

# CHEMICAL ENGINEERING

*Alumni Newsletter*

LOUISIANA STATE UNIVERSITY

June 12, 1986

Dear Alumni and Friends:

As you no doubt realize, the economic prospects for the State of Louisiana are dim. This situation will continue to have significant repercussions for the University and the Department, particularly in the area of salaries for faculty. We hope for better times, but we don't expect them soon. Remarkably, morale in the Department is still high. We feel we can solve our problems in the future, and we have taken some steps to mitigate them in the short term.

My appeal to your generosity has not fallen on deaf ears. This past year, 86 of you contributed a total of \$37,040 (including matching corporate gifts). This is a splendid record for less than 3% of our alumni. Imagine what we could do if 10% contributed, as they do at some other schools. This fall, the Advisory Committee will help us make the final decisions on use of the Development Fund, which now totals about \$130,000.

Our lost Alumni list is gradually getting larger, so please make a special effort to help us locate your colleagues who graduated in Chemical Engineering. Also, don't hesitate to let us know what is happening to you. Everyone likes to hear about the progress of our alumni.

Keep in touch!

Sincerely,



Edward McLaughlin  
Chairman

LSU

# Chemical Engineering Alumni News Letter

This is the fifth edition of our newsletter, which is now an established entity that should continue in the coming years.

An increasing number of alumni are responding to our invitation to visit us when they are in the Baton Rouge area. We hope more of you will follow suit to see first hand some of the changes that have taken place and some that are in progress.

This year we have been contacted by about 150 of you. Keep those letters coming! A closer count of our lost alumni shows this list has risen to about 600. We all need to work hard to reduce the size of this list; it constitutes about 20% of our graduates. Please take it upon yourself to round up a few addresses from known graduates working in your company or living in your area. Every few help. Tommy Landrum (BS ChE 1936) gets first prize for all the 'lost' alumni he 'found' - we need more like Tommy.

On reading though the list of contributors this year, you will see that some of our graduates from overseas contributed handsomely to our appeal, and a special word of thanks must go to them.

We hope you enjoy the news, and even more that you contribute to it in the coming year.



Arthur M. Sterling

**EXXON RESEARCH AND ENGINEERING COMPANY**

CLINTON TOWNSHIP, ROUTE 22 EAST, ANNANDALE, NEW JERSEY 08801

PETROLEUM AND SYNTHETIC FUELS RESEARCH

C.M. EIDT, JR.  
Vice President

Circle: ENGREXON, CLINTON

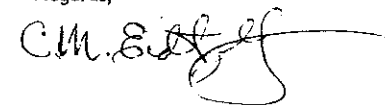
Dear Fellow Alumni and Friends:

The Advisory Committee to the Department of Chemical Engineering continues to be favorably impressed by the Department's steady progress toward a higher level of performance and recognition. As we reported to Chancellor Wharton following our last meeting on October 14, 1985, solid evidence of this progress is apparent on several fronts, including: a) increased outside financial support for research, b) a continuing rise in publication activities, c) complimentary feedback during the latest ABET accreditation visit, and d) continued strengthening of the undergraduate chemical engineering laboratory.

Given LSU's geographical location, one thing the Advisory Committee has promoted strongly is increased two-way interaction between the department and local industry. Local alumni obviously can play a key role in building these liaisons. We certainly do not, however, wish to suggest that LSU's reputation and contacts be confined to local industry alone. Rather, we encourage all alumni to promote, with their companies and industries, a supportive awareness of the Department and its needs and capabilities.

All of us have opportunities to support the Department in its continuing quest for excellence.

Regards,



## THE CHAIRMAN'S REPORT

A lot happened this year and in the words of Charles Dickens perhaps "It was the best of times, it was the worst of times." Best for progress and worst for faculty rewards.

### Baccalaureate Reviews

In the fall semester we had our ABET review and expect to have the results sometime this summer. In the spring semester we had the Louisiana Board of Regents review. We have not yet been given a time frame for their verdict, but expect it sometime in the late summer or early fall. A lot of time and effort went into both reviews - let's hope it was all to the good.

### Supercomputers

For the first time, actually on April 28, 1986, we logged onto the Cornell Supercomputer facility from our Department. This is a massively parallel system with FPS 264 processors and an IBM 3090 mainframe (3084 at the moment). Strange though it may seem, our use of the Cornell Supercomputer facility arises from our research in thermodynamics, where we simulate the behavior of fluids by confining a few hundred molecules, with assumed intermolecular force laws, in a box and allow them to collide. With this simulation, we subsequently determine the thermodynamic properties. I think supercomputers will dominate a lot of research areas in the future, and it won't be many years before even our undergraduates leave with knowledge of the use of such facilities.

### Computer Graphics

For two years, we have had an instructor on our faculty, Margaret Cygan, who has been developing computer graphics software for our instructional and research efforts. We can now do things like prepare thermodynamic surfaces in color and display them on our IBM 5080 terminals, where they can be rotated in three dimensions and examined by our junior class in thermodynamics. We have also developed 3-dimensional graphics for such diverse applications as the molecular structure of zeolite crystals and interactive piping and equipment layouts.

### Visiting Faculty

I always consider that a program is making substantial headway when faculty from other universities want to come and spend their sabbatical leave there. By this measure your Department is doing well.

1. Professor Bog Kuszta, from the Technical University of Warsaw in Poland and author of "Modeling and Identification of Dynamic Systems," published by Reinhold, has arrived in the Department and will spend the calendar year 1986 with us.

2. Professor Bob Newell, from the University of Queensland in Australia, will spend six months with us, from July of this year.
3. Professor Don Freshwater, Head of the Department of Chemical Engineering at Loughborough University in England, will spend a year with us, starting in August 1986, to work on batch processing.

We would be hard pressed to accommodate more than three at any one time, but this should be a very fruitful year through interaction with these distinguished visitors. Incidentally David Rippin from ETH in Zurich spent several days with us in the spring working on batch processing.

### Research Grants and Contracts

Progress continues apace in this area with the total awards to date this year at \$1,041,500. One of our best years ever.

### Undergraduate Laboratories

The revolution in this area is proceeding apace with Gene Hadlock (father of Susan Hadlock Ottsen BS 1979) still clearing away everything in front of him and rebuilding equipment right, left and center. In a few years, you won't recognize the unit ops lab when you return.

Again, as with our computer operation, we are seeking industrial support for this activity and we hope to announce significant funding in the next newsletter.

### Faculty Awards

We had a lot of activity in the faculty awards area this year:

|                               |  |
|-------------------------------|--|
| Frank R. Groves, Jr . . . . . | Charles E. Coates Award of the local AIChE and ACS Chapters.   |
| Danny D. Reible . . . . .     | Phi Kappa Phi, Outstanding Non-tenured Faculty award, the Ralph M. Teeter Award of the American Society of Automotive Engineers, and the ASEE national award for New Engineering Education Excellence. |
| Armando B. Corripio . . . . . | Cross-Holloway Award for Excellence in Service to the Department and an Exxon Excellence Award for Teaching.   |
| Douglas P. Harrison . . . . . | Exxon Excellence Award for Teaching.   |
| Kerry M. Dooley . . . . .     | Cross-Holloway Award for Excellence in Research in catalysis and reaction engineering.   |
| F. Carl Knopf . . . . .       | Cross-Holloway Award for Excellence in Research in Supercritical Systems.  |
| David M. Wetzel . . . . .     | George G. Marra Award for the Best Paper of the Year in <u>Wood and Fiber Science</u> .  |

Graduate Student Awards

David Clary . . . . . Campus-wide Best Dissertation Award, Coates Award for best dissertation in Chemical Engineering, Chemistry and Physics. David is the co-author of about 19 papers. David now works for Ethyl Corporation, Baton Rouge.

