



General Engineering Newsletter

University of Illinois at Urbana-Champaign
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Department Head Thomas F. Conry accepts check from alumnus Jerry Hogan of MCI.

MCI Funds Undergrad Initiative In Telecommunications Design

MCI Telecommunications Corp. has donated \$30,000 to the UI Department of General Engineering for a new undergraduate initiative in telecommunications design.

Beginning in Spring 1996, juniors and seniors in engineering will be able to take classes in telecommunications-network design, data communications, and switching. The College of Engineering now offers about 90 courses in telecommunication, but not in those specific areas, UI officials said.

MCI also will sponsor several summer internships and co-op arrangements at its networkMCI Services headquarters in Richardson, Texas, for UI undergraduates enrolled in telecommunication courses. The networkMCI division is responsible for developing MCI's information technology.

Prof. Thomas Conry, GE Department Head, said the program will be one of the first in the country to combine telecommunications system design with strong training programs at a major telecommunications company.

The MCI grant will be used to develop the first course in a secondary field in telecommunications to be taught by Prof. R. S. Sreenivas. He joined the GE Department in Aug. 1992.

Others present for the check presentation from alumnus Jerry Hogan of MCI to Prof. Conry were Ethelind Ho, B.S. GE, '94; Troy Danko, GE '90; and Jim Eggerichs, B.S. Physical Education, '59.

GE Students Advised For '95 Fall Classes, Use Direct Registration

The Department of General Engineering has inaugurated its plan for advising in conjunction with UI Direct Registration for Summer Sessions and Fall Semester, 1995.

The long-awaited UI Direct Registration, in the planning for four years, was employed for the first time this spring. Under this system, students registered for classes on a first-come, first-serve basis.

Under UI Direct, early registration for classes (replacing the traditional advance-enrollment) took place over a three-week period, April 3-21. This was done to ease loading on the computer system and allow enough terminal time for each student.

GE students participated in three two-day general advising periods, March 29-30, April 5-6, and April 12-13. These were arranged to accommodate the staggered registration times set aside for seniors, juniors, sophomores, and freshmen, in that order.

With actual class sign-ups now directly at the finger tips of students, the advising sessions have been relieved of the traditional fill-out-the-forms-and-get-them-signed experience. Advising-period time may now be devoted more to obtaining approvals to take special courses, determining what courses to take in the next term, including required, secondary-field, social-science-and-humanity ones, obtaining career guidance, planning special-program activities such as Co-op, study-abroad, and options and minors in the College; clearing up inconsistencies in degree-audit information, etc.

To assist students and advisors alike in this new era, the General Engineering Department introduced its highly-touted computerized Course Planning Consultant (CPC), originated by Prof. Michael Pleck and programmed by GE graduate students Carlos Pero and David Ruder. This interactive tool is conveniently accessible from any networked computer on campus using either Netscape or Mosaic.

Operationally, the CPC obtains a checklist of courses downloaded from a college database and determines what required classes the student has taken and still needs to take. (social science/humanities, secondary field, and free electives are not currently analyzed by the CPC.) Then the CPC allows students to update the checklist to reflect adds, drops, and missing credits.

(Continued on page 5)

From the Department Head



In the past several months, we have seen General Engineering alumni contribute time, funds, and expertise to our department like never before. The efforts of our alumni are making a difference in maintaining the high standards we have all come to expect from GE, and assist our current students as they prepare for their future careers.

The recent grant from MCI to begin the development of program coursework in telecommunications-network design, switching, and data communications is an exciting development for our students. This is one of the first programs in the country focusing on telecommunications systems design coupled with a strong training program through co-op and internship experiences with a major telecommunications company. We are grateful to **Jerry Hogan**, GE '59, for his efforts in making this program a reality.

We have begun the process of reconstituting and reinvigorating our Constituent Alumni Association. Work is underway on the Bylaws to create a new Constituent Alumni and Advisory Board, involving not only alumni but our industry partners as well. Our goal is to have an active board that will assist our current students to remain competitive in the increasingly tough job market, as well as to better promote the General Engineering Department and the significance of a GE degree to the business community. Our current Constituent Alumni President, **Dick Reynolds**, '53, calls for more participation elsewhere in this letter. We look forward to your response.

We were pleased with the turnout at our first-ever GE Alumni Reception for Chicago-based alumni on January 18, 1995 at the Westin O'Hare. Over 60 alums gathered to network, meet with former professors, and find out about the latest happenings in the GE Department. It is especially gratifying to learn about the varied and fascinating careers our GE alums have taken. The alums seem to have enjoyed the opportunity to meet with others, exchange war stories, and business cards. We will be holding similar events in the future, and we encourage you to participate.

