IMPACT

Kansas State University College of Engineering *Vol. 31, Number 1 Winter 1996*

1996 Telefund a SUCCESS!

By Donald E. Rathbone

Thanks to many of you, our annual Telefund calling during the first week of February was a big success. We raised over $156,000, which is an all-time high for us. This does not include matching funds from industry. The monies will be used for academic scholarships, leadership programs, equipment and student activities.

The College of Engineering has had great success in attracting top students, both academically and those who have exhibited leadership potential. Our undergraduate enrollment this past Fall was just under 2,600 students. This is greater than the total enrollments of the two other undergraduate engineering programs in the state. Without a doubt, part of our success in attracting the top students in the state has been our scholarship programs funded, in part, by the Telefund.

I want to also thank the other alumni who have so generously contributed to our college. The college has been most fortunate to have alumni and friends who have made major financial commitments to the college. Quite frankly, without the private donations that the college receives, we would ***not*** have the quality student body; we would ***not*** have the facilities, and we would ***not*** have the many student successes that we have today. I am going to stop here with my "not haves," but the list is endless.

Interestingly, Kansas State University ranks ninth in the country and first in the Big 8 in percent of alumni who contribute to public universities. This is a remarkable achievement. The surprising aspect of this fact is that only 27 percent of our university's alumni contribute. 29 percent of our engineering alumni contribute. I find this to be a surprisingly low number for us to be ranked ninth in the nation. Apparently, many public universities have only 15 to 20 percent of their alumni who contribute. The percent giving that is number one in the country for public universities is around 40.

Frankly, I am disappointed that less than one-third of our alumni contribute. They may be surprised to know that their tuition and fees paid only approximately 20 percent of their education. State taxes, federal monies, industrial grants and private donations made up the rest.

I would like to challenge the 71 percent of you who have not contributed to the college. Please be a participant. For those of you in industry, your company typically has a matching gift program that doubles (sometimes triples) your contribution. You will help build a strong college that will improve our educational programs and enhance our reputation. Bill Snyder, our football coach, has established one of the finest football programs in the country. He has also built one of the finest football facilities indoor practice field, weight rooms, educational center, press box, etc. — thanks to private donations and support from K-State alumni and friends. The College of Engineering is working hard to achieve the same success. We also need strong support from our alumni and friends.

Don Rathbone is the dean of the College of Engineering and Paslay Chair in Engineering.

Aileen Paslay, long-time donor, dies

Aileen H. Paslay, 93, died Sept. 21 at Manalapan, Fla.

Born to Judson and Flora (Tinker) Hull at Ellis, Kan., she earned a bachelor's degree from the College of Human Ecology at KSU (in 1930.

She is survived by her husband, Leroy Paslay who earned both bachelor's and master's degrees in electrical engineering from KSU in 1930 and 1934, respectively. He was also a professor in electrical engineering for two years. He was honored with a doctoral degree by the university in 1986 and inducted into the College of Engineering Hall of Fame in 1989.

She is also survived by a son, Robert, of Nashville, Tenn.; a daughter, Particia Martin, of Fargo, N.D.; a sister, Sally Wyatt, of Escondido, Calif.; seven grandchildren and 13 great-grand children.

"The Paslays have been tremendous friends of the unversity," said Dean Don Rathbone. "They have made everlasting contributions to this college in many, many ways."

Aileen Paslay was interred at Manhattan, Kan.

Students hitch ride on info highway

By Mike Dorcey

By adopting new communications technology, KSU's Career and Employment Services (C&ES) is saving students and prospective employers time and energy in making the match between graduates and jobs.

In August, C&ES posted its home page on the Internet's Worldwide Web to provide a fast, efficient, two-way flow of

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Fox only American invited to conference

By Cheryl May

Kansas State University engineering Professor Rodney Fox was the only American scientist invited to speak at an international meeting of scientists and engineers in France Nov. 7-8.

The meeting, "Les Rencontres Scientifiques De L'IFP," was held near Lyon, France. The meeting topic is "Computational Fluid Dynamics Applied to Process Engineering." The sessions brought together a small number of experts to listen to several well-known speakers. Other invited speakers are world-renowned experts in chemical engineering and professors from the top technical institutes in Europe.

