



GENERAL ENGINEERING NEWSLETTER

Department of General Engineering, University of Illinois at Urbana-Champaign

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Fall 1984

Fall G.E. Alumni Meeting Highlighted by Tour Of New Computer Lab

Highlight of the fall G.E. alumni meeting, held September 8th, was a tour of the new computer laboratory facilities on the remodeled fourth floor of the Transportation Building. Enhanced instructional potentialities were demonstrated by Professors Michael Pleck, Thomas Woodley, and Louis Wozniak.

The group of eighteen returning alumni, ranging from the classes of '33 to '82, and traveling from Illinois, Ohio, and Missouri, were welcomed to the Saturday morning meeting by Department Head Jerry Dobrovolny and given an overview of the G.E. undergraduate and graduate programs by Professors David O'Bryant and Thomas Conry.

A business meeting led by Alumni Vice President David Burge '66, in the unexpected absence of President Myron Bernard '56, included discussion of what other constituent groups do, what the Alumni Board does (interpreted by Constituent Alumni Board Representative Gary Allie '69) and what members would like our group to do in the future.

The meeting was followed by a buffet luncheon at the Illini Union and group attendance at the Illinois-Missouri football game, another high point of the day.

IBM Gives Computers To Project EXCEL For Better Teaching

The University of Illinois' Champaign-Urbana campus will receive \$12.5 million in computer equipment and software donated by IBM Corporation, which Michael H. Pleck, Professor of General Engineering, says will bring major advances in teaching engineering and other subjects as well.

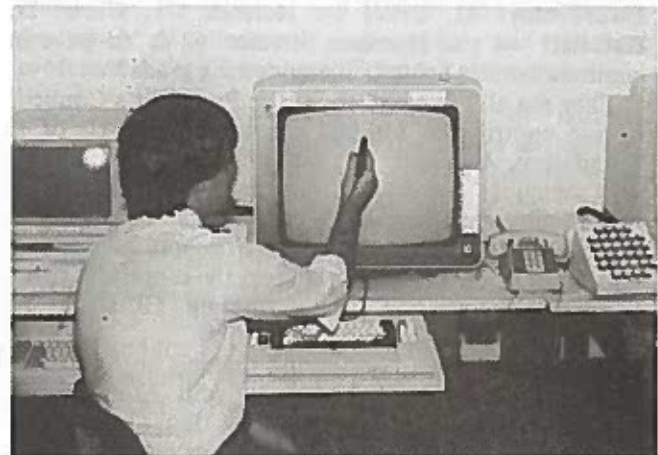
Among projects in engineering, students in the introductory general engineering design graphics course will benefit from innovations to be made by U. of I. researchers in the networking of powerful graphics work stations, Pleck says. He stated further: "Traditional design graphics concepts are the basis of computer-produced graphic displays. Interactive computer graphics use will provide a natural forum for learning these concepts — beyond the limitations of pencil and paper — and help prepare engineering

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What is it that these alumni, staff, and guests — left to right: Mrs. Peter Hazelhorst, Peter Hazelhorst '74, Prof. Mansseur Moeinzodeh, an unidentified guest, Larry Slight, ISGE President, and Christ Kacalief '44 — appear to be mesmerized by? See picture below.

G.E. graduates in attendance at the meeting were: Kristen Alexander '82, Dayton, Ohio; Gary Allie '69, Chicago, IL; Myron Bernard '56, St. Louis, Mo; David Burge '66, Cleveland, Ohio; William Chedister '77, De Kalb, IL; James Duft '83, Highland, IL; Thomas Flock '78, Murphysboro, IL; Marianne Andrasek Goren '76, Troy, Ohio; Peter Hazelhorst '74, Freeport, IL; Christ Kacalief '44, Frontenac, Mo; Larry Kienzier '74, Mahomet, IL; Vail Moore '33, Paxton, IL; Bradley Mottier '79, Rockford, IL; Terry Phelan '72, Cincinnati, Ohio; Darrell Pryor '82, St. Peters, Mo; Lynn Junas Richards '76, Champaign, IL; William Shive '41, Effingham, IL; and Sharon West '81, Downers Grove, IL.



Rob Plotke, Graduate Assistant, demonstrating the CADAM program using light pen input.

Project EXCEL (Continued from Page 1)

students to deal effectively with more advanced computer-aided design usage on campus and beyond."

