasoline blending agents to achieve higher octane with lower volatile emissions. He is also developing a program in the area of synthesis of novel catalysts and other ceramic materials using chemical vapor deposition techniques. Griffin brought most of his laboratory equipment with him from Minnesota, so that he was able to bring his research program back up to speed very rapidly upon arrival at LSU.

In addition to his research activities, Griffin is teaching in the areas of numerical methods for chemical engineers and materials processing. His teaching activities have included the development of a new chemical engineering science elective course, ChE 4270, titled “Processing of Advanced Materials.” The course deals with the application of mass, energy, and momentum transport and reaction kinetics to the design of processes for the manufacture of semiconductors and high-technology ceramic materials.

LSU was able to attract Griffin because of “this area’s concentration of companies in the traditional fields of the chemical process industry and petroleum refining and the potential to interact with several companies that are at the forefront of developing new, non-traditional chemical engineering markets,” he says.

As a native Californian, he also feels that the winter weather in Louisiana is far more enjoyable than Minnesota’s, especially for outdoor activities such as running. Griffin and his wife, Nancy, are members of the St. James Episcopal Church choir and the Baton Rouge Symphony Orchestra chorus. Two school-age children contribute to keeping things lively in the Griffin household.

Professor Douglas P. Harrison was the first recipient of the Dow Outstanding Teacher Award, which was initiated this year by an endowment from Dow Chemical U.S.A. Nominations were submitted by student honor societies, and the selection made by a committee including representatives from Dow.

Associate Professor Kerry M. Dooley received the Harold Levey Award as Outstanding Young Alumnus from the Society of Tulane Engineers. In January 1988, he chaired the Chemical Engineering Review Panel for the NSF Instrumentation and Laboratory Improvement Program.

Professor Louis J. Thibodeaux presented a series of twelve lectures to university and government scientists and engineers in the People’s Republic of China in January 1988, at the invitation of the Ministry of the Petroleum Industry. He and one of his students, Jacob Thomas, published an article on archaeological chemistry in the May issue of Environmental Science and Technology.

Professor Armando Corriolo lectured on “Computer Process Control Using ACS” at the University of Sao Paulo, Brazil, in February 1988. His lecture was co-sponsored by IBM Brazil. He was also invited to present a paper at a Plant Managers Conference in Rio de Janeiro, Brazil, in August of 1988. An Exxon Research Fellowship, which he received for the 1987-88 term, has been renewed for 1988-89.

Assistant Professor Martin Hjortso was one of five university faculty nationwide invited to participate in an Oak Ridge National Laboratory/Universities Cooperative Program in Engineering Research in the area of Bioprocessing for Energy Applications.

Professor Richard Rice has received one of four creativity awards given in the U.S.A. and sponsored by NSF, for his work on “Radial Flow Chromatography.” He has for the second time been elected president of the LSU chapter of AUP and has also been selected for the national council of that organization. He has presented papers at the 1987 AIChE meeting in New York and at Akron University and Vanderbilt describing his work on mixing in bubble columns with flexispargers.

Associate Professor Geoffrey L. Price has spoken on his work with the synthesis of zeolites at the AIChE meeting in New York in November 1987 and the 1987 Southwest Catalysis Society in Houston. Talks are also scheduled at Georgia Tech and the University of Houston.

Professor Don Freshwater has spoken on loss prevention and chemical engineering education at several meetings during the past year. These include the European Federation of Chemical Engineering in Sweden, the Spanish Society of Industrial Chemists in Barcelona, Spain, the Baton Rouge chapter of AIChE, the Chemical Congress of North America, and the Gulf Southwest Section of the ASEE.

Associate Professor Danny Reblin in October will participate in a scientific exchange program to the USSR. In August he was a plenary speaker for a workshop at the National Center for Intermedia Research at UCLA.

Professor Frank Groves has been elected a fellow of AIChE.

Paul Rodrigues has been promoted to Research Associate. In addition to his usual work in constructing and maintaining departmental research equipment, he took a leading role in the startup and operation of the pilot-scale distillation column during the last year.

Sid Cheng has joined the Department as Research Associate and is responsible for systems programming for the Department’s IBM 4341 Computer system.
1920's

C.A. Barrere (BS ChE '26) and his wife Ruth are living in Houston. They visited LSU in March.