Scott Willms. . . . . AIChE local chapter best dissertation award. Scott has taken a post-doctoral appointment at Los Alamos.

Christopher P. Williams . . . . . Ciba-Geigy Travel Award to present a paper at the National Meeting of AIChE in Chicago.

Undergraduate Awards

David Wetzel is the chairman of our undergraduate awards committee. His summary of the awards for this year is given below:

JESSE COATES AWARD  
Neal A. Grob

SENIOR SCHOLARSHIP AWARD  
Suzanne M. Wintz

Given by the AIChE chapter to the student with the highest GPA during the academic year.

DOW OUTSTANDING JUNIOR AWARD  
Karl G. Anderson

Given by DOW to an outstanding junior to recognize achievements in scholarship, leadership, and campus activities.

JUNIOR SCHOLARSHIP AWARD  
Nancy Huang

Given by the department to the student with the highest GPA at the end of their junior year.

SOPHOMORE SCHOLARSHIP AWARD  
(from National AIChE)  
Karl Anderson

Given by the national AIChE to the student with the highest GPA at the end of their sophomore year.

AMERICAN INSTITUTE OF CHEMISTS AWARD  
Corey Ann Hay

SPECIAL SENIOR AWARDS 4 YEARS - NO DROPS  
Travis R. Dickinson, Jr.  
Neal Grob  
Michael DiLeo

Awarded by the faculty to all students who complete all courses attempted in four years.

BASF SENIOR DESIGN AWARD

First Prize Group I  
James Clark  
Michael D. Dileo  
Paul T. West  
Florine Y. Williams

Second Prize Group II  
Bucon, Mark L.  
Dartez, Ann C.  
Witte, Christopher P.  
Witte, David H.

Third Prize Group III  
Boudreau, Donald A.  
Alvaro Jarquin  
Alejandro Kopper  
Erick R. Mertoetomo

Awarded by BASF to encourage distinction in undergraduate design activities.

## Opportunities

I will make my recommendation to the Advisory Committee this fall on use of the Development Fund. Basically, this will consist of dividing the amount in the fund into equal portions, to partially endow two titled professorships in Chemical Engineering. I hope, if all goes well, to name the professorships after Dr. Jesse Coates and Dr. Paul M. Horton, two of our distinguished former Department Heads. Alumni will then be asked to support these positions by their donations through the Development Fund until sufficient capital is accumulated to formally establish the professorships. If approved, it would be our intention to authorize these positions filled when each endowment reached \$100,000 and to close them when they reached \$150,000. Only the interest, or part of it, would be used to supplement the salary in an existing position.

One has only to look at the University of Texas faculty list to see how far we lag in the area of titled professorships. If our Advisory Committee approves this action, we will be on the way to making some progress in this area.

## Industrial Support

As usual, we could not survive without the help of our friends in industry. Companies supporting our efforts this past year were:

### DEPARTMENT OF CHEMICAL ENGINEERING INDUSTRIAL SUPPORTERS 1985

|                               |                           |
|-------------------------------|---------------------------|
| Air Products and Chemicals    | Exxon                     |
| Allied Chemical               | Freeport Chemical Company |
| Amoco                         | IBM                       |
| Atlantic Richfield            | Kaiser                    |
| BASF                          | Marathon                  |
| Celanese                      | Phillips                  |
| Chevron                       | Shell                     |
| Ciba Geigy                    | Stauffer                  |
| Council for Chemical Research | Tenneco                   |
| Copolymer                     | Texaco                    |
| Dow                           | Union Carbide             |
| Dupont                        | Vulcan                    |
| Ethyl                         |                           |

## Finale

Despite the current problems of the University we hope to continue building the strength of the Department. Your assistance in the past and in the future will do much to keep us going in the right direction. Our sincere thanks to you all.

## DEPARTMENTAL EVENTS AND HAPPENINGS

### Annual Lectures

The Bicentennial and Freeport Chemical Company Annual Lectureships were again highlights of our academic year.

The Bicentennial Lecture was delivered by Wolfgang M.B. Sachtler, who is currently Ipatieff Professor of Catalysis at Northwestern University. He obtained his Dr. rer. nat. from the Technische Hochschule, Braunschweig, in 1952, and then worked at the Koninklijke/Shell-Laboratorium in Amsterdam until 1983. He held part time appointments at the University of Leiden from 1963 to 1984, when he joined Northwestern. The author of more than 140 papers and 100 invited lectures, he has received the Burwell Lectureship of the North American Catalysis Society and is a member of the Comité de Direction, Institut de Recherches sur la Catalyse, at Lyon in France. His lecture on Multimetal Catalysts was enthusiastically received by an appreciative audience.

The Freeport Chemical Company Annual Lectureship was delivered this year by another distinguished researcher in Catalysis, Gilbert F. Froment from the University of Gent in Belgium.

Dr. Froment obtained his Ph.D. in Chemical Engineering from the University of Gent and did post doctoral work at the University of Darmstadt in West Germany and at the University of Wisconsin. He is the author of more than 140 technical papers and the well-known book on chemical reactor analysis with K. B. Bischoff. He received the Belgian Alumni Award in 1966, the Cornez Award in 1976 and the R. H. Wilhelm Award in 1984 and is a frequent visitor to the U.S. where he serves as a consultant to several major corporations.

His prime research area deals with the complex catalytic processes encountered in the petrochemical industry and his lecture "Kinetics in Catalysis and Reaction Engineering" had, again, an enthusiastic audience from industry and the university.

### Engineering Hall of Distinction

This year we did not have any of our alumni inducted into the LSU Engineering Hall of Distinction. While we still dominate this event, we need to ensure a flow of nominations that will continue to recognize the achievement of our alumni. Please be active in the nomination process.