"Rodney Fox has been invited to speak at this meeting because his research is considered among the best in the world in his area," said Donald E. Rathbone, dean of engineering. "His work has tremendous potential to revolutionize industrial processes."

Fox's topic at the meeting will be "Computational methods for turbulent reactive flows." As a 1991 National Science Foundation Presidential Young Investigator, Fox is at the cutting edge of chemical engineering research and a world leader in the development of computer simulations that allow industry to save steps in the design and upgrade of manufacturing processes involving chemical reactors. His research is also supported by the Dow Chemical Company and is applicable to the manufacture of a wide variety of important chemical products, including medicines.

Fox, an associate professor of electrical and computer engineering, was the first KSU professor to win a Presidential Young Investigator award from the National Science Foundation. The award is considered the highest recognition a young researcher in science and engineering can achieve. It included a $500,000 grant to support his research group over a five-year period.

His fields are chemical reaction engineering and systems theory. Fox teaches probability theory, probability and statistics, theory and analysis of nonlinear systems, control systems design, noise theory, probability density function methods for reactive flow modeling and advanced systems theory. He has taught mathematics, statistics and engineering courses in both English and French.

Fox joined the KSU faculty in 1989 as a visiting professor in mathematics, and joined the department of electrical and computer engineering in 1990. In the summer of 1995, he was a visiting professor at the Center for Transport Phenomena in Reacting Media at the University of Rouen, France. He spent the summer of 1994 at the Swiss Federal Institute of Technology in Zurich, Switzerland, as a visiting professor of chemical engineering. In the summer of 1992, he was a visiting researcher at the NASA Center for Turbulence Research at Stanford University.

Fox was awarded a NATO postdoctoral research fellowship to study at the Laboratory of Chemical Engineering Science in Nancy, France, in 1987-88. He was a National Science Foundation graduate fellow at K-State in 1984-87, where he earned a doctoral degree in chemical engineering under the supervision of Professor L.T. Fan. He was a Fulbright scholar in Zurich, Switzerland, in 1982-83; a K-State student exchange scholar at Justus-Liebig-University, Giessen, Germany, in 1980-81; and received undergraduate scholarships from Dow, Exxon and Conoco and KSU.

He is a member of the American Chemical Society, American Institute of Chemical Engineers, American Physical Society, Society for Industrial and Applied Mathematics, Omega Chi Epsilon, Phi Kappa Phi scholastic honorary, and Sigma Xi national science research honorary.

Munson wins outstanding junior award in EE

Michelle C. Munson, an electrical engineering and physics major, is the recipient of the Norman R. Carson Outstanding Electrical Engineering Junior Award for 1995.

The award is based on national competition and is presented by Eta Kappa Nu, the honor society in electrical engineering. Richard R. Gallagher, faculty advisor for the local chapter, indicated the award recognizes student leadership abilities and scholastic and technical achievements. The recognition consists of a plaque and $500.

Munson has been honored also with membership in Phi Kappa Phi, Tau Beta Pi, Eta Kappa Nu, and has received several other university honors and scholarships. Recognition has been extended to the national level by the Barry M. Goldwater, Harry S. Truman, and the U.S. Presidential scholarship programs.

In the summer of 1993, Munson participated in the Washington Internships for Students in Engineering (WISE) program. She has played as active role in several academic research projects on campus.

KSU student claims major scholarship and fellowship

By Steve Young The United States Department of Energy has awarded one of 10 Marilyn Lloyd Scholarship and Fellowship prizes to Steve McGinnis, junior in biological and agricultural engineering and natural resources and environmental science, from Matfield Green.

This award is based on a student's academic performance. With the award, McGinnis will receive $600 a month and payment of tuition and fees up to $7,000 a year. He will take an internship at one of the Department of Energy's national laboratories next summer.

"Steve is one of the brightest students in the department," said Prasanta Kalita, assistant professor of biological and agricultural engineering. "We will also be nominating him for a Goldwater Scholarship. He has demonstrated the potential to become an excellent researcher in the field of environmental engineering."

Murphy selected Kansas ASAE member of the year

At its fall meeting in Colby, Kan., the Kansas section of the American Society of Agricultural Engineers (ASAE) selected James (Pat) Murphy, KSU professor of biological and agricultural engineering, its member of the year.

