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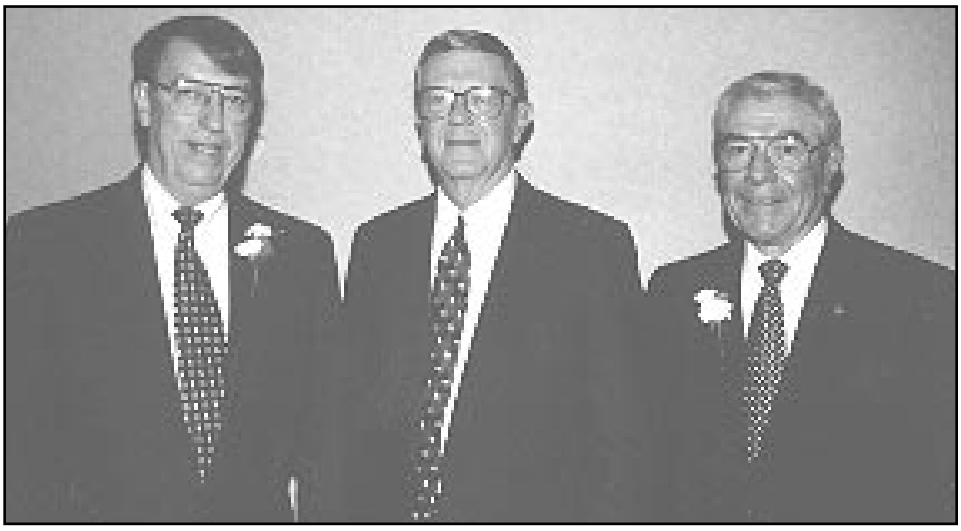
Hall of Fame adds two new members

Kansas State University College of Engineering Hall of Fame enrolled two new members as its class of 1996 during ceremonies following a dinner and reception at the Manhattan Country Club Oct. 18.

The college honored William I. Owen (EE '50) and Edward J. Mulcahy (CE '59).

Owen is the retired vice chairman of Utilicorp United and retired president and chief executive officer of Missouri Public Service.

He has served on the board of directors of the Research Mental Health Foundation, cochaired the Mayor's Advisory Council for Economic Development, is a past president of the Raytown (Mo.) Chamber of Commerce, served on the board of directors of Laurel Bank Shares, is a past director of the Missouri State Chamber of Commerce and of Associated Industries of Missouri, and is a past chairman of the Kansas City Section of the Institute of Electrical and Electronic Engineers. He has also been a regular supporter of the college for many years.



1996 College of Engineering Hall of Fame honorees, Edward J. Mulcahy, left, and William I. Owen, right, flank Dean Don Rathbone during the enrollment ceremonies.

Mulcahy is the chairman of the board of JBM Engineers and Planners of Kansas City, Mo., a division of TranSystems Corp. JBM is a multidisciplinary national transportation consulting firm specializing in civil engineering and environmental and planning services. A principal, director and cofounder, Mulcahy partici-

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Simons steps down from Experiment Station post to return to teaching

By Mike Dorcey

Gale G. Simons, associate dean for research and director of the Engineering Experiment Station (EES), will step down from these positions to return to a full-time faculty position. The effective date of the change will be sometime in December.

Simons has been director of the EES for the past eight years. During that time, the total number of research proposals has increased from 120 in 1987 to 220 in 1996. Just as significantly, their average dollar value has risen from $125,000 to $227,000. Total dollar value for proposals submitted in 1996 exceeded $50 million, compared to less than $15 million in 1989.



Gale G. Simons

The value of research contracts granted has increased from just over $5 million to nearly $21.5 million. Also during Simons' tenure, graduate student enrollment, which falls under the purview of EES, rose from 286 in the fall 1987 semester to 456 for the fall 1996 semester.

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Building name to honor Rathbone

By Cheryl May

The dean whose efforts resulted in Kansas State University's College of Engineering rising to national prominence will be recognized by having a building named in his honor.

Phase ll of the K-State Engineering Complex, which was built in 1983, will be renamed to honor Donald E. Rathbone. The Kansas Board of Regents unanimously approved K-State's request to

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Nine new professors join faculty for 1996-1997

KSU's College of Engineering welcomed nine new professors to its faculty for the 1996-1997 school years. They are listed below by department with their educational history and areas of research specialization.

Architectural engineering and construction science

Alison J. Pacheco, assistant professor
B.S., Kansas State University, 1991
Heating, ventilating and air conditioning systems design, acoustics.