### Advisory Committee

The current roster of committee members is given below:

#### Members From Industry

|   |   |
|---|---|
| C. Glendon Bradley                            | Vice-President Electronic Equipment<br>CIBA Vision Care<br>Division of CIBA Geigy Corporation                       |
| P.L. Thibaut Brian                            | Vice-President - Engineering<br>Air Products and Chemicals, Inc.  |
| Clarence M. Eidt, Jr.<br>(Committee Chairman) | Vice President, Petroleum and Synthetic Fuels<br>Synthetic Fuels Research<br>Exxon Research and Engineering Company |
| Robert W. Gallant                             | General Manager<br>Dow Chemical U.S.A<br>Louisiana Division   |
| M.F. Gautreaux                                | Senior Vice-President<br>Ethyl Corporation  |
| Roy D. Gerard                                 | General Manager<br>Westhollow Research Center<br>Shell Development Company  |
| Mary L. Good                                  | President and Director<br>Signal Research Center, Inc.<br>Allied-Signal   |
| Paul A. McKim                                 | Senior Vice-President<br>Texas Eastern Corporation  |

#### Members from Chemical Engineering Contracting and Consulting Companies

|                   |   |
|-------------------|---|
| Edward T.L. Borie | Senior Vice-President<br>Walk-Haydel and Associates |
| Otha C. Roddey    | President<br>The Parsons Corporation                |
| Cecil L. Smith    | President<br>Cecil L. Smith, Inc.                   |

#### Member from Louisiana Chemical Association

|          |   |
|----------|---|
| Fred Loy | President<br>Louisiana Chemical Association |
|----------|---|

### Members from Academia

|                    |   |
|--------------------|---|
| C. Judson King     | Dean<br>College of Chemistry and Chemical Engineering<br>University of California                   |
| Richard R. Hughes  | Professor<br>Past President AIChE<br>Department of Chemical Engineering<br>University of Wisconsin  |
| Stanley I. Sandler | H. B. DuPont Professor and Chairman<br>Department of Chemical Engineering<br>University of Delaware |

Our thanks go to Mr. Richard Birdwell who retired this year from his position as General Manager, Louisiana Division, Dow Chemical. Dick now returns to Texas. He was a true friend of your Department and a great help to us over the period of time he served on the committee. Thanks also go to Dr. C. Judson King who served as our chairman this past three years. Jud remains on the committee which will now be chaired by Mr. Clarence M. Eidt, Jr.

As you can see, this is a pretty impressive bunch of people who willingly give of their precious time to help the Department. We are indebted to them for all their efforts on our behalf.

#### Opportunities

Again let me remind you that, if your company is not a supporter of the Department, we would be pleased to work with you in developing a proposal for the support of our operation. I have repeatedly told you that our major help in obtaining corporate support stems from joint efforts with our alumni who help us approach their corporate foundations. The eminent scholars act is another way to help by using State funds to leverage private funds and establish chaired professorships in the Department.

### Visitors To The Department

Among the many visitors to the Department this year were:

|                         |                                     |
|-------------------------|-------------------------------------|
| Dr. Craig T. Bowman     | Stanford University                 |
| Dr. C.K. Law            | University of California, Davis     |
| Dr. Dave Pershing       | University of Utah                  |
| Dr. Edward T. White     | University of Queensland, Australia |
| Dr. Steve Melsheimer    | Clemson University                  |
| Dr. Maurice A. Larson   | Iowa State University               |
| Dr. Carl E. Lock        | University of Oklahoma              |
| Dr. Vance Sennecal      | E.I. DuPont                         |
| Mr. Jacques A. Bodelle  | Elf Aquitaine                       |
| Dr. David W.T. Rippin   | ETH, Zurich                         |
| Dr. John Beard          | Clemson University                  |
| Dr. Ronald A. Munson    | U.S. Bureau of Mines                |
| Dr. Phillip G. Meikle   | U.S. Bureau of Mines                |
| Dr. Gregory J. McRae    | Carnegie-Mellon University          |
| Dr. Richard A. Balhoff  | Shell                               |
| Dr. Richard M. Felder   | North Carolina State University     |
| Dr. William H. Sachtler | Northwestern University             |
| Dr. Robert J. Santoro   | National Bureau of Standards        |
| Dr. Bruce J. Taterchuk  | Auburn University                   |
| Dr. Charles A. Eckert   | University of Illinois              |
| Dr. K. D. Papadopoulos  | Tulane University                   |
| Dr. Phillip A. Bryant   | Exxon                               |
| Dr. Gilbert F. Froment  | University of Gent                  |
| Dr. Philip T. Eubank    | Texas A&M University                |
| Dr. Gerry Lyberatas     | University of Florida               |

### Off to Graduate School

Kevin McClanahan, first recipient of the Ron Hartman (BS ChE 1955) Scholarship, is off to UCLA to pursue a Ph.D. in pure mathematics.

Julie Baron is going to pursue a Ph.D. at LSU in Chemical Engineering.

Steve Griffies is going to Northwestern to pursue an MS in applied mathematics before taking up Ph.D. studies in Chemical Engineering elsewhere.

Mary Blanchard will pursue an MS at Washington University in St. Louis.

Nancy S. Huang is going to Rice University to pursue a Ph.D. in Chemical Engineering.

Pin Y. Huang is also going to Rice University to pursue a Ph.D. in Chemical Engineering. Nancy and Pin are sister and brother.

Ann Allen is going to the University of North Carolina to pursue a Ph.D. in Biochemistry.

### Faculty Wedding Bells

Two of the faculty got married this summer:

Geoffrey L. Price married Judy Chan. Judy got her Ph.D. in Chemical Engineering from the University of Pennsylvania and is currently helping in the adult reading program in Baton Rouge.

Kerry M. Dooley married Claire C. Roach. Claire got her B.S. in Chemical Engineering from LSU in 1985 and works at Dow Chemical. Claire was the Dow Outstanding Junior while at LSU. Kerry taught Claire Heat and Mass Transfer and gave her one of the few B's in her career in Chemical Engineering at LSU!



DEPARTMENT ALUMNI CORRESPONDENCE

The purpose of our newsletter is to stay in touch with everyone involved with LSU Chemical Engineering. We have tried to condense your correspondence so that you can see what your classmates are doing today. Of the 3 lists this year, the first is of contributors whom we acknowledge separately, the second gives a condensed version of the correspondence we received in response to last year's newsletter, and the third includes the names of all our alumni for whom we have no address.

| CONTRIBUTORS                       |      |      |       |  |
|------------------------------------|------|------|-------|--|
| Name                               | B.S. | M.S. | Ph.D. | Company & Comments                         |
| <sup>2</sup> David J. Bergeron     | '24  |      |       | Napoleonville, LA Retired                  |
| <sup>4</sup> Roy P. Daniels        | '26  | '27  |       | Port Arthur, TX Chevron                    |
| <sup>1</sup> Clement A. Barrere    | '26  |      |       | Houston, TX Former Owner/C-E Lummus        |
| <sup>5</sup> Jesse Coates          | '28  |      |       | Baton Rouge, LA                            |
| <sup>3</sup> Durward O. Wilkes     | '32  |      |       | Baton Rouge, LA Exxon                      |
| <sup>1</sup> Willard E. Babin      | '35  |      |       | Baton Rouge, LA Exxon                      |
| <sup>2</sup> Vito E. Dimiceli      | '35  |      |       | Port Arthur, TX Texaco - Retired           |
| <sup>3</sup> William W. Hannaman   | '35  | '37  |       | Baton Rouge, LA Exxon                      |
| <sup>2</sup> H. A. Leblanc, Jr.    | '35  |      |       | Norco, LA                                  |
| <sup>6</sup> Lewis Price           | '35  |      |       | Baton Rouge, LA Exxon                      |
| <sup>2</sup> Joseph N. Foret, Jr.  | '37  |      |       | Thibodeaux, LA                             |
| <sup>2</sup> Henry H. Wall         | '37  |      |       | Baton Rouge, LA Retired Ethyl              |
| <sup>1</sup> Benjamin W. Fridge    | '38  |      |       | Reno, NV                                   |
| <sup>4</sup> David C. Walsh, Jr.   | '39  |      |       | Ingram, TX Exxon                           |
| <sup>3</sup> T. Ben Arnold         | '40  | '42  |       | Carlsbad, CA Atlantic Richfield            |
| <sup>1</sup> George P. Lemoine     | '40  |      |       | Bunkie, LA Lemoine Bros., Inc.             |
| <sup>1</sup> Francis T. Ratliff    | '40  |      |       | Rhineland, WI Retired, St. Regis Paper Co. |
| <sup>2</sup> Varner E. Dudley, Jr. | '42  |      |       | Huntsville, AL                             |
| <sup>2</sup> Malcolm C. Lowe, Jr.  | '42  |      |       | Hazlehurst, MO Retired-Monsanto/1976       |
| <sup>2</sup> Thomas S. Granberry   | '44  | '54  |       | Fairfax Station, VA Mobil Oil Corp.        |

