Distinguished Service Awards to Eby, Taylor

Two Kansas State College of Engineering alumni were honored with Distinguished Service Awards during commencement exercises May 13—Charles K. Eby and T. G. (Tim) Taylor.

Eby, executive vice-president of Martin K. Eby Construction Co. Inc., Wichita, graduated from K-State in 1967 with a bachelor's degree in civil engineering. He is responsible for corporate estimating, quality assurance, and methods research. He also serves on the board of directors for Eby Corporations, the holding company of which Eby Construction is the principal operating subsidiary.

He has been project manager on several large projects, served as senior vice president for Texas and Florida divisions, and served as vice president/manager of the Heavy/Industrial Division.

Eby is a registered professional engineer in both Kansas and Florida, and holds contractor licenses in Florida, Georgia, North Carolina, South Carolina, Colorado, California, and Oregon.

Taylor, a 1975 K-State graduate in chemical engineering, is president of Phillips Pipe Line Company, a subsidiary of Phillips Petroleum Company, and is responsible for managing a pipeline network of more than 7,000 miles of crude oil and petroleum product pipelines.

He began his career after graduation with Texas Eastern Company, joining Phillips in 1980. There he served as president of the Phillips Plastics Recycling Company from 1990-92 overseeing the design, startup, and operations of Phillips' first plastics recycling venture. Prior to his appointment as president of Phillips Pipe Line Company, he served as K-Resin marketing manager in Houston.

Taylor serves on the board of directors of Explorer Pipeline Company and Colonial Pipeline Company. He also serves on the American Petroleum Institute General Committee of Pipelines and the Association of Oil Pipe Lines Executive Committee.

Donaldson named alumni fellow

The KSU College of Engineering named Richard L. Donaldson, senior vice president, corporate staff and general counsel with Texas Instruments Inc., its 1995 Alumni Fellow.

He earned a B.S. in electrical engineering from KSU in 1966, a juris doctorate from St. Louis Univ. in 1969, and a master of law degree in trade regulation from George Washington Univ. in 1973.

Donaldson has been with TI for 25 years and has worldwide responsibility for protecting intellectual property, including patent, technology and licensing, patent acquisition, and copyright and trademark protection. He assisted with such projects as obtaining the patent in Japan covering the integrated circuit; worldwide licensing of the basic TI patent covering the hand-held or "pocket" calculator; and establishing a worldwide licensing program for TI patents covering the personal computer.

While employed at McDonnell Douglas in St. Louis as an electrical engineer from 1966-69, Donaldson worked with the onboard computer of the Gemini spacecraft.

U.S. Secretary of Commerce Barbara Franklin appointed him chairman of the American delegation for determining intellectual property guidelines to govern international collaborative research and development in intelligent manufacturing systems. That program is now being implemented by the U.S., Japan, Europe, Canada, and Australia.

Snell wins Hollis teaching award

The College of Engineering recognized Robert R. Snell with the James Hollis Award for Excellence in Undergraduate Teaching during commencement ceremonies May 13.

A professor of civil engineering, Snell has taught primarily in the areas of engineering mechanics, structural

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Three faculty members of the college of engineering have announced their retirements.

Michael S. P. Lucas came to KSU as a professor of electrical engineering in 1968 from England and Scotland where he had been a researcher and lecturer following completion of his Ph.D. at Duke Univ. in 1965.

He was responsible for developing the solid state and integrated circuits engineering courses and laboratories in the electrical engineering department. Later he developed laboratory courses in the area of electronics instrumentation. His most recent research was in the area of computer-based instrumentation, the use of statistical methods to extract measurement signals buried in noise, and applications of high temperature superconductors in electronics and instrumentation.

Awarded a senior research fellowship by the New Zealand National Research Council, he spent 1974-75 helping establish that country’s hybrid microelectronic industry.

Lucas was the recipient of many academic and research awards including the Hollis Outstanding Teaching Award, the Eta Kappa Nu Electrical Engineering Teaching Award, the Hallburton Faculty Development Award and the Paslay Outstanding Teaching and Research Award.

Fredric C. Appl has served the mechanical engineering department for 36 years. He received his Ph.D. from Carnegie Mellon Univ. in 1958 and worked for the Jersey Production Research Company prior to joining the KSU faculty in 1960.