Lisa A. Wipplinger, assistant professor
B.S., Kansas State University, 1987
M.S., University of Washington, 1992
Structures.

Chemical engineering

Shaoyi Jiang, assistant professor
B.S., Hua Qiao University, 1985
M.S., Nanjing Institute of Chemical Technology, 1988
Ph.D., Cornell University, 1993
Thermodynamics, molecular simulations, statistical mechanics and abinitio quantum chemistry with applications to nanotechnology, advanced materials, interfacial science, environmental engineering.

Computing and information sciences:

Michael R. A. Huth, assistant professor
Diplom Mathematiker, Technische Hochschule, Darmstadt, Germany, 1988
Ph.D., Tulane University, 1991
Semantics of concurrency: fairness, probabilistic performance modeling, probabilistic verification, model checking, exact real number computation; domain theory: linear types, measure theory, fuzzy approximations; philosophy of mind: history of science.

Mitchell L. Neilson, assistant professor
B.S., University of Nebraska, Kearney, 1982
M.S., Kansas State University, 1989
Ph.D., Kansas State University, 1992
Distributed systems, operating systems, computer networks.

Electrical and computer engineering

William B. Kuhn, assistant professor
B.S., Virginia Polytechnic Institute and State University, 1979
M.S., Georgia Institute of Technology, 1982
Ph.D., Virginia Polytechnic Institute and State University, 1996
Wireless communications, VLSI circuits, analog/digital circuit/system design, computer-aided engineering.

Industrial and manufacturing systems

Ioan D. Marinescu, associate professor
B.S., Polytechnic Institute of Bucharest, 1974
M.S., Polytechnic Institute of Bucharest, 1976
Ph.D., University of Galatzi, 1991
Manufacturing processes, product and process engineering, tribology, abrasive processes, ceramic materials manufacturing.

Mechanical engineering

Atul G. Kelkar, assistant professor
B.S., University of Poona, 1984
M.S., Old Dominion University, 1990
Ph.D., Old Dominion University, 1993
Multibody dynamics and control, nonlinear and robust control, control of aerospace systems, robotics, neural networks.

Sameer I. Madanshetty, associate professor
Ph.D., Yale University, 1988
Physical acoustics, multiphase fluid mechanics, acoustic microcaviation, active sound cancellation, engineering design for translating basic science research into novel products and processes.

MEP gets new chief

New leadership is at the helm of the Minority Engineering Program. Thirkelle Howard assumed the duties in March upon the departure of Karen M. Martin.

Howard came to the college from across campus where she had been the coordinator of the KSU Academic Assistance Program for Students of Color since January 1995.

Prior to coming to KSU, Howard was the coordinator for diversity training for the Kansas Department on Aging, an administrator for the Kansas Department of Social and Rehabilitation Services' (SRS) Department of Alcohol and Drug Abuse Services and a social worker for the SRS Department of Medical Services.

She earned her bachelor's degree in psychology at Wichita State University and her master's in political science at KSU. She also has a master's in public administration from the University of Kansas. She is currently a doctoral student in American studies at the University of Kansas.



The mission of the Minority Engineering Program is to recruit and retain students traditionally underrepresented in engineering.

Hall of Fame enrolls two new members

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pates in various types of transportation projects, including regional and urban transportation studies, route alignment feasibility studies, preliminary and final design plan preparation, and project management.

In addition to his KSU degree, Mulcahy holds a master's degree in civil engineering from Arizona State University. He is a past president of the Kansas City Chapter of the American Society of Civil Engineers; a past president of the Missouri Valley Section of the Institute of Transportation Engineers; and past treasurer, secretary and vice president of the Kansas City Chapter of the American Public Works Association. He is a member of the KSU President's Club and the Ahearn Fund. His family has established a civil engineering scholarship and two of his three children have earned degrees at KSU.

IBM appreciates value of KSU education

By Mike Dorcey

KSU has become a recruiting blue-chip for Big Blue.

Ray Florez, a program manager for college relations and recruiting at International Business Machines Corp. (IBM), revealed during a recent visit to Kansas State University, that his corporation has moved KSU into the top rank among the schools it will recruit at.

Florez explained that IBM assigns all engineering schools in the nation into three categories: key, partnerships, possible alternatives, which he also refers to as tier 1, tier 2 and tier 3 schools.

"There are a lot of things that favor being a tier 1 school," Florez said. "It gets a lot of recruiting attention and has more access to corporate funding."