This honor is limited to a select few outstanding ASAE members. Murphy is internationally recognized as an expert in the design of beef cattle and swine production facilities, including buildings, environmental control systems and waste handling systems.

Murphy has been a KSU faculty member since 1968, serving as Extension state leader in biological and agricultural engineering since 1982.

Engineering Open House '96

Schedule

April 12, 1996

Engineers' Open House Parade . . . . . Noon
(Mid-Campus Drive)
Engineering Opening Ceremonies
(Front steps of Seaton Hall)
Torch runner's arrival . . . . . 12:10 p.m.
Presentation of Yellow Brick Award. . . . . 12:15 p.m.
Crowning of St. Pat and St. Patricia. . . . . 12:25 p.m.
Engineering Awareness Seminar for High School Students
(Paslay Lecture Hall, Durland Hall)
Registration . . . . . 1:30 p.m.
Seminar . . . . . 2-4 p.m.
Engineering Student Displays and Open House of Facilities
(Durland, Seaton and Ward halls). . . . . 5:30-9 p.m.
Industrial Displays
(Durland, Seaton and Ward halls). . . . . 5:30-9 p.m.

Saturday*, April 13, 1996

High School Design Contest
Registration (Durland Hall Atrium) . . . . . 8-9 a.m.
Steel Ring Honorary Alumni Reception
(Sunflower Room, K-State Union) . . . . . 9-10 a.m.
High School Design Contest
(Durland Hall, Paslay Lecture Hall) . . . . . 9 a.m.-noon
"Rube Goldberg Challenge" design competitions
Engineering Student Displays and Open House of Facilities
(Durland, Seaton and Ward halls) . . . . . 9 a.m.-4 p.m.
Industrial Displays
(Durland, Seaton and Ward halls) . . . . . 9 a.m.-4 p.m.
Engineering Alumni Luncheon; limited seating
(Flinthills Room, K-State Union) . . . . . Noon
Engineering Social Hour
(Cats Pause, K-State Union). . . . . 5-6:15 p.m.
27th Annual Engineers' Open House Banquet . . . . 6:30 p.m.
(Main Ballroom, K-State Union; advance reservations only)

***** Saturday is also "All University" Open House at KSU.

Reservation form

Check off those events you will attend and return this form with payment to the address below.

___ I plan to attend the Engineering Alumni Luncheon on Saturday, April 13, 1996, and have enclosed my check for ____ tickets at $5 per person. (Contributors to scholarship funds and other funds and activities administered through the Dean's Office are invited as guests of the College of Engineering.)

___ I plan to attend the Engineers' Open House Awards Banquet on Saturday, April 13, 1996, and have enclosed my check for ____ tickets at $9.50 per person.

___ I will attend the social hour at the Cats Pause, K-State Union. Please reserve ____ places for me.

_____
Name

_____
Address

_____
Phone

Please make checks payable to the KSU Foundation. Deadline for reservations is **March 29, 1996**.

Return this form to:
Donald E. Rathbone
Dean of Engineering
Kansas State University
142 Durland Hall
Manhattan, KS 66506-5104

Students hitch ride on Information Superhighway to jobs

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information, according to Marcia Schuley, assistant director of Career and Employment Services at KSU.

Now students can find out which employers are coming to campus for interviews, mock interviews and career fairs and when from their campus terminals or their own computers. They can also jump through hyperlinks directly to many of those employers' own home pages to find information about their companies.

Besides campus activities, students can also find several lists of jobs linked to the C&ES site. From these lists they can pursue hundreds of job opportunities themselves.

Employers can use the home pages, too. They, too, can find out which companies are coming to campus and can ask C&ES for information about students who match their needs.

To complete the electronic circle, C&ES supplies information about students in electronic form.

"I'm hoping that as more alumni find their way to the Internet, they will send us more information about job opportunities."
— Marcia Schuley

C&ES began collecting information on students in electronic form in the fall of 1994. Now, when an employer submits a request for information, C&ES scans its electronic records for students meeting the criteria the employer specified and sends the entire record for each student meeting those criteria.

"We typically send employers the records of 20 or 30 students," Schuley said. However, as the semester moves forward, those numbers get smaller because Schuley sends information only for those students still in the job market.