He is a member of 11 professional and honorary organizations. While on faculty here, leaves and extended research visits have taken him to Germany, South Africa, England, France, and Sweden, in addition to serving two years as manager of basic research for the Christensen Diamond Products Co.

Appl has been an active researcher throughout his career and is internationally renowned for his pioneering research in the mechanics of rock cutting. His work led to major improvements in the technology associated with oil and gas drilling.

He played a leadership role for the senior design course development in the department of mechanical engineering, was recognized for his teaching at the undergraduate and graduate levels in machine design and vibrations, and served as major advisor to 42 graduate students.

Maarten van Swaay joined the faculty of KSU in 1963 as a member of the chemistry department. He had been educated at Leyden Univ. and held a Ph.D. from Princeton. He developed courses in instrumentation and in the application of laboratory computers and began teaching in the department of electrical engineering.

As computing became his major interest, he moved in 1980 to the department of computer science where he elevated course content from technical detail to strategic planning. He also began developing a strong position in the area of computer ethics, which earned him national and international recognition.

Courses he developed in that field were recognized for their quality by a computer science accrediting team. In the past year he spoke at the prestigious Computers, Freedom and Privacy Conference in Chicago, and at the International Internet Conference in Prague.

He played an active leadership role in the American Association of University Professors.

Rathbone named fellow of American Society of Engineering Education

Donald E. Rathbone, dean of the College of Engineering, Kansas State University, has been selected as a fellow of the American Society of Engineering Education (ASEE). The society conferred this new membership grade on him at its annual awards banquet June 26 in Anaheim, Calif.

According to Frank L. Hubard, executive director of ASEE, the organization awards the membership grade of fellow to individuals “with extraordinary qualifications and experience in engineering education who have made particularly important contributions to the field.”

ASEE’s bylaws state that promotion to the grade of fellow is an honor which individuals cannot seek; they must be nominated by another member. No more than one-tenth of one percent of the ASEE membership can be named fellows per year.

Rathbone was a member of ASEE’s National Engineering Deans’ Executive Council from 1980 to 1984, serves on its public policy committee and has been executive council’s representative to the Department of Energy since 1992.

Rathbone has been dean of the College of Engineering since coming to KSU in 1973. Prior to that, he taught at the University of Pittsburgh, Northwestern University and the University of Idaho.

He received his bachelor’s degree from Purdue University, his master’s from Northwestern University and his doctorate from the University of Pittsburgh. Rathbone is listed in Who’s Who in Engineering, Who’s Who in America and Who’s Who in the World.

The ASEE was founded in 1893 to advance issues relating to engineering education across all engineering fields. It has about 11,000 individual and 330 institutional members.
College forms partnership with Deere & Co.

The College of Engineering and Deere & Company made history Feb. 7 when they formed an engineering partnership.

To make the formal announcement of the relationship, representatives from Deere's Des Moines works came to Manhattan. During their visit, the group received a history of the engineering program, a tour of the college's facilities and were hosted to lunch by the engineering faculty.

The impact of the partnership is significant to both parties. To KSU Engineering, this program means a closer working relationship with the end user of its product—the engineering student. It also provides the college with grant money from the Deere Foundation for lab equipment, research projects and other needs. Deere also offers scholarships to engineering students and helps select recipients.

To Deere it means a closer working relationship with the school that can provide Deere with an advantage in identifying and recruiting top engineers for its co-op and summer training programs. It also gives Deere an opportunity to participate in developing course content that compliments its systems and technologies.

Representatives of K-State, the College of Engineering and Deere & Company gather to commemorate the initiation of the partnership between the college and the company in February.

White among 12 nationwide selected to participate in WISE program this year

Kansas State University engineering student Keith E. White is among 12 students selected nationwide to participate in the Washington Internships for Students of Engineering program this summer.

White, senior in industrial engineering, will spend 10 weeks in Washington, D.C., learning how engineers contribute to public policy decisions on complex technological matters. He will be sponsored by and work with the Society of Automotive Engineers.

Along with attending meetings and discussions with government officials and other policy-makers, the interns are expected to complete papers that analyze specific engineering-public policy issues of concern to their sponsoring societies.