Florez said IBM assigns a tier 1 school to one of its executives who is an alumnus of the school. "While I have access to some funds and can do some things for schools, those executives have much greater resources to draw from," he said.

Florez said one of the first benefits KSU will notice as a tier 1 school is a greater recruiting presence.

"IBM will be hire about 3,000 people nationwide this (school) year," he said. "I anticipate the number of our representatives at KSU will go up quickly now that it is a tier 1 school."

Florez said the five representatives who accompanied him to campus the week of Sept. 23-28 were each interviewing from six to 10 students and offering second interviews at corporate sites and even tendering some job offers.



A student confers with an IBM corporate recruiter during her two-day visit to campus in late September. IBM now visits the KSU campus regularly for a variety of recruiting activities.

Florez said he became aware of KSU when he was approached by two KSU engineering students at the regional Student Engineering Council meeting in Dallas in May.

"The two students pulled me aside to tell me how good they felt about KSU," he said. "I talked to some fellow IBMers who I knew were KSU graduates and found they felt the same way. Then I checked with some other sources who reinforced what I was hearing."

Florez said he found that in a private survey the College of Engineering at Kansas State University ranked high overall among the nearly 340 engineering schools in the country.

"I was very comfortable raising KSU to the level of a key school," he said.

Florez said he already foresees good things from the IBM-KSU association.

"The dean and the department heads have been very cooperative and interested in IBM being on campus," he said. "I think it's going to grow into a strong relationship very rapidly." KSU

Dean appointed to state board

Don Rathbone, dean of engineering, has been appointed to the Kansas Board of Technical Professions.

Gov. Bill Graves confirmed the four-year appointment in September.

According to Kansas statute, the State Board of Technical Professions was created to establish and maintain a high standard of integrity, skills and practice in the technical professions and to safeguard the life, health, property and welfare of the people.

In the letter of confirmation, Graves said, "Our state will face many challenges in the coming years, and your efforts will help advance our vision for Kansas." KSU

Hall of Fame member, Fred Benson, dies

By Mike Dorcey

Fred J. Benson, 82, a KSU graduate and recipient of many KSU honors, died Sept. 21 at Bryan, Texas.

Benson, a native of Grainfield, Kan., graduated from KSU with a degree in civil engineering in 1935. He was honored with the college's Distinguished Service Award in 1967, an honorary doctorate in 1980 and membership in the College of Engineering Hall of Fame in 1989. He also served on the College of Engineering Advisory Council for many years.

Benson went to Texas A&M as a graduate student in 1937 and stayed there until retiring in 1982, accumulating 43 years of service. During that time, he served as director of the Texas Transporation Institute, the Texas Engineering Experiment Station, the Texas Engineering Extension Service and the Texas A&M Research Foundation. He was dean of engineering from 1957 to 1980 and deputy chancellor for engineering his last two years.



Fred J. Benson

Benson's contributions to Texas A&M led one editor to state that "Fred J. Benson and engineering are synonymous at Texas A&M. His reputation as an administrator and teacher are unequaled."

He had served on a variety of public and private boards and committees at the local, regional, state and national levels. He was part owner of Engitech Inc. and was a retired Navy captain who had served in the Pacific theater with the Army Corps of Engineers during World War II.

He is suvived by his wife Marjorie, two sons, Fred C. of Kingsvile, Texas, and Clark of Bryan, Texas, one daughter, Joyce Lynn Watson of Colorado Springs, Colo., and five grandchildren. KSU

KSU civil engineers perfect pavement design mix for local road

When the new road is poured south along K-177 from Manhattan to Interstate 70, it will be a unique pavement mix designed in KSU's materials design labs.

The aggregate and asphalt base mixture meets new standards of the Federal Highway Administration's $150 million Strategic Highway Research Program. Each state's department of transportation received funding to come up with improved asphalt pavement formulations for its specific geographical and climatic conditions.

K-State civil engineers, at the request of the Kansas Department of Transportation, took up the challenge of formulating the new aggregate-plus-asphalt mix for the base layer of K-177.

The formulation is the result of work by Affan Habib, a KSU civil engineering graduate student, and his major professor Mustaque Hossain.

Taking a "mechanistic" design approach is new, Habib said. Structural characteristics of various types of aggregate materials and their proportions are assessed to specifically match regional environmental conditions. The national program's goal is to improve the performance of asphalt surfaces to help control rutting, low temperature cracking and fatigue cracking.

Since July, Habib has been testing materials combinations to adjust the mix for the K-177 road base, a critical 8-inch layer sandwiched between 8 inches of crushed limestone and a skid-resistant 1-inch surface layer.