The grant will support Project EXCEL, which stands for Excellence in Computer-aided Education and Learning, said Dr. Thomas E. Everhart, newly appointed chancellor of the Urbana-Champaign campus. The primary aim of the project is to enhance education through imaginative use of advanced computing technologies, Everhart said. Faculty from several departments will explore ways of using these technologies in a broad range of disciplines. "This grant represents a major commitment to educational innovation on the part of both IBM and the University of Illinois," he said. "College students should be educated on the most up-to-date equipment, and it is heartening to me that IBM recognizes this need and is willing to make a major commitment to ensure this goal."

"We have an obligation to prepare our students to lead others in the world they will enter upon graduation," Everhart said. "IBM's grant will help us do that much more effectively."

"The project, and IBM's participation, reflect the historic international leadership of the University of Illinois in computer science and engineering, and in the application of computers to instruction," Everhart said. "Project EXCEL will help the University of Illinois to continue to be a world leader in computer-aided education and learning."

Five New Grad Assistants Join G.E. Department Staff

Five new graduate student assistants have joined the General Engineering Department staff, two last summer and three this fall. Listed with their undergraduate secondary fields and hometowns they are: David Baetzel, Administration, Colfax, Il (summer); Ronald Barre, Pre-med, Northbrook, Il (fall); Paul Keane, Civil Engineering, Mt. Prospect, Il (fall); Jon M. Pollack, Computer Science, Northbrook, Il (summer); Paul H. Verstrate, Administration, Chicago, Il (fall).

\$10,000 G.E. Contributors President's Council Members

What do William A. Chittenden '50, Jerry S. Dobrovolny '43, Bruce R. Holecek '71, Christ D. Kacalief '44 and Harrison Streeter '62 & '65 have in common besides being U.I. engineering grads?

They are all life members of the President's Council, having contributed \$10,000 or more to the U. of I. foundation. A donation to the President's Council is a very tangible means of demonstrating interest in maintaining the University's commitment to quality in higher education. Private gifts have become increasingly important since they go far beyond the scope and reach of available state and federal funding. Gifts may be designated toward individual priorities.

If you have been considering making an important demonstration of your loyalty to your Alma Mater, contact the President's Council, 224 Illini Union, 1401 W. Green St., Urbana, IL 61801. Your contribution is needed!

Sunstrand First Sponsors Graduate Research Grant

The Department of General Engineering has an established history of a close working relationship with many industries through the project design course at the undergraduate level. Through the graduate program in project design a new dimension of involvement by industry is available. A company may sponsor a graduate assistant to perform research or work on a design project in an area of mutual interest to the sponsoring company and the graduate student. The Sunstrand Corporation is the first company to sponsor a G.E. graduate student.

A normal Industrial Research Assistantship (IRA) will support a master's degree candidate for three semesters plus one summer of work at the sponsor's site. While working during the summer at the sponsor's site, the candidate may work on a project design thesis that is of interest to the sponsor. Upon returning to the campus, the graduate student will complete the thesis under the guidance of a faculty adviser expert in the field.

The cost of the IRA to the sponsor will be approximately \$21,000 plus the summer employment. This cost will cover the graduate student's stipend for three semesters, plus normal material, equipment, and other costs. The project will be noted in the annual Summary of Engineering Research and the grant will carry the sponsor's name.

Employment Contacts: Update for Students

As earlier reported in this newsletter, The Engineering Placement Office publishes a weekly bulletin which includes a section called "MAIL CONTACTS." These are employment opportunities circulated to resident students. Graduates may not apply! Companies and potential employees may obtain further information from:

Robert J. Mosborg, Engineering College Placement Director, 109 Engineering Hall, 1308 W. Green, Urbana, Il 61801, 217-333-1960.

Women in Engineering: Number Rising Rapidly

The number of women in engineering at the U of I has been steadily rising in the past several years. Out of a total of 4,813 students enrolled in the college of engineering this fall, 822 are women. Ten years ago the number was 197, and fifteen years ago, only 39 out of 3,502 engineering students were women. The Department of General Engineering currently has 412 students enrolled, with 132 freshmen, of which 38 (or 29%) are female. G.E. graduates number about 100 per year.

Change Amid Continuity: 3 New U. I. Appointments



Chancellor T.E. Everhart

Thomas E. Everhart, former dean of the College of Engineering at Cornell University, began his tenure as chancellor of the University of Illinois at Urbana-Champaign on August 21, 1983. Everhart becomes the campus' fourth chancellor, succeeding John E. Cribbet, who has returned to the College of Law faculty, where he served as dean for 12 years before assuming the chancellorship in 1979.

