IMPACT

Kansas State University College of Engineering Vol. 32, Number 2 Spring 1997

Terry King named new dean of engineering

By Cheryl May

The chair of Iowa State University's department of chemical engineering is moving to Kansas State University to become dean of engineering.

Terry S. King, 44, plans to begin his new duties in June. He succeeds Donald E. Rathbone, who has been K-State dean of engineering for the past 23 years, the longest tenure of any dean of engineering in the United States.

"Dr. King has an excellent record of teaching, research and service," said K-State President Jon Wefald. "In addition to his experience at Iowa State, he has worked in industry and has the sound technical experience necessary to lead the college of engineering into the next century. I welcome Terry King and have every confidence that he will be an outstanding dean."

King comes to K-State after 14 years at Iowa State and three years at Exxon Chemical Company. He has been awarded three patents, two from work at Exxon and the third from research at Iowa State. He also is active as an industry consultant for numerous national and international companies.

Provost Jim Coffman said, "Terry King is a great choice. He has the experience and personal skills and characteristics to continue, even enhance, the quality and development of K-State's College of Engineering. I very much look forward to working with him."



Terry King

King recently completed his sixth year as chemical engineering chair at Iowa State. He supervises a department with 18 faculty, 490 undergraduates, and about 65 graduate students and postdoctoral associates. He has continued to teach while serving as department chair, and has been awarded two department

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Fiedler Hall to house labs, interactive library

Fiedler Hall to hourse labs and interactive library

The design of the third phase of the Engineering Complex, Fiedler Hall, is now underway.

Preliminary plans call for Fiedler Hall to be located west of Phase II of the present complex, but to be directly connected to the present structure. It will be a 70,000-square-feet building, which is similar in size to Phase I of the complex. Ground-breaking will take place in the spring or summer of 1998.

The main components of the building will be the Fiedler Library, a computer-based, interactive library of 20,000 square feet with a multimedia lecture hall; a long distance outreach center; computer classrooms; a conference center; and laboratory and office space for the civil engineering department.

"It's my opinion that, with this addition, we'll have as fine a facility as any engineering college of our size in the United States," said Donald Rathbone, dean of the college of engineering. "When you look at the composition of our facility, it will be outstanding. Others may be bigger, but none will be better."

Study models of the Engineering Complex showing a potential new addition have been made, but an exact design has not been decided upon, according to Jerry Carter, director of facilities planning and the university architect.

"The first two phases of the complex are very visually strong buildings," Carter said. "It could be presumed that the Fiedler addition would be in a style which would be reflective of the first two phases. But we might also come up with a new addition which looks a little differ-

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Kuhlman takes helm at Salina campus

By John Fairman

Dennis Kuhlman has been named dean of technology at Kansas State University-Salina effective July 1, 1997.

Kuhlman's selection was announced by President Jon Wefald and Provost Jim Coffman following the recommendations of a selection committee. He will replace Jack Henry who had previously announced his resignation at the conclusion of the 1996-97 school year.

A 1970 graduate of K-State, Kuhlman earned his doctorate in agricultural engineering from Oklahoma State University in 1985. He has served on the faculty at K-State since 1977. He was president of the KSU Faculty Senate in 1994-95.



Dennis Kuhlman

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Dean Rathbone celebrates retirement at May 3 banquet



Dean Rathbone's family was on hand to celebrate with him: His daughter, Lynda, and from the left in the rear, Wally, a brother, and his wife, Lolly; Mary Ann, a sister-in-law; Lynne, his wife; and Ken, a brother.



Above, Dean Rathbone greets university President Jon Wefald and his wife, Ruth Ann, as they arrive.



Above, Lynne Rathbone admires a gift of a jewelry box hand-painted with delphiniums from the college of engineering. Below, daughtter Lynda listens to one of the many presenters.



This group of students represent several tables of undergraduates and graduates who came to wish Dean Rathbone well and express their thanks for his support of their professional and developmental groups.





University Provost James Coffman thanked Dean Rathbone for his years of leadership and willingness to be a team player and share his experience with the entire university.



Rathbone Scholarship Fund up by $77,000

Friends and well-wishers came forward generously to wish Dean Don Rathbone well on his retirement by contributing more than $77,000 to the Rathbone Scholarship Fund. The "check" for the amount was presented to Rathbone as the final gift during his retirement banquet. The fund will provide scholarships for engineering students in all disciplines. The Rathbones hope to raise the level of the fund to more than $100,000 by the end of this year. See the coupon on page 8 if you would like to help them achieve this goal.



Representing the College of Engineering Advisory Council an Hall of Fame, Bob Exline (IE '56), Salina, thanks Rathbone for his service to the college and congratulates him on and wishes him well in his retirement.



Dean Rathbone displays the statue of a buffalo presented to him by Maj. Gen. Michael Dodson (MSIE '79), commander of Fort Riley, on behalf of the military and civilian work force there.