1930's

William Y. Gissel (BS ChE '38) retired in 1979 from Union Carbide in Oak Ridge, TN, and lives in Kingston, TN.

1940's

Robert B. Stobaugh (BS ChE '47) was inducted into the LSU Hall of Distinction in October of 1987. He is the Charles E. Wilson Professor of Business Administration and faculty chairman of the doctoral programs at Harvard Business School. He is the author of 10 books, including a bestseller on energy policy. He served on energy advisory committees under presidents Johnson, Nixon, and Carter and is a member of the Advisory Committee of the LSU Department of Chemical Engineering. He received his doctorate in business from Harvard Business School in 1968.

William E. Reinschmidt (BS ChE '47) lives in Mobile, AL, and is retired from American Cyanamid Co.

Vincente I. Diego (BS ChE '48) is retired from Exxon and is living in Miami, FL.

Joseph F. Butterworth, Jr. (BS ChE '49) retired in 1986 from Exxon. He and his wife, Adell, are enjoying pursuing various hobbies and being grandparents.

1950's

Leon Sledler (BS ChE '50) is working at Hughes Aircraft Co. in Los Angeles, CA. He is a member of the Technical Staff and is experienced in hybrid micro circuits.

Jose A. Barake (BS ChE '51) retired from Ecopetrol and owns a consulting firm.

Perry B. LeCates (BS ChE '51, M. S. '57) has retired from Exxon U.S.A. and lives in Baytown, TX.

Tildon J. Hebert (BS ChE '54) is Shell Oil's operations manager for refining and marketing. He lives in Conroe, TX, but is with Shell's Houston division.

George Irwin (BS ChE '55) lives in New Orleans.

Donald M. Bordelon (BS ChE '56) retired from Farmland Industries and is now doing consulting in Lakeland, FL.

James A. Prater (MS ChE '57) works as a staff engineer manager with the Louisiana Department of Transportation.

Eugene Y. Lau (BS ChE '59) is operations manager for a petroleum refinery in Panama.

James S. Piker (BS ChE '59) formed a consulting firm in Andover, MA, in 1987, after 24 years in the semiconductor industry.

1960's

Biraja Bilash Paul (PhD '60) is an executive with two consulting firms in Bombay, India.

Gaylen L. Nix (BS ChE '61) is an attorney in private practice in Houston, TX.

Gary C. April (BS ChE '62, MS '68, PhD '69) has been elected a Fellow of the AIChE. He is Research Professor and Assistant Dean for Research and Graduate Studies at the University of Alabama.

Eugene F. Delaune, II (BS ChE '62) is vice president of corporate development at H.B. Fuller Co. of St. Paul, MN. He lives in New Brighton, MN.

Kernan M. Banker (BS ChE '64) was recently promoted to environmental superintendent at the Bastrop, LA, mill of International Paper Co.

Eric A. Rini (BS ChE '65) has been promoted to regional operations manager of Kaiser Chemicals' business at its manufacturing facilities in Louisiana, Mississippi, and Florida.

John L. Medina (BS ChE '66) lives in Nulley, NJ, and works at Degussa Corporation as marketing manager.

Edward A. Schmitt (BS ChE '69) has been promoted to plant manager for Georgia Gulf's Plaquemine chemical division. He and his family live in Denham Springs.

1970's

David E. Allan (PhD '70) is in his fourth year in the London area as technology transfer advisor for Esso Engineering Europe.

Robert W. Hartman (BS ChE '71) is employed by Occidental Chemical Corp. in Tacoma, WA. He lives in Puyallup, WA.

Frank R. Cusimano (BS ChE '72) is vice president of marketing and supply services at Tenneco Gas Marketing Co. in Houston, TX.

Sidney V. Bourgeois (PhD '72) is manager of the Lockheed Missiles & Space Co. in Huntsville, AL.

Juan Bryce-Cotes (BS ChE '72) is president and owner of an equipment supply company in Tyler, TX.

Michael O. Waguespack (BS ChE '72) is with Walk, Haydel & Associates in New Orleans.

Lokesh H. Parikh (MS '73) is in process design at Monsanto Co. in St. Louis, MO.

