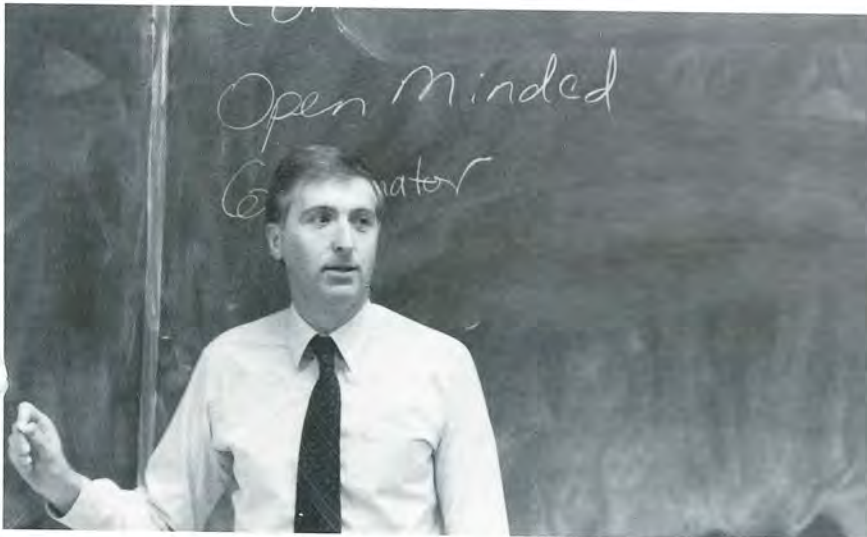


# IMPACT

Kansas State University College of Engineering

Vol. 25, Number 1 Winter 1990

## Tau Beta Pi hosts NCR director



Colin Isenman, Director of Engineering for NCR, was the Distinguished Speaker for the Fall 1989 Initiation Banquet of Tau Beta Pi, Kansas Gamma Chapter, held Dec. 4 at the K-State Union.

Isenman holds a BS in electrical engineering science from the Univ. of Wales and an MBS from the Univ. of San Diego. He has been employed by NCR since 1982, and before joining them worked for Racal Communications, Burroughs Corp., and National Advanced Systems.

Prior to the dinner address, Isenman had spent the day meeting with various College of Engineering department heads and electrical and computer engineering faculty members, in addition to speaking to honors seminar students.

## Nominations sought for class of '90

With the selection and induction of the first Kansas State University College of Engineering Hall of Fame successfully completed, nominations are now being accepted for those to be named to the class of 1990.

As with the 51 members of the class of 1989, eligibility is limited to engineering graduates from Kansas State University with one exception permitted each year. A minimum of 20 years professional experience is required and the following four criteria taken into account: success in chosen career; active involvement and support of the College of Engineering; active involvement and support of KSU; professional and public service.

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Donald E. Rathbone, dean of the College of Engineering, welcomes inductees and guests. See pages 4-5 for further banquet highlights.



## KSU engineering mementos available

As a personal memento, or a gift, the KSU College of Engineering is making available fine quality, white marble paperweights, with up to five engraved lines of words of your choice to be centered on a metal plate between the headings "College of Engineering" and "Kansas State University," with the KSU Wildcat logo to the left.

The price of the paperweights is \$15 each, which includes shipping and handling. Checks should be made payable to the Kansas State University Foundation and orders must be received by March 31, 1990.

Orders should be mailed to: Dean of Engineering, Rm 146, Durland Hall, KSU, Manhattan, Ks. 66506-5104. If you have any questions, call: Kelley Blankley (913) 532-5590. Please allow 4-6 weeks for delivery after the deadline date.

My choice of up to five lines of engraved type are as follows:

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Please send me \_\_\_\_\_ paperweight(s) at \$15.00 each.

My check amount enclosed, made payable to the Kansas State University Foundation, is \$\_\_\_\_\_.

Mail to:

Name \_\_\_\_\_

Address \_\_\_\_\_

City/State \_\_\_\_\_ Zip \_\_\_\_\_

Tel. No. \_\_\_\_\_ - \_\_\_\_\_

## Hulings' gift to establish chair

The Kansas State University Foundation has received more than 400 acres of Atchison County farmland to benefit the KSU College of Engineering.

The gift, valued at approximately \$400,000, is from Mark and Margaret Hulings, Corpus Christi, Tx. The property will be sold by the foundation's property management division with sale proceeds used to create two funds.

The first \$250,000 of this money will create the Mark H. and Margaret H. Hulings Chair in Engineering. Additional sale revenue will create the Mark H. and Margaret H. Hulings Fund to support the new Foundation/Alumni Center.