Four GE alums from the Class of '87 came to campus in November to talk with students about what it is currently like in the "real world" with a GE degree. It is always beneficial for students to hear from those who have recently gone through the job search process, and we appreciate **Mary Prickett**,

GE Faculty Member Named To Advanced Study Center

Professor David E. Goldberg has been appointed an Associate in The Center for Advanced Study for the 1995-96 academic year.

He was cited for his project titled "The Design of Innovating Machines."

The study investigates the effective design of innovating machines and systems that quickly, reliably, and accurately devise solutions to a broad array of difficult problems.

It is based on **Professor Goldberg's** better known studies of genetic algorithms.

He joined GE faculty in 1990 after teaching in the Department of Engineering Mechanics at the University of Alabama for six years.

Receives NSF Fellowship

Adam Wood has received a National Science Foundation Graduate fellowship. **Adam** is a research assistant in the Decision Systems Laboratory in the Department of General Engineering, directed by **Prof. Deborah L. Thurston**. He is working towards an MS in Mechanical Engineering. His current research is in the area of technical decision making under uncertainty. His industrial research project is with the Nestle-Beich company. By means of extensive research, data collection, and a carefully-constructed analytic approach, **Adam** is helping to identify the best way to redesign their refrigeration and air conditioning system towards the goal of being 100% "ozone-friendly."

Ethan Franklin, **Dan Krueger**, and **Mike Simmons** taking time to spend a day sharing their experiences with our students.

I am pleased to announce the establishment of the **Mildred Maddux and Lisle Abbott Rose Scholarship** in General Engineering. Mrs. Rose established this scholarship in her and her late husband's name to benefit a deserving junior or senior in General Engineering. The first scholarship will be awarded in April 1995 and be distributed during the next academic year.

Mr. Edward Fraser recently donated a gift to fully endow the **Fraser Award**, which has been given to the outstanding senior in GE since 1961. We will be doing more complete articles on these gifts during this next year.

And, regarding our internal processes, you will notice an article elsewhere on UI Direct, the on-line registration system. This system will have a profound effect on the way we advise and register students. The development of the department's CPC (course planning consultant) is a direct result of re-engineering our processes. I am sure that this will be the first of many changes in our processes that will come in the next decade.

*Thomas F. Conry
Professor and Head*



Associate Department Head Michael H. Pleck chats with GE alumni attending the Chicago area reception at the Westin O'Hare on Jan. 18.

Chicago-Area Alumni Reception Called a Smashing Success

Over 70 GE alums gathered on January 18 at the Westin O'Hare in Rosemont to get reacquainted, visit with former professors, and catch up on the latest happenings in the GE department. The evening reception, sponsored by the GE department, was the first of many similar events to be planned for the future.

The purpose, according to Maureen Krauss, Coordinator of Alumni Affairs for GE, is threefold. "First, we want to provide GE alums the opportunity to network with other alums; second, we want to learn more about the varied and fascinating career paths GE alums have taken to help current students; and third, we want to look at additional ways that the Department can provide continued assistance to our alums after they graduate."

Due to the positive response of our first Chicago reception, future events will be held. Any comments or input on future activities as well as assistance in planning and/or sponsoring our next reception are welcome.

Two Members of Department Clerical Staff Receive Honors

Coveted honors have been awarded to two veteran members of the Department of General Engineering.

Donna Eiskamp, Administrative Secretary, has attained the Certified Professional Secretary (CPS) rating from the Institute of Certification of the Professional Secretaries International.

She also is enrolled in degree programs at Eastern Illinois University and at Parkland College.

Carolyn N. Reed, Secretary III, has received the 1994 Outstanding Staff Award from the UI Dads Association.

Two new appointments also have added to the GE clerical staff: Holly Tipsword, Secretary III began work Nov. 28, 1994. Eva L. Moore, Secretary I/Learner, started Jan. 15, 1995.

Others on the Clerical Staff are: Sheryl Hembrey, Staff Clerk, and Peggy Hills, Staff Secretary.

Leading Corporations Sponsoring 24 Projects for GE Senior Students

GE students enrolled in GE 242 are pursuing 24 projects covering a full range of engineering activity under sponsorship of many of the leading firms in the United States.

Professor James Carnahan, Coordinator of Project Design activity, reports that a total of 79 students are enrolled this spring semester in the program's 31st year.