Kenneth Gowdy, associate dean of engineering, said K-State's College of Engineering has had at least one student chosen every year for the last 11 years and ranks first in the country for the number of interns selected for WISE during that period. The program had 153 applicants this year—one of the largest applicant pools ever.

The WISE interns will be under the guidance of a nationally prominent engineering professor and receive three credit hours. A stipend of $2,800 is provided, along with travel allowance.

The WISE program is listed in the Princeton Review directory of "America's Top 100 Internships," a book based on interviews with former WISE students, sponsoring societies and deans.

Phillips Petroleum presents check

Yar Ebadi, acting dean of the College of Business, and Don Rathbone and Karen Martin of the College of Engineering receive a check for the university from Timothy G. Taylor, president of Phillips Pipe Line Co. for $33,000. The College of Engineering received $23,500 for various departmental and minority programs.
19th annual ArchE/Construction Science Awards Banquet draws more than 120

On May 3, the Department of Architectural Engineering and Construction Science held its 19th annual awards banquet to honor outstanding students of the department.

The banquet included recognition of scholarship recipients and scholarship donors for the first time, as well as outstanding student awards and the honor society's industry award.

"We have so many great students and we are developing such a strong scholarship program we wanted to take the opportunity to recognize this effort," said Clarence Waters, department head, ARCH/CNS. "The awards banquet was the ideal event for showcasing our students and thanking our supporters."

More than 120 students, faculty, alumni and friends filled the Flint Hills Room to participate in the awarding of over $90,000 in scholarships to 35 ArchE/CNS students. Many of the scholarship donors were present and shared in the satisfaction of personally awarding and congratulating these outstanding students.

"It is gratifying to see the motivation and enthusiasm of the next generation of architectural engineers and constructors," said Carl Coonrod, one of the department's primary scholarship donors. "This outstanding industry support of their education has a big impact on their future careers."

In addition to supporting the department and the College of Engineering, Coonrod is a renowned and recognized construction industry leader. The Pi Chapter of Sigma Lambda Chi Construction Honor Society recognized Coonrod's contributions to industry and education by installing him as an honorary member. This honor society in construction science and management recognizes outstanding undergraduate academic achievement and individual service to the construction industry and education.

"It is an honor to be inducted as an honorary member of Sigma Lambda Chi," Coonrod said. "The academic abilities and leadership skills demonstrated by the members of this organization are essential to the future of the construction industry."

Stuart Johnson, president of Wildcat Concrete Services, left, and Diane Sherwood, vice president of Sherwood Construction, whose company sponsors scholarships, flank scholarship recipients Brian Welborn, Shelly Kimble and Tim Goetz.

Black and Veatch alums spearhead leadership effort at KSU

As Black & Veatch has taken a lead role in global engineering endeavors, its K-Staters have taken a leading role in the College of Engineering's efforts to provide leadership and communication skills to the next generation of K-State engineers.

That was the theme as more than 120 alums gathered for the Black & Veatch K-State breakfast in the Black & Veatch Power Building July 11.

They heard from P.J. Adam, chairman and CEO of Black & Veatch; Virgil Snell, executive partner, Black & Veatch, ArchE '54; Jon Wefald, president of KSU; and Don Rathbone, dean of KSU engineering, on the importance of philanthropy, commitment, and leadership.

The fall issue of Impact will highlight the many contributions of K-Staters to the college and its mission, including the K-Staters involved in the Black & Veatch Leadership Institute in the College of Engineering at KSU.

P.J. Adam, CEO of Black and Veatch, Jon Wefald, president of KSU, Don Rathbone, dean of KSU engineering, and Virgil Snell, executive partner at Black and Veatch, gather for a moment during the breakfast July 11.
KSU grad employees of AlliedSignal's Kansas City Division establish scholarship

In keeping with K-Staters' tradition of supporting their alma mater, the KSU employees of AlliedSignal-Kansas City Division have established a scholarship in the College of Engineering. AlliedSignal KCD employees held a successful alumni event during which they established the Allied-Signal Engineering Scholarship Fund.