Oliver W. Hargrave, Jr. (BS ChE '73, MS '75) is a research engineer with a Birmingham, AL, firm.

Allen Escott, Jr. (BS ChE '74) lives in Luling, LA, where he is employed by Monsanto Co.

Carlos M. Acevedo (BS ChE '75) works with a firm in Puerto Rico that supplies raw materials for the pharmaceutical industry. He lives in Guaynabo, P.R.

Bill Stewart (BS ChE '75, MS '77, PhD '81) works for the M.W. Kellogg Co. in Houston as principal engineer in the advanced process control group.
Thomas C. Kelly (BS ChE ’75) received his M. D. degree from Tulane University in 1978. Following residency with Ochsner Foundation hospital in New Orleans, he is in private practice in general/vascular surgery in Ft. Smith, AR.

Francis P. Foret (BS ChE ’75) is employed by Union Texas Petroleum Corp. of Houston as Texas district manager of gas plant operations.

Charles P. Freeburgh (BS ChE ’75) lives in Baton Rouge and is employed with Georgia Gulf Corp.

J. W. Turner (BS ChE ’76) is manufacturing superintendent at Monsanto’s plant in Alvin, TX. He and his family live in LaPorte, TX.

Jim Huff, Jr. (BS ChE ’77) lives in Waterproof, LA, and is self-employed.

Patrick E. Byrd (BS ChE ’77) lives in New Orleans and works in chemical and instrumentation design engineering with Freeport McMoran.

Michael R. Stamm (BS ChE ’78) lives in River Ridge, LA, and is a process engineer for Armat Metal Chlorides.

M. Steven McCown (BS ChE ’78, MS ’81) is a project development engineer for Phillips 66 Natural Gas Company in Bartlesville, OK.

Ender J. Barillas (BS ChE ’79) is employed by a government-owned oil company in Cabimas-Zulia, Venezuela. He is operations supervisor for water flood units totalling 36 plants.

Beth M. Troxler (BS ChE ’79) works for Louisiana Power and Light, where she is head of the water/environmental department at their Westwego generating station. She lives in Jefferson, LA.

Lamat B. Mahmud (BS ChE ’79) is a senior process design engineer at Esso Refinery at Port Dickson, Malaysia.

1980’s

William Dean Reinschmidt (BS ChE ’80) is an engineer with a Baton Rouge firm.

K. Duane Smith (BS ChE ’80) works at the Louisiana division of Dow Chemical in Plaquemine as a senior systems engineer and lives in Port Allen.

Gary W. Cadby (BS ChE ’80) lives in Livingston, LA, and is a self-employed businessman, owning two retail hardware stores and a truck-leasing business. He formerly worked with a consulting engineering firm.

Charles Thavenot (BS ChE ’80) lives in Trinidad, West Indies, where he is a planning engineer with the National Gas Company of Trinidad and Tobago.

John F. Nelson (BS ChE ’80) lives in Pride, LA, and works as a project manager for an environmental consulting firm in Baton Rouge.

James E. Myers (BS ChE ’80) is employed by Texaco Research in Port Arthur, TX. He is a senior chemical engineer with the environmental research section.

Linda K. Cartwright (BS ChE ’81), after working several years for Texas Instruments in Austin, TX, has moved to Greer, SC, and works for Digital Equipment of Greenville, SC.

Chris Knaus (BS ChE ’82) reports that he and his wife M’Lu Bouser Knaus (BS ChE ’82) have become the parents of a boy born in January. Chris is employed by Chevron in New Orleans.

Thomas L. Hernandez (BS ChE ’82) is principal engineer in the power resource planning department of Tampa Electric Co., a subsidiary of TECO Energy.

Robert L. Life (BS ChE ’82) lives in New Orleans and works at Chevron, U.S.A., as a gas and chemical engineer.

Malav S. Shah (BS ChE ’82) received his MSChE degree from Villanova University in 1985 and now works at Monsanto in Nitro, WV, as a process engineer.

Eugene Benoît (BS ChE ’83, MS ’85) has attained academic honors at Exeter in Classics and has been awarded by Exeter a fellowship to study in Germany.

Kathryn D. Moise (BS ChE ’83) lives in Baker, LA, where she is teaching high school science and math at Bethany Christian School.