Mark Hulings is a native of Atchison County and received his bachelor's degrees in mechanical engineering and business from KSU in 1948 and 1949, respectively. A U.S. Navy veteran, he

held a variety of positions with Caterpillar Tractor Co. between 1949 and 1961, when he organized a Caterpillar dealership in Corpus Christi. He is a director of MBank in Corpus Christi and Coastal Bend National Bank in Calallen, Tx.

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Donald Rathbone, dean of the College of Engineering, noted that while the first class favored those who were retired or in the latter stages of their career, this approach should gradually change as the Hall of Fame matures and the older graduates have been inducted.

Deadline for nominations for this year's class is June 1, 1990. These should be sent to: Hall of Fame; College of Engineering; Durland 146; KSU; Manhattan, Ks. 66506.

## IE seeking ties to industry

Fourteen industrial engineers and business leaders forming Kansas State University's industrial engineering advisory council met with faculty members recently to discuss ways of developing stronger relationships between the university and the private sector.

R. Michael Harnett, head of the industrial engineering department, said the council meets annually to discuss changes and challenges in industry and industrial engineering. Faculty members report on progress and achievements of the department during the past year.

Members of the council are senior industrial engineers or managers of companies involved in industrial engineering who are interested in K-State.



# Theme, schedule set for open house

"Nineties Engineering: A Decade for Advancement" is the theme for the 68th annual KSU Engineering Open House. The event is scheduled for April 6-7 in conjunction with the all-University Open House. Engineering displays will be open from 5:30 to 9 p.m., Friday, April 6, and 9 a.m. to 4 p.m. Saturday, April 7.

The College of Engineering is planning an alumni luncheon for noon Saturday at the University Inn. A social hour will begin at 5:00 p.m. at the University Inn, followed by the awards banquet at 6:30 p.m. in the K-State Union Ballroom. Please fill out the form below if you plan to attend.

## FRIDAY, APRIL 6, 1990

Engineers' Open House Parade (Mid-Campus Drive)	12:00 noon
Engineering Opening Ceremonies (Front steps of Seaton Hall)	12:10 p.m.
Torch Runner Arrival	12:10 p.m.
Presentation of Yellow Brick Award	12:15 p.m.
Crowning of St. Pat and Patricia	12:25 p.m.
Engineering Awareness Seminar for High School Students (Paslay Lecture Hall, Durland Hall)	1:30 p.m.
Registration	1:30 p.m.
Seminar	2:00-4:00 p.m.
Engineering Student Displays and Open House of Facilities (Durland, Seaton and Ward Halls)	5:30-9:00 p.m.
Industrial Displays (Durland, Seaton and Ward Halls)	5:30-9:00 p.m.

## SATURDAY, APRIL 7, 1990

High School Design Contest Registration (Durland Hall Atrium)	8:00-9:00 a.m.
Steel Ring Honorary Alumni Reception (Cottonwood Room, K-State Union)	9:00-10:00 a.m.
High School Design Contest (Durland Hall Atrium)	9:00-12:00 noon
The "Great Ramp Scamper" Contest	
Willie Wildcat's "Paper Tower Design" Content	
Engineering Student Displays and Open House of Facilities (Durland, Seaton and Ward Halls)	9:00-4:00 p.m.
Industrial Displays (Durland, Seaton and Ward Halls)	9:00-4:00 p.m.
Engineering Alumni Luncheon; limited seating (University Inn)	12:00 noon
Engineering Social Hour (University Inn)	5:00 p.m.
23rd Annual Engineers' Open House Banquet (Main Ballroom, K-State Union; advance reservation only)	6:30 p.m.

**PLEASE RETURN THIS FORM TO:**

Donald E. Rathbone  
Dean of Engineering  
146 Durland Hall  
Kansas State University  
Manhattan, KS 66506-5104

ENGINEERS' OPEN HOUSE  
ALUMNI RESERVATION FORM  
Please make checks payable to the KSU Foundation

- ( ) I plan to attend the Engineering Alumni Luncheon on Saturday, April 7, 1990, and have enclosed my check for \_\_\_\_ tickets. (\$5.00 per person) (Contributors to scholarship funds and other funds and activities administered through the Dean's Office are invited as guests of the College of Engineering.)
- ( ) I plan to attend the Engineers' Open House Awards Banquet on Saturday, April 7, 1990, and have enclosed my check for \_\_\_\_ tickets. (\$9.50 per person)
- ( ) I will attend the social hour at the University Inn. Please reserve \_\_\_\_ places for me.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_ DATE \_\_\_\_\_