"It's the load-bearing segment, so getting the proper mix is critical to the long-term performance of the highway," he said. To handle the expected traffic volume the new road surface on K-177 had to be 17 inches thick.

"It's been a very complicated process to test all the possible combinations of aggregates Schilling Construction wished to use in the base," he said.

Testing each possible formulation took about nine days in the K-State materials design labs.

That told the engineers how a particular formulation would stand up to a decade of Wildcat traffic.

During his sixth trial, Habib struck asphalt-aggregate "gold,"— a combination of a coarse and a fine aggregate, manufactured sand and river sand.

As a result of this applied research to develop the new asphalt-aggregate base mix, KDOT has approved its use for new state road construction. KSU

GM donates equipment to KSU lab

General Motors has donated two sophisticated pieces of grinding equipment to the Advanced Manufacturing Institute at KSU.

The equipment cost GM about $475,000 three or four years ago.

"I called K-State and said, 'Hey, can you use these?'" said Joseph Dobeck, a GM consultant who retired in January after 47 years as an engineer with the company. "I was glad to help."

And the institute is glad for the help.

"These are sophisticated machines," said Ioan Marinescu, associate professor and director of the Abrasive Micro-Managing Center at KSU. "My aim is to use these machines for ceramic rolls, the rolling element of a bearing."

The machines will be used by engineering students at KSU. "The donated machines will enable instructors to supplement engineering theory with practical application," Marinescu said. KSU

Phase II of Engineering Complex to be renamed for Dean Rathbone

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rename the building Donald E. Rathbone Hall upon his retirement.

Rathbone has been dean of engineering at K-State for 23 years — the longest tenure of any dean of engineering in the United States. He plans to retire in the first half of 1997.

"This is an appropriate honor for the person who has not only provided tireless and excellent leadership to the College of Engineering but has been one of the superb leaders in the history of Kansas State University," said KSU President Jon Wefald.

"K-State's College of Engineering is ranked among the very best in the nation," Wefald said, "and Dean Don Rathbone's superb leadership over 23 years is the primary reason for that kind of recognition."

Known throughout the country as a leader in engineering education, Rathbone also has a reputation as a tireless fund-raiser for K-State. A recent five-year fund-raising campaign — K-State's Essential Edge campaign — resulted in donations of more than $33 million for K-State engineering education.



Dean Don Rathbone

"Recognition of Don Rathbone's career as dean of the College of Engineering at Kansas State University is fittingly marked by the naming of this building," said Provost James Coffman. "It recognizes 23 years of leadership in his role as dean at KSU, in his profession at the national level, and in this community. One of the most notable things about Don is that after 23 years in this very hard-driving job, he still has the same fire in the belly he started out with. We owe him much."

Under Rathbone's leadership the undergraduate enrollment in engineering increased from 949 to 2,650 and the graduate enrollment from 150 to 500.

The college has evolved from basically an excellent undergraduate program with research expenditures of less than $500,000 to one with excellent undergraduate programs and a strong graduate program with research expenditures of more than $20 million, Coffman said.

In the Manhattan community, Rathbone has served on the boards of the Manhattan Chamber of Commerce, Mid-America Commercialization Center, Manhattan Economic Development Committee and several civic clubs. The Manhattan Rotary Club honored him as Rotarian-of-the-Year in 1988.

He is a fellow of the American Society for Engineering Education. He has held a number of positions with the Kansas Engineering Society, which selected him its "Engineer of the Year" in 1993. He was recently appointed to the Kansas State Board of Technical Professions.

He also has provided aggressive leadership to broaden the representation of students and faculty of color in the College of Engineering and at K-State, and received a special life achievement award for service to minority students at K-State. KSU

KSU places nationally in robotics

By Bree Bisnette

Two teams of KSU engineering students from the department of computing and information sciences placed second and third in a national competition for their "office work." However, their office duties included more than the stereotypical tasks such as filing and typing.

Three teams of students who had taken Software Engineering Projects Class I and II attended the Fifth Annual American Association for Artificial Intelligence Robot Competition and Exhibition Aug. 3-8 in Portland, Ore.

Each team programmed a Nomad robot to perform tasks in a simulated office environment.

In the competition, the robot used sonar sensors and on-board cameras to navigate through rooms, locate an empty conference room and schedule a meeting. It was then required to announce the meeting to all office personnel, and the meeting had to be scheduled for one minute after the last person was notified.