The participating companies and their projects include:

Blistex, Inc., Oakbrook, IL—Flip-Top Container Design; **C & C Manufacturing, Inc.**, Rockford, IL—Cushion Adjusting Needle Redesign; **C-U Mass Transit District**, Champaign, IL—Bus Window Analysis and Design; **Chicago Extruded Metals Co.**, Chicago, IL—Extrusion Die Life;

Cummins Engine Co. (2), Columbus, IN—Auxiliary Power for ECM and Remote Sump System; **Eaton Corporation**, Rochelle, IL—Lubricant Analysis in Metal Stamping and Machining; **Elco Industries, Inc.**, Rockford, IL—Process Monitoring Sensors;

The Eureka Co., Bloomington, IL—Noise Reduction in Wet/Dry Vacuum Cleaner; **Filtration Group**, Joliet, IL—Analysis of Filter Production; **GE Appliances (2)**, Louisville, KY and Cicero, IL—Computer Vision CADD5 Productivity Tools and Dielectric Strength in MgO Insulation;

Greenlee Textron, Inc., Rockford, IL—Method for Determining Blow Energy of Paving Breakers; **ITW Technology Center**, Glenview, IL—Suspension Design and Evaluation; **Lovejoy, Inc.**, Downers Grove, IL—Coupling Life and Load Capacity; **McDonnell-Douglas Aerospace**, St. Louis, MO—Fault Detection Optimization;

MCI Telecommunications, Richardson, TX—Alternate Power Sources; **Prefinished Metals**, Elk Grove, IL—Cost-Effective Waste Treatment; **Premier Technology**, Bensenville, IL—Pinball Machine Playfield Material Substitution; **R.G. Ray Corporation**, Buffalo Grove, IL—V-Clamp Failure Analysis;

RevereWare Corporation, Clinton, IL—Preventive Maintenance System; **Saporito Plating Co.**, Cicero, IL—Automation of Drying Operation; **Tester Corporation**, Rockford, IL—Hose Assembly Modification; and **Werner Co.**, Franklin Park, IL—Improved Grip for Hand Held Compression Guns.

Additional information concerning GE 242 projects and corporate sponsorship can be obtained by contacting Prof. Carnahan (217-244-8835).

He encourages project proposals and invites alumni to call him to discuss participation in the course.

GE Now on the World Wide Web

Information about the General Engineering Department, its faculty, its instructional and research programs, and other activities can now be browsed in Netscape and Mosaic. The address:

<<http://uxh.cso.uiuc.edu/~gedept/ge/ge.top.html>>

Gamma Epsilon Designates Anheuser-Busch Executive As 1995 Distinguished Alum

A Vice-President with Anheuser-Busch Metal Container became the 22nd annual Gamma Epsilon Distinguished Alumnus when she was honored at the GE Spring Awards Banquet April 12 at the University Inn, Champaign.

Nancy E. Jakse received a B.S. with high honors in 1974 from the GE Department. She also received a MBA in 1978 from the University of Chicago.

The award was presented by **Meggan Fitzgerald**, Evergreen, IL, President of Gamma Epsilon.

A Vice-President for quality with Anheuser-Busch Metal Containers, Sunset Hills, MO, **Jakse** joined the firm in 1983 as Executive Assistant to the Office of President.

Since then she has held various key positions in manufacturing operations, human resources, industrial engineering, cost accounting, and quality control.

Jakse is an officer of the Anheuser-Busch Metal Container Management Committee. She has helped shape corporate direction for a growing subsidiary Corporation with over one billion dollars in annual sales.

Her previous employment includes Proctor and Gamble, 1974-80; Folgers Coffee, 1980-82; and Beatrice Foods, 1982-83.

Jakse is married and the mother of two children.

Prof. Mark Spang

- has received a \$10,500 National Science Foundation U.S.-France Cooperative Program for a project, "Adaptive Control of Underactuated Mechanical Systems." The grant will support travel expenses for a collaborative research effort between **Prof. Spang** and Profs. Rogelio Lozarro and Romeo Ortega at the Universite de Technologie de Compiègne, France. **Prof. Spang** will spend two months in France and the French Professors will be in Urbana for two months;

- will serve as U.S. co-chair for the International Symposium on Intelligent Robotic Systems to be held in Bangalore, India, Nov. 21-24, 1995. He also will present a paper, "The Integration of Machine Learning and Nonlinear Control Theory in Intelligent Robotic Systems"; and

- will present a paper, "An Experimental Test Bed for Intelligent Control" in June at the 1995 American Control Conference, Seattle, WA.