Everhart, 52, held the top engineering post at Cornell since 1979. Previously, he was on the electrical engineering and computer science faculty at the University of California at Berkeley from 1958 to 1978. A magna cum laude graduate of Harvard, Everhart also holds a master's degree in applied physics from the University of California at Los Angeles and a Ph.D. in engineering from Cambridge, where he was a Marshall Scholar. A native of Kansas City, Missouri, he and his wife, Doris, are the parents of four grown children.

James J. Stukel, the new associate dean and director of the Engineering Experiment Station, is a professor of civil engineering and mechanical engineering, who joined the UIUC faculty in 1968. Stukel succeeds Ross J. Martin, who died on June 7th. Stukel received his bachelor's degree from Purdue University in 1959. He earned his master's degree in 1963 and a doctorate in 1968, both at the UIUC.



Acting Dean M.E. VanValkenburg

Mac E. Van Valkenburg has been named acting dean of the College of Engineering, replacing Daniel C. Drucker, who retired as dean in August to pursue his research activities in applied mechanics at the University of Florida.

Van Valkenburg earned his bachelor's degree from the University of Utah in 1945, his master's degree from MIT in 1946, and his Ph.D. from Stanford in 1952. He taught at the University of Utah from 1946 to 1955 and became a faculty member of the UIUC Department of Electrical Computer Engineering in 1955, leaving in 1966 to become department chairman at Princeton University. He returned to UIUC in 1974 and became professor of electrical engineering and research professor in the Coordinated Science Laboratory.

An electrical engineering educator of national prominence, Van Valkenburg is the author or coauthor of nine textbooks, two of which have received the Golden Book Award. Holder of the W.W. Granger Chair in E.E. from 1982 to the present, he is a member of the National Academy of Engineering and is a recipient of the Education Medal of the Institute of Electrical and Electronics Engineers, the George Westinghouse Award, and the Lamme Award of the American Society for Engineering Education. He is also past vice-president and fellow of the IEEE, and has chaired many committees of that organization.

Faculty News

Two new faculty members have joined the general engineering faculty this fall. The first, **Professor Mark W. Spong**, has a joint appointment with the Coordinated Science Laboratory where he is currently conducting research on the applications of nonlinear systems theory to robotics. From 1982 to the spring of 1984 he was a faculty member at Cornell University's School of Electrical Engineering in Ithaca, New York. Last summer he was a consultant to the General Electric Corporation's Corporate Research Center in Schenectady, New York on the development of micro-processor implications of advanced nonlinear control techniques for robot manipulators. Born in Warren, Ohio in 1952, he is married and has a son. A 1975 Phi Beta Kappa graduate in mathematics from Hiram College, Hiram, Ohio, he earned a mathematics M.S. in 1975 also, from New Mexico State University in Las Cruces, New Mexico. He taught for two years at N.M.S.U., then became a research associate at Washington University in St. Louis, Missouri, where he earned his doctorate in 1981 in systems science and mathematics.

The second new faculty member is **Visiting Scholar Jae Hwa Oh**, a visiting scholar for the fall semester from Seoul, Korea, where he has been a professor in the department of Graphics of the Korean Military Academy (KMA) since 1968, and where from 1979-1981 he served as director of academic affairs and from 1981-1984 he was the library director.

In 1973 the KMA published Professor Oh's book, *Graphic Solutions*. Professor Oh earned a B.S. in 1957 from the KMA, a second B.S. in 1966 from the Seoul National University, and an M.S. in 1979 from Hanyang University. He is married and has three children, but he is here alone until February when he will return to Korea.

Professor Thomas F. Conry has been appointed Technical Editor of the *American Society of Mechanical Engineers Journal of Vibrations, Acoustics, Stress, and Reliability (JVSR)* in Design for a five-year term starting in October. The JVSR has received particular attention as a recent spin-off from the *Journal of Mechanical Design*.

Professor Osmon Coskunaglu traveled through nine European countries last summer giving papers and seminars at a number of international conferences. He began by attending the 26th International Meeting of the Institute of Management Science, where he served as Session Chairman on Dynamic Programming, presenting a paper, "Decision Support Systems and Dynamic Progress: A Compatible Analysis."

