

IMPACT

Kansas State University College of Engineering

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WISE numbers increase at KSU

Kansas State University has moved into second place behind Texas A&M in the number of engineering students selected in a national competition for 10-week public policy-making internships in Washington, D.C.

Three of the 16 winners for 1990 Washington Internships for Students of Engineering (WISE) are from K-State, bringing the total to 10 winners since the competition began a decade ago, according to Donald E. Rathbone, KSU Dean of Engineering. Texas A&M has had 11 winners and Univ. of Illinois has had eight.

Raelyn Clark, senior in IE, Overland Park; Kelly Keimig, junior in IE, Wichita; and Kurt Barrow, junior in ME, Clearwater, will spend May 29 to Aug. 3 learning

how engineers contribute to public policy decisions on complex technological matters. The competition is sponsored by the American Society for Engineering Education.

Tim Turner, WISE coordinator in Washington, D.C., said the students will be assigned to the Washington offices of various professional engineering societies and associations. They will conduct interviews and research on topics being considered by Congress and write technical papers which will be considered for publication in an engineering journal or magazine. The students will also discuss engineering public policy issues with prominent engineers and government officials.

Rathbone said, "This is a truly broad-

ening experience. It develops considerable awareness of the policy-making process at the national level; and it gives the students confidence in dealing with people. These internships require that the students have good communication skills."

K-State's College of Engineering has had at least one student chosen every year for the last six years of the program. There are more than 250 engineering schools in the country. Turner indicated that KSU is the only institution with three 1990 winners. MIT has two and 11 other schools have one each, including Michigan State, Pennsylvania State, Iowa State, San Jose and San Diego State Universities, Missouri, Flor-

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Myers named Alumni Fellow for '90

Brig. Gen. Richard B. Myers, Deputy Chief of Staff, Plans, Headquarters Tactical Air Command, Langley Air Force Base, Va., has been selected as the 1990 Alumni Fellow of the College of Engineering.

He earned a bachelor's degree in mechanical engineering from KSU in 1965 and a master's degree in business administration from Auburn University in 1977. He completed Air Command and Staff College in 1977 and the Army War College in 1981.

His previous assignments included Inspector General, Headquarters Tactical Air Command, and commander of two fighter wings. He also served as commandant of the USAF Fighter Weapons School at Nellis AFB, Nev., commander of the 335th Tactical Fighter Squadron, Seymour Johnson AFB, N.C., and numerous other assignments, including the Pentagon and several overseas locations. Myers is a

command pilot with more than 3,700 flying hours in F-4s, F-16s and F-14s, including 600 combat hours in F-4s in Southeast Asia.

His military decorations and awards include the Legion of Merit, Distinguished Flying Cross with oak leaf cluster, Meritorious Service Medal with three oak leaf clusters, Air Medal with 18 oak leaf clusters. He assumed the grade of brigadier general Aug. 4, 1989.

"Richard B. Myers has had a very successful and distinguished career with the United States Air Force. He has held many leadership roles in the Air Force and has been very supportive of his Alma Mater," according to Don Rathbone, dean of the College of Engineering.

"The College of Engineering is very proud to have Gen. Myers as its 1990 Alumni Fellow," he continued, "and we look forward to having him on campus to interact with our students."