Dates to Note

| | |
|-----------------------------|------------|
| Fall On-Campus Registration | Aug. 21-22 |
| Fall Session Begins | Aug. 24 |
| Homecoming Weekend | Oct. 24 |
| Thanksgiving Vacation | Nov. 22-26 |
| Fall Session Ends | Dec. 8 |
| Fall Session Exams | Dec. 11-16 |

GE Placement System Showing Modest Results in Opportunities

The newly-organized Department of General Engineering Placement System has earned wide acceptance among students and alumni during its brief history.

Professor David E. Goldberg, who has overseen the new effort, says he has been pleased with the favorable reaction to **GEPS**.

"We had a very good—and favorable—return from graduate contacts," he said, "and students have reacted positively to our renewed efforts to provide them with job opportunities."

Although students are still greatly dependent upon College of Engineering Placement, they welcome the smaller pool made available by **GEPS**. They are getting good feedback from their initial contacts.

"We have experienced some improvement in placing our graduates over the past," **Professor Goldberg** says.

During the first week of March, MCI interviewed, on campus, eight GE students for summer intern appointments and 18 for full-time positions. This was made possible through extraordinary efforts by **GEPS**—notably Staff Secretary **Peggy Hills**.

Other successes have been a direct result of the tie in with GE 242 project sponsorship. Summer interns with many of these companies are on the increase.

The renewed effort to interact with Alumni at regional meetings and visits to campus is also expected to produce positive results.

Fund Needed Improvements For GE 242 Design Studio

The extraordinary generosity of **Prof. David Goldberg** and **Prof. Roland Ruhl**, combined with an award from the Lincoln Arc Welding Foundation, has provided \$6,500 to the Department of General Engineering for improvements to the GE 242 Design Studio (308 Transportation).

The studio needs functional furnishings, storage capability, work areas, and a "quiet" cubicle dedicated to computer and phone use.

This semester a voice mail system was installed so that the 24 sponsoring companies can communicate easily with their project design team. The system receives heavy use, especially with sponsors who do not yet employ e-mail.

The Department installed poster rails on the third floor so that the many excellent posters prepared by GE 242 students for Engineering Open House can be displayed year round, especially to students frequenting the CAD lecture room and lab.

Since the posters this year were of such high quality, there are plans to install additional poster rails on the first floor to exhibit GE 242 course content to other visitors to the building, especially students taking classes in the large lecture rooms on the first floor.

Student, Professor, Alumnus Receive Honors April 12 at Annual Awards Banquet

Students, a faculty member, and an alumnus received awards at the annual General Engineering Awards Banquet April 12 at University Inn, Champaign.

It was jointly sponsored by Gamma Epsilon and the GE Department.

Eric W. Hilquest, Park Ridge, IL, received the Edward S. Fraser Award as the outstanding senior in General Engineering. The award consists of \$200 cash and a plaque, and his name will be inscribed on a wall plaque that is displayed in the Transportation Building. He also received the College Capek Award.

Recipient of the Randolph P. Hoelscher Award was **Brin E. Schuler**, Roscoe, IL. She received \$100 cash and a certificate signifying exceptional scholarship, leadership, and cultural breadth as the outstanding GE junior.

The Distinguished Alumni Award was presented to **Nancy E. Jakse** by Gamma Epsilon. The honoree receives \$500 cash and a plaque.

The Jerry S. Dobrovolny Award given annually to a GE student for demonstrated outstanding leadership qualities and academic scholarship went to **Meggan E. Fitzgerald**, Evergreen Park, IL. A certificate and \$500 cash were awarded.

The Herbert J. Sprengel Award went to **Larry Carpenter**, So. Chicago Heights, IL. The criteria is for the best design project by a GE junior and consists of a certificate and \$100.

The first winner of the new Rose Scholarship was **Sarah Beckman** of Moline, IL. The award consisted of a certificate and a \$500 GE scholarship for each of two semesters.

Other awards included:

— **Bernt O. Larson Project Design Award (First Place)** — \$150 and certificate each to **David B. Morr**, Oakley, IL; **James C. Kirk**, Tinley Park, IL; and **Brian J. Ormaniec**, Bensenville, IL, for their project "Design of a Roll Lifter." **Prof. R.L. Ruhl** was faculty advisor.

Second prize of \$75 and certificate each to **Jeffrey J. Cantrill**, Caledonia, IL; **Jason Z. Moline**, Rochelle, IL; and **Dana L. Wallace**, Rockford, IL, for "Automation of an Instore Shipping System." **Prof. Wayne J. Davis** was faculty advisor.

Registration (cont. from page 1)

The CPC then suggests courses along critical paths that should be taken. The student then enters a set of courses, which the CPC analyzes for missing prerequisites and corequisites, something that the UI Direct system does not do.