Don Rathbun ('61), who is active in the KC Catbackers and other alumni groups, explained that he knew the potential and desire to share K-State ties and give back to the college was a common sentiment among Allied-Signal's KSU alums. "We started out thinking about the social aspects of getting together and soon realized we had the potential to do more for the university," Rathbun said.

To that end, AlliedSignal KCD employees established the Allied-Signal Engineering Scholarship Fund with the KSU Foundation. The fund will benefit engineering students who have demonstrated academic excellence, with a preference given to the children of Allied-Signal employees.

"We felt that individually we couldn't have the impact that our collective contributions can make in providing scholarship assistance for the next generation of K-State engineers," said Jerry Lawson ('70), who is active in the KC Catbackers and was instrumental in bringing K-Staters together at Allied-Signal. The fund was established in May 1995 with contributions from AlliedSignal KCD employees. It will be matched dollar for dollar by AlliedSignal Foundation's Matching Gift Program.

"I was impressed with the turnout for our College of Engineering event at Allied-Signal and the commitment the group demonstrates in helping the college meet one of our most pressing problems—a shortage of scholarship monies for our outstanding student body," said Don Rathbone, dean of the College of Engineering. "This type of effort will benefit AlliedSignal, the college and the community. I hope the effort becomes a role model for other K-State engineers."

Snell wins Hollis teaching award

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analysis, and structural design. He received his B.S. and M.S. in civil engineering in 1954 and 1960, respectively, from K-State and his Ph.D. from Purdue Univ. in 1963.

He has been a member of the K-State faculty since 1957 and was promoted to the rank of professor in 1968. Between 1963 and 1977, Snell was an investigator on several research grants related to structural mechanics, optimization, and the design of steel beams with web openings. In 1972 he became head of the department of civil engineering, and resigned from that position in 1992 to resume full-time teaching.

Snell has been active in the American Society of Civil Engineers, the Kansas Engineering Society, and the National Society of Professional Engineers. He is also the K-State Faculty Athletics representative to the Big Eight (Twelve) Conference and to the National Collegiate Athletic Association since 1975.
William G. Kirby (CE '33) and his wife Hazel, Topeka, Kan., celebrated their 66th wedding anniversary May 26. Their son, William, and grandson, Gregory, are both KSU graduates, and their great-granddaughter, Heather, will begin here in the fall.

De Beeler (ME '41) spent 36 years as director of the NASA Flight Research Center, seven years as director of Fairchild/Republic Flight Tests, Edwards AFB, and is presently a consultant living in Capistrania, Calif.

John Weese (ME '55), head of the department of engineering technology at Texas A&M, has been elected to a two-year term as vice president for public affairs for the American Society for Engineering Educators (ASEE).

C.Q. Williamson (EE '56) has transferred to Pittsburgh, Penn., with SMS Concast. His position is chief engineer with this supplier of continuous casting machinery to the steel industry. He and his wife Robbie continue to maintain their home in Bethlehem, Penn.

Howard Eede (CE '59) recently retired from Howard Eede Inc., Consulting Engineers, Bellevue, Wash., where he lives with his wife, Maril.

C. Keith Wanklyn (ME '60), Englewood, Colo., retired in June 1995 after 35 years with Lockheed Martin Corp. He was manager of design and factory engineering support on the Titan launch vehicles. He spent his entire career on the Titan programs.

G. Everett Gruen (NE '61), Idaho Falle, Idaho, has retired from his project management position at the Idaho National Engineering Lab.

Larry D. Loomis (IE '64) was recently elected president of the Marion National Bank, Marion, Kan.

Wayne L. Pritz (ME '67) was promoted to brigadier general in the Air Force Reserve April 3. He currently serves as the mobilization assistant to the director of operations for Headquarters, Air Force Space Command, Peterson AFB, Colorado Springs, Colo.

Michael F. Kingman (ChE '69) reports that as a member of the Soaring Club of Houston he has added a glider rating to his private pilot license.

Don T. Norton (ARE '75), Wichita, Kan., received an ASHRAE Technology Award for the design of the Florence Wilson Elementary School, Garden City, Kan., at ASHRAE's centennial meeting in Chicago in January.