At the close of the ceremonies, Dean Rathbone thanks the 350 people who came to wish him well.

King to become KSU's new dean of engineering

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and college teaching awards.

As department chair he led successful accreditation efforts, reactivated the department's advisory council and initiated one endowed professorship and received commitments for two more. In addition, the level of alumni giving increased through development efforts. Undergraduate and graduate enrollments increased, as did sponsored research funding.

"The College of Engineering at Kansas State University has many features I find attractive," King said. "First, it has a remarkably strong commitment to giving students the very best educational experience possible. Second, the faculty members are creating outstanding, practical research programs that will benefit the citizens of the state of Kansas. And the college is engaged in ambitious partnerships with Kansas industry to enhance competitiveness and regional opportunities. The tremendous support from alumni and friends of the college are a testament to its traditions of excellence."

At K-State King will lead a college with nine departments and 179 faculty members. Enrollment in the college of engineering last fall was nearly 2,500 students.

King earned his bachelor's degree from Iowa State in 1975 and his doctorate from the Massachusetts Institute of Technology in 1979. His research interests include fundamental catalysis and surface science, application of solid state NMR to catalyst studies, catalyst applications, surface thermodynamics and reaction engineering.

During his 14 years at Iowa State he acquired more than $3.7 million in funding, primarily from the U.S. Department of Energy and the National Science Foundation. He published more than 60 peer-reviewed articles and one book chapter and gave more than 100 talks. He also directed 20 graduate and postdoctoral students.

He is married to Kathleen King, an artist who holds an M.F.A. degree from Louisiana State University. They have two children, Andrew, 13, and Jonathan, 11. KSU

Engineering Complex gets third phase

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ent from the others, but still looks like it was intended to be there."

Alice Fiedler, in honor of her late husband, has contributed $5.3 million to the project, matching the funding granted by the state of Kansas.

"Alice has contributed half of the cost of this major addition," Rathbone said. "She's been a most generous and most gracious lady. We'll be forever indebted to her."

George Fiedler earned a bachelor's in electrical engineering in 1926 and a professional degree in electrical engineering in 1934 from K-State. George Fiedler was a member of the College of Engineering's first class of its Hall of Fame for his distinguished career, Rathbone said.

One highlight of Fiedler's career was the design of instrumentation, automatic controls, special drives, glass cutting and handling machinery for the first automatic window glass manufacturing plant. In operation since 1959, this completely automatic plant was built for Pittsburgh Plate Glass Co. in Decatur, Ill.

For this and other contributions to the engineering field, George Fiedler was made a fellow of the American Institute of Electrical Engineers and four other engineering-related societies. He also belonged to numerous engineering honorary societies, including the National Society of Professional Engineers. KSU

EE professor Bill Dawes dies of cancer

William H. Dawes Sr., professor of electrical and computer engineering, died March 15 of brain cancer in his Manhattan home. He was 57.

Dawes first came to KSU as an undergraduate and received his bachelor's degree in physics in 1969. He went on to earn his master's degree in 1972 and his doctorate in electrical engineering in 1974.

After he graduated, Dawes helped found the ICE Corp., an electrical engineering and design firm based in Manhattan.

He started teaching at KSU in 1977 in the engineering technology department.

Dawes was also involved in a research project for NASA with BioServe Space Technologies. That research was to be launched on the January 2001 space shuttle for testing.



William H. Dawes

Dawes had been the faculty adviser for the KSU Parachute Club since 1982 when he made his first jump. He had more than 100 jumps to his credit.

Dawes was a member of several organizations, including the Manhattan and KSU ham radio clubs.

"He was an excellent engineer and a fine teacher. He was an entrepreneur and a man of many interests," said Dean Don Rathbone. "I don't think there is any question he'll be missed by the students and the faculty of the college of engineering." KSU

K-State promotes 10 engineering faculty members

By Beth Bohn

Kansas State University President Jon Wefald has approved promotions for 10 Kansas State University engineering faculty members. The promotions, which take effect July 1, include five faculty members to professor and five to associate professor.

To professor

- Gary Clark, biological and agricultural engineering
- John Devore, electrical and computer engineering
- Ruth Dyer, electrical and computer engineering
- Medhat Morcos, electrical and computer engineering
- James Edgar, chemical engineering

To associate professor

- Shing Chang, industrial and manufacturing systems
- Peter Gorder, mechanical engineering
- Bruce Reichert, mechanical engineering
- Yacoub Najjar, civil engineering
- Gurdip Singh, computing and information services KSU

Tau Beta Pi honors IBM as Company of the Year

By Mike Dorcey

Kansas State University's College of Engineering and Tau Beta Pi, its all-engineering honorary, honored International Business Machines Corporation (IBM) as their Company of the Year for 1996-1997.