Schuley said she often has employers asking questions about the preparation engineering students receive at KSU. She now directs them to push the K-State button at the bottom of the initial C&ES home page, which will take them to the university's home page. From there, a couple more buttons will take them to the College of Engineering's home page, where they will find information on courses and curricula.

Look for C&ES on the Worldwide Web:
http://www.ksu.edu/ces/ces.html

Marcia Schuley, by e-mail:
Mrss@ksuvm.ksu.edu
by phone: 913-532-1685
by fax: 913-532-6802

Beyond the Worldwide Web, Schuley likes the communications link the Internet provides her.

"People are finding it so much easier and quicker to send a message through e-mail," she said. "I'm hoping that as more alumni find their way to the Internet, they will send us more information about job opportunites."

With her Internet connection in place, Schuley feels that she has set the keystone to a new system in maintaining stronger ties between students and alumni in the area of career opportunities, a development that grew out of the job-lean years of the early '90s. A network of relationships between C&ES, students and alumni sprouted over the the three semesters the college held its Job-a-thon 1993 and 1994.

She hopes the C&ES home page and e-mail, with the potential for daily communication instead of once a semester, will produce an ever expanding, always current resource for both students and employers.

Between 1991 and 1995, the College of Engineering, whose graduates had traditionally experienced 100 percent employment, found that the downturn in the defense industry and in manufacturing caused a major shuffling among career engineers and a problem for graduates.

C&ES and the College of Engineering responded by going to the college's alumni directly through a Job-a-thon telephone campaign for three semesters in 1993 and 1994. Students contacted hundreds of alumni asking for help in identifying job opportunities. Together, they built a network of alumni across the country who were willing to share information about jobs and graduates.

"Students began to think 'purple,'" Schuley said. "They began to make these connections with industry," she said. And as these students moved into the work force, they stayed plugged into the KSU job network, supplying information on job opportunities.

"The good thing that came out of the lean years was the partnerships that were developed between alumni and the college," Schuley said.

And now with the those lean years behind her and the Informaton Superhighway ahead of her, Schuley is looking forward to even better times for students looking for a start in their careers.

Let's stay in touch

The College of Engineering and KSU's Career and Employment Services (C&ES)are trying to use the Internet to open a channnel of communication between themselves and alumni. The purpose of this channel is to expand opportunities for finding jobs, primarily for recent graduates but also for those who have been in the work force for a while but are looking for new opportunities.

The college asks that alumni contact Marcia Schuley at C&ES if they know of job, internship or co-op opportunities, whether in their own company, their geographical area or in their industry.

Black & Veatch alums demonstrate leadership

By Eileen Reichert

In an effort to bring K-State engineers the competitive edge it takes to succeed in today's marketplace, more than 50 Black & Veatch K-Staters have contributed over $100,000 to the Black & Veatch Leadership Institute fund over the past five years.

The driving motivations of these loyal College of Engineering graduates were to give something back and to strengthen engineering student's communication and leadership curriculum.

"For those of us who love the college and participate in the practice of hiring its graduates, it is natural to support an enhancement to the strong technical curriculum that the STARS program has become," said Virgil Snell, executive partner, Black & Veatch, (ArchE '54).

"When we first came together as Black & Veatch K-Staters five years ago, the college had not developed its STARS curriculum, and we in the industry were aware of how meeting this need of students' development would give our K-State grads the additional edge," he said. "Out of that initial meeting came my financial commitment and the realization that collectively we, K-Staters at Black & Veatch, could make a big difference in students' preparation."

Currently the College of Engineering offers a comprehensive leadership course, the STARS Program: Introduction to Personal and Professional Development. The overall objective of the course is to create a base of experience for engineering students in the nontechnical areas of interpersonal communications, quality management, and leadership and team building.

This course provides a complement to the technical rigors of KSU engineering by emphasizing critical component leadership and communication play in corporate settings. The first half of the course provides engineering students with an opportunity to assess their own management style and explore alternative development and management theories. And teams pursue problem solving, creative thinking, project management and ethics as they work on a comprehensive course project. Through this series of exercises and activities, students obtain a clearer understanding of the path for personal and career development.