He also traveled in Germany, Austria, Hungary, Holland, Romania, Bulgaria, Italy and Turkey, where he attended the Ninth International Operational Research Congress presenting a paper, "Logit Modeling," and giving two seminars in Bosphorus, Istanbul, Turkey.

Earlier in the spring, Prof. Coskunaglu served as co-chairman of the Third Annual Conference on Operational Resources Applications in Springfield, Illinois. In May he also gave a paper at the TIMS/ORSA Joint National Meeting on Dynamic Programs and Artificial Intelligence in San Francisco.

Professor Jerry S. Dobrovolny, head of the Department of General Engineering, whose main avocation is golf, attended the British Open last summer in St. Andrews, Scotland. While in the British Isles, he and his wife, Joan, also visited Turnberry, Edinburgh and Shannon.

Another globe-trotter, **Professor Juraj Mendanic**, attended the Ninth World Congress of the Institute of Automatic Control in Belgrade, Yugoslavia last summer.

Professor Mansseur H. Moeinzadeh was guest lecturer at the Annual International Applied Mechanics and Structural Design seminars and lecture series held at Sharif, Isfahan, Mashad and Tehran Universities in Iran, June 1 - July 15, 1984. He also coauthored papers presented in Switzerland in September and in Arizona in October.

Productive Lives Led By Martin, Wildhagen

Ross J. Martin, director of the Engineering Experiment Station and associate dean of the College of Engineering, died June 7 in Urbana. He was 67.

In Martin's memory the College of Engineering has established an award to recognize the importance of graduate engineering education. The annual Ross J. Martin Memorial Award will be given to the engineering graduate student who has accomplished the most notable research. The recipient will be chosen from 1700 graduate students in 13 different engineering disciplines and will be recognized with a citation and cash award at the Engineering Honors Convocation each April. Contributions to the Ross J. Martin Memorial Fund may be sent to the University of Illinois Foundation, 224 Illini Union, 1401 W. Green St., Urbana, IL 61801.

Martin joined the faculty in 1946 as an associate professor of mechanical engineering. By 1950 he was associate director of the Engineering Experiment Station and in 1953 he was promoted to full professor. In the late 1950s he was instrumental in setting up the university's Nuclear Engineering Program and was its first chairman. He became associate dean of the college in 1967.

A native of Bay City, Michigan, Martin earned his bachelor's degree from Michigan State University in 1940 and his master's degree from UIUC in 1946.

Arthur R. Wildhagen, retired science editor of the U.I. News Bureau and retired General Engineering newsletter editor, died September 7th after a long illness. He was 73.

Wildhagen was born May 18, 1911, in Palatine, Illinois. He received a bachelor's degree in journalism in 1933 and a master's degree in political science in 1937 from the UI, joining the News Bureau staff as a graduate assistant in 1936.

At the time of Wildhagen's retirement from the UI in 1981, after 45 years with the university, he was honored by the Council for the Advancement and Support of Education as one of the nation's finest science writers. He was cited for his ability to describe complex scientific developments in clear, accurate and readable form.

Alumni News

1941 Rollo N. Givler retired recently after 40 years with the Boeing Corp. having worked in airplane project design, field service, support systems development, and configuration development. His title at retirement was Director, Advanced Strategic Airlift System.

1944 Christ D. Kacalieff, President, Chris Kay Plastics Corp., has been appointed funding trustee of the Plastics Museum, Leominster, Mass.

1949 Roland F. Bill, Washington, Il., retired last October after many years service with Caterpillar Tractor Co.

1950 Paul Caldwell Jones, who recently retired after an industrial sales and engineering marketing career with Joy Mfg. Co., the Foxboro Co., and IBM, has returned to owning and operating farms in the Burlington, Iowa area. Further, he is still active in his avocation, auto racing, and he would like to hear from other general engineers who may be involved in auto racing professionally or as a hobby.

1963 W. Jay Lovelace, who earned an MBA in 1967 from the University of South Florida, serves as director of Space Systems for Honeywell, Inc. He reports that he enjoys the challenges and rewards of managing high technology product development for space shuttle and space stations national programs.

1966 Mike (Myron G.) Odell, BS 1966, MBA 1968, wife Cindy, and daughter Kristen, have recently moved from California to Pittsburg, PA., where Mike is now the corporate director of management systems for the Forbes Health Systems. Also an avid racer, and after finishing second in Cal Club's season championship last year, Mike plans to continue road racing his 1968 AMX in the Pennsylvania area.