Gen. Richard B. Myers

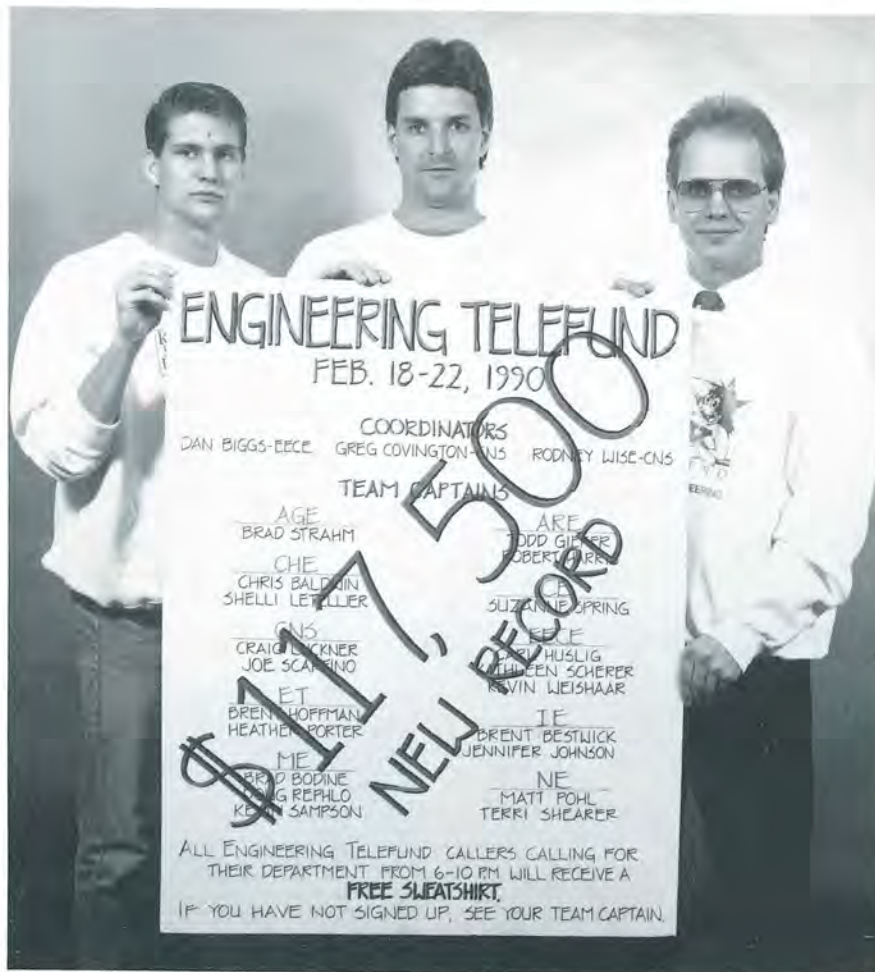
Fund drive successful

For the 11th consecutive year the College of Engineering has set a record in dollars and number of pledges for the KSU Foundation Telefund. From Feb. 18-22 more than 200 student volunteer callers received \$117,500 from 3,092 pledges.

According to John Dollar, Assistant Dean of the College of Engineering, this was a 12½ per cent increase over last year's record setting numbers of \$104,500 from 2,939 pledges.

"This was another superb effort on the part of students and the alumni," Dollar said, "with a very nice increase in both dollars and the number of pledges."

Greg Covington, senior in CnS, one of the coordinators of the drive, earned honors as the top student caller in Engineering by raising \$5750 from 155 pledges in three sessions. These numbers also gave him status as the third top caller for the entire university.



(l-r) Dan Biggs, Jr., EECE, Greg Covington, Sr., CnS, and Rod Wise, Sr., CnS, display telefund board.

IE senior receives honor



Ray Dempsey, senior in IE, has been named Outstanding Fellow by the National Society of Black Engineers, for his participation in regional and national chapters, academic performance and campus activities.

Forty-nine college students were honored with Fellow awards in 1990, and one—Dempsey—with the Outstanding Fellow award. In past years he had been awarded two other Fellow awards. K-Staters Calvin Mayfield, junior in EE, and Monrovia Scott, freshman in IE, were also among those named as Fellows this year. Scott's Fellow, the Louis B. Latimer Award, is given by General Electric, through NSBE, to recognize achievement of top students nationally.

Belonging to NSBE, a nationwide student-run organization with membership of more than 6,000, has given Dempsey the opportunity to speak to both high school and college students in conference and symposium settings. He stresses making education a goal and working hard to be successful.

Dempsey gives the K-State engineering program much credit for his success, and plans to complete graduate school in the next 5 to 10 years, after gaining some work experience.

"Ray, to me, is the total student in every way," said Don Rathbone, dean of the College of Engineering. "He is highly committed and motivated in everything he does."

Pepsi designates money for scholarship fund

Reggie Carney, KSU sophomore in EE, from Wichita, has been recognized by the Pepsi Cola Company for his outstanding performance in Pepsi's Summer Intern Program. On Feb. 13, Carney presented Donald E. Rathbone, dean of the College of Engineering, with a

\$2,000 check from Pepsi, designated for the minority scholarship fund.

