

# IMPACT

Kansas State University College of Engineering

Vol. 26, Number 1 Winter 1991

## Alumni contributions boost fund drive

LeRoy Paslay



H.L. Siegele



Two engineering alumni have recently made substantial gifts to Kansas State University's \$100 million Essential Edge Campaign to benefit the College of Engineering. The commitments from LeRoy and Aileen Paslay, Manalapan, Fl., and H. L. 'Hal' and Mary Siegele, Houston, Tx., bring the college's fund raising total to nearly \$11 million. Its goal in the campaign is \$18 million.

The Paslays' gift of more than \$700,000 used stock to create a trust with the KSU Foundation that will pay the couple lifetime income and eventually endow the LeRoy C. and Aileen H. Paslay Chair in Electrical and Computer Engineering. Their gift also included more than \$50,000 to support the faculty in EECE.

"Kansas State University was a very important part of our lives," said LeRoy Paslay, a Manhattan, Ks., native. "Our K-State educations have been important to the business and professional successes we have enjoyed. We look at our gifts as an opportunity to repay a debt to the university through the Essential Edge Campaign."

The Paslays have created three trusts with the KSU Foundation and their lifetime gifts exceed \$2.5 million. A

180-seat lecture room in Durland Hall is named in their honor.

"The Paslays are great friends of the university and the College of Engineering," said Don Rathbone, dean of engineering. "They have contributed more to the university for academic programs than any alumni in our history. Their generosity has had a tremendous

impact on our scholarship and faculty recognition programs. They are truly distinguished alumni."

LeRoy Paslay received his bachelor's and master's degrees in EE from K-State in 1930 and 1934, respectively, and served on the KSU faculty. He received an honorary doctorate from K-State in 1986, received the College of Engineering Distinguished Service Award in 1983 and is a charter member of the college's Hall of Fame. Aileen, a native of Ellis, Ks., earned a bachelor's degree from the College of Human Ecology in 1930. The couple are members of the Joseph Denison Fellows donor group.

Hal and Mary Siegele have committed \$125,000, a gift that includes personal funds from the couple and matching support from the Exxon Educational Foundation and will be used to

■ **continued on page 8**

## Equipment fee approved

"A major breakthrough," according to Jon Wefald, President of Kansas State University, took place in December when the Kansas Board of Regents approved a special fee for engineering equipment for the Colleges of Engineering in Kansas.

The fee at Kansas State, to begin in the fall of 1991, will require each engineering student to pay \$100 per semester with the monies going directly to the College of Engineering. At KU, and Wichita State Univ., students will pay \$15 per credit hour.

"This fee will add up to more than \$500,000 per year," Don Rathbone, dean of the College of Engineering, said, "and since we have never had an on-going budget from the state for

equipment, this is a major step forward for us.

"I am optimistic," he continued, "that with leveraging and matching from industry and federal agencies, we can raise well over a million dollars each year for new equipment, equipment replacement and equipment maintenance."

Securing such a fee had long been a goal of Rathbone's, in part due to the Kansas Legislature's failure to adequately fund equipment for the college. Without passage of the fee, he said there was a "very real concern" about the future accreditation of Kansas' engineering schools.

While university administration and

■ **continued on page 8**



# Lighting lab expands research capability



Clarence Waters, asst. prof. AE & CnS, explains functions of the newly completed lighting lab in Seaton Hall, following dedication ceremonies. It will be used for research, teaching, and seminars.

The new Architectural Engineering and Construction Science Lighting and Building Electrical Systems Laboratory was dedicated in ceremonies Nov. 13, giving K-State, in the words of Don Rathbone, dean of the College of Engineering, "the premier lighting research studio in the Midwest."

Located in Seaton Hall, the 600 square-foot facility includes 13 lighting systems, nearly 300 feet of flexible track lighting, 200 light fixtures and 52 controlled circuits.

The two-year project received gifts in

excess of \$100,000 from more than 40 donors, including the National Electrical Contractors Association's Wichita and Topeka chapters which provided materials and a full-time electrician.

Clarence Waters, assistant professor of AE and CnS, was the main instigator of the project as he designed space allocations and directed the construction of the laboratory.

"The students are the ultimate winners in this project," Rathbone said. "This facility will provide new opportuni-

ties for our faculty and students and draw additional attention to our academic and research capabilities.