1968 David N. Porter, BS 1968, MBA 1972, Roosevelt, is now a division manager with AT&T Information Systems in Morristown, New Jersey. He lives at 33 Tulip Street, Summit, N.J. 07901.

1969 Gerald D. Pine, Ph.D. Nuclear Engineering '78, MIT, was recently named Senior Project Manager by the Gas Research Institute in Chicago. His new address is 37 S. Kensington Ave., LaGrange, IL 60525.

1970 Richard B. Hoffman, Bachelors of Law, 1973, DePaul University, Masters of Intellectual Property Law, 1981, John Marshall Law School, formerly a partner in McCaleb, Lucas & Brugman, has become a partner in the Chicago patent, trademark, and copyright firm of Tilton, Fallon, Lungmus & Chestnut. He resides at 616 Saddle Rd., Wheaton, IL 61087, with his wife Sandra, and their new son, Kipp.

1973 Daniel M. Burke has been promoted to district sales manager at the Indianapolis, Indiana office of Square D Company.

Michael F. Purcell, has been promoted to supervisor of a base administration at the American Hospital Supply Corp. in Chicago. He is heavily involved in the conversion of American's corporate data center from Burroughs to IBM. Purcell earned a master's degree in computer science in 1980 from Villanova University.

1974 Kathryn A. Davis, '74, who earned a U.I. master's degree in civil engineering in 1975, recently left a management position in technical service for the American Society of Civil Engineers in New York to embark on a two-year MBA program at Harvard Business School with an eye toward management consulting. Her new address is Morris E2 5, Harvard Business School, Soldiers Field, Boston, MA 02163.

Victor W. Hughes Jr., '74 has moved to P.O. Box 13028, Cleveland, Ohio 44113, where he continues with the Standard Oil Co. developing new businesses utilizing alternate energy technologies. He earned a U. of I. master's degree in mechanical engineering in 1976 and an MBA from the University of Chicago in 1980.

Michael E. Kerr '74, MBA '78, State University of N.Y. at Buffalo, writes of his transfer in early 1982 from Buffalo to Union Carbide's world headquarters in Danbury, Ct. Kerr and his wife Shari, an Eastern Illinois University graduate and a school business management specialist, live at 43 Soundview Ave., White Plains, N.Y. 10606.

A new position and a new address reported for Stan Gotschall, '74: he is now a facilities system engineer with Sperry Flight Systems and resides at 5235 W. Desert Cove, Phoenix, Arizona 85027.

Also moving up and out is Stewart R. Storm, '74, MBA '83, Keller Graduate School of Management, who now serves as senior internal auditor, Lockheed Corporation, Marietta, Georgia. His new address is 1341 Winding Branch Circle, Dunwoody, Georgia 30338.

Currently attending the University of Chicago's MBA program at night and serving as vice-president of administration and in-house counsel with the Blitz Corporation in Chicago is Stephen S. Wolff '74, JD 1980, John Marshall Law School. His new address is 2100 Lincoln Park W., Apt. 4B South, Chicago, IL 60614.

A '74 alum with a well-developed sense of humor, James M. Kealey, 1332 Versailles Ave., Alameda, CA 94501, writes: "Last year I completed probably one of the longest "thesis-in-progress" degree programs in the history of the U of I." He doesn't say when he began his thesis work, but Kealey has at the same time been employed by the Bank of America, San Francisco, as a senior systems consultant in their productivity and quality assurance department.

1975 Alan R. Belair, whose wife, Kathy, gave birth to their first child, a son named Jeffrey on May 5, 1984, has been promoted to section engineer for field and special projects group at Union Carbide's Linde Division in Tonawanda, N.Y. The Belairs live in North Tonawanda at 12 Acacia Drive.

General Foods, White Plains, N.Y. recently promoted Gregory P. Konneker, 6 Westwood Dr., Danbury, Ct. 06810, from financial associate with the beverage division to the corporate financial planning and control group as a financial specialist in computerized financial reporting, planning, and analysis programs on mainframe and microcomputers.

1976 Larry A. Munson, R.R. 1, Donovan, Illinois, has been promoted in the U.S. Air Force to the rank of captain. He is a weapon system officer at Mountain Home Air Force Base, Idaho, with the 91st Tactical Fighting Squadron.

Thomas W. Tobin, J.D. 1980, Pace University School of Law, and Melinda M. Stein, an IBM marketing manager, were married June 9, 1984. Tom has been doing products liability litigation for the law firm of Wilson, Elser, Edelman, and Dicker in New York City for the past four years. He previously did patent prosecution work for the legal department of Union Carbide Corporation. The Tobins live in Guttenberg, New Jersey at 7002 Blvd. East.