The Pepsi Cola Summer Intern Program provides students with an opportunity to learn business fundamentals during a summer internship. In 1989, 81 students were recognized by provid-

ing \$2,000 grants to their schools. This year, because the company is dedicated to fostering opportunities for minorities through education, 95 students were commended for their work by the foundation making grants totaling \$190,000 to colleges like K-State.

College of Engineering retires seven

Seven faculty members will retire from the College of Engineering this spring and summer—three from IE, two from EE and one each from AgE and AE.



Doris Grosh

Doris Grosh will leave K-State after 25 years of teaching a broad range of engineering and statistics courses in the Departments of Industrial Engineering and Statistics. She began as a part-time lecturer, became a full professor and served one year as Interim Head of IE. She was awarded the James L. Hollis Award for Excellence in Teaching in 1975 and the IE Departmental Teaching Award in 1981. Grosh was the founder of the KSU Chapter of the Society of Women Engineers.



Robert E. Dahl

Presently serving as head of the Department of Architectural Engineering and Construction Science, a program that experienced the greatest growth in its history under his leadership, Robert E. Dahl will retire after more than 14 years with the College of Engineering. He has been involved locally and nationally with the National Society for Architectural Engineers, Associated General Contractors, Associated Schools of Construction, the American Society of Heating, Refrigerating and Air Conditioning Engineers, American Council of Construction Education and American Society of Engineering Education. He is listed in *Who's Who in Engineering*.



Louis E. Grosh

Louis E. Grosh will retire from Kansas State University after 25 years teaching in IE. In addition to working with senior students in the capstone design laboratory, he taught courses in statistical quality control, industrial simulation, production and inventory control and facility design. Grosh guided the evolution of computer facilities and practices in IE and the College of Engineering through service on the Computing Advisory Committee.



Alvin E. Willems

Alvin E. Willems, during his career, served ten professional organizations, several national committees and five master planning investigative committees. He retires from IE after 10 years of teaching such courses as manufacturing processes, introduction to manufacturing engineering and tool engineering.



Melvin C. Cottom

After 35 years teaching in the Depart-

ment of Electrical Engineering and Computer Engineering, Melvin C. Cottom will retire from Kansas State University. A licensed professional engineer in Kansas and Missouri, he is a senior member of the Institute of Electrical and Electronics Engineering. He served as chairman of the Kansas City section of IEEE, is a member of *Who's Who in Engineering* and numerous engineering and mathematical societies.



Teddy O. Hodges

Fifteen years in Agricultural Engineering, seven years as director of the Engineering Experiment Station, and nine years in Architectural Engineering and Construction Science, cover the 31 years that Teddy O. Hodges has served on the College of Engineering faculty. A member of *Who's Who in Engineering*, he retires after a varied career at KSU in teaching, research and service.



Philip G. Kirmser

Teacher, researcher, administrator, Philip G. Kirmser will retire with over 36 years of service to the departments of Engineering Mechanics, Mathematics and Electrical Engineering and Computer Engineering at KSU. Listed in *Who's Who in Engineering*, and a Fulbright Scholar, he has served as head of the Department of Engineering Mechanics. He has served as a SIAM lecturer and has been involved in several research projects. He taught the first analog computer course offered at Kansas State University.

Activities, awards, displays mark 68th a

Attendance was estimated at 10,000 to 12,000 for the College of Engineering's 68th Annual Open House April 7-8. According to Ray Hightower, faculty advisor of Steel Ring, the engineering honorary that coordinates open house, "The individual department displays were the best ever and every department improved overall."

Greg Covington, senior in CnS, Prairie Village and Wendy Wittmer, senior in

AE, Topeka, were elected St. Pat and St. Patricia, respectively. Prof. Paul McCright, IE, was named "Advisor of the Year" and Ira Bolden, junior in EE, was awarded the \$1,000 W. Leroy Culbertson Steel Ring Leadership Scholarship Award, at Saturday evening's awards banquet.

Outstanding Department Award went to Agricultural Engineering and the Yellow Brick Award for outstanding float

and parade participation to Architectural Engineering.

Class display awards were as follows: Open Class Display—Agricultural Engineering; Freshman/Sophomore Class Display—Agricultural Engineering; Limited Class Display—Computer Engineering; Curriculum Display—Agricultural Engineering; and Graduate Display Award—Troy Kolb, Agricultural Engineering.