Kevin Duhe (BS ChE ’83), who lives in Baton Rouge, is employed as an automation specialist at Ciba-Geigy Corporation in St. Gabriel.

Gary Focht (BS ChE ’83, MS ’86, PhD ’88) has taken a position with Ethyl Corporation in Magnolia, AR.

Kevin G. Waguespack (BS ChE ’84) is employed by Lyondell Petrochemical, a division of ARCO, and lives in Crosby, TX.

Philip LeBlanc (BS ChE ’84) works for Ciba-Geigy and lives in St. Gabriel, LA. He was married in 1987.

Kevin Lowery (BS ChE ’84) works for James River Corporation in St. Francisville and lives in Baton Rouge.

Lisa Pham (BS ChE ’84, MS ’87) is working with Chevron in California.

Karen E. Bell (BS ChE ’85) lives in Pawleys Island, SC, and is a project engineer for International Paper Co.

Randall D. Seale (BS ChE ’85) is employed by Lockheed Space Shuttle Operations. He lives in Merritt Island, FL, but is still a big Tiger fan.

Suzanne Warren (BS ChE ’85) is environmental coordinator and process engineer with Vista Chemical Co. in Westlake, LA. She lives in Lake Charles, and is engaged to Steven W. Kleinpeter (BS ChE ’80).

Chris Kjeldsen (BS ChE ’86) is employed by Uniroyal Chemical in their specialty chemicals production area in Geismar and lives in Baton Rouge.

Neal A. Grob (BS ChE ’86) works in process research for Dow Chemical in Plaquemine, LA, and lives in Baton Rouge.

James Kenneth Clark (BS ChE ’86) is a process engineer with Kaiser Aluminum & Chemical in Baton Rouge.
Your contributions are an investment in the future of the department's academic and research programs. Not one cent of our alumni contributions has been or will be spent! Rather, all contributions are placed in endowment accounts, which have grown to an accumulated value of $276,000, as shown in the table below. It is only the interest from these accounts that will be used to fund departmental programs.

Two of these programs will be initiated this year. The Coates and Horton Professorship Funds have reached their trigger value of $100,000, and recommendations for the selection process have been received from a select outside committee. The interest from these funds will provide salary supplements to two senior-level professors in the Department.

Endowment Fund Accounts — June 30

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<th>Fund</th>
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<td>Coates Professor Fund</td>
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Alumni Contributions 1987-88

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<tr>
<td>Development Fund</td>
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<td>15,450</td>
<td>25,665</td>
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<tr>
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<td>66</td>
<td>$17,048</td>
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</table>

The average salary of a professor in our department is now 35% below the average for our peer institutions. Thus the Coates and Horton Professorships will play a vital role in our effort to retain outstanding faculty.

You have also received an appeal for contributions from Dean Edward McLaughlin as part of a college effort to collect contributions centrally. If you choose to contribute through the College, rather than directly to the Department, you can still request that your contribution and company matching grants be credited to one of the department's endowment funds.

If you have not previously contributed, please consider doing so this year.

CONTRIBUTORS — 1987-88

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>1922</td>
<td>Alexis Voorhis, Jr.</td>
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<td>1Clement Barre</td>
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<td>3Roy Daniels</td>
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<td>1Bivins H. Williams, Jr.</td>
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<tr>
<td>1935</td>
<td>1Tildon J. Hebert</td>
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<td>3Marvin D. Roof</td>
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<tr>
<td>1935</td>
<td>3Cushman M. Cambre</td>
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<td>3Jesse Coates</td>
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<td>3Valerie A. Winters</td>
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Chemical Engineering Alumni News

Volume 6 Fall 1988
**MISSING ALUMNI**

**ADDRESSES FOR MANY ALUMNI NOT KNOWN**

We have no addresses for the following alumni. We are certain that they would also appreciate receiving the Alumni Newsletter and renewing contact with the Department. If you know of a current address for any of them, please let us know.

If a prize were given for locating the most missing alumni, last year it would have been awarded to **Thomas C. Landrum** (BS ChE '36), who cleared 13 names from the list. Can anyone top this record this year?