Randy Groves, a KSU alumnus and a native of Salina, and Ray Florez, a program manager for college relations and recruiting, represented IBM during ceremonies following a banquet April 28. Groves, vice president of PC servers development at IBM's facilities at Research Triangle Park, N.C., was also recognized as the Tau Beta Pi Man of the Year.

"We honor companies that have been committed to engineering education and to high standards and quality performance in the engineering profession," said Don Rathbone, KSU's dean of engineering. "IBM certainly more than qualifies on all accounts."

The IBM executives interacted with between 300 and 400 students while at K-State, Rathbone said, giving students an insight into what to expect when they go into industry.



Tau Beta Pi representatives greet IBM officials April 28:, left to right, Brad Guenther, Troy Brin and Brian Combs, all of Tau Beta Pi; Ray Florez, IBM; Dean Don Rathbone; Randy Groves, IBM; Scott Leahy and Ruth Alexander, also of Tau Beta Pi.

"It was a full day of events," he said. "The IBM representatives mixed with students and faculty during their visit, to include teaching a regular class. We also gave them a quick tour of our facilities."

Recent past recipients of the Company of the Year honor have been AlliedSignal, Black & Veatch, Boeing, Conoco, Dow, Goodyear, John Deere, Koch Industries, Procter & Gamble, and Western Resources. KSU

Engineering students initiated into Mortar Board

By Bree Bisnette.

Kansas State University students were initiated into Mortar Board National College Senior Honor Society March 16.

Mortar Board members are selected in the spring of their junior year on the basis of scholarship, leadership and service. Out of the 200 Mortar Board chapters in the nation, the Kansas State University chapter was one of five chapters to be recognized as a Chapter of Excellence with Distinction at the 1996 national meeting in Columbus, Ohio.

In order to be considered for membership in the KSU Mortar Board chapter, students must have a minimum of a 3.3 grade point average and exemplary records of leadership and service on campus and in the community. Although faculty may nominate students for membership in Mortar Board, members are selected by outgoing student members.

Members meet weekly in order to develop a variety of leadership and service projects, which is why they have adopted the motto "scholars chosen for service, united to serve."

The engineering juniors initiated include: Aaron Ball, mechanical engineering; Melissa Miller, industrial engineering; Amy Bartel, architectural engineering; Scott Heideman, electrical engineering; and Kevin Stamm, biological and agricultural engineering. KSU

Kuhlman moves to Salina campus

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The author of numerous professional articles, Kuhlman has conducted extensive research in technology related to production agriculture. He serves on numerous national professional organizations related to agricultural engineering, aviation and technology.

"We are extremely fortunate to have Dennis Kuhlman as our next dean of the College of Technology at K-State-Salina," Wefald said. "His background and his understanding of Kansas State University will greatly enhance the Salina campus as it moves forward in establishing one of this nation's leading academic programs in technology and aviation. I am confident that Dr. Kuhlman will bring renewed pride and energy to all members of the college's faculty and staff."

Provost Coffman said of the new dean: "Dr. Kuhlman has all of the ingredients to become an outstanding dean of technology for Kansas State University-Salina. His leadership skills will greatly strengthen KSU-Salina and leverage the assets we have in the faculty, students and the Salina community." KSU

Master's degree in engineering management approved

You can now receive a master's degree in engineering management from Kansas State University through the Department of Industrial and Manufacturing Systems Engineering.

The Kansas Board of Regents has just approved this program and courses will be available in the fall semester.

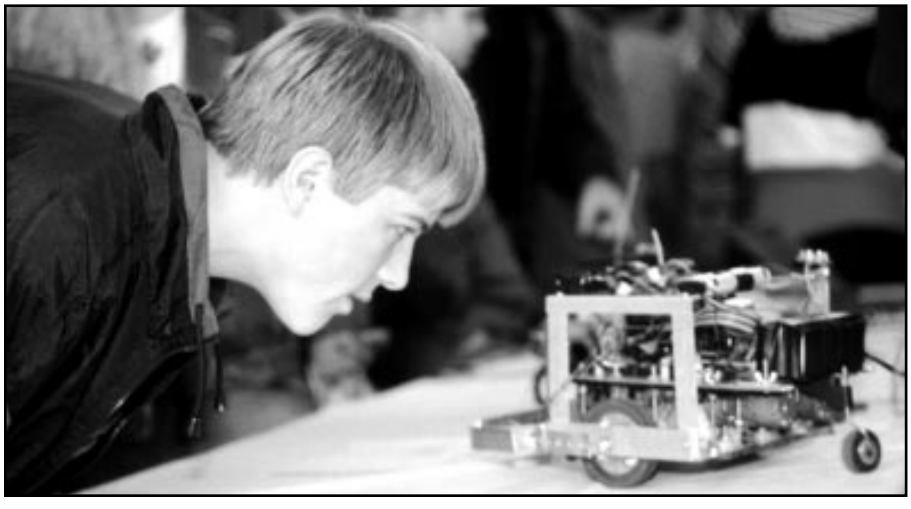
This degree and the courses leading to it are available through distance learning.