(above) Colorful floats mark Friday afternoon's kickoff parade. EECE's entry is "Chip #1." (right) Judith Ulrich, and John Ulrich, head of ET, view award-winning display shown to them by Mike Meisinger, Fr., AgE.



(above) Dean Don Rathbone offers congratulations to Ira Bolden, Jr., EE, recipient of the Culbertson Scholarship.



Annual Engineering Open House



Black & Veatch industrial display.



St. Pat and Patricia candidates: (bottom) Greg Covington, Sr., CnS, Wendy Wittmer, Sr., AE; (center) David Johnson, Sr., CE, Sheila Hayter, Sr., ME; (top) Greg Grabs, Sr., AgE, Debbie Tauscher, Sr., IE.



Dean Rathbone addresses attendees of the evening awards banquet.

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Donald Christy (AgE '33) died March 17, 1990. He was Chairman of the Board of the First National Bank, Scott City, Ks. A member of the 1989 Engineering Hall of Fame class, Christy was on the KSU Engineering Advisory Council and in the KSU Dean's Club. He was a former Kansas State Senator, serving on numerous agriculture, and water and soil conservation boards.

Virgil F. Lundberg (EE '34) died April 9, 1990, at Salina, KS. He was the owner of the Lundberg Engineering Company in that city. A member of the Class of '89 KSU Engineering Hall of Fame, he had also previously been honored as the Kansas Engineering Society Outstanding Citizen of the Year. He was a KSU Foundation Trustee, a member of the KSU Athletic Director's Circle and KSU Presidents' Club, and a recipient of the KSU Advancement Award.

Loyal M. Van Doren (CE '38), died April 2, 1990, at Lehigh Acres, Fl. He had retired in Dec. 1980 from the Topeka architectural and engineering firm which he established, Van Doren, Hazard and Stallings. This past fall he had been inducted into the Class of '89 KSU Engineering Hall of Fame. He was also a member of the KSU Engineering Advisory Council, had received the KSU Distinguished Service Award and was on the KSU Alumni Board. He is survived by his wife Helen and three sons.

Charles V. Jakowatz (EE '44) died April 10, 1990, in Wichita, Ks. He was

formerly dean of engineering at Wichita State University, and a member of the Class of 1989 KSU Engineering Hall of Fame. He was also a recipient of the KSU Distinguished Service Award.

Seldon G. Shepherd, Jr. (CE '51) died July 21, 1989, of congestive heart failure. He was employed as an engineer with Boeing in Wichita, Ks., and is survived by his wife, four sons and three grandchildren.

Leonard Farber (EE '64, M.S. EE '66) died Aug. 28, 1989, in Naperville, Il. He was employed at AT&T/Bell labs there in the field of electromagnetic compatibility. He had earned a Ph.D. in EE in 1969 from the Univ. of Iowa, and is survived by his wife Cynthia (M.S. Music Ed. '64) and three children.

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ida and U.S. Military Academy at West Point.

"Once again, K-State's success in this competition is indicative of the outstanding students and programs at this university," Rathbone said.

A stipend of \$2,400 plus a travel allowance is provided to each winner. The students are under the guidance of a nationally prominent engineering professor and receive college credit for the experience. Students are selected for the program based on evidence of leadership skills and interest in public issues.

Burton receives 'educator' award

Charles L. Burton, Kansas State University professor of architectural engineering and construction science, has received the Outstanding Educator Award from the Associated General Contractors of America Education and Research Foundation. He accepted it on March 16, in San Francisco, Ca., at AGC's annual meeting.

The award is presented annually to a full-time faculty member in a department of construction management or construction engineering. Although teaching is the primary measure of recognition, nominees must also exhibit involvement in student organizations and industry relations.

Burton has been a K-State faculty member for 20 years, is the faculty advisor of both the AGC and ASHRAE student organizations and has conducted several seminars for the construction industry, particularly dealing in construction management.

AGC is a corporate membership organization with more than 7500 members. Burton was nominated and recommended for the award by AE and construction science faculty at K-State, former students and persons in the construction industry. He was the 1986 recipient of the James Hollis Award for Excellence in Undergraduate Teaching in the College of Engineering.



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