The students' progress in the course culminates with a team presentation to campus and Black & Veatch reprentatives on Black & Veatch Leadership Institute Day, who offer their observations and comments on preparation, analysis and presentation skills. The use of the campus and professional audience is an opportunity for students to self-test and for the team project to be evaluated.

"We'll be proud to participate in Black & Veatch Leadership Institute Day this spring," said Jeffery Arroyo (ME '83), a mechanical engineer with Black & Veatch. "I look forward to an opportunity to share this experience with the students and other K-Staters at Black & Veatch."

Russell named fellow of ASCE

Eugene Russell, a professor of civil engineering at Kansas State University (KSU), was elevated to the grade of fellow by the American Society of Civil Engineers (ASCE) during a ceremony at the KSU campus Nov. 9

The grade was bestowed on Russell, who is also director of the Center for Transportation Research and Training at KSU, during a joint meeting of the Kansas section of the society and the student chapters of KSU and the University of Kansas.

Being designated a fellow of the society is considered one of the highest forms of professional recognition. According the ASCE, to be eligible for this honor a member must be a legally registered engineer or land surveyor and have had responsibility, at the grade of member, for at least 10 years for important work in engineering or surveying and be qualified to direct, plan or design engineering works.

The society also elevates members to fellow if they have been responsible for important industrial, business, construction, educational, editorial, research or engineering society activity that requires the knowledge and background gained from engineering training and experience.

Sprint/United-Midwest awards scholarships

By Carol Hockersmith

Three Kansas State University minority engineering students in November received $500 scholarships and plaques for outstanding scholastic achievements and leadership from Sprint/United Telephone-Midwest.

Karen M. Martin, director of KSU's minority engineering program, said this demonstrates Sprint/United Telephone's commitment to assure that minority students advance into careers in engineering.

Honored students are Debra I. Briant, fifth-year student in architectural engineering; Kennedy Bernard Logan, senior in electrical engineering; and Michael Keith Maddeford, sophomore in electrical engineering.

Making the presentations to the students were Angela Chammas, manager of quality/process improvement, and Bill Vest, vice president of network, both engineers for Sprint/United Telephone-Midwest.

Chem-E chapter among tops in 1995

By Cheryl May

The Kansas State University student chapter of the American Institute of Chemical Engineers received an Outstanding Chapter Award at the Institute's annual meeting and student conference in Miami Beach, Fla., Nov. 12. This award is presented annually to the top 10 percent of the 150 student chapters across the country.

This is the first time that the K-State chapter has received this prestigious recognition. Attending the award presentation were chemical engineering seniors Paul Hoeller, Chris Thomas, and Amy Alexander all officers in the award winning group. Also attending were current chapter officers Barbara Gray, Matt Grieb, Teri Moore and Pat Wilburn.

"Although she was unable to attend, Staci Nicholson, a 1995 graduate who served as president of the group, was a key figure in the nomination for the award," said Professor Walter Walawender, chapter adviser.

Chris Thomas was also recognized at the conference as a recipient of one of 15 American Institute of Chemical Engineers national scholarships. Thomas is the second KSU chemical engineering student to be honored with this award in the last three years.

Clayton Matney (ME '38), Tucson, Ariz., retired from G.E. Co., LSTG dept., with 40 years of service in 1977. He and his wife, Ruth (Johnston) (MusicEd '40), celebrated their 55th wedding anniversary in July and Clayton's 80th birthday in October, 1995. They are enjoying good health and have traveled worldwide. In sharing a memory, Clayton recalls being on the freshman football team as "fodder" for the varsity practice the year KSU won their only Big Six championship. He was a roommate of Rolla Holland and P.K Fanning, both All-Americans. He notes, "We all carried 18 hours of credit each semester and graduated in four years."

Jack H. Swafford (EE '51) retired from the Kansas City Division of Allied Signal after 40 years of engineering development and management. He is now teaching Total Quality Management part-time at Johnson County Community College in Overland Park, and operating a quality and production consulting business.

Fritz Urbanek (CE '59), Sandy, Utah, retired in December after 37 years with the FAA. His last career "high" was coordinating the commissioning of a new runway at Salt Lake International Airport.