For information on the program, contact Brad Kramer, department head, at 785-532-5606, or email at bradleyk@taylor.ie.ksu.edu.

For information on enrolling, contact Ellen Stauffer in the Division of Continuing Education at 785-532-2562, or e-mail at estauff@dce,ksu.edu. KSU



Above, these civil engineering students are testing the ability of an entry to hold weight in the "Balsa Wood Bridge Design Competition" for high school students. Below, a visitor gets down for a close look at the inner workings of one of the entries in the robot competition.



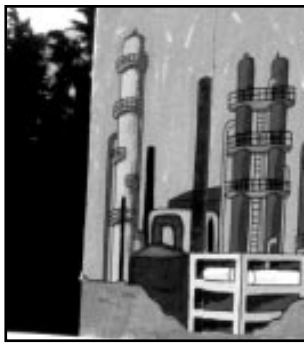


Steel Ring President Joey Schriner proclaims the official o
House from the podium as Bill Roberts, president and CE
Rathbone cut the ribbon on the front steps of Seaton Hal

Engineering C

"Gateway to the Future"

April 4-5, 1997



Scott Glenn, senior in chemic
hopes of chemical engineerin
on from the rear of the Chem

Award winners:

Yellow Brick — Mechanical Engineering
Outstanding Department — Construction
Open Class — Jason Leavitt, Construction S
Limited Class — Wee Lee Tay, Civil Enginee
Curriculum — Cliff Wickstrum, Construction
Freshman/Sophomore Class — Justin Coo
Science a
Technical — Jill Plautz, Industrial and Manuf
Engineering
Graduate — Jennifer Jones, Biological and A
Best Historical Display (new for 75th Open
Biological and A
St. Pat — Gregory Gehrt
St. Patricia — Teri Moore
W. Leroy Culbertson Steel Ring Leadersh
Christopher Hansen
Advisor of the Year — Charles Burton, Arch
and Construction Scienc



pening of the college's 75th anniversary Open
O of TDM Company, Redford, Mich., and Dean Don
l.

Open House



Jian Gu, a graduate student in physics, calibrates his robot by "teaching" it the white lines it is to follow and the dark areas it should avoid.



al engineering, holds high the
g as Professor Shaoyi Jiang looks
nE float during the parade.

Marvin Sprecker shows off the Yellow Brick Award his department, mechanical engineering, won for having the outstanding entry in the engineering open house parade.





The St. Pat and St. Patricia finalists take their place on the front steps of Seaton Hall. They are, left to right, front to rear, Raymond J. Schieferecke and Teri L. Moore; David E. Heckathorn and Heather Veith Rectanus; and Gregory J. Gehrt and Elizabeth Van Goethem.

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Advisor of the Year

During the Open House banquet, Dean Don Rathbone honors Charles L. Burton, professor of architectural engineering and construction science, as the advisor of the year.

Three K-State students accept WISE internships

By Mike Dorcey

Three Kansas State University students are among the 15 selected nationwide to participate in the Washington Internships for Students of Engineering (WISE) program this summer.

Christopher Hansen, a senior in nuclear engineering and prelaw, Scott Heideman, a junior in electrical engineering, and Frederick R. Sheffield, a junior in civil engineering, will represent KSU, according to Anne Hickox of the Society of Automotive Engineers.

"WISE interns live at George Washington University in Washington, D.C., for 10 weeks," Hickox said. "During their time in Washington, they interact with leaders of Congress and the Clinton administration, industry, and prominent nongovernmental organizations. Meetings with congressional committees, executive office departments and corporate government affairs offices are daily activities."

The interns also research and complete a paper on a current and topical engineering-related public policy issue that is important to the sponsoring society, she said.

The 1997 program dates are June 2 to August 8. The students will be under the guidance of a nationally prominent engineering professor and can earn three transferable credit hours. They receive a stipend of $1,400 and are provided lodging and travel expenses.

"The program received a large number of applications this year," Hickox said, "from which the sponsoring societies selected 15 interns, eight men and seven women."

According to Kenneth Gowdy, associate dean of engineering, "This is a premier internship program and K-State's College of Engineering has had at least one student chosen every year for the last 13 years and ranks first in the nation for the number of interns selected for WISE during that period."

In addition to Hansen, Heideman and Sheffield, two other K-State students also were offered WISE internships but declined so they could pursue other activities this summer, Gowdy said.



Associate Dean Ken Gowdy, left, and Dean Don Rathbone, far right, congratulate Chris Hansen, Frederick Sheffield and Scott Heideman for being selected to participate in the WISE program.

The other colleges and universities represented this year are Arizona State University, Cedarville College (Ohio), Florida Institute of Technology (two interns), Grambling State University (Louisiana), University of Houston, Manhattan College (New York), Milwaukee School of Engineering, New Mexico State University, Oklahoma State University, Rensselaer Polytechnic Institute, Syracuse University, and University of Washington.