| CONTRIBUTORS                       |      |      |       |  |
|------------------------------------|------|------|-------|--|
| Name                               | B.S. | M.S. | Ph.D. | Company & Comments                               |
| <sup>2</sup> Robert F. Westall     | '45  |      |       | New Brunswick, NJ Mobil                          |
| <sup>1</sup> George E. Carlson     | '47  |      |       | E. Brunswick, NJ Thomas J. Lipton                |
| <sup>1</sup> Stanley P. Koltum     | '48  |      |       | Metairie, LA                                     |
| <sup>2</sup> William G. Reymond    | '48  |      |       | Houston, TX                                      |
| <sup>5</sup> Henry G. Abbott       | '49  |      |       | Pelham Manor, NY Exxon                           |
| <sup>2</sup> Edmond P. Brignac     | '49  |      |       | Decatur, AL Monsanto                             |
| <sup>3</sup> Joseph F. Butterworth | '49  |      |       | Humble, TX Exxon                                 |
| <sup>5</sup> Philip R. Dykstra     | '49  | '50  |       | Brigham City, MT Morton Thiokol Corp.            |
| <sup>2</sup> Edmund F. Metz        | '49  |      |       | Baton Rouge, LA Copolymer                        |
| <sup>3</sup> M. W. Rosenthal       | '49  |      |       | Oak Ridge, TN                                    |
| <sup>4</sup> Roy L. Trusty         | '49  |      |       | Round Top, TX Exxon                              |
| <sup>4</sup> E. Malcolm Harvey     | '50  |      |       | Newnan, GA Ethyl                                 |
| <sup>2</sup> Finis S. Patton       |      | '50  |       | Oak Ridge, TN                                    |
| <sup>1</sup> M. C. Schroder, Jr.   | '50  |      |       | Aiken, SC Du Pont                                |
| <sup>5</sup> J. A. Barake          | '51  |      |       | Bogata, Columbia JAB Consultoria Industrial      |
| <sup>4</sup> P. L. Thibaut Brian   | '51  |      |       | Allentown, PA Air Products, Inc.                 |
| <sup>1</sup> Warren J. Molaison    | '51  |      |       | Hopewell, VA                                     |
| <sup>5</sup> E. A. Rozas           | '51  |      |       | Sarnia, Ontario Dow Chemical                     |
| <sup>5</sup> Albert Wehe           | '52  | '53  |       | Raleigh, NC U.S. Environmental Protection Agency |
| <sup>6</sup> Roy Gerard            | '53  | '58  |       | Houston, TX Shell                                |
| <sup>4</sup> Bivins H. Williams    | '54  |      |       | Houston, TX Conoco                               |
| <sup>5</sup> Nai Y. Chen           |      | '54  |       | Titusville, NJ Mobil                             |
| <sup>2</sup> Cushman M. Cambre     | '55  | '60  |       | Cincinnati, OH Proctor & Gramble                 |
| <sup>1</sup> Jan Barlow, Jr.       | '55  |      |       | Moss Point, MS                                   |
| <sup>1</sup> George Irwin          | '55  |      |       | New Orleans, LA E.L.I., Inc.                     |

| <u>CONTRIBUTORS</u><br>Name          | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>           | <u>Company &amp; Comments</u> |
|--------------------------------------|-------------|-------------|--------------|--------------------------|-------------------------------|
| <sup>1</sup> Marvin D. Roof          | '55         |             |              | Baton Rouge, LA          | Ethyl                         |
| <sup>2</sup> Jimmie D. Sippel        | '55         |             |              | Spring, TX               |                               |
| <sup>2</sup> H. M. Brau del Toro     |             |             | '56          | San Juan, PR             |                               |
| <sup>2</sup> James A. Breaux         | '56         |             |              | Greenville, SC           | Bowater North America         |
| <sup>4</sup> Clarence M. Eidt, Jr.   | '56         | '62         |              | Far Hills, NJ            | Exxon                         |
| <sup>3</sup> Wayne T. Davis          | '57         | '59         |              | Baton Rouge, LA          | Ethyl                         |
| <sup>5</sup> M. F. Gautreaux         |             |             | '58          | Baton Rouge, LA          | Ethyl                         |
| <sup>2</sup> Alfred P. Anderson      | '61         | '63         |              | Gonzales, LA             | Ethyl                         |
| <sup>2</sup> Robert E. Eakin         | '61         |             |              | Lake Charles, LA         | PPG Industries                |
| <sup>1</sup> Howard C. Kliesch       | '61         |             |              | Thousand Oaks, CA        |                               |
| <sup>1</sup> Enrique Levy            | '61         |             |              | Englewood, NJ            |                               |
| <sup>2</sup> E. A. Martin            | '61         | '62         |              | Baton Rouge, LA          | Ethyl                         |
| <sup>1</sup> Nolen M. Rome           | '62         |             |              | Marrero, LA              | Mobil                         |
| <sup>4</sup> George A. Daniels       | '63         |             |              | Baton Rouge, LA          | Ethyl                         |
| <sup>2</sup> Joseph A. Kleinpeter    | '65         |             |              | Chadds Ford, PA          |                               |
| <sup>1</sup> James S. Nolen          | '65         |             |              | Houston, TX              |                               |
| <sup>1</sup> James A. Paulsen        | '67         |             |              | Baton Rouge, LA          | Borden                        |
| <sup>2</sup> Wayne P. Kraus          |             | '68         | '72          | Tulsa, OK                | Amoco                         |
| <sup>1</sup> Oran A. Ritter, Jr.     | '68         |             |              | Baton Rouge, LA          | Ethyl                         |
| <sup>2</sup> Edward J. Lui           | '69         |             |              | Aiea, HI                 |                               |
| <sup>2</sup> Eldon E. Atkinson, Jr.  | '70         | '71         |              | Greenwell Springs,<br>LA | Ethyl                         |
| <sup>3</sup> Jerry W. Affolter, Jr.  | '71         |             |              | Baton Rouge, LA          | Exxon                         |
| <sup>1</sup> Wilson Gautreaux, Jr.   | '73         | '79         | '81          | Mt. Pleasant, SC         | Westvaco                      |
| <sup>1</sup> Oliver W. Hargrove, Jr. | '73         | '75         |              | Austin, TX               | Radian                        |
| <sup>3</sup> Thomas J. Guidry        | '74         |             |              | Humble, TX               | Mobil                         |