Steve Wensel (CnS '75), Nampa, Idaho, reports that Wensel Construction won the 1995 A.G.C. "Build America" Award for construction of the Langrishe Performing Art Center—Albertson College of Idaho.

William G. Stannard (CE '75) has been promoted from general partner to senior partner at Black & Veatch, Kansas City, Mo. He is head of the firm's management consulting division.

Marc R. Ramsdale (ChE '79) has accepted a position as managing director, Eastman Chemical (Malaysia) Sdn Bhd. He and his wife, Jody, and their three children will relocate to Kuala Lumpur, Malaysia, in August.

Rick Keck (CIS '79), Overland Park, Kan., is the systems administrator for the Univ. of Missouri-Kansas City School of Biological Sciences. He is getting the school on the university network and helping professors and graduate students use the Internet.

Sue Gross Biederwolf (IE '83) and her husband, Scott, announce the birth of their first child, Paige Nicole, May 1. Sue is a product marketing engineer with Motorola CSIC Microcontroller Division, Austin, Texas.

Denise D. (Sullenger) Asgian (CNS '84) and her husband, Art Asgian, announce the birth of their son, Jacob Daniel Jan. 1. They make their home in Tigard, Ore.

Kerry Habiger (EE '85) was named 1994's most valuable performer for the TITAN Corp., San Diego, Calif. He is a senior research engineer for TITAN's Advanced Innovative Technologies Division, Albuquerque, N.M.

Marshall Claxton (ChE '85), his wife, Denise (Cloth. & Text. '84), and two-year-old daughter, Haley, Olathe, Kan., announce the birth of Courtney Renee, April 20. Marshall is a consulting engineer for Black & Veatch Waste Science, Kansas City, Mo.

R. Brian Clevinger (ChE '85) received his MBA in June 1995 from the Univ. of California, Riverside, and has accepted a position with Intel Corp. He had previously worked nine years for Magma Power Co.

Kevin L. Salter (AgE '85) has worked for the Kansas Division of Water Resources for the past two years as assistant water commissioner. He and his wife and three children live in Garden City, Kan.

Dale Dubbert (M.S. EE '86) and his wife Linda are both employed at Sandia National Laboratories in Albuquerque, N.M.

Kurt L. Balthazor (ME '86) recently accepted the position of engineering manager at Castlecave Inc., Pittsburg, Kan.

Mike Osborne (EE '88) and his wife, Pam, announce the birth of their first child, Nicholas Michael, May 10. Mike is a staff engineer at IBM in Rochester, Minn.
Santhana Krishnan (M.S., IE '88) has recently left Hewlett-Packard to become the CEO of InteQ Corp. in Burlington, Mass. InteQ provides services and solutions in the areas of enterprise messaging, IT management, and interactive education and training. He and his wife had their first child, Nikita, Dec. 1.

Jeffrey L. Thompson (AgE '88) received his juris doctor degree with honors from the George Washington National Law Center in May. Jeff is an associate in the intellectual property group of Marks & Murase L.L.P. in Washington, D.C., and is registered to practice before the U.S. Patent & Trademark Office where he previously worked as a patent examiner.

Jim Ruland (Che '89) is practicing intellectual property law in San Antonio, Texas, with Novak, Druce, Herman, and Burt.

Troy D. VonLehe (MET '89) and his wife, Tammy, announce the birth of a daughter, Taylor Rahe, April 28.

Jay Sambasivam (IE '90) is production control manager at Paxton Products, Camarillo, Calif. He was married to Geethanjali on March 13, in Madras, India.

Leigh Ann (Kuhn) Carroll (Che '90) and her husband, Jeff, Prairie Village, Kan., announce the birth of a son.

Aaron Patrick, June 8. Leigh Ann recently "retired" from Burns & McDonnell Engineering to become a full-time mom.

Joel DeHaven (ARE '91) is now living in Rock Island, Ill., and working as an electrical design engineer for KJWW Engineer Consultants in the "Quad Cities." After graduation he worked for Latimer Sommers Engineering in Topeka. He enjoys the diversity of his new job, and he is keeping good company—seven other recent KSU engineering grads work for KJWW.

Jeffrey Newell (EE '91) and Amy Newell (ARE '91), Laguna Hills, Calif., announce the birth of a son, Alexandar, April 13.