Seven societies are sponsoring the WISE interns this year: American Institute of Chemical Engineers, American Nuclear Society, American Society of Mechanical Engineers, Institute of Electrical and Electronics Engineers, National Society of Black Engineers, National Society of Professional Engineers, and the Society of Automotive Engineers. KSU

Rathbone Engineering Scholarship Fund

Please complete and return this card with your gift. Make checks payable to the KSU Foundation – Rathbone Scholarship Fund.

I/we would like to join with Don Rathbone's many friends and admirers to say thank you with a gift/pledge of $_____ to the Rathbone Scholarship Fund. (Please specify month for pledge.)

_____
Name

_____
Address

_____
City State ZIP

Mail to:
Rathbone Scholarship Fund
The KSU Foundation
2323 Anderson Ave
Manhattan, KS 66502

Tim Nightingale: It's his right and privilege

By Mike Dorcey

Tim Nightingale left the campus of Kansas State University in 1971 with a degree in construction science, but he did not leave K-State behind. Through a variety of activities, he still supports the construction science curriculum in the department of architectural engineering and construction science.

Nightingale, now the president of Conco Inc. in Wichita, is active both personally and through his firm, by providing two endowed scholarship programs, an endowed professorship, offering Cooperative Education Program (co-op) opportunities to students and serving as a member of the department's Construction Science and Management Advisory Council.

Conco Inc. is a commercial building contracting firm that specializes in system buildings for offices, apartments, retail stores and industrial, religious and educational facilities. A privately held corporation, it employees about 100.

"To me, personally and corporately, it's a right and a privilege to help young people preparing for a career in construction science," he said. "There are plenty of places to give, volunteerism and things you can do, but when you're removed from the university life, it's difficult to participate, so we participate monetarily."

Nightingale and his company fund two scholarships, the Nightingale Scholarship and the Conco Scholarship. Now in their fifth year, they have a combined value of nearly $45,000, according to Clarence Waters, head of architectural engineering and construction science.



Tim Nightingale

"As a graduate of the construction science program, Tim has the value of hindsight," Waters said. "He, like many of our successful alumni, can reflect on his educational experiences at K-State and see their positive impact on his career and his life. As a department head, I want to make sure today's students will someday look back at their days at K-State with the same pride and sense of value that Tim obviously demonstrates through his generosity and support of our department.

"It's our belief that a college education is one of the most important assets one can possess in one's chosen field. It demonstrates the ability and the willingness to commit to a goal. We also understood the financial strains of getting an education."

Nightingale said he started the two scholarships because of "a sense of pride in the university, college and department I attended. The university involves a great deal of our lives to begin with and prepares us for our professional lives. It is also a way to maintain contact with the university."

Staying in contact is important to Nightingale as a professional. That is why he gives more than money.

"I serve on the construction science and management advisory council basically to help the industry," he said. "We realize we're not going to be here forever. So it helps the school fulfill its role to help students be more prepared to enter our business."

He also helps individual students prepare themselves by offering internships through the co-op program.

"Each specific degree offers countless job opportunities," he said, "but co-ops help students realize what the working environment will be, to give them an expertise. We try to move them around within our organization so they get a feel for all areas of construction—so they get a feel for what it will take in time, energy and effort to be successful in this industry. We wish that all construction science students could co-op because it's an invaluable experience."

These programs are also valuable to Water's department.

"Almost every semester we have someone co-oping with Conco," Waters said, "and Conco has hired a number of our graduates."

May 9 Nightingale was back on campus to offer his personal form of support by attending the Architectural Engineering and Construction Science Awards Banquet to personally award his scholarships. KSU

ASHRAE president presents three students with scholarships

By Mike Dorcey

Three Kansas State University engineering students who have received awards from the American Society of Heating, Refrigerating and Air-Conditioning Engineers were recently recognized.

James Hill, current president of ASHRAE, honored Michael Wallis, Julia Trowbridge and Jeanne DeGreef during the monthly KSU Engineering Experiment Station luncheon March 18 at K-State. Hill was guest speaker for the luncheon.

Wallis, a graduate student in mechanical engineering, received a grant-in-aid worth $7,500 from ASHRAE to support graduate research. Wallis is one of only 24 students nationwide to receive the award.

Trowbridge, a senior in architectural engineering, received one of four $3,000 scholarships given by ASHRAE to undergraduates.

DeGreef, graduate student in mechanical engineering, received ASHRAE's Homer Adams Award for 1997. The $1,500 award is given to only one student a year who is working on an ASHRAE-funded research project.

ASHRAE, founded in 1894, is an international organization with 50,000 members. Its purpose is to advance the arts and sciences of heating, ventilation, air conditioning and refrigeration through research, standards writing and continuing education for the public's benefit. KSU



James Hill, ASHRAE president, second from left, stands with honorees Michael Wallis, Julia Trowbridge and Jeanne DeGreef.