1977 Bradford W. Dickson, 1462 W. Willow Lane, Park City, Utah 84060, was married last April to Janet Kendler of Santa Monica, California, who shares his interest in skiing, golfing, and sailing. Brad sells gas compression and power machinery to the oil and gas industry in Utah and Wyoming for Ingersoll-Rand Company.

Born to Bill Payden and wife, Lisa, a son, Richard, on June 18th, 1984. The Paydens live at 622 22nd Ave., Moline, IL 61265.

Roy N. Voss, 523 Church St., Fairdale, IL 60146, has been a design engineer since October, 1982, and passed his P.E. exam in December, 1983. He and his wife of six years, the former Linda Hashaw (BA in biology, U of I, 1977) have two children, Jason, 3½, and Aaron, 6 months. Roy worked for Chrysler in the Detroit area following graduation, and later for White-Sundstrand Machine Tool in Belvidere, IL. He is presently employed at Ideal Industries in Sycamore, IL.

1978 Dean R. Edwards, has moved from Gurnee, IL. to 1341 Country Fair Rd., Rockford, IL. 61107. He is employed at Ingersoll Cutting Tool Co. in Rockford.

Martin E. Lunkes, has transferred to Chicago with Johnson Controls, Inc. from Moline, IL. As senior sales engineer his current projects include retrofitting existing office buildings and supporting building operations agreements. His address is 7114 Foster, Morton Grove, IL. 60053.

After 3½ years with the Albert Stanley Co., Inc., a Skokie, IL. manufacturer's representative firm for scientific equipment, Daniel J. Mendelson now serves as vice-president, sales and administration. His new address is 2645 W. Greenleaf, Chicago, IL. 60645.

1979 Jay R. Goldberg, now of 3615 Central Rd., Apt. 302, Glenview, IL. 60025, was married on June 24, 1984 to Susan Sheinkop, '81. Principal engineer at Travensol Laboratories, Inc., Deerfield, IL., he is also enrolled in the Master of Engineering Management Program at Northwestern University.

Todd C. Green, a senior engineer at Valleylab, Inc., Boulder, Colorado, has moved from Boulder to Lafayette; his street address is 1256A Milo Circle.

Mark A. Medvick was married in 1980; he and his wife Debbie have three children: a stepson, Adam, 6; a son, Troy, 3; and a daughter, Haley, 15 months. They live at 427 Division St., Oakland City, Indiana 47660, where Mark is employed by the Old Ben Coal Company.

The Jeffrey R. Wallace's are now at home at 905

Muirhead Ave., Naperville, IL. 60565 in a house they took just eight months to build. He reports: "We already want to build another!" Jeff is a staff applications engineer for Liquid Carbonic Corp. in Chicago. He received his Illinois P.E. license in March.

1980 David V. Adams, 2374 Hilgard, Berkeley, Ca. 94709, MS; University of California, recently became a staff engineer at Applied Material in Santa Clara, California, one of the major suppliers of semiconductor manufacturing equipment. His initial duties involve developing automated water-handling systems.

Despite his proximity to the Badgers, Brian Galley, 930 High St., Apt. 3, Madison, Wi. 53702, remains a loyal Illinois fan, so much that he traveled to the Rose Bowl last winter and plans to attend the U.I./Wisconsin game in Champaign this fall. He recently transferred to Wisconsin's Department of Natural Resources as a review engineer in the Bureau of Air Management after nearly four years as a field engineer in Wisconsin's air pollution control program.

Bruce Gronsholt, now of 6214 W. College Ave., Greendale, Wi. 53129, was married to the former Cheryl Dion on June 9, 1984 in Milwaukee, Wisconsin. He remains a sales engineer for Westinghouse Electric Corp. in Elm Grove, Wi.

Arlie J. Marx, Woodstock, Il., has been awarded silver wings following graduation from U.S. Air Force navigator training at Mather Air Force Base, California. A second lieutenant, Marx will now serve at Loring Air Force Base, Maine.

After earning his MBA from Harvard University's Graduate School of Business in June and enjoying a European trip and a cross-country trip to California from Boston, Silvana A. Medina is now living at 3480 Granada Ave., #252, Santa Clara, Ca. 95051 and working with Hewlett-Packard as a product marketing engineer supporting data-communication products. He looks forward to seeing other G.E. grads in the area.