| <u>CONTRIBUTORS</u><br>Name       | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>    | <u>Company &amp; Comments</u> |
|-----------------------------------|-------------|-------------|--------------|-------------------|-------------------------------|
| <sup>2</sup> Roger L. Swanson     | '74         |             |              | Alexandria, VA    |                               |
| <sup>2</sup> Suresh M. Vora       |             |             | '74          | Baton Rouge, LA   | Air Products                  |
| <sup>1</sup> Felix Ah-Kee         | '75         |             |              | Pukalani, HI      | Alexander & Baldwin, Inc.     |
| <sup>1</sup> Dennis M. Bergeron   | '75         |             |              | St. Louis, MO     |                               |
| <sup>3</sup> Wm. McElhannon, Jr.  |             | '75         | '78          | Bellaire, TX      | National Westminster Bank     |
| <sup>4</sup> David R. Smith       | '75         |             |              | Baton Rouge, LA   | Ethyl                         |
| <sup>1</sup> James W. Turner      | '76         |             |              | LaPorte, TX       | Monsanto                      |
| <sup>3</sup> R. Douglas White     |             | '76         |              | Baton Rouge, LA   | Exxon                         |
| <sup>1</sup> W. David Constant    | '77         | '80         | '84          | Baton Rouge, LA   | LSU-Petroleum Engineering     |
| <sup>4</sup> John M. Didier       | '78         |             |              | Dalton, GA        | Dow                           |
| <sup>3</sup> Susan Hadlock Ottsen | '79         |             |              | Billings, MT      | Exxon                         |
| <sup>2</sup> David G. Brignac     | '80         |             |              | Gramercy, LA      | Exxon Res. & Dev. Labs        |
| <sup>2</sup> Louis Gaston         | '82         |             |              | San Francisco, CA | Chevron                       |
| <sup>3</sup> James R. Combes      | '82         |             |              | Richmond, CA      | Chevron                       |
| <sup>2</sup> Peter B. Choi        |             |             | '82          | Daejeon, Korea    | Korea Institute of Energy     |
| <sup>4</sup> John Cartwright      |             |             |              | Humble, TX        | Exxon                         |

- 1 \$0-99
- 2 \$100-249
- 3 \$250-499
- 4 \$500-999
- 5 \$1000-2499
- 6 \$2500 & up

The category of donation is indicated by the given notation. The donations include both the personal funds and the corporate matching funds.

CORRESPONDENCE

This is the list of those individuals who contacted us after last years newsletter, or about whom we had news sent in by others.

| <u>Name</u>         | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>    | <u>Company &amp; Comments</u>  |
|---------------------|-------------|-------------|--------------|-------------------|--|
| Ray W. Alleman      | '21         |             |              | Monroe, LA        | Deceased   |
| David J. Bergeron   | '24         |             |              | Napoleonville, LA | Retired  |
| John Allen          | '34         |             |              | Baton Rouge LA    | Deceased   |
| Harvard I. Busse    | '34         |             |              | Glynn, LA         | Deceased - 9/27/83   |
| Fleet C. Ratliff    | '34         | '36         |              | Lacey, WA         | Deceased - 10/24/83  |
| Robert DeTrafford   | '35         |             |              |                   | Deceased   |
| William W. Hannaman | '35         | '37         |              | Baton Rouge, LA   | Exxon - Retired  |
| Charles A. Shapard  | '35         |             |              | Tallahassee, FL   | Deceased-May 11, 1985  |
| Leon Siegel         | '36         | '39         |              | El Paso, TX       | Former owner-El Paso Chemical Laboratories, Retired '79; Deceased-May 11, 1983                                     |
| Harold I. Holdeman  | '38         |             |              | Orange, TX        | Firestone Synthetics - Retired   |
| Francis T. Ratliff  | '40         |             |              | Rhineland, WI     | St. Regis Paper Co. - Retired  |
| Samuel C. Kahn      | '43         |             |              | Wilmington, DE    | E.I. Dupont Consultant - information technology, develops computer architecture and taxonomy for computer systems. |
| Robert H. Marshall  | '43         |             |              | Houston, TX       | Ethyl Corp.-Retired; Winner of the 1985 Founders Award of The AIChE, Houston, TX                                   |
| Paul A. McKim       | '43         | '47         | '49          | Houston, TX       | Texas Eastern Corp.-Senior Vice President & Head of Process Group  |
| Robert O. Rosewall  | '47         |             |              | Weimar, TX        | Exxon-Retired 1984; Currently acts as consultant and realtor   |

| <u>Name</u>           | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>     | <u>Company &amp; Comments</u>  |
|-----------------------|-------------|-------------|--------------|--------------------|--|
| John W. Melancon      | '50         |             |              | Springfield, IA    | Kaiser Aluminum Retired - Living on Tickfaw River - fishing, hunting, gardening; Chairman of the Pennington Medical Foundation; Currently constructing the Biomedical Research Facility on Perkins Rd. for LSU |
| P.L. Thibaut Brian    | '51         |             |              | Allentown, PA      | Air Products & Chemicals, Inc.- Vice President, Elected Director of the AIChE, Allentown, PA   |
| Owen C. Parker        | '51         |             |              | Georgetown, SC     | International Paper Co.  |
| Merlin Koenecke       |             | '55         |              | Baton Rouge, LA    | Ethyl Plant Manager  |
| James A. Breaux       | '56         |             |              | Greenville, SC     | Bowater, Inc. Vice-President Manufacturing Services  |
| Horacio Baena         | '57         |             |              | Cali, Columbia     | Consulting Engineer  |
| Donald J. Bonin       | '57         |             |              | Baton Rouge, LA    | Allied Corporation, Vice-President & General Manager - Plastics Group  |
| Palmer Brown          | '57         |             |              |                    | Deceased   |
| Howard M. Sigler, Jr. | '57         |             |              | Bartlett, TN       | Dupont Company   |
| Richard L. Heller     | '59         |             |              | Denham Springs, LA | Head of Metering & Weighing Specialist   |
| Paul G. Pedersen      | '59         |             |              | Houston, TX        | The Falick/Klein Partnership Architects and Engineers - Senior Vice President; Director of Medical Equipment specializing in hospital and health facility design   |
| Elmer L. Morton, Jr.  | '60         | '65         |              | Cullowhee, NC      | E. Carolina State University   |
| William J. Hatcher    | '64         | '68         |              | Tuscaloosa, AL     | Research Professor, Chemical Engineering Department, University of Alabama; named a fellow of the AIChE  |
| Joseph Kleinpeter     | '65         |             |              | Chadds Ford, PA    | E.I. Dupont Section Manager - Information Systems Dept.  |