John E. Ley (EE '31) retired first from his own contracting business and then from his second career as the probate judge of Wichita County. He lives in Leoti, Kan.

Jack Hoefer (EE '48), Shawnee Mission, Kan., a contributor to the *Kansas State Engineer* while at KSU, has written a booklet of humorous ditties, entitled *Bags in the Hall Before Eight*, on the trials, most of them true, of being a vacationer for the benefit of the ALS Association.

John R. Cooper (EE '49), Wilmette, Ill., has been elected a fellow of the Institute of Electrical and Electronics Engineers. He has also retired from S&C Electric Company, Chicago, and is now a consulting, electro-forensic engineer.

Eugene M. Rassmusson (CE '50), Potomac, Md., a senior research scientist in the Department of Meteorology at the University of Maryland, was recently elected president of the American Meteorological Society. He has also been elected a fellow of the American Geophysical Union.

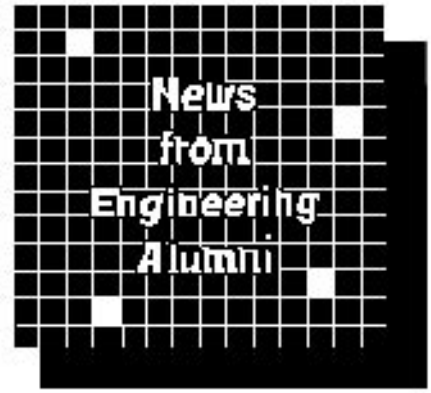
Loren E. Toevs (Me '56), East Peoria, Ill., retired from Caterpillar Inc. April 1, 1996, after working there for 42 years. He was a senior test engineer.

Charles D. (Chuck) Callahan (ME '58) recently retired after spending 36 years with Oklahoma Natural Gas Co. He and his wife, Andi, have moved to Placitas, N.M., and are enjoying the quiet of the foothills of the Sandia Mountains where she is pursuing her carreer as a potter and glass artist while he is staying busy serving as a master gardener and volunteer fire fighter for the Placitas Fire Brigade, something really new and different for him, he says. He has two sons, David, a computer programmer in Seattle, and Daniel, an engineering professor at Rice University, Houston.

Merle E. Converse (EE '58), Helotes, Texas, is now the assistant director of electronic systems development at Southwest Research Institute in San Antonio.

Glen J. O'Brien (IE '60) retired from 3M company Jan. 1, 1997, after 37 years. In his last position he was U.S. operations plant engineering manager. He plans to build a new home in Sun Lakes, Ariz., move there in February 1998, and then spend much of his time traveling.

Jack Bailie (ChE '64) retired from Exxon Co USA in August 1996 after more than 32 years of service, primarily in computer technology. He will be doing some part-time computer consulting



from his home in Houston, Texas.

John R. Ley (EE '69), left the law firm of Holland and Hart, Denver, where he was head of the intellectual property section, to establish his own firm, John R. Ley, in Englewood, Colo., which specializes in patent, trademark and copyright law.

Tom Roberts (NE '70, MSNE '72) was honored with the 1996 College Industry Partnership Best Moderator Award and the Continuing Professional Development Best Session Award at the Conference for Industry and Education Collaboration's 1997 awards breakfast in Tampa, Fla. Tom is an assistant dean of engineering at KSU.

Richard Kussman (CE '74, MSCE '75), Forest Hill, Md., has been promoted to the rank of colonel in the U.S. Army. He is currently director of risk management at the U.S. Army Chemical and Biological Defense Command.

Sid Hoobler (IE '75), Maple Hill, Kan., after several years in a variety of management positions for Hallmark Cards (Topeka plant), has returned to industrial engineering as senior plant engineer. He's looking forward to getting back to daily practice of the craft.

Charles L. Ponton Jr. (CE '75), Grapevine, Texas, has been upgraded to captain on the Boeing 727 at American Airlines. He is based as the Dallas/Fort Worth International.

Terry J. Zimmerman (ME '75) has recently accepted a new position in the Department of Energy as the maintenance manager at the Pantex Nuclear Weapons Plant, Amarillo, Texas.

Tracy E. Weaver (EE '77) has moved back to Kansas after a 15-year stint living in the southern U.S. Building upon his career in industrial control systems, he started Kansas Engineering Services Company in 1995. Located in Ottawa, Kan., the company provides electrical, instrumentation and control systems integration and networking services to manufacturing and process operations. He and his wife, Susan (Johns) (EDELE '73) have five children, ages 4 to 16 years. Their oldest son, Ben is entering KSU College of Engineering this fall. He says calls from former classmates are welcome.

Trudy Rempel (NE '79), Glen Ellyn, Ill., was hired by the engineering department at Siemens Medical Systems, Nuclear Medicine Group, in Hoffman Estates, Ill., following two years as a consultant for their research group.