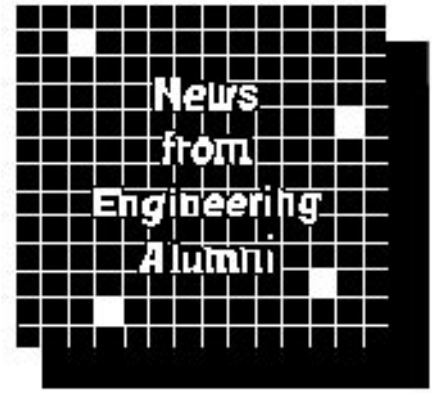
D.C. Spencer (CE '59) retired from the Arkansas Hwy. Dept. in June 1995 after 35 years of service. He is presently building highways with Western Construction Inc., Hot Springs, Ark., as senior construction manager.

Kenneth A. Brewer (CE '60, M.S. '61), Ames, Iowa, has been named 1995 Outstanding Civil Engineer by the Iowa Section of ASCE.

Leon G. Streit (ME '61), Davison, Mich., retired Oct. 1 after a 34-year engineering career at GM. He retired as director of engineering services, vehicle engineering, in the Cadillac/luxury car division.

Ray E. Huebner (EE '62) and his wife, Glenda "Glee" Reed Huebner (HEAE '60), have retired and returned to Dallas from Saudi Arabia.

Don E. Croy (M.S. ME '63) received the Rocky Mountain Chapter of the Association of Energy Engineers "Energy Engineer of the Year" award for 1995. He is president of CAER Engineers Inc., Golden, Colo.



Junior Thiry (ME '63), Lancaster, Pa., reports that his and his wife's, Sherron, three sons, Doug, John, and Paul, are all serving on active duty as officers with regular commissions in the U.S. Navy.

Donald M. Rasmussen (ChE '63) has recently relocated to the Houston area. He has been with Union Carbide Corp. for 33 years and is currently director of engineering and construction. He is also serving as 1996 Chairman of the Construction Industry Institute.

Marlin D. Breer (ME '64) was designated a Boeing Associate Technical Fellow in February 1995 — the first person so named in Kansas. He and his wife, Joan (BA '75), and son, Kale, 11, live in Wichita.

James R. "Jim" Jaax (ME '65, M.S. '67) is deputy director of engineering for NASA's Johnson Space Center. His wife, Suzanne (Behrens—F&N '65, M.S. '67), is a research dietitian for Baylor College of Medicine, Houston. Their son, Bryan, is an engineer working on the space station in Houston, and their daughter, Kristen, is in her second year of medical school at the University of Washington.

Bala R. Nair (M.S. IE '69), Huntingdon, Pa., has been promoted to manager of service technology in the Nuclear Services Division of Westinghouse Electric Corp. He had previously been manager of advanced technology development.

John Buchheister (EE '71), director of battle management command, control and communications in the Office of External Affairs, Ballistic Missile Defense Organization, Washington, D.C., has been promoted to the rank of senior executive service. He has more than 24 years of government service. He and his wife, Marilyn, have two children, Bryan and Elizabeth.

William J. Schrandt (IE '73) retired after 24 years as a lieutenant colonel in the U.S. Army Corps of Engineers. He had returned to school and graduated with a B.S. in CE from the University of Kansas in May 1995. He is currently director of public works, Lansing, Kan.

Jon D. Nelson (CE '74), Tulsa, Okla., was appointed to the Oklahoma Board of Registration for Professional Engineers and Land Surveyors. His term began July 1, 1995.

Timothy L. Kellner (ChE '76) announces the birth of a third son, John, on April 19, 1995. He is a self-employed environmental engineer in Baton Rouge, La.

Michael Hafling (ARE '77) has been promoted to vice president of operations for SE Operations, Raleigh, N.C. He also announces the birth of a second son, Andrew Hill, born Oct. 31, 1995.

Ted Wiesner (ChE '77) has been appointed assistant professor of chemical engineering at Texas Tech University, effective Jan. 1, 1996. He had recently completed a one-year appointment as a visiting professor at the University of Maryland-Baltimore County. His wife, Colleen, will be joining him in Lubbock after she completes a volunteer assignment with the Atlanta Olympics in August 1996.

Terry Kotouc (CnS '78) is the owner of TGK Contracting in Pleasant Hill , Calif. He will celebrate his 10th year of business in 1996.