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Volume 6 Fall 1988 17
MISSING ALUMNI

1966
Charles C. Boudreaux
Gerardo T. Brink
Richard F. Buckley
Jaime P. Bueno
Orlando E. Cardoso
Orrie G. Gay, Jr.
James E. Horn
William G. Glassman
David Giner
Pedro J. Nogueira
Bueno J. Forres
Sims L. Roy, Jr.
Richard J. St. Pierre
Mario M. Salinas

1967
Richard G. Beeccher
James H. Dought
Joseph L. Edmonson
Howard M. Elder, Jr.
Raul V. Fonse
Wilbert S. Fox
Wilber S. Mackay
Eduardo R. Martinez
Hussang S. Moghani

1968
Arunendu Bhattacharya
Robert J. Camacho
Ricardo J. Gomez
Guy J. Harel
Ronnie D. Jackson
Chung Ying Liu
Jorge L. Martinez
Julio C. Paullin
Timothy J. Purdie
Kenneth J. Parent, Jr.
Jerry D. Price

1969
Jose J. Ajaire
Byron B. Bacas
Darryl J. Barthlemy
Yu-Chin L. Chen
A. A. Deaguirre
Charles E. Dunlap, Jr.
Jerry D. Fouroux
Julie A. Lambert
Yu-Chin Liu
Charles W. Morgan
Ivan A. Navao
Jose M. Paniza

1970
Alvaro Campuzano
Kyle L. Preston, Jr.
James J. Spivey
Luis Uguento

1971
Saeed Aflakian
Sain D. Anand
Jose F. Azout
Richard E. Dorris
Donald D. Eich
Segundo Fernandez, Jr.
Steven R. Guidry
Mark A. Jeffers
Thomas R. Kohn
Michael W. Leger
M. C. McDonald, Jr.
Haywood B. Miles, III
Ronald D. Miles
Danny J. Perrer
M. J. Rathbone, IV
Glen D. Savoy
John H. Savoy
William A. Settoon, Jr.
Vinodchandra R. Shah
Ahmad Shariat
Philip W. Smith
Stephen R. Williamson

1972
Juan P. Ardila
Bernardo C.K. Chan
Pak S. Fong
Edward M. Keating, Jr.
Juan Luis Kindelan
Michael Michaud
Jose R. Morao
Richard W. Nill
Donald L. St. Germain

1973
Rafael D. Foo
Oliver D. Habibe
Simon Hacker
Soo K. Han
M. R. Karbassian
Wendell Lattier
Glen C. Lungard
Ronald J. Manuel
Madhusudan Nathany
Carol Norris
Mehmet O. Ozcelik
Jay M. Railey
Norman K. Roberts
Anan Sitipong
Carol N. Tollett
Roger E. Waguespack
Clarence S. Waterman
Claude A. Williams
Wen-Ching Yu
Emilio R. Zarrak

1974
K. Acharapong-Baire
Jamal M. Al Barzinji
M. B. Bebebnani
A. Brandao-Dutray
Galen M. Dino
Frank D. During
Gangsdhar D. Kane
Sohan Lai Khungar
Stephen P. Mayeux
Mostafa Mina
J.R. Ochomogo-Salinas
Oscar P. Pinilla
Najeeb Sadighi-Nouri
Larry R. Vollmer

1975
Rabie Ashott
Herbie M. Czestenko
Mohammad A. Movahed
Paul T. Stieged

1976
Stephen W. Krajicek
John F. Kress
Helen M. LeBlanc

1977
Abdul J. Ahussain
Kenneth R. Clem
Owaraikath Reddy
Jay S. Robinson

1978
Michael G. Bruce
Allen T. Marshall
Danny R. Young

1979
Manuel A.B. Arguello
Tsieng-hsun Chao
Enfer J.B. Ferrer
Daniel E. Fields
James A. Guzman
Ln H. Hue
John W. N. Kwing King
Chin-Kwan Liu
Patrick L. Mihalik
Timothy M. Mulvihill
Timothy J. Pavelle
Courtney D. Picou
Soliann G. Sindy
Carl E. Sladek
Michael R. Stamm
Tuan A. Tang
Ricardo Toro

1980
Mahmoud M. Alhashimi
Raymond R. Allen
Jean Bales
Richard P. Bobbit
Floyd K. Davis, Jr.
Villa D. Holland
Steven W. Kleinpeter