Gary P. Rosewicz (CE '81) was recently named secretary of the Kansas County Highway Officials Association. He is the Marshall County engineer.

Kirk R. Barrett (ChE '82), Wakefield, Mass., says he is proud and relieved to have received his doctoral degree from Northwestern University in environmental engineering in December 1996.

John H. Bolte (CE '82), Joplin, Mo., and his wife, Janice, announce the birth of their first child, Ethan Kyle, on Jan. 29, 1997. John is project manager for Tri-State Engineering, consulting and land surveyors in Joplin.

Susan E. Cooper (NE '82) and her husband, Eric M. Klier, Laurel, Md., announce the birth of their first child, Elizabeth Eileen, March 23, 1997.

Jeffrey W. Harms (ME '82) and his wife, Kristen, Olathe, Kan., had their second child, Elizabeth Rose, Jan. 17, 1997. Her brother, Benjamin, is 5 years old. Jeffrey is vice president of engineering for Gill Studios Inc., Lenexa.

Jay J. Johnson (CS '82), La Palma, Calif., and Colrena Johnson Esq., his wife of 12 years, announce the birth of their first child, Jay Jonathan Jr., Jan. 5, 1997. He is a software engineer for ADP-GSI.

Tim J. Sobering (EE '82, MSEE '84), his wife **Jayne (Schmitz) (ChE '83)**, and their two children, Ian and Jacob, have returned to Manhattan after 12½ years in Albuquerque, N. M., where Tim worked for Sandia National Laboratories. Tim has accepted a position as director of KSU's newly formed Electronics Design Laboratory, which was created to support university research programs by providing expertise in the development of high-end electronics and computer-based data acquisition systems.

Carmen G. Gregg (EE '83, MSEE '85), Superior, Colo., is a manufacturing engineer with Colorado MedTech-Rela in Boulder.

Michael McLeod (EE '83) married Lisa Shrewsbury, an attorney, Sept. 25,

1993. They have two children: Andreanna, born April 16, 1995; and Alicia, born Jan. 31, 1997. Mike is a senior engineering specialist with Lockheed Martin Tactical Aircraft Systems in Fort Worth, Texas.

Tim Mulcahy (CE '83), Downington, Pa., and his wife, Christine, announce the birth of their first child, Cavan Davis, Jan. 26, 1996. Tim presently resides in the Philadelphia area and is managing director of Togar Property Co., which concentrates on the development and management of multifamily properties in the Northeast.

Lorrie (Blanchard) Tietze (NE '83, MSNE '85), West Chester, Ohio, and her husband, Kevin (DVM '87) announce the birth of identical twin boys, Brian and Kyle, Feb. 14, 1996. They join big sister Megan, who is 4.

Todd A. Bednar (CNS '84) has accepted a position as a project manager for Riley Contracting Group, Cary, N.C., which specializes in additions and renovations and upgrades.

Kip Hanzlicek (ARE '84) has become an owner of Purdy-McGuire Inc., Dallas, Texas. He has been president of the mechanical-electrical consulting engineering firm since 1994.

William R. Blackwood (ChE '85), Midland, Mich., received his professional engineer license for the state of Michigan in October 1996.

Mark Gabrielson (ME '85) and his wife, Maria, have moved back to Colorado, to Franktown, from California. They have a new baby sister, Rachelle Maria, for big brother David Alan and Mark has a new job as a mechanical engineer for Photronics Inc. in Colorado Springs.

Ken Wright (CNS '85), Colorado Springs, Colo., and his wife, Kim, welcomed their second child, Michael Dall, July 12, 1996. His brother, Austin, is 2.

Steve Clancy (ME '87) has accepted a position as the engineering manager of a design and manufacturing firm, the Smoot Co. of Kansas City, Kan. He and his wife, Elaine (Biggs) have two sons and live near DeSoto, Kan.

Paul Pfannenstiel (IE '87) and his wife, Julie Wasmund (ATMKT '87), live in Kansas City, Mo. They have two children, Cole and Zack. Paul works for Thermal Components Co., Shawnee Mission, Kan., as a BAS controls sales engineer.

Phil R. Rosewicz (CE '87, GEOL '87, MSCE '92), Linwood, Kan., is a unit chief with the Kansas Department of Health and Environment's Bureau of Waste Management. He received the National Young Government Engineer of the Year Award from the American Society of Civil Engineers at its national convention in Washington, D.C., early this winter.

John D. Bish (MSEE '88) has a new position, senior systems engineer, with Instrument Control Service Inc., in LaPorte, Texas.

David Todd (ME '88) has been transferred to Conoco's Malaysia Refining Company, a joint venture refinery with Malaysia's national petroleum company, Petronas, in the refining and marketing, Asia-Pacific unit, Melaka, Malaysia. He has been promoted to manager of planning and scheduling in the production services group of the refinery. David, his wife, Suzanne, and daughter Jessica (4) will relocate to Melaka in May.