The CPC provides feedback in the form of an OK or a list of warnings and a return to the plan-entering screen. The student may e-mail a copy of the accepted class plan to him/herself and forward it to an advisor if appropriate.

While in the process of navigating the CPC, a student may branch out to curriculum, course, and department information via hyperlinks.

The CPC thus puts a great deal of useful information in the students' hands to complement the advising process and puts them in a better prepared position to commence registering in classes via UI Direct.

Announce '95 EOH Awards Received by GE Students

Special presentation during the 1995 Engineering Open House produced numerous awards for students in the Department of General Engineering.

The annual event was held March 3-4. The theme was "75 Years of Innovation."

The awards follow:

College of Engineering Awards-

-First place, **Kate Sherwood** for Campuswide-Information Systems;

-First place, **Dan Block** for Pendurbot;

-Third place, **Shuya Yamada** for Vehicle Powered by a Rubber Band;

-Third place, **Ryan Geister** and **Todd Alford**, Sports and Engineering;

-Fifth place, **Mark DePoorter** and **Mark Nguyen**, Robotic Applications for Industry.

Department of General Engineering Awards-

-First place, **Dan Block** for Pendurbot;

-Second place, **Kate Sherwood** for Campuswide Information Systems;

-Second place, **Ryan Geister** and **Todd Alford** for Sports and Engineering;

-Third place, **Mark DePoorter** and **Mark Nguyen** for Robotic Applications for Industry;

-Third place, **Joe Macro** and **Fernando Gonzales** for Flexible Manufacturing System; and

-Third place, **Sanjeev Chauhanj**, **Alex Lai**, and **Chris Moon** for Visualization of Missing Views.

GE 242 Poster Contest-

-First place, tie to **Craig D. Leavell**, **Jennifer M. Nona**, and **Brian Patrick Shea** for Evaluation and Redesign of Rear Bus Window and

to **Michael T. Burzawa**, **Eric D. Thompson**, and **Jill A. Tucker** for Suspension Design and Evaluation.

-Third place, **Joseph W. Cwynar**, **Michael P. McGivern**, **Amy A. Stephen**, and **Robert Van Valkenburg** for Cost Effective Waste Water Treatment and

to **Michael S. Bentley**, **Cynthia J. Czop**, and **Shannon M. Lloyd** for Lubricant Analysis in Metal Stamping.

GE Alums Introduce Students To "Real World" Opportunities

On November 30, 1994, several GE alums visited campus to talk to current GE students about career opportunities in the "real world." The alums spoke to GE 291, a joint meeting of Gamma Epsilon and ISGE, and met with staff to discuss the possibility of developing a mentoring program between GE alums and students.

Alums present were **Mike Simmons '87**, **Mary Beth Prickett '87**, **Ethan Franklin '87**, and **Dan Krueger '87**.

Send us your personal items.
Keep us current.

GE Alumni President Seeks More Involvement

To GE Alumni:

There are two things that I would like to discuss with the Alumni.

The first pertains to the new organization of the Alumni Board which Tom Conry will discuss elsewhere in this Newsletter. I'm very enthused about what we are doing, and I think that it will promote a better interaction between the Board and the Department. It will also enlarge the Board which will provide more opportunities for alumni to participate.

Because of this I would like to solicit volunteers who would be interested in becoming members of the Board. I am especially interested in more participation by some of the more recent (since 1980) graduates. I know from experience that it is not always easy to have the time to be active in an organization like this when you are at the beginning of your career and maybe also starting a family, but, if there are some of you that can and would like to contribute a few days a year, we could use your input.

The second topic that I would like to discuss is membership in the Alumni Association. For years General Engineering had the highest percentage of alumni who were paid up members of the Association, but several years ago we were passed up by the College of Law. This was embarrassing, but understandable, as the alumni are good business and political contacts.

Then, a few years ago, Mechanical and Industrial Engineering passed us by. This is partly because of their increased membership and partly due to a reduction in the percent of paid up GE's.

I'd like to challenge all of you to join or rejoin so that we can again be at the top of the list. I know that in my case it was often a case of forgetting to renew my membership each year rather than financial reasons. I solved that by becoming a Life Member, you might consider the same.

The good news is that a large portion of our dues goes directly to GE to spend on Alumni affairs, such as putting out this Newsletter. There should be an application form in this Newsletter.

I appreciate your consideration of both of the above.