| <u>Name</u>          | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>        | <u>Company &amp; Comments</u>  |
|----------------------|-------------|-------------|--------------|-----------------------|--|
| John L. Medina       | '66         |             |              | Teterboro, NJ         | Degussa Corporation - Product Manager of the Chemical Division   |
| Claude G. Bradley    |             | '67         | '69          | Greensboro, NC        | Ciba Geigy Vice-President - Electronic Equipment   |
| Paul J. Bilello      | '68         |             |              | Plaquemine, LA        | Dow Chemical Plant - Superintendent-Propylene Oxide/Propylene Glycol Plant                                   |
| Robert H. Jones, Jr. |             | '70         |              | Baton Rouge, LA       | Ethyl Corporation Supervisor, R&D Department   |
| George A. Newbill    |             | '70         |              | Orangeburg, SC        | Ethyl Plant Manager - (Correction to last newsletter - not deceased)!!! We were given incorrect information. |
| Drew A. Browning     | '72         |             |              | Layton UT             | USAF Assistant Chief - Evaluation Operations Branch  |
| Oliver Hargrove      | '73         | '75         |              | Austin, TX            | Baby boy, James Warren, born 12-20-85, 8 lbs. 6½ oz. 21 3/4 inches   |
| Felix Ah-Kee         | '75         |             |              | Pukalani, HI          | Hawaiian Commercial & Sugar Company - Manager of planning and capital programs                               |
| Murry McMillan       | '76         |             |              | Greenwell Springs, LA | Ciba-Geigy Corporation - Staff Environmental Engineer Recently, had a baby boy born 2/12/85-Benjamin Allen   |
| Michael Campagna     | '78         |             |              | Prairieville, LA      | Rubicon Chemicals - Production Engineer  |
| David E. Nelson      | '78         |             |              | Tyler, TX             | Exxon; Recently had a baby boy born Nov. 13, 1985 - Matthew Tyler  |
| Lana L. Schnexayder  | '79         |             |              | New Orleans, LA       | Chevron USA, Inc. - Chemical & Process Engineer  |
| James A. Zachary     | '79         |             |              | New Orleans, LA       | Oschner Foundation Hospital - Resident   |
| Curtis Lemoine       | '80         |             |              | Decatur, TX           |  |

| <u>Name</u>        | <u>B.S.</u> | <u>M.S.</u> | <u>Ph.D.</u> | <u>Address</u>     | <u>Company &amp; Comments</u>   |
|--------------------|-------------|-------------|--------------|--------------------|---|
| Catherine Zachary  | '80         |             |              | Baton Rouge, LA    | Dow Chemical - Production Engineer in Chlor-Alkali Group Currently doing capital projects                                       |
| Wilmer K. Mounger  | '82         |             |              | Baton Rouge, LA    | Formosa Plastics Corporation, LA - Production Superintendent Chlor-Alkali Group - Keri Elizabeth-born 3/30/85                   |
| Deborah B. Cameron | '83         |             |              | New Orleans, LA    |   |
| Dwayne P. Cormier  | '83         |             |              | Virginia Beach, VA | Virginia Dept. of Health Div. of Water Programs   |
| Leslie C. Hollis   | '83         |             |              | Iberville, LA      | Dow Chemical - Production Engineer  |
| David A. Ivey      | '83         |             |              | Cocoa Beach, FL    | Lockheed Space Operations Company - Production/Associate Engineer for Thermal Protection System for space transportation system |
| Sarah B. Thigpen   | '83         |             |              | Luling, LA         | Union Carbide Corporation - Production Engineer   |
| Keri T. Aubert     | '84         |             |              | Fairbanks, AL      |   |
| Susanne Wintz      | '84         |             |              | Gonzales, LA       | Occidental Chemical Corp. - Associate Process Engineer  |
| Ronnie Barksdale   | '84         |             |              | Baton Rouge, LA    | BASF Wyandotte Corp. - Geismar Production Engineer-Ethylene Oxide/Ethylene Glycol Unit  |
| James H. Dowling   | '84         |             |              | Metairie, LA       | Tenneco Oil-Process Engr. involved in aromatics production and alkylation.  |
| Michael A. Sander  | '84         |             |              | Houston, TX        | Air Products & Chemicals Nitration Division   |

LOST ALUMNI

We have no addresses for the following alumni. If you can help us locate them we would appreciate it. I am sure they would also be pleased to receive the newsletter and renew contact with the department.

It is also possible that some of the addresses which we have are incorrect. If you know of a fellow alumnus who is not listed below and is not receiving the newsletter, he falls in that category. Please have him (her) send us the correct address.