Thomas L. Stone, 1620 Morgan Lane, Redondo Beach, Ca. 90278, earned his MBA last December at Pepperdine University. For the past three years he has headed the Hughes Aircraft Radar System Group's F/A 18 Radar Planning, Methods, and Tooling division.

1981 Larry F. Holmes has a new address in Greenville, South Carolina: 1101 Roper Mountain Rd., #221. He is a sales engineer for General Electric Corp. in Greenville.

James E. Marshall has left Oak Park for Peoria, Illinois, where he now lives at 7150 N. Terra Vista Drive. He is a quality assurance engineer at the Commonwealth Edison Company's Powerton Generating Station at Pekin.

Michael K. Parr, Palatine, Illinois, is now an associate gas utilization engineer at the Peoples' Gas, Light, and Coke Co., Chicago.

Roger H. Stein reports a new address (745 W. Wellington Ave., Apt. 2, Chicago, IL. 60657) and a new position (associate, Neuman, Williams, Anderson, & Olson, a Chicago patent, trademark, and copyright law firm). He has no immediate plans for an advanced degree.

Moved from Peoria to 1101 Squires Manor Lane, Library, Pa. 15129, Jeanne E. Weber has been transferred to a buyer position in Westinghouse Electric Cor-

poration's W. Mifflin, Pa. transportation division where her first supplier visit will be to England.

1982 To be married this fall to Tim Alexander, an electrical engineering graduate of Purdue University, **Martha A. Anderson** is now a development engineer at Garrett's pneumatic systems division in Phoenix, Arizona. Her new address is 14643 N. 44th Pl., Phoenix, Az. 85032.

Dave A. Bretsch has a new title, Manager of Quality, at the Borg-Warner Mechanical Seal Division in Temecula, California. He and his wife Laurie, a 1980 agriculture alum, have a son Philip, now nearly two years old. Dave is working on an MBA at the University of San Diego and cheered the Illini on at Pasadena.

Mark R. Busson has moved to 4429 Chathan Dr., Evansville, In. 47715, where he now works for Whirlpool.

Timothy W. Daly is now an account executive with the Nolan Company in Costa Mesa, California. His new address is 15692 B. St., #5, Tustin, Ca. 92680. He writes that he is currently applying engineering/marketing skills to recruit and place engineers within the industry. Vertical markets include: software for microprocessors/minicomputers, CAD/CAM, technical sales, electronic and anti-submarine warfare.

After earning an M.S. in mechanical engineering this June from UCLA and having completed Hughes Aircraft Company's Space and Communications Group engineering rotation program, **Robert S. Day, Jr.** is now a Systems Engineer in Hughes' commercial systems division. Robert resides in Torrence, California.

Craig A. Kukielski has moved from Westmont, Illinois to Maryland Heights, Mo. 63043 at 1896 McKelvey Hill Dr., Apt. 210. He is working at McDonald-Douglas and working on his master's.

Christopher A. Rubak, earned his master's degree in Civil Engineering at Purdue last May, accepted a position as staff engineer at Dames S. Moore in Bethesda, Maryland, and now lives at 9314 Cherry Hill Rd., Apt. 54, College Park, Md. 20740.

David R. Vergara, now of 9106 N. Lamon, 3-N, Skokie, Il. 60077, is attending Northwestern's J.C. Kellogg Graduate School of Management in pursuit of a master of management.

1983 **Joe L. Brittin** is a nuclear safety specialist with the Illinois Department of Nuclear Safety. He now lives at 1515 N. Lincoln, #61, Springfield 62704.

Daniel J. Burg, 7952 E. 59S, Apt. 49-4, Tulsa, Ok. 74145, has been transferred to Tulsa from Dallas, Texas by the Harris Corporation. In Tulsa he assumes marketing responsibilities for national accounts such as Phillips Petroleum, American Airlines, First Data Management, and the Williams Companies.

After completing 9-months' technical advisor training, **Jordan A. Greene** has been promoted to operating experience engineer with the New York Power Authority, **James A. Fitzpatrick** Nuclear Power Plant in Locoming, New York. As a member of the plant performance and reliability group, he makes proposals for plant modifications to ensure the continued safety and reliability of the nuclear plant. His new address is P.O. Box 274, Minetti, N.Y.