"Completion of this project underlies the importance of private support at K-State," he continued. "I want to thank Professor Clarence Waters for soliciting industry friends and directing the total project. He did a tremendous job."

A National Science Foundation grant for approximately \$60,000 in computing and data acquisition equipment for the laboratory has also been received.

## Hammerli guest for Tau Beta Pi event



Alan R. Hammerli

Tau Beta Pi, Kansas Gamma Chapter, held their Fall 1990 Initiation Banquet Dec. 3 in the K-State Union. Distinguished Lecturer for the event was Alan R. Hammerli, Worldwide Speciality

Chemicals Manager for Phillips 66 Company, the wholly-owned marketing, refining and chemicals arm of Phillips Petroleum Co., Bartlesville, Ok.

Hammerli was named to this position in Aug. 1989 and is responsible for worldwide specialty chemicals marketing and manufacturing activities. He joined Phillips in 1987 as correlation engineer and two years later was promoted to economic evaluation in the supply division. He was named director of economics for the refining division in 1983.

After earning his bachelor's degree in ChE from K-State in 1971, Hammerli began his career with Mobil Oil as a refining process engineer in Augusta, Ks., and advanced to economic evaluation of Middle East transportation and supply, New York City.

He is now the designated Phillips Petroleum representative for Kansas State University, and has recently accepted a position on the College of Engineering's Advisory Council. Prior to his banquet address, Hammerli toured the college and spoke to honors seminar students.



# ENGINEERING ODYSSEY 1991 & BEYOND



**OPEN  
HOUSE  
APRIL 5 & 6, 1991**

## Reservations

**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 6, 1991, 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 6, 1991, 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 \_\_\_\_\_

## Schedule features contests, displays

### FRIDAY, APRIL 5, 1991

Engineer's Open House Parade  
(Mid-Campus Drive) ..... 12:00 noon

Engineering Opening Ceremonies  
(Front steps of Seaton Hall)

    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 Student Displays  
and Open House of Facilities ..... 5:30-9:00 p.m.  
(Durland, Seaton and Ward Halls)

Industrial Displays (Durland, Seaton  
and Ward Halls) ..... 5:30-9:00 p.m.

### SATURDAY\*, APRIL 6, 1991

Steel Ring Honorary Alumni  
Reception ..... 9:00-10:00 a.m.  
(Sunflower Room, K-State Union)

High School Design Contest  
(Durland Hall Atrium) ..... 9:00-12:00 noon

    Water Odyssey (Hydro-propelled boats)

Engineering Student Displays and  
Open House of Facilities ..... 9:00-4:00 p.m.  
(Durland, Seaton, and Ward Halls)

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.

24th Annual Engineers' Open House  
Banquet ..... 6:30 p.m.  
(Main Ballroom, K-State Union; advance reservation only)

\*Saturday is also "All University" Open House at KSU.



# Engineering Hall of Fame Class of '90

William C. Hidgon, 1934, ME  
 William H. Honstead, 1939, ChE  
 Mark H. Hulings, 1948, ME  
 Joseph F. Allison, 1950, ChE  
 Eugene L. Fieldhammer, 1950, CE  
 Richard D. Scherer, 1952, EE  
 Neil R. Vander Dussen, 1955, EE  
 John A. Weese, 1955, ME  
 Chance Bahadur, 1962, NE  
 Harlan D. Stauffer, 1966, CE

(Class of '89 inductees unable to attend last year)

James C. Richards, Jr., 1934, ChE  
 Harold G. Lonsinger, 1956, ME  
 William M. (Mike) Lackey, 1963, CE



*Neil R. Vander Dussen (left), Mendham, N.J., congratulates John A. Weese, College Station, Tx., following Weese's delivery of the class response.*



*William M. (Mike) Lackey (third from the right), Topeka, Ks., is joined by family members for the evening's festivities.*



*Mark H. Hulings (center), Corpus Christi, Tx., and his wife Margaret, visit with their grandson, Murray Campbell, Calgary, Alberta, a freshman at KSU in AE.*



## 'Innovative' design captures attention

# AgE students win national competition

By developing a light-weight soil testing trailer, two K-State AgE students clinched a national design competition. The win marked the eighth championship for the university since the American Society of Agricultural Engineers contest was begun in 1977, according to Mark Schrock, AgE assoc. professor and advisor to the student project. This is the best record in the country.