|     |                          |     |                            |     |                          |     |                          |
|-----|--------------------------|-----|----------------------------|-----|--------------------------|-----|--------------------------|
| '15 | Cyrus T. Helm            | '40 | George L. Montet           | '49 | Roger F. Detman          | '56 | Donald M. Bordelon       |
| '15 | John R. Mays, Jr.        | '41 | Robert R. Bridges, Jr.     | '49 | Thomas M. Logan          | '56 | Larry L. Devillier       |
| '22 | Norman G. Platts         | '41 | John P. Ketteringham, Jr.  | '49 | John R. Major            | '56 | Wylie B. Hogeman         |
| '24 | Ernest E. McCollough     | '41 | John H. Kleinpeter, Jr.    | '49 | Leslie L. Raiford        | '56 | Thomas W. Howard         |
| '33 | Russell N. Lay           | '41 | Charles A. Overstreet, Jr. | '49 | Durward J. Templet       | '56 | Kenneth Hoy              |
| '33 | Lawrence O. Lord         | '42 | William F. Daniels         | '50 | Harish C. Anand          | '56 | Robert Pole              |
| '34 | Samuel R. Fitzgerald     | '42 | Frank D. McElwee           | '50 | Earl P. Babin            | '57 | Philip D. Accardo        |
| '34 | James E. Lindsay         | '42 | Robert E. McMillan         | '50 | Adolph M. Bartolo        | '57 | Eduardo J. Alazraqui     |
| '35 | Henry P. Broussard, Jr.  | '42 | Gilbert F. Moore           | '50 | Raul V. Capote           | '57 | Yeganeh A. Amir          |
| '35 | Mary L. Digirolamo       | '43 | Leo B. Kaough              | '50 | De La Mora V. Carreto    | '57 | Lino E. Ayala            |
| '35 | Albert P. Garner         | '43 | Jack V. Sams               | '50 | Charles V. Chachere      | '57 | Horacio Baena            |
| '35 | Richard A. Pratt         | '43 | George A. Speir, Jr.       | '50 | Avice G. Dubuissan       | '57 | Maurice F. Beauvais      |
| '35 | M.R. S. Rao              | '44 | Manuel Mestre              | '50 | Albert L. Fourmy         | '57 | Carl C. McCoy, Jr.       |
| '36 | James R. Colvin          | '44 | Jack W. Racine             | '50 | Gene A. Freiss           | '57 | Frederick E. Marsh, Jr.  |
| '36 | Carl W. Davidson         | '45 | Armando Alonso             | '50 | Juan I. Gabilondo        | '57 | Norwood W. Matherne      |
| '36 | Lealand A. Enberg        | '45 | Juan Castresana            | '50 | Thomas E. Linder         | '57 | John W. Maurin           |
| '36 | Herbert W. Hobgood       | '45 | Charles B. Richard         | '50 | Boyce Nunnally, Jr.      | '58 | Joseph M.P.H. Adam       |
| '36 | Louise T. Kennedy        | '46 | Elbert R. Harris           | '50 | Clarence E. Phillips     | '58 | Augustine J. Corona      |
| '36 | James H. McGee           | '46 | John J. Meyer              | '50 | Robert D. Platt          | '58 | Joseph S. Cueria         |
| '36 | Louis C. Palmer          | '46 | William C. Perry           | '50 | Wilson C. Pullig         | '58 | Harry A. Edwards         |
| '36 | Francisco P. Pilapil     | '47 | George C. Conrad           | '50 | Joseph E. Steiner        | '58 | Robert L. Evans          |
| '36 | Alvin D. Rolufs          | '47 | William E. Godfrey, II     | '51 | Basil W. Andrews         | '58 | Robert L. Hall           |
| '37 | John L. Burt, Jr.        | '47 | Marion J. Goodwill         | '51 | Carney A. Brice, Jr.     | '58 | Franklin M. Ingram       |
| '37 | Stephen A. Caldwell, Jr. | '47 | Sam A. Ingrassia           | '51 | Alfred W. Evans, Jr.     | '58 | Mohan S. Kothari         |
| '37 | Delma M. Cointment       | '47 | Kenneth R. La Croix        | '51 | Albert L. Gagneux        | '58 | Euclide J. Leleux        |
| '37 | Angel A. Colon           | '47 | Fred C. Grouрке            | '51 | Arnold J. Gully          | '58 | Jean P. Mariani          |
| '37 | John T. Franques         | '48 | Chimanbhai I. Amin         | '51 | Ruble L. Huff            | '58 | William C. Meek, Jr.     |
| '37 | Edwin Liebert            | '48 | Armando M. Abay            | '51 | Joseph K. Kendrick       | '58 | Bobby M. Miller          |
| '37 | Morris L. Perlman        | '48 | Harry W. Brown             | '51 | Lonnie Z. Mallory, Jr.   | '58 | Sayed H. Nassar          |
| '38 | William Y. Gissel        | '48 | William B. Chancellor      | '51 | Ramon A. Merino          | '58 | Maurice K. Nasser        |
| '38 | Elmer Harris             | '48 | Lee A. Crenshaw            | '51 | Jimmy E. Middleton       | '58 | Joseph T. Regard         |
| '38 | Walter H. Johnson        | '48 | Vicente I. Diego           | '52 | Omar Arape               | '58 | William C. Russo         |
| '38 | William Kenda            | '48 | Guillermo A. Dominguez     | '52 | Fernando H. Bergonzoli   | '59 | Charles E. Adams         |
| '38 | Marcel J. Voorhies, Jr.  | '48 | Arthur J. Flint            | '52 | Luther D. Buckels        | '59 | Troy E. Bain             |
| '39 | Roy V. Comeaux           | '48 | Harold L. Keaton           | '52 | Oscar D. Duncan          | '59 | Richard I. Brown         |
| '39 | Jerry L. Dickson         | '48 | Clarence E. McMillan, Jr.  | '52 | Bernard P. Landry, Jr.   | '59 | Joseph S. Cogliatti, Jr. |
| '39 | Leonard R. Knight        | '48 | Marvin S. Park             | '52 | John J. Owen, Jr.        | '59 | James K. Crochet         |
| '40 | Henry Blanchet           | '49 | Maurice G. Baxter          | '52 | Raymond Raffray          | '59 | Robert H. Ells, III      |
| '40 | James W. Bridges         | '49 | James C. Crews             | '53 | Wilbur A. Kean           | '59 | Jai N. Goel              |
| '40 | Phelan W. Eatman         | '49 | Edmund P. Davis            | '54 | Tildon J. Hebert         | '59 | Thomas C. James          |
| '40 | Y Ebra J. Lopez          | '49 | Jacques R. Destantoine     | '54 | Gene A. Johnson          | '59 | Harold D. Jelks          |
|     |                          |     |                            | '54 | Humberto P. Machado      | '59 | Robert H. Jines          |
|     |                          |     |                            | '54 | Jose A. Moncada          | '59 | Gerald W. Kattong        |
|     |                          |     |                            | '54 | Pennywitt J. Naquin, III | '59 | Habib Labbauf            |
|     |                          |     |                            | '54 | Mario Posada             | '59 | Freddy W. Landae         |
|     |                          |     |                            | '55 | Zevada M. Avalos         | '59 | Eugene Y.C. Lau          |
|     |                          |     |                            | '55 | Albert K. DeFrance, Jr.  | '59 | Donald R. Megison        |
|     |                          |     |                            | '55 | William P. Gregory, Jr.  | '59 | Curry L. Miller          |
|     |                          |     |                            | '55 | Raymond C. Hatfield      | '59 | Jerry C. Miller          |
|     |                          |     |                            | '55 | Eugene W. Luce           | '59 | James S. Piker           |
|     |                          |     |                            | '55 | Guy C. McCombs, II       | '59 | Jackie N. Pullig         |
|     |                          |     |                            | '55 | Wilhelmus Melis          | '59 | John M. Webre            |
|     |                          |     |                            | '55 | Jerry G. Moffett, Jr.    | '60 | Charles E. Beckler       |
|     |                          |     |                            | '55 | Paul E. Otto             | '60 | Ronald G. Corley         |