Debra (Royse) Zoloty (ChE '79) has been promoted to plant manager for Amoco Nisseki CLAF Inc., a manufacturing facility in Roanoke, Ala. Amoco Nisseki is a joint venture of Amoco Fabrics and Fibers and Nippon Petrochemical (Japan).

Bruce Hazeltine (ChE '81) has left an 11-year career with Dow Corning in Midland, Mich., to join Velsicol Chemical in Chattanooga, Tenn., as development project manager in charge of transferring new technologies from R & D into commercial production.

Trent Peterson (CnS '82) has accepted a position as a project manager with the MLN Company, a mechanical contractor in Houston.

David M. McNaghten (ARE '82) has joined the structural consulting firm Charles R. Page and Assoc. as a partner. The firm is located on the Kansas side of the greater Kansas City area.

Brian K. Bednar (EET '83) has accepted a position as marketing and operations manager for National Circuits Corp., Scottsdale, Ariz., a firm that markets and sells circuit boards and components to various places around the world.

Bart J. Natoli (ME '83) is celebrating 10 years of service with a promotion to head of the department of engineering and technical services of Habitat Belting Inc., Atlanta.

Tim Friedel (EE '84) and his wife, Leslie ('83), announce the birth of their second child, Chandler Jay, born Sept. 2, 1995. He joins his big brother, Schuyler. Tim is a senior design engineer with Boeing Helicopters, Ridley Park, Pa.

David Haverkamp (CIS '84) and his wife, Susan, have adopted a baby girl from Korea. Kayla arrived Sept. 6, 1995, and was born April 1 last year. She is their first child.

Jay Gaines (EE '84), Lusby, Md., received his senior operating license from the Nuclear Regulatory Commission. He is a shift technical advisor at Calvert Cliffs Nuclear Power Plant.

Thomas Bird (ME '85) and his wife, Gah (ME '85, Univ. of Neb.), Omaha, Neb., announce the birth of a son, Samuel Thomas, Aug. 31, 1995.

Debbie Dee (McKain) Marchesini (ET '85) has received her MBA from the State University of New York at Albany.

Dale E. (Ed) Beeman Jr. (CnS '85) was recently promoted to chief estimator at Walton Construction, Kansas City, Mo. He and his wife, Kathy, have two daughters, Lauren and Kaitlin, and live in Lenexa, Kan.

Mike Kelso (EE '86) and his wife, Robyn (Animal Sci. '89), announce the birth of their second child, Mason Paul Dalton, Nov. 6, 1995. Mike has been promoted to network consultant at DST Systems in Kansas City.

Randall P. Bernhardt (M.S. CE '86) was recently named to the Illinois Earthquake Advisory Group and Southern Illinois University Industrial Advisory Board. He has a structural engineering firm in Carbondale, Ill.

Allan G. Burk (AgE '86) and his wife, Sonja, Natchitoches, La., had their first child, Austin Riggs, on Nov. 2, 1995.

Azim U. Karimi (EE '86) just completed a six-month assignment in Korea and has been promoted to senior project engineer at Underwriters Laboratories, Santa Clara, Calif.

Kazunobu Nagashima (M.S., IE '86) has returned to the University of Texas at Austin after spending the last seven years working in Japan. He expects to graduate with an MBA in May 1996.

Geoffrey Hose (ARE '87) and **Sherri (Grimm) Hose (CnS '87)**, Overland Park, Kan., announce the birth of their first child, Paul Matthew, July 10, 1995. Geoffrey has been a structural project engineer at Kerr, Conrad, Graham Assoc. for the past six years and is taking night classes toward his master's degree. Sherri has been an estimator and project manager for Foust Steel Fabrication for the past five years.

James N. Meeks (ME '87) and his wife, Betsy Sloan-Meeks (P.E. '83, M.S. Ed. '89), had their first child, Clifford James, or "C.J.," on Nov. 2, 1995. They live in Shawnee Mission, Kan.

Mark Verschelden (IE '86) and **Katherine (Gehrke) Verschelden (IE '87)**, Shawnee, Kan., announce a new baby, Lucas George, on March 23, 1995. He has an older brother, Thomas. Mark works for the U.S. Postal Service and Katherine is raising Thomas and Lucas.