"The robot was judged on its ability to find its way around offices, determine if rooms were occupied and avoid walls and moving objects," said David Gustafson, the teams' adviser and a professor in the department of computing and information sciences. "There was also a bonus for the fastest time."

Developing the prize-winning codes for the conference required extensive foresight, said Mike Novak of Lucas, a graduate student in software engineering, who paired with Darrel Fossett of Wellsville, a senior in computer science and biochemistry, to form the second place team.

"Some things were hard to simulate here because we lacked the same size test arena that was to be at the conference," Novak said. "However, the program was designed to try and handle as many situations as we could foresee. It was very robust."

In developing the programs, the students were able to use skills they had learned in class for a practical application, said senior John Pruner, a computer science and history major from Lebanon, Va., who joined Tom Peterson of Manhattan, and Jon Newton of Parsons, both seniors in computer science, to make up the third place team.

"When we write software in class it works on a computer, which is a near perfect environment," Pnuner said. "When you deal with a robot that has to look at things, stop, start, twist and move around, it's very different. We got a lot of experience in designing and implementing this large project."

The codes they created allowed them to place higher than many universities credited with good robotics programs, such as the Massachusetts Institute of Technology, the Colorado School of Mines and Carnegie-Mellon University in Pennsylvania, Gustafson said. KSU

Simons to leave Experiment Station

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In citing these accomplishments, Simons acknowledged the contributions of the college's faculty — "They're the ones who make it happen" — and his staff — "This is an outstanding staff to work with."

Simons said relinquishing his Experiment Station post is really a matter of preference.

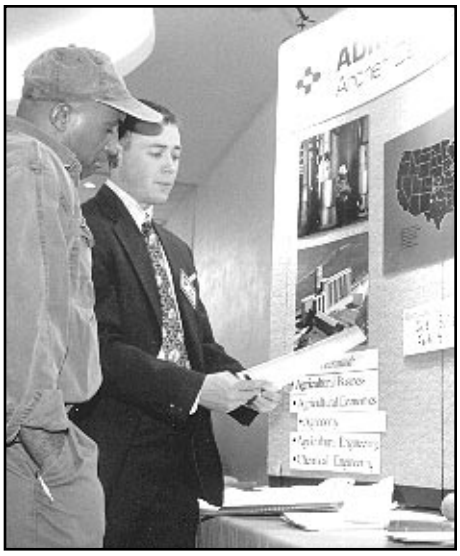
"I'm looking forward to returning to the academic program," he said, "because I've always enjoyed working with students, both graduate and undergraduate."

Simons also recognized the support of his boss. "Dean Rathbone has been a fantastic supporter of research in the college," he said. "It's been a pleasure to have worked for him."

Simons has taught at least one course and supervised graduate students, as well as been the principal investigator of his own funded research projects, almost every year during his tenure at the Experiment Station.

"This move will allow me to focus a lot more on teaching and research," he said. "But this (Experiment Station position) has been an excellent opportunity, because it gave me a chance to learn more about the scope and diversity of the work the individual faculty are doing instead of seeing only a focused view."

Richard B. Hayter, currently associate dean of extension and outreach and director of Engineering Extension, will add Simons' Engineering Experiment Station responsibilities to his current duties until a new dean, expected to be selected by January 1997, selects a replacement.



Career Fair

More than 3,000 students visited the 200 booths presented by 190 companies during the All-University Career Fair Sept. 17 in the K-State Union. Three hundred engineering students, faculty and corporated representatives gathered for the Industry Recognition Banquet the evening before.

Nuclear merges with Mechanical

Beginning with the fall 1996 semester, the college of engineering no longer has a department of nuclear engineering.

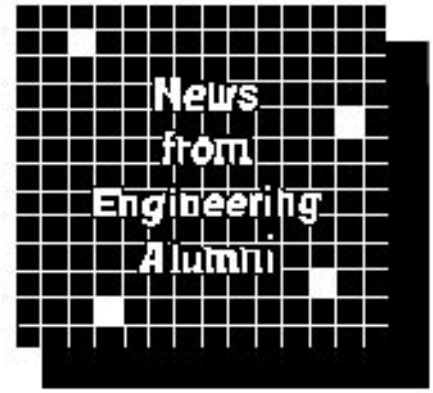
"We are dropping the degree in nuclear engineering and making it an option in mechanical engineering," said Dean Don Rathbone.

"We will not be accepting any more students into the degree program in nuclear engineering," he said, "and we have formally combined the departments."