|     |                          |     |                         |     |                          |     |                            |
|-----|--------------------------|-----|-------------------------|-----|--------------------------|-----|----------------------------|
| '60 | George P. Distefano      | '62 | Jeff W. Baird           | '65 | George L. Potter, Jr.    | '69 | Yu-Chin L. Chen            |
| '60 | Robert W. Dupree, Jr.    | '62 | Leonard M. Boudreaux    | '65 | Chung Ying Liu           | '69 | John L. Dale               |
| '60 | Jose L. Fuertes          | '62 | Fred E. Causey          | '65 | Madhugiri S.R. Ramesh    | '69 | Aurrecochecha A. Deaguirre |
| '60 | Joseph K. Gautreaux      | '62 | Eugene F. Delaune, II   | '65 | Nora A. Sanchez          | '69 | Allen J. Eschette, Jr.     |
| '60 | Sebert A. Haynes         | '62 | Charles R. Guerin       | '65 | Roderick H. Simmons      | '69 | Jerry D. Fourroux          |
| '60 | Jewel A. Hymel           | '62 | Jack W. Harris          | '65 | Antonio Velidanes        | '69 | Melvin J. Guillory, Jr.    |
| '60 | Charles E. Knight        | '62 | Hillery T. Kemp         | '65 | Paul F. Woolverton       | '69 | Jules A. Lambert           |
| '60 | Robert W. LaCour         | '62 | Cecil P. Leochett       | '66 | Charles C. Boudreaux     | '69 | Yu-Chin Liu                |
| '60 | William F. Lanigan       | '62 | James M. McCormick      | '66 | Gerardo T. Brink         | '69 | James R. McClelland        |
| '60 | Joseph G. Land, Jr.      | '62 | John P. Moore, Jr.      | '66 | Richard F. Buckley       | '69 | Charles W. Morgan          |
| '60 | John V. Landry, Jr.      | '62 | John B. Petty, III      | '66 | Orlando E. Cardoso       | '69 | Ivan A. Navarro            |
| '60 | Michael J. Maurin        | '62 | Walter H. Plain         | '66 | Ronald A. Combe          | '69 | Jose M.D. Paniza           |
| '60 | Fuertes J. Mendez        | '62 | Arthur A. Renaudin, Jr. | '66 | Larry D. Fayard          | '69 | Shantilal V. Patel         |
| '60 | John L. Morrison, Jr.    | '62 | Henry M. Troth, Jr.     | '66 | Orie H. Gay, Jr.         | '69 | James N. Wilkes            |
| '60 | Larry J. Remont          | '62 | James V. Valliant, Jr.  | '66 | James E. Horn            | '70 | Ricardo J. Abascal         |
| '60 | Bryon L. Rogillio        | '63 | Jose F. Agreda          | '66 | Kwok-Fu Lee              | '70 | John F. Balhoff            |
| '60 | Jacques L. Saudy         | '63 | Maria Z. Aguilar        | '66 | William G. McGlasson     | '70 | Alvaro Campuzano           |
| '60 | Charles L. Smith         | '63 | Eunice E. Byrd          | '66 | Pedro J. Nogueira        | '70 | Ignacio G. Del Valle       |
| '60 | Shwen-ih Wang            | '63 | Jesse M. Carroll        | '66 | Bueno J. Porres          | '70 | James W. Fontenot          |
| '60 | Jerry W. Watts           | '63 | Eugene G. Coco, Jr.     | '66 | Sims L. Roy, Jr.         | '70 | Michael T. Hackler         |
| '60 | Richard W. White         | '63 | Robert Guerra, Jr.      | '66 | Richard J. St. Pierre    | '70 | Mabry M. Handley           |
| '60 | Don W. Wolsefer          | '63 | Daniel H. Longwell      | '66 | Mario M. Salinus         | '70 | Gary H. Johnson            |
| '61 | Heraldo A. Agreda        | '63 | Billy W. Hagee          | '67 | Richard G. Beecher       | '70 | John A. Miller             |
| '61 | Larn C. Anglin, Jr.      | '63 | Yves A. Poret           | '67 | Shelton R. Birch         | '70 | William M. Nassar          |
| '61 | Jose G.L. Barredu        | '63 | Jimmie D. Pottorff      | '67 | James H. Doub            | '70 | Jayant K.S. Patel          |
| '61 | Thomas J. Boliew         | '63 | Francisco Rovira        | '67 | Joseph L. Edmonson       | '70 | Kyle L. Preston, Jr.       |
| '61 | Ronald L. Clark          | '63 | Virendou R.S. Sirohi    | '67 | Howard M. Elder, Jr.     | '70 | Michael R. Spivey          |
| '61 | Jorge A. Clemente        | '63 | Leo S. Sues             | '67 | Raul V. Fonte            | '70 | Eduardo R. Suarez          |
| '61 | Hector J. Corella        | '63 | James E. White          | '67 | Wilbert S. Fox           | '70 | Filipe J. Suarez           |
| '61 | Kenneth M. Frith         | '64 | David G. Caddy          | '67 | Luis Uguento             | '70 | Robert W. Whelove          |
| '61 | Jimmy M. Givens          | '64 | Ivan E. Caro            | '67 | Eduardo R. Martinez      | '70 | Tom G. Winterton           |
| '61 | Carlos E. Gutierrez      | '64 | Richard H. Caro         | '67 | Hooshang S. Moghani      | '71 | Saeed Aflakian             |
| '61 | Ernest W. Harrison       | '64 | Danilo P. Castillo      | '67 | Gerald R. Read           | '71 | Sain D. Anand              |
| '61 | James C. Holland         | '64 | Rao Devarokonda         | '67 | John B. Schexneydar      | '71 | Jose F. Azouth             |
| '61 | Manduley E. Insua        | '64 | Omar J. Esmal           | '67 | Walter R. Young          | '71 | Charles S. Bonzagni        |
| '61 | Waldon J. Landry         | '64 | Ramon L. Espino         | '68 | Arunendu Bhattacharya    | '71 | Ernest H. Boudreaux        |
| '61 | Boyd Y. Leblanc          | '64 | Vernon R. Hartdegen     | '68 | Sidney V. Bourgeois, Jr. | '71 | Richard E. Dorris          |
| '61 | Barrenda Jose G Lopez    | '64 | James T. Kennison       | '68 | Robert J. Camacho        | '71 | James H. Dube              |
| '61 | Humberto E. Lopez        | '64 | Herbert J. Louque       | '68 | Ricardo J. Gomez         | '71 | Donald D. Esch             |
| '61 | Sanchez H. Lopez         | '64 | Jose M. Milian          | '68 | Guy J. Harel             | '71 | Segundo Fernandes, Jr.     |
| '61 | Enrique C. Manduley      | '64 | Gary M. Montgomery      | '68 | Ronnie D. Jackson        | '71 | James B. Froisy            |
| '61 | Gaylen L. Nix            | '64 | Motiran K. Patil        | '68 | Jorge L. Martinez        | '71 | Steven R. Guidry           |
| '61 | Jorge A. Pino            | '64 | Pietro K. Piralla       | '68 | Joseph L. Mass           | '71 | Robert W. Hartman          |
| '61 | Fernando X.W. Pires      | '64 | Huey P. Prater          | '68 | Julio C. Padilla         | '71 | Mohammad R. Hoghughy       |
| '61 | Victor Plas              | '64 | Denarakonda H. Rao      | '68 | Timothy J. Pardue        | '71 | Mark A. Jeffers            |
| '61 | Emilio R. Rivera         | '64 | Juan R. Santa-Coloma    | '68 | Kenneth J. Parent, Jr.   | '71 | Thomas R. Kohn             |
| '61 | David F. Schnebeien      | '64 | Reese W. Sumrall, Jr.   | '68 | Oscar A. Peraza          | '71 | Michael W. Leger           |
| '61 | Leonard H. Sedlin        | '64 | Robert G. Tripp         | '68 | Jerry D. Price           | '71 | Michael E. McAdams         |
| '61 | Knochudy N. Shenoy       | '64 | Donald C. Warren        | '68 | David F. Sellen          | '71 | Maxwell C. McDonald, Jr.   |
| '61 | Vincent S. Verneuil, Jr. | '65 | Nolan J. Adams          | '68 | George R. White, III     | '71 | Durward L. McLaughlin      |
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| '61 | Glenn L. Wise            | '65 | Malcolm L. Dove         | '69 | Byron B. Bacas           | '71 | Ronald D. Miles            |
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 SPRING SEMESTER 1986

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