# CLASS OF 1989 ENGINEERING HALL OF FAME

Year of Graduation	Name	Year of Graduation	Name
1924	Mueller, George V.	1946	
1925	Wilson, Claude L.	1947	Adee, Ray A. Nelson, Ernest O.
1926	Bainer, Roy A. ** Fiedler, George J. (posthumously)		Siegele, Harold L. Smith, Lloyd T.
1927		1948	Shupe, John W.
1928		1949	
1929	Eby, Martin K., Sr.	1950	Chesnut, Donald R.
1930	Paslay, LeRoy C. **	1951	
1931		1952	Stedham, Austin W.
1932	Mitchell, Walter R.	1953	Barrett, Thomas H. *
1933	Christy, Donald Kesler, Joel P. Peltier, Eugene J.	1954	Ayers, David C. Collins, Kenneth R. Hartman, Stuart B. Morton, Dean O. * Snell, Virgil H. Way, A. R. (Jack)
1934	Lundberg, Virgil F. Richards, James C. *	1955	Johnson, Gilbert E. Prigmore, Donald G. Tointon, Robert G.
1935	Benson, Fred J. Frazier, John W. Sellers, Ben A.	1956	Eby, Martin K., Jr. Exline, Robert W. Lonsinger, Harold G. * Slaughter, John B. *
1936	Mistler, Alvin J.		
1937	Rector, Alwin H.	1957	
1938	Carter, Charles T. Krabbenhof, Clifford R. Van Doren, Loyal M. **	1958	
1939	Roberts, Bruce E. Kane, Eneas D. *	1959	Downey, Joseph L. Hosler, Darrel M.
1940		1960	Serpan, George R. Walters, John W.
1941	Fairbanks, Gustave E. Geldhof, Alexander R.	1961	Stevens, Karl K.
1942	Myers, Phillip S.	1962	
1943	King, Edward J., Jr.	1963	Edwards, Gary W. Lackey, William M. *
1944	Jakowatz, Charles V. Kimel, William R.	1964	Kerschen, Richard M.
1945	Goering, Gordon D.		

\*Nominees that were selected for the Class of 1989 but will be inducted with the Class of 1990.

\*\*Receiving award in absentia



# Hall of Fame class honored at banquet

*Charles Carter, at the podium, representing the first Hall of Fame class, delivers the response following induction ceremonies. ME '38, Carter is the retired president of the ARCO Pipeline Company.*



*Don Rathbone, dean of the College of Engineering, center, congratulates the only father-son team in the Class of '89 Hall of Fame. Martin K. Eby, Jr., left, CE '56, is President and CEO of the Martin K. Eby Construction Co., Inc., Wichita. Martin K. Eby, Sr., right, CE '29, is founder and Chairman of the Board of that company.*

*KSU President Jon Wefald, center, addresses Hall of Fame members and guests following the evening meal. He is joined at the head table (l-r) by Barbara Wilson, Manhattan; Ruth Ann Wefald; Donald E. Rathbone and Lynne Rathbone.*



# Biomass/energy study to be funded

Two Kansas State University engineers have been awarded \$25,000 to study the energy benefits of biomass.

Mark Schrock, a professor of agricultural engineering in the College of Engineering, and Dennis Matteson, a small business energy specialist with engineering extension programs, received official notice Nov. 21 that their proposal, Biomass Resource Assessment, had been funded. The contract begins Jan. 1 and runs through Sept. 30, 1990.

The term biomass refers to organic

materials, both living and non-living, and their by-products. In relation to energy, biomass refers to renewable energy sources, such as firewood and buffalo chips and garbage.

Schrock and Matteson will aim the thrust of their research at developing an inventory of how much biomass resource there is in the state of Kansas, as part of a national inventory project.

"Our research is part of a national effort to determine the potential for biomass as an energy source," Matteson

said. "Similar studies are being done in every state, with each state concentrating on the native sources found there. In Kansas, we're going to look at wood by-products and standard crop residue such as corn stalks and wheat straw."

Schrock said the study has three purposes. "We'll be determining how much biomass there is potentially, comparing its use as energy to its other uses (such as fertilizer or erosion control agent) and collecting all this information into a national data base."

## Hayter receives ME award

Kansas State University's Richard B. Hayter recently received the 1989 Distinguished Mechanical Engineer award from the department of mechanical engineering at South Dakota State University. The award is presented annually to a graduate of South Dakota State University who has distinguished himself or herself in the field of mechanical engineering.

Hayter graduated from SDSU in 1965 with a B.S. in mechanical engineering. He is presently director of Engineering

Extension at Kansas State University. He received his M.S. and Ph.D. in mechanical engineering from Kansas State University.

Prior to his present position he was executive vice president of Energy Management in Control Corporation in Topeka. In 1982-83 he served as director of the Kansas Energy Office and this past year served on temporary assignment as assistant to the president for government relations at Kansas State University.

## Sigma Xi honors Fan

Dr. L.T. Fan, ChE, was named Outstanding Scientist by the KSU chapter of Sigma Xi, in recognition of his outstanding ability in scientific research. He presented the lecture, "Fractals in Time: Neglected Fractals," Dec. 7 to chapter members, and was later given a \$100 honorarium and certificate of award.



College of Engineering  
Durland Hall  
Manhattan, KS 66506-5104

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