Dick Reynolds '53
President

Faculty Notes

Prof. David E. Goldberg

-has written a book, "Life Skills and Leadership for Engineers," published by McGraw-Hill. The text warns engineering students that they are going to become involved in a lot more than the combination of science, math and complex technical information that they encounter in the classroom. Professor Goldberg warns that "one text can inject only a small amount of life skills information."

Prof. L. Daniel Metz

-presented five papers at SAE Motor Sports Engineering conference in Detroit;

-has been named to the National Transportation Research Board blue-ribbon panel to evaluate and plan for the National Advanced Driving simulator. The panel was created by the National Research Council;

-has been appointed to serve as Consultant and Track Designer for the new Indy Car racing facility at Disney World in Orlando, FL; and

-is working on three research papers dealing with emergency lane change maneuvers, race track design, and normal driving behavior.

Prof. Manssour H. Moeinzadeh

-is on sabbatical leave during the Spring Semester at two research centers in Tehran, Iran. He also has been appointed as a Scientific Advisor to The Ministry of Culture and Higher Education for the Development of Biomedical Engineering Programs at several universities in Iran.

Prof. Deborah Thurston

- has received one of three Xerox Awards for Faculty Research for best research during the past five academic years by an Associate Professor. She received the award April 7 at the College of Engineering Honor Awards Convocation.

Are you
a member
of the
Alumni
Association?

Send check to: Alumni Association, 227 Illini Union, 1401 West Green Street, Urbana, Illinois 61801 (payable to the University of Illinois Alumni Association).

- One year single membership—\$20 One year joint—\$25
 Three year single membership—\$65 Three year joint—\$80
 SINGLE LIFE MEMBERSHIP—\$250. (INSTALLMENT PLAN: \$300—\$10 DOWN, FOUR YEARLY PAYMENTS OF \$72.50.)
 HUSBAND-WIFE LIFE MEMBERSHIP—\$300. (INSTALLMENT PLAN: \$350—\$10 DOWN, FOUR YEARLY PAYMENTS OF \$85.00.)

Name _____ Yr. _____ S.S.# _____
Spouse's name (if an alumnus) _____
Address _____

Alumni Notes

1961 Randal M. Smith, MBA '63, has retired from PPG Industries, Kokomo, IN.

1965 C. Wesley Rowley, Vice President of the Wesley Corp. has moved to Tulsa, OK, to be closer to the firm's oil and gas division. He continues to be with The Naval Reserve COMSUBlant, Norfolk, VA.

Robert Craig Smith, Lead Engineer, Software Quality Engineering Dept., Motorola. Cellular Infrastructure Group, Arlington Heights, IL, has relocated after 17 years in Southern California. He resides in Lake Zurich, IL.

1969 Gerald D. Pine, La Grange, IL, Ph.D. '78 MIT, has been named Principal Product Manager, Gas Research Institute, Chicago, IL.

1970 Dennis Polhill, MSCE '78, U. of Pittsburgh, is Vice President, American Pacific Financial Corp., Lakewood, CO. He also does research and writing on public policy for a "Think Tank," The Independence Institute, Golden, CO.

1976 Gary A. Hettler, Benton, KY, is a Safety Engineer, U.S. Department of Energy, Paducah, KY.

Steven B. Todaro, JD '83, Loyola (New Orleans), has been named Director of Sales and Marketing—U.S. and International, Cherco Compressors, Inc., Houston, TX.

Robert J. Weibel is Technical Director, Turbine Generator Projects, Westinghouse International Service Co., in Madrid, Spain. His duties entail directing and coordinating service and modernization of steam turbine generators in power stations throughout Spain.

1977 Robert Dam, MBA '92, NorthWestern U., is with ITW Switches, Chicago, IL. He recently moved his residence to Aurora, IL.

1978 George W. Flathers II, MS '80, Ohio State U., has resigned as Head Engineer with Mitre Corp., McLean, VA, to form his own company, Sparrow-Tech, Inc., Sterling, VA. He also is a pilot with United Airlines and will soon transfer from Washington, D.C. to Chicago, IL.

1980 Bruce O. Gonsholt, MBA '90, Marquette U., has been promoted to Product Sales Manager, Eaton Corp./Cutler/Hammer, Beaver, PA. He has relocated from Milwaukee, WI to Pittsburgh, PA.

Susan Elizabeth Meredith holds the position of Creative Director, Human Excellence, Austin, TX.

Thomas F. Taylor is Director of Current Operations, North American Aerospace Defense Headquarters, Peterson AFB, Colorado Springs, CO. He recently returned from six-month deployment to USS Carl Vinson with 20 fighter missions over Iraq in support of Operation Southern Watch.