Mark L. Johnston (CE '92) and his wife, Julie, Overland Park, Kan., announce the birth of their first child, Zachary Laurence, Dec. 23, 1994.

Paul J. Oberrieder (ME '93) and Tracie L. Howard Oberrieder (IE '94) were married May 6 in Topeka, Kan. They now live in High Point, N.C., where Paul works for MAC Equipment.

Andrea L. Starr (NE '93) works as a reactor engineer for PECO Energy at Peach Bottom Atomic Power Station, Delta, Penn. She will marry William H. Longston III on Oct. 21.

Steven L. Neely (CHE '94) is a process engineer with Philips Lighting Co., Salina, Kan. He and his wife, Lori, had their first child, Steven Louis Neely II, April 1. He plans to return to KSU in the fall of 1995 part-time to continue his education.

Sally E. Mullen (IE '94) accepted a position in March 1995 with Sanders, a Lockheed Martin Co., as a process engineer in Nashua, N.H.

DEATHS

John David McKeen (AgE '27), Des Moines, Iowa, died Jan. 27 at age 93.

Melvin E. Smith (EE '32), Wichita, Kan., died of a heart attack May 8. He is survived by his wife, Vera.

Glenn E. Pribbeno (ME '41), Longmont, Colo., died April 19.

Martin Decker, Jr. (AgE '50) died in October 1994. He was an extension specialist and professor of ag engineering at Rutgers Univ. He was instrumental in establishing the New Jersey Agricultural Museum in New Brunswick. He is survived by his wife, Corrine, Kendall Park, N. J., four children and six grandchildren.

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What's new?

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 Dorsey, the editor of IMPACT, using one of the addresses to the right.

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Major/Class year

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News for IMPACT

Return to: IMPACT Editor, College of Engineering, Kansas State University, 146 Durland, Manhattan, KS 66506-5104, or fax to 913-532-6962 or E-mail at mdorsey@oz.ksu.edu
Beyer named Besal Scholar by IESNA

Ken Beyer, fifth year architectural engineering major at K-State, has been named the winner of the first annual Mickey A. Woods Award for Outstanding Besal Scholar for 1994-95.

The award recognizes outstanding achievement among graduating students nationwide participating in the Besal Fund Scholarship Program. Categories for consideration for the award include academic scholarship, lighting related activities, and essay and recommendations from faculty.

Clarence Waters, head of ARE and CNS, is the Besal director for illumination studies and administers Besal funds at KSU. The funding, he said, was established in memory of Robert J. Besal to advance lighting education and support schools that teach lighting.

Beyer received a personal award and trip to the August Illuminating Engineering Society of North America (IESNA) Technical Conference in New York City where he was recognized. In addition, Kansas State received and will display the M.A. Woods school award and will retain it for the coming year.

While IESNA administers overall funding for the Besal program, direct funding comes from Lithonia Lighting, Conyers, Ga., a suburb of Atlanta.

Leven named R2D2 manager

The Hazardous Substance Research Center named Blase Leven to manage the Research and Re-Education for Displaced Military and Department of Defense Civilian Personnel Program (R2D2). He joined KSU May 30.

He will recruit participants and assist in matching them with research and tech transfer programs at the 29 HSRC universities.

He has a B.S. in geology from the Univ. of Calif., Davis, and a master's degree in geology from the Colorado School of Mines. He was an Army officer and had been a project manager and geologist with Terracon Environmental Inc., Tulsa, Okla., and Topeka, Kan.

K-State IEEE chapter recognized

The student branch of the Institute of Electrical and Electronics Engineers at KSU was recently honored as one of the best in the nation.

The K-State chapter was named the outstanding student branch in Region Five during the region's conference in April. Region Five is comprised of 74 schools within Kansas and all or parts of 11 other states.

The Institute of Electrical and Electronics Engineers, one of the world's largest professional organizations, includes electrical engineers, computer engineers and computer scientists.

During the past year the K-State student branch has created a home page on the World Wide Web, organized a community service project within Riley County, seen its membership increase to 130 members and recruited national speakers to speak at K-State.

Jim DeVault, associate professor of electrical and computer engineering, is the faculty advisor.