Recent graduates Phil Poppe, Chester, Nb., and Greg Grabs, Harper, Ks., designed and built the trailer as their senior project during the 1989-90 school year.

The project won the mid-central region ASAE competition and qualified for the final round which was held at the society's annual convention in December. Poppe and Grabs attended the meeting with Schrock and made an oral presentation of their work before a panel of professional agricultural engineers.

The soil test trailer can be hitched to a tractor or all-terrain vehicle. It tests soil compaction with a penetrating rod and collects soil samples for later test-



ing of fertility, physical characteristics and presence of other chemicals. The trailer incorporates an innovative hydraulically powered anchoring system so a lighter weight design can be used.

*Phil Poppe (left) and Greg Grabs (right) pose with their award winning soil testing trailer.*

## College receives \$14,000 Exxon grant

The Exxon Corporation recently awarded the College of Engineering a \$14,000 grant in appreciation of K-State's engineering program. Ron Thomas, director of Exxon's engineering team at KSU, made the presentation this fall in Manhattan as a part of a program that provides money to universities from which Exxon recruits.

"The award," Thomas said, "reflects a desire to give something back to specific university departments that provide people with the qualities Exxon and its affiliates need. The grant indicates the high regard we have for Kansas State University and its graduates."

Allen Cogley, ME professor and head, said the grant was a thank you from Exxon, "to show their appreciation for the students they recruit from K-State."

"Exxon has hired K-State students in engineering for more than 100 years," he added.



*Ron Thomas (right), Exxon, presents Dean Don Rathbone (left) with a company check in appreciation of K-State's engineering program.*



## Paslay, Siegele contribute to college

### ■ continued from page 1

create a \$100,000 endowed scholarship in the College of Engineering and provide \$25,000 to address program needs identified by the dean.

"My wife and I wanted to make a meaningful gift to help support K-State," said Siegele, who is chair of the Essential Edge Campaign in the College of Engineering. "The matching gift program through Exxon magnifies our gifts and multiplies our support. I hope all gradu-

ates will take advantage of similar opportunities to support the university and this campaign."

Hal Siegele is a 1947 ChE graduate. He received the College of Engineering Distinguished Service Award in 1978, and is also a charter member of the college's Hall of Fame. He is chair of the advisory council for the college and is listed in Who's Who in Engineering. Mary Siegele earned a degree in biology from KSU in 1948.

"The Siegele's are a tremendous asset to the College of Engineering," Rathbone said. "Hal's help with and heading of various projects over the years, as well as his financial support, exemplify this man's commitment and dedication."

Major projects yet unfunded in the college's proposed use of funds in the Essential Edge Campaign include an engineering library and distinguished chairs and professorships.

## Students credited with fee passage

### ■ continued from page 1

local media hailed Rathbone's efforts in the fee passage, he was quick to credit engineering students at K-State for their "effort, support and intelligence." As a college they voted overwhelmingly for the measure, when a December poll was conducted at the request of the Board of Regents to determine engineering students' support of such a fee in the state.

More than 1,000 students took part in the polling with the final tally being

730 in favor and 380 against the fee. In a separate vote taken that day only at K-State, students were also asked their preference of a \$100 per semester fee, versus the \$15 per credit hour fee of the Regents' question. Eighty-two per cent indicated they would prefer the flat rate per semester.

"This is why our fee will differ from those at KU and WSU," Rathbone explained. "I told the students if they voted for the \$15 per credit hour on the original vote, I would ask the Regents for a

variance on the fee for K-State. That request was approved and our students will pay the \$100 per semester fee."

On the same day of the vote here, the proposal failed overwhelmingly at the engineering colleges of both KU and WSU.

"It was the K-State engineering students who 'won the day' for the establishment of the fee," Rathbone said. "We 'carried' the other two schools 'on our back' on this one."



College of Engineering  
Durland Hall  
Manhattan, KS 66506-5104

Nonprofit Organization

U. S. POSTAGE

PAID

Permit #525

Manhattan, Kan. 66502

IMPACT is published by the College of Engineering, Kansas State University, Manhattan, Kansas 66506. Subscriptions are available without cost upon written request. Material from this newsletter may be reproduced without permission, although credit to the source is appreciated.

Dean of the College  
Donald E. Rathbone  
Director, Engineering Experiment Station  
Dr. Gale Simons