1981 David M. Jacobsen, MBA '91 Lake Forest College, is employed by Inspect, Inc., Barrington, IL.

Michael S. Kimutis, Cincinnati, OH, is first officer with Delta Airlines flying out of Atlanta, GA.

Roger H. Stein, JD '84, is an Intellectual Property Attorney with Wallenstein & Wagner Ltd., Chicago, IL. Last summer he was married to Jill A. Drutsch, Counsel for the Office of Special Deputy Receiver.

1982 Richard Thomas Bourke, MSEE '85 and MBA '94 U. of Chicago, is employed as a Senior Financial Analyst with Princeton Venture Research, Princeton, NJ, an investment banking and venture capital firm. He resides in Lawrenceville, NJ.

Steven M. Hands, MBA '86, Northwestern U., has been employed as Director of Sales and Marketing, General Analysis Corp., South Norwalk, CT. He resides in Danbury, CT.

1983 Edward Juraco is a Senior Test Engineer with Marin Marietta, Denver, CO. He resides in Lakewood, CO.

Desiree Fornell Miller has moved from Houston, TX to Hong Kong with her husband, David, BSME '81.

Daniel J. Sylwestrak, MSEE '86, MBA '86, has become a registered Professional Engineer, State of Illinois. He works at AT & T Bell Laboratories, Telecommunications Switching Systems Development.

Robert A. Plotke, MSCE '85, is a Senior Manager, Andersen Consulting, Chicago, IL. He has been assigned in Southeast Asia, and is responsible for The Network Consulting Group. He resides in Kuala Lumpur, Malaysia.

1984 Gerard J. Close, MSME '87, U. of Wisconsin at Madison, who resides in Orlando, FL., has been named Consulting Engineer with Aerotek, Inc., Winter Park, FL. He is recipient of a Gold Medallion Award from Martin Marietta.

E. Scott Eiler has been employed as a senior consultant with Plante & Moran, Southfield, MI. He resides at Novi, MI.

Michael Joseph, Arlington Heights, IL, has started his own manufacturing and quality consulting company, Quality Quest. He is an ASOC certified Quality Engineer, a Certified Quality Auditor and an ISO auditor.

David L. Lukens, a Senior Service Engineer with ABB CE Services, International, recently co-authored a technical paper, "Rehabilitation of a Utility Boiler in Argentina." It was presented at the Power Generation Conference (U.S.A.).

1985 Jeffrey D. Morton, MS '94, is a Principal Investigator, USA CERL, Champaign, IL.

Douglas Crawford Williamson has been named Regional Sales Manager, IPT Corp., Palo Alto, CA. He makes his home at Burlingame, CA.

1986 Karen Heselbarth James has accepted a position as Project Manager, Clean Air Engineering, Palatine, IL. She was recently married to Craig James.

Jill S. Thomas is a Senior Loss Control Representative, Technical Services Division, Chubb & Son, Inc., Kansas City, MO. She recently passed the test to become a Certified Safety Professional.

1987 Ellen Marie Sedlacer Duffy is employed by United Conveyor Corp., Waukegan, IL. She resides in Carol Stream, IL.

David S. Kotter, MBS '89, is Plant Controller with Cadiz Electronica, Santa Maria, Spain.

Michael R. Murphy, MBA '91, U. of Chicago, was recently named Vice President for Corporate Finance, J.P. Morgan & Co., Inc., Chicago, IL.

Andre Pavkovic, MS '90, has been named a research associate, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL.

Mary Beth Prickett has accepted a position as Account Executive, Motorola, Automotive, Energy and Controls Group, Northbrook, IL.

1988 Christopher A. Crawford, MS '90, is a Senior Engineer with Andersen Consulting, Chicago, IL. He resides in Deerfield, IL.

Stanley T. Grant has been promoted to Manager, Technical Group, Andersen Consulting, Chicago, IL. He has taken back his original family name—Grotkiewicz. The family recently moved to Hickory Hills, IL.

Andrew S. Hill has been named a Project Engineer with Arnold Lundgren and Associates, Rockford, IL. He resides in South Beloit, IL.

Barbara Elaine Stuedemann Ouken, Engineer II with Teledyne Brown Engineering, Huntsville, AL, has resigned her position to spend time with her two small children. Periodically she does part-time work as a Radar Cross Section Analyst for a Signature Control Group.

1989 Lisa Eva Hathy-Riles, MBA '94, De Paul U., is a Senior Product Specialist with ITT Bell and Gossett, Morton Grove, IL. She resides in Wheeling, IL.