Rathbone said the students in the pipeline working on nuclear engineering degrees will continue in the program until they finish, which will be at least two and maybe three years.

Though the college recommended the merger of the two departments and has taken steps to implement it, the change will not become official until approved by the Kansas Board of Regents.

Though the college will offer nuclear engineering only as an option to a bachelor's degree in mechanical engineering in the future, it will retain the master's degree in nuclear engineering.



Joseph C. Fickel (ME '32), Belleville, Wash., says he would like to see more news from members of the classes of '31 and '32.

James B. Lambert (ME '48) settled in Connecticut after graduating from KSU. In 1959 he cofounded Electronic Controls Inc., which was later renamed T-Bar. After the company was sold in 1986, he retired in 1987 and is enjoying his three great-grandchildren, a little travel and golf.

Robert B. Thorn (CE '50), Topeka, Kan., has been recognized for his 40 years as contact member to the award-winning ASCE student chapter at KSU. He is the managing partner of Finney & Turnipseed Consulting Engineers in transportation and civil engineering, Topeka.

Dexter L. Jones (CE '56), Hilton Head Island, S.C., retired as director of marketing for the Hezner Corp., Highland Park, Ill., in March. He moved to Hilton Head Island in June.

Richard A. Barrett (CE '58), Glendora, Calif., recently retired as principal engineer after 20 years with the Automobile Club of Southern California (AAA). Prior to that, he spent 18 years with the California Department of Transportation. He says he and his wife Barbara are going to travel, visit some college classmates and enjoy the family.

Frank E. Green (CE '58), Kansas City, Mo., retired in March after 38 years with the Missouri Highway and Transportation Department. He was a district highway design engineer with the design division in the Kansas City District.

Francis Grillot Jr. (ChE '58), Genoa, Ill., has been promoted to vice president for international marketing at A.O. Smith Harvestor Products Inc. and A.O. Smith Peabody TecTank.

Dick Corbin (ChE '59), Houston, Texas, retired July 31 after 37 years of service to Exxon Corp. He says he plans to stay in Houston and continue enjoying the good life.

Jay S. Huebner (EE '61), Jacksonville, Fla., has published a textbook, *Basic Astronomy Labs*, with Prentice-Hall. Jay is a professor of natural sciences at the University of North Florida.

Lynn R. Shuyler (AgE '61), Frisco, Texas, retired Sept. 30, 1995, from working with EPA on the Chesapeake Bay Program in Annapolis, Md., for the past 10 years, ending a 30-year career with the U.S. government. He and his wife Jean (Ed '60) moved to Frisco, Texas, near their daughter, Lesa Adair and her family. Lynn, only semiretired, is working as a senior project engineer for VERITECH Environmental Services in Dallas. When he finds the time, he continues his woodcarving skills to create waterfowl and Victorian rocking horses.

Donald R. Dicken (ME '65), Greensburg, Pa., has been named president of American Video Glass Co., Mt. Pleasant, Pa., a new joint venture between Sony and Corning Asahi.

John E. Dobson (NE '65), El Prado, N.M., announces the opening of Dobson House, an uncommon bed and breakfast, just north of Taos on the Rio Grande gorge. John and his wife Joan (Engl '63) built the 6,500 square feet solar adobe with recycled materials — 2,000 tires and 20,000 cans.

Robert Prince (EE '77) is now part owner of Systems Plus Inc., a consulting company specializing in network systems and MIS implementations in Sioux City, Iowa, where he lives with his wife Dona and two children, Amanda, 15, and Tim, 9.

Randall Sylvester (CE '77) continues his service to KSU as vice-chair of the CE Faculty Advisory Council. He was promoted in June to business improvement leader of the Mid-Continent Business Unit, Conoco Inc., Ponca City, Okla.

Stephen D. Webb (CE, '78) recently accepted the position of associate vice president with the firm of Johnson, Brickell and Mulcahy. He is the manager of the southwest Kansas operations, managing offices in Liberal, Garden City and Dodge City. He lives in Liberal with his wife Jean Felder Webb (CE '79) and their three children, Adrian, 14, Elizabeth, 13, and Travis, 11.

Steve Bennet (CNSM '81) recently assumed the position of president of BCI Construction in Olathe, Kan.

Brad J. Miller (ARE '83) and his wife Patricia (McVey) (ECE '82, M.S. FCDev '83), Randolph, Vt., announce the birth of their third daughter, Alyssa Janette, July 30. She joins Katherine, 6, and Jennifer, 4. Brad received his MA from Norwich University and has been a professor in the architectural and building engineering technology department of Vermont Technical College since 1989.