1981
Lynda L. Bonin
Stephanie L. D'Antonio
Martha L. Donley
Joel H. Keiffer
Yat M. Lam
Steve McCown
Gwendelyn A. Mayeux
Todd G. Nilson
David M. Rieden
Tuan A. Vu
Chen Wang

1982
Angela M. V. Labrador
Bernie J. Lofoso, Jr.
John F. Nelson
Anh M. Pho
Duc M. Pho
F. R. Roberts
Hamedani Saidi
Keith VanWinkle
Hector Villa, Jr.
Marsha D. Wittern

1983
Adnan Abdulrahman
Bradley H. Carter
Jean E. Carbaejal
Carol K. Gordon
Thomas L. Hernandez
Richard D. Jordan
Karen E. Kor
Joseph K. Koro
Robert B. Kuehn
Alexis J. Meneses
Jaime A. Pineda
Michael H. Wink

1984
Robert A. Bordlee
Lily Gunawan
Byron A. Harris
Leslie W. Harris
Kenneth M. Jones
Randall D. Roddivek

IN MEMORIAM

Emmette T. Craig (BS ChE '43), January 7, 1984.

Perry LeCates (BS ChE '51, MS '57), August 4, 1986.

Pennywitt J. Naquin, III (BS ChE '54).

Jack Vernon Sams (B. S. 1943) died March 1, 1988, in Venezuela. He was a retired chemical engineer with Exxon Chemicals and a U. S. Army veteran of World War II.

Dr. Gipson L. Carter (B.S. 1931, M.S. 1932, Ph.D., 1935) died in Baton Rouge on September 5, 1987. He earned his first doctoral degree conferred by LSU. Dr. Carter was a retired Exxon Company USA chemical engineer with 37 years of service.

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Rodney Porter, who received the B. S. in ChE in May, was the first student to complete the LSU/Southern 3-2 program. He received his B. S. degree in chemistry from Southern one week before receiving his LSU degree.

Jimmy Wong presented a paper at the 1987 AIChe meeting in New York on the work he is carrying out with Professor Doug Harrison.

David Cockrell, another student of Harrison’s, presented a paper at the 1988 Spring National Meeting of the AIChe in New Orleans in March.

Joseph Roos has received a NATO postdoctoral fellowship to continue his experimental research in biochemical engineering at the Technical University of Denmark in Copenhagen. Joseph will begin his work in Denmark upon his completion of his PhD work at LSU during the coming year.

Karl Anderson was the only student at LSU and one of a very few nationally awarded an NSF Fellowship for 1988.

Undergraduate Awards

JESSE COATES
Vicki Labave

PAUL HORTON
Karl Anderson
Given to the graduating senior with the highest GPA who attends graduate school in chemical engineering at LSU.

SENIOR SCHOLARSHIP
Karl Anderson
Given by the AIChe Chapter to the student with the highest GPA during their academic career.

DOW OUTSTANDING JUNIOR
James Dautenhahn
Given by Dow Chemical U.S.A. to an outstanding junior to recognize achievements in scholarship, leadership, and campus activities.

AMERICAN INSTITUTE OF CHEMISTS
Rodney Porter

JUNIOR SCHOLARSHIP
Vicki Labave
Given by the Department to the student with the highest GPA at the end of the junior year.

SOPHOMORE SCHOLARSHIP
Lisa Comeaux
Given by the National AIChe to the student with the highest GPA at the end of their sophomore year.

BASF SENIOR DESIGN
Maria Dumas  Vicki Labave
Ilena Perez  Angela Volvedich
Awarded by BASF to encourage distinction in undergraduate design activities.

FILL OUT AND RETURN TO
John R. Collier
Department of Chemical Engineering
Louisiana State University
Baton Rouge, LA 70803

Name __________________________ Year Graduated and Date __________
Address (home) __________________________
Phone (home) __________________________
Address (work) __________________________
Phone (work) __________________________
CURRENT ACTIVITIES (employer, position, honors, etc.) __________________________

Reunion, November 26, 1988

☐ I will be able to attend the reunion this year
☐ I will not be able to attend the reunion this year

Chemical Engineering Alumni News

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"... P.S. We are counting on you for a BIG contribution to the Alumni Fund this year."