Brian Christopher Leugnagen has transferred to the Detroit area with General Motors Division Transmission Engineering as a Casting Engineer. Proud parents of a new baby boy, the family resides in Plymouth, MI.

Richard S. Shanley, MS '93, has accepted a position as Principal Investigator, Environmental Engineering Research Division, CERL, Champaign, IL.

1990 Wendy Lynn Gronwold, Fidelity, MN, has been named Engineer, Johnstech International, Minneapolis, MN, doing technical customer service and support.

James Patrick Miller is a Civil Engineer III with Illinois Department of Transportation, Peoria, IL.

Deepen A. Modi, MBA '93, Loyola U., has been employed as a Financial Advisor, Prudential Securities, Oakbrook, IL.

Steven Patrick Seaney, MSME '94, U. of Wisconsin—Madison, is an Advanced Technology Engineer, Woodward Governor Co., Rockford, IL.

1991 Thomas A. Block will earn a MSME at Purdue U. in Dec. 1995. He did research in 1992-94 at the University of Chicago in the Electrical Trauma Program.

Brian C. Gile is employed as a Manufacturing Engineer with Raynor Garage Doors, Dixon, IL.

Kenneth Todd Horlander is a student at the UI Medical Center, Chicago, IL. He received a Craig Fellowship last May and is president of The School of Medicine Pediatrics Society.

Jerome A. Maloney, MS '93, is a Mechanical Engineer, Parametric Design Associates, Crystal Lake, IL. He resides at Libertyville, IL.

Christine A. Modragon, Oak Park, IL, has accepted a position as an Environmental Engineer with Versar, Inc., Oak Brook, IL.

James W. Townsend, MS (Industrial Engineering) '94, U. of Houston, has accepted a position as a Business Valuation Consultant, Tax Dept., Arthur Andersen LLP, Houston, TX.

1992 Michael Kenneth Biarnesen, Gurnee, IL, is with Abbott Laboratories, Abbott Park, IL.

Kenneth J. Coulter is a Plant Engineer with Rockdale Sash & Trim, Joliet, IL. He resides in Woodridge, IL.

Alex Fong is working in Japan as an English teacher for the next year under The Japan Exchange Teaching Program. He formerly was with Litton Kester Solder, Des Plaines, IL.

Tara L. Winslow Morr is employed as a Design Engineer with Caterpillar, Inc., Decatur, IL.

Joseph A. Pica, Portland, OR, is a NOAA Corps Commissioned Officer, NWS, Northwest Riner Forecast Center.

Scott Alan Rauguth has been promoted to District Sales Manager with Vector Corp. of Prospect Heights, IL. He resides in Champaign, IL.

Sheila Marie Reilly, Glen Ellyn, IL, is a Staff Engineer with Riedel Environmental Services, Beusenville, IL.

Duane L. Setterdahl, Downers Grove, IL, is a Consultant for Cap Gemini America, Westchester, IL. This past summer he was married to Nicole Morris, a G.E. graduate student.

David Alan Speicher is employed as a consultant liaison with the Illinois Department of Transportation, District 5, Paris, IL.

Robert E. Stanley, MSCE '94, has been named Structural Engineer with Frauenhoffer & Associates, Champaign, IL. He recently co-authored a section of a new ASTM Standard for the Robotic Inspection of Underground Storage Tanks.

Michael L. Watson, MBA '94, is a Technical Sales Representative with Stirling Technologies, Schaumburg, IL. He resides in Sleepy Hollow, IL.

1993 Karl W. Hadler, MSCE '95, has accepted a position as Environmental Engineer with John Carollo Engineers, Walnut Creek, CA.

David William Hyten is a student in the Southern Illinois University (Edwardsville), School of Dental Medicine.

Scott Alan Jackson has accepted a position as an engineer with Engineered Fluid, Inc., Centralia, IL. He resides in Wayne City, IL.

Michael Allan Johnson has been named Construction Services Manager with Midwest Engineering Services, Inc., Champaign, IL. He resides in Paxton, IL.

Damon D. Scott has been employed as a Sales Engineer with Allen-Bradley in Los Angeles, CA. He resides in Cypress, CA.

Dana L. Wallace, Rockford, IL, has accepted employment as an Associate Manufacturing Engineer with Colter Ind. Fairbanks Morse Engine Division, Beloit, WI.

1994 Matthew Gaertner has taken a position as Product Development Engineer with MacLean-Fogg, Wheeling, IL. He resided in Schaumburg, IL.

Robert W. Evans, Editor
Department of General Engineering
117 Transportation Building
104 S. Mathews Ave.
Urbana, IL 61801