Bill Henn (MET '88) will begin a new position as area sales manager for Sperry-Sun Drilling Services, Jan. 1, 1996, in New Orleans, La. He has been with the company for seven years, previously serving as senior sales rep. in Dallas for four years. He and his wife, Donna, have one son, Chris.

Kurt A. Bratton (IE '88) was recently promoted to plant manager of Schuller International's high temperature pipe

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What's new with you?

We'd like to know—and so would your former classmates. Please take a few minutes to jot down job changes, professional or other activities, your retirement or remembrances you'd like to share. Use this form, or write to Mike Dorcey, the editor of IMPACT, using one of the addresses below.

Name

Major/Class year

Address

News for IMPACT

Send to IMPACT Editor, by mail to ● College of Engineering, Kansas State University, 146 Durland, Manhattan, KS 66506-5104; by e-mail to ● mdorcey@oz.oznet.ksu.edu; by fax to ● 913-532-6952

insulation facility in Waukegan, Ill. He had previously served as manager of environmental affairs for Schuller's performance materials division.

Sheryl (Burton) Sebelski (ME '88), Ann Arbor, Mich., and her husband, Brian, announce the birth of a son, Matthew Reid, Oct. 8, 1995. They also have a daughter, Amanda, 2.

Russell D. Taylor (EE '89) and his wife, Sarah, announce the birth of their second child, Allison Suzanne, Sept. 13, 1995. Russell is an engineer for Halliburton Services, Duncan, Okla.

Mark L. Hubert (IE '89), Ballwin, Mo., is a specialist of new business estimating for McDonnell Douglas. He and his wife, Cathy, had their first child, Blaine Michael, Aug. 22, 1995.

Michael Funk (ME '89) and his wife, Jennifer, Derby, Kan., announce the birth of their first child, Taylor Ryan, Oct. 9, 1995.

Scott Bergkamp (EE '89) has accepted a new position as project manager for business development with Koch Gateway Pipeline Co., Houston.

Rick Perkins (ME '90) and his wife, Kim (Schwartz) (Acct. '90), announce the birth of Joseph Richard, March 14, 1995. Rick is a consulting engineer for Black & Veatch Special Projects Corp., Overland Park, Kan. He received his P.E. license in February 1995.

Kurt Anderson (ChE '90) and his wife, Kristen (Schlender) (BA '89), announce the birth of their child, Luke Ingram, Nov. 15, 1995. Kurt is a manufacturing engineer for Dow Corning Corp., Midland, Mich.

Eric W. Bishop (CnS '90) and his wife, Crystal, announce the birth of their fourth child and first son, Thomas Levi, Oct. 30, 1995. Eric works for Sherwood Construction, Wichita, Kan.

Douglas S. Base (AgE '90), Lindsborg, Kan., and his wife, Teri, announce the birth of Lindsay Louise, Oct. 16, 1995. Doug is a design engineer at Great Plains Mfg. Inc.

Darren D. Hinton (CnS '91) and his wife, Leslie, announce the birth of a daughter, Mary Catherine. Darren is a project engineer for Hensel Phelps Construction Co., working for their Southern California district.

DEATHS

Neils K. Anderson (EE '38) died Sept. 20, 1995, in Waverly, Ohio. He was retired from Ohio Valley Electric and is survived by his wife, Edith.

Richard C. Allen (EE '41), Joplin, Mo., died April 24, 1995, having spent a long career with the Empire District Electric Co. He was active in the Joplin community and had received the KSU Distinguished Service Award in Engineering in 1977. He is survived by his wife, Agatha; three sons; six grandchildren; and one great grandchild.

Richard B. Spencer (AgE '48), Carlyle, Ill., died Oct. 8, 1995.

John W. Morrison (AgE '50), Mandan, N.D., died Nov. 11, 1995. He enjoyed a long career with Amoco Refinery until his retirement in 1985. He was active in his community and is survived by his wife, Lola; two daughters; one son; and five grandchildren.

Duane S. Lundy (EE '59, M.S. '62), Scottsdale, Ariz., died Nov. 7, 1995. He retired in 1990 after 20 years on the technical staff at Motorola. He received the Dan Noble Fellowship Award in 1989, an award given to outstanding engineers. His is survived by his wife, Evalee, and two daughters.

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