Mark Gabrielson (ME '85) recently moved his family back to Colorado from California. They now make their home in Franktown. He also announces the birth of a daughter Rachelle Maria on Aug. 28. She joins big brother David Alan.

Ronda (Bergren) Newstrom (ARE '85) and **Doug Newstrom (IE '85)** welcomed twins Alec and Sarah June 28, who join 3-year-old brother Jacob. Ronda quit her job with George Butler Associates to stay at home. Doug took a new job with Kansas City Southern Railway in August 1995.

Lisa M. (Yankovich) Eckert (IE '86) has been promoted to an operations manager at Procter and Gamble, whom she has been with for 10 years. She recently moved to Cincinnati, to P&G's headquarters.

Todd A. Schemm (IE '86) and his wife **Janice (Blankenship) (IE '86)**, Phoenix, announce the birth of their twin sons, Jeffrey Aaron and Jordan Matthew July 18. They were welcomed home by their brother Christopher. Todd is director of fraud operations for American Express.

Russell Seybert (ChE '86, MS '90) is the senior environmental engineer at Chatman & Associates consulting firm in Lawrence, Kan., and his family has recently moved there.

Jeff Streets (ChE '86), Cypress, Texas, established a new law firm in May as Patterson & Streets, L.L.P. The firm specializes in patent, trademark, copyright, trade secret and unfair competition law. Jeff is also spending time with his two sons, Colin, 2½ and Adam, 7 months.

Lisa (Sherwood) Coyan (ARE '88) and her husband Kris announce the birth of their son, Robert Earl, on Aug. 8. He joins big brother Nickolas, who is 3.

Jamie Jo (Aylward) Orth (EE '89) is currently a lead manufacturing engineer with Cessna Aircraft in Wichita, Kan. She lives with her husband Ted in Andale. They have two daughters, Emma, 3, and Olivia, 16 months.

Peter B. Crooks (EE '90), Wichita, Kan., earned his professional engineer license in April. His is a consulting engi-

neer with Morrow Engineering Inc. His wife Julie (Blanchard) (HRM '91) is a food and tobacco health inspector with the Wichita/Sedgwick County Department of Community Health.

Evan Graham (ME '90) and his wife Kristine announce the birth of their first child, Margaret Ellen, June 18. Evan continues to work for Ford Motor Co. in Dearborn, Mich.

Michael L. Meseke (ET '90) and his wife Kristina announce the birth of their first child, Wyatt Michael, Aug. 16. They make their home in Clarinda, Iowa, where Michael is engineering team leader for NSK Corp.

Mark Reams (IE '90), Marysville, Ohio, and his wife Leslie have a new baby boy, Quentin Scott, born Dec. 12, 1995. Quentin joins his older brother Chet Aaron, who is 4. Mark is employed by Honda of America.

Kristin Siebs (IE '90), DeWitt, Iowa, married Dennis Campbell on Feb. 3, 1996. She recently accepted a position with John Deere Harvester, working with the paint and material flow team in East Moline, Ill.

Jon J. Anderson (EE '91) and his wife Virginia (EdSec '91), Lafayette, Colo., announce the birth of their second son, Joshua Jacob, Dec. 19, 1995. Jon has recently moved to Boulder to work for QUALCOM as a communications engineer.

Neal Flickinger (ME '91), Hoisington, Kan., has accepted a position as process engineer for Essex Group Inc. Essex' Hoisington plant manufactures telecommunications wire.

Curt Hillier (EE '91) and his wife Angie (Humphrey) (JMC '92) recently moved to Austin, Texas. Curt is working as a senior engineer for Progressive System Technologies, which manufactures robotic equipment for the semiconductor and flat panel display fabrication industry.

Lydia Chang Huber (IE '91), Olathe, Kan., married Robert Huber July 2, 1994. She is a manager for Health Net, located in Kansas City, Mo.

Marc Machin (EE '91), Corona, Calif., is now a consultant for QuickStart Technologies Inc., Newport Beach, specializing in Microsoft Windows NT and the BackOffice suite of applications.

Yuejian Pan (IE '91) and his wife Sophie Shi welcomed their first baby, a boy, David, Sept. 5. They make their home in St. Charles, Mo.

Michael Raile (ChE '91) and his wife Donna (EdElm '91) announce the birth of their son Maverick Lyn on July 5. Mike is an associate environmental engineer with Midwest Research Institute in Kansas City, Mo.