Born to **Paul Henkels** and **Lori Zimmanck Henkels**, Champaign, a son, **Jonathan James**, April 2, 1984. He is completing a master's degree in general engineering at

UIUC and she formerly taught in the Champaign elementary schools. The Henkels also are resident managers of an apartment complex in Champaign.

Rather than attending the UIUC for a MSEE as reported in the Spring '84 G.E. Newsletter, **Michael C. Okkema** has accepted the position of maintenance supervisor with the McCook Sheet and Plate Division of the Reynolds Metals Company. He now lives at 4445 Deyo, Brookfield, Il. 60513.

Mary Ann (Molly) Schaefer, now a sales engineer with the York Division of Borg Warner Corp. in Wheeling, Illinois, currently lives at 1505 E. Central Rd., #413 B, Arlington Heights, Il. 60005.

Alums Make News



Gary Allie '69



Bruce Holecek '71

Gary Allie '69, MBA '71, has served for three years representing the General Engineering Constituent Association on the U.I. Alumni Association Board of Directors. He is one of 41 constituent association members on the 99-member board, the remainder being at-large members. The board meets twice annually; the next meeting will be held December first in Chicago. Board members serve two-year terms for a maximum of three terms; Gary is in the middle of his second term.

As an Alumni Board member, Gary serves on a number of committees, among them the Constituent Association Committee (which serves as an idea exchange forum) and the Constituent Association Review Committee (which is in charge of funding allocations).

A staff engineer at Inland Steel Company, Gary's current assignment is to serve as project coordinator for a new 250 million dollar continuous casting and ladle metallurgy project.

Bruce Holecek '71, MBA '76 (and a former G.E. staff member from 1973-76), after building Tower Hobbies, the mail order firm he started thirteen years ago on a shoestring while still an undergraduate, into a multi-million dollar operation, the biggest in the industry, has recently sold his business in order to start a new life and a new business in Hawaii.

Holecek will not disclose any details of his new business scheme except to say that his idea for a new firm is a timely one. He holds a pilot's license, including an instrument rating, and he hopes to earn a helicopter license once he is settled in Hawaii.

Why Hawaii, you may well ask? The Holeceks have enjoyed frequent vacations in Hawaii and they intend to follow a simpler life-style there. First, however, they will stay on in Champaign for some time to ease the transition period for their business' new owner. Tune in soon for the next installment of the Holecek saga!

1984 Annual Fund

College of Engineering

In support of the UIUC Engineering Annual Fund, enclosed is

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Faster '55 Honored

Walter W. Faster '55, Minneapolis, Minnesota, recently received the highest annual award presented by the Volunteers of America (VOA), the Ballington and Maud Booth Award for distinguished service to humanity.

Faster, vice president and director of corporate growth and planning for General Mills, has long-time service on the Minnesota VOA Community Board and served as president of the board from January, 1978 to December, 1979. He serves on other boards including the Metropolitan Economic Development Association, The Upper Midwest American Indian Center, and the Cricket Theatre. He was a founder of RELATE, a community counseling center that provides services to families, adults, and children. He is an active elder of the Presbyterian church and will serve on the first board of directors for Volunteers of America, Inc.

During his service on the VOA Board, Faster's leadership was instrumental in the development of VOA's program at Bar None Ranch for autistic children. He also spearheaded the long-range planning process for VOA in Minneapolis. As a vice president, Faster has also been part of General Mills commitment to programs designed to improve the quality of life for needy Americans.

To paraphrase an old Irish ballad, "Walter, we're glad we knew ye"!



Walter Faster '55

- Single life \$175 paid in full
 \$185 on installments
 (\$10 down, four yearly
 payments of \$43.75)
- Husband-wife \$200 paid in full
 \$210 on installments
 (\$10 down, four yearly
 payments of \$50)
- Student or grad within two years of degree
- Single life \$150 paid in full
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 payments of \$38.75)
- Student or grad within two years of degree
- Husband-wife life \$175 paid in full
 \$185 on installments
 (\$10 down, four yearly
 payments of \$43.75)
- Single annual \$11
- Husband-wife annual \$12

UNIVERSITY OF ILLINOIS ALUMNI ASSOCIATION
 1401 W. Green
 227 Illini Union, Urbana, Illinois 61801

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Address _____

City _____ State _____ Zip Code _____

College: Engineering. Department: General Engineering. Yr. _____

Spouse's name (if an alumnus) _____
 If female, list maiden name.

Spouse's College _____

Spouse's Major _____ Year of Degree _____

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