Jeffrey Wells (ARE '88) Springfield, Mo., was recently named "1997 Young Engineer of the Year" by the Ozarks Chapter of the Missouri Society of Professional Engineers. He is the senior structural engineer and a partner at Pellham-Phillips-Hagerman Architects and Engineers in Springfield.

Becky R. Brown (IE '89), Shawnee, Kan., and her husband, Charles Miller, announce the birth of their son, Joshua Christopher, Dec. 30, 1996. Becky has completed her master's degree in engineering management at the University of Kansas and is working as a senior industrial engineer at the J.C. Penney Catalog Fulfillment Center, Lenexa.

John M. Simms (ME '89) and his wife, Ingrid (Tyree) (MKTG '88), Macon, Mo., announce the birth of their first child, Gabrielle Dorothy, Jan. 14, 1997. John is a project engineer with ConAgra Frozen Foods there.

Eric J. Gromko (ARE '90) has accepted a new position as project electrical engineer for Engineering Economics Inc. in Golden, Colo. He also passed the professional engineer exam in electrical engineering in October 1996.

Loren N. Rard (CMPEN '90) has moved to Dallas from Kansas City and is now employed with Citizens Communications (formerly Citizens Telecom) as a technical business project coordinator.

Matt Argo (ME '91), Tulsa, Okla., married Christy Guise Jan. 18, 1997. Matt is a project engineer III with Williams Natural Gas.

Jeremy H. English (CE '91), Kansas City, Mo., has accepted a new position

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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 ● Engineering Extension, Kansas State University, 133 Ward Hall, Manhattan, KS 66506-2508; by e-mail to ● mdorcey@oz.oznet.ksu.edu; by fax to ● 913-532-6952.

Alumni news—continued from page 11

as project manager with the Kansas City, Mo., water services department. He passed his professional engineer exam in January 1997 and his daughter, Eleanor Noelle, will turn 2 in July.

Kevin P. Dunn (EET '92), Overland Park, Kan., is working as a design engineer for B.F. Goodrich Aerospace, which designs and manufactures test equipment and simulators for aircraft avionics systems.

Dean Franke (CE '92) is working in the Bridge Division, Missouri Department of Transportation, where he is a senior structural designer. In that position, he designs bridges, retaining walls, culverts, and other structural items. In March 1997, he became registered has a professional engineer in Missouri.

Susan Carrera (NE '93) and **Mark Riemann (ME '92)**, Houston, Texas, were married Sept. 28, 1996. Mark is a design engineer for Mitsubishi Caterpillar Forklift of America and Susan is working on a master's degree in mathematics.

Michael J. Kortan (ME '93) and his wife, Anita, Milford, Kan., announce the birth of their second child, Danielle Nicole, Dec. 12, 1996, who joins two-year-old sister Mikayla. Michael works for Armour Swift Eckrich.

Doug Litavec (MSIE '93) has transferred from Fort Greely, Alaska, where he was the operations officer for the Cold Regions Test Center, to Fort Benning, Ga., where he is now the chief, Firepower Division, Directorate of Combat Developments, United States Army Infantry School, in charge of life-cycle management of all Army mortar and antiarmor systems.

Karla (Glaser) Ritter (ARE '94), St. Louis, married William R. Ritter March 1, 1997. William is an architect and Karla a mechanical engineer, both with the Benham Group. Karla is also working on her master's degree at Washington University.

Mustafa A. Sadeq (MSCE '96), McPherson, Kan., married Alfida Jan. 7, 1997. She just completed her master's degree in marketing. Mustafa is a project engineer for the McPherson County public works department.

Deaths

Rex I. Wells (CE '48) McLean, Va., died Feb. 9, 1997. He was chief, Environmental Programs Division, Department of Transportation, Washington, D.C., for 26 years. He retired in 1979. He is survived by his wife, Mildred; a son, Rex Jr.; and two granddaughters.

Keith L. Davis (ARE '87), Mechanicsburg, Pa., died from a brain tumor Nov. 25, 1996. He managed buildings operations and engineering for Pennsylvania Blue Shield. He is survived by his wife, Lisa; and two children, Rebecca and Andrew. KSU

Two students become Fulbright scholars

By Cheryl May

Two Kansas State University engineering students have won Fulbright scholarships for foreign study. In all, five KSU students received Fulbright scholarships.

The two engineering student winners are Neil A. Johnson and Michelle Munson.

Johnson, a senior in computer science, will study in Japan at Hiroshima University. He has studied the Japanese language for four years and has been a substitute instructor of KSU's Japanese I and III courses. He also took first place in the First Annual Midwest Japanese Language Speech Competition.

Munson plans to study in the United Kingdom. She is an August 1996 K-State graduate in electrical engineering and physics. She was a Barry M. Goldwater scholar, an honor student, a member of *USA Today*'s 1996 All-USA College Academic Second Team, and one of *Glamour* magazine's top 10 college women for 1995.

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