Scott Hammers (IE '92), Boulder, Colo., has accepted a position with Woodward-Clyde of Denver. He will be a database programmer in the applied technical computers systems group.

Steven E. Hilger (ME '92) and his wife Sherry (EdElm, ECE '92) announce the birth of their first child, a daughter, Kathryn Grace, on June 17. Steve is a mechanical engineer in the power division at Black & Veatch.

David W. Heston (CE '93) is employed by Freese & Nichols Inc. as an infrastructure design engineer in Austin, Texas.

Robert (ME '93) and **Paula (Maxey) (IE '92, MS '94) Hinnen**, Kansas City, Mo., announce the birth of their first child, a boy, Tyler James, July 9.

Charles M. Smith (ChE '95), Wylie, Texas, is working for Texas Instruments in McKinney as a process engineer.

Mustafa A. Sadeq (CE '96) started working for the McPherson (Kan.) County Public Works Department as a project engineer in June.

Deaths

Gordon C. Nonken (EE '30) died June 14. He is survived by his wife Madeline who makes her home in Lenox, Mass.

Harold F. Leckron (CE '42), Abilene, Kan., died April 23 at the age of 76. He was an excavation contractor for 25 years, working in recent years for the watershed program in Dickinson County. He is survived by his wife Avis, two daughters, Bonnie Byers and Margaret Miller, and four grandchildren.

Merle Marchbanks (EE '50), Tulsa, Okla., has died. Date and other information are unavailable.

Charles R. Spence (CE '52), Myrtle Beach, S.C., has died. Date and other information are unavailable.

R. Max Mechsner (ME '59), Memphis, Tenn., died Jan. 25. He is survived by his wife Varena (Blattner) (HED '59).

George W. Webb (EE '61), San Marcos, Calif., died "with a smile on his face under the morning glories" Aug. 20. He had retired from Lockheed in 1990 but was working as a design engineer for Amron International, Escondido, at the time of his death. KSU

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.

NSPE honors one KSU grad, elects another

By Mike Dorcey

At their annual meeting in Boston in July, members of the National Society of Professional Engineers (NSPE) honored Thomas A. Carlisle with a distinguished service award and elected Garry D. Chegwidden to a vice presidency.

Carlisle (ChE '73), Bartlesville, Okla., received NSPE's Distinguished Service Award in recognition of "outstanding contributions to the engineering profession and NSPE," according to the organization.

He is director of new technology in the engineering technology division of corporate engineering at Phillips Petroleum Company in Bartlesville, Okla. He has held assignments before in Phillips corporate engineering and corporate technology and served as operations superintendent for Provesta Corp., a Phillips subsidiary. Prior to joining Phillips in 1980, he worked for E.I. duPont de Nemours and Co. as an engineer with the chemicals, dyes and pigments department in Memphis, Tenn.

Carlisle has been an active member of NSPE and the Oklahoma Society of Professional Engineers since (OSPE) 1983. He has served on more than 20 committees in NSPE, OSPE and the Bartlesville chapter of OSPE.

He has been especially active at the local, state and national levels with MATHCOUNTS, a national math coaching and competition program sponsored by NSPE for seventh and eighth grade students. He serves on the MATHCOUNTS Foundation board of directors and is the founding editor of MATHCOUNTS volunteers' newsletter, *Solutions*.

Chegwidden (CE '60), St. Joseph, Mo., was elected to position of vice president, professional engineers in government.

He was recently promoted to district engineer in the northwest district of Missouri. KSU

Alice Fiedler publishes book of poetry

Alice D. Fiedler, longtime benefactor of the KSU College of Engineering, has published a book of poetry, *The Collected Poems of Alice D. Fiedler*.

The 78-page book contains 62 poems by Fiedler plus six pages of "Thoughts for a Rainy Day," a collection of short poems and prose by Fiedler and other authors.

Twenty-eight illustrations by Diane Dollar, a KSU assistant professor of art and spouse of former engineering assistant dean John Dollar, grace the text.

First recognized for her poetry while a student at the University of Kansas, Fiedler has been writing poetry throughout her life and has had poems published in several anthologies.

Her late husband George was a 1926 graduate of KSU in electrical engineering and was a charter member in the KSU College of Engineering Hall of Fame. Since his death, she has continued to be a major contributor to the college.

To order a copy of Fiedler's book, send a check for $15 payable to KSU Foundation to Fiedler Book, Dean of Engineering, Kansas State University, 146 Durland Hall, Manhattan, KS 66506. KSU

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