

The background is a collage of various scenes related to engineering and education at Kansas State University. It includes images of a large university building, a group of students working together, a person holding a model airplane, and a close-up of hands working on a technical drawing. A large, dark purple diamond shape is overlaid on the center of the collage, containing the main text.

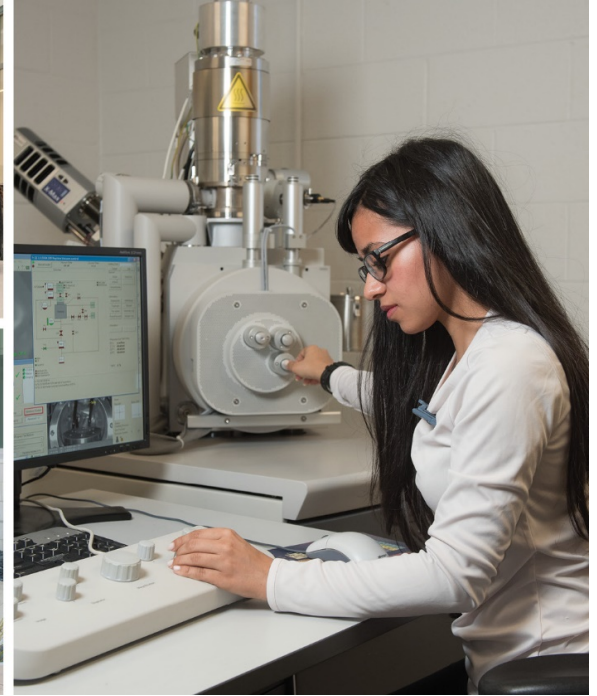
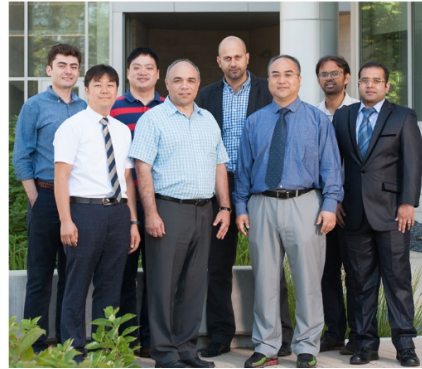
College of Engineering

2018 Fall Update with the President and Provost

K-STATE
2025

KANSAS STATE
UNIVERSITY

Goals and accomplishments



COE five-year goals (year 5)

• Publications (per TTF)	←	2 to 3	(4.12)
• Ph.D. enrollment (per TTF)	←	1.5 to 2	(2.0)
• Expenditures \$K (per TTF)	←	\$230 to \$300	(241)
• Named faculty positions	←	29 to 40	(71)
• Research infrastructure	←	7 showcases	(7)
• Fresh/Soph retention	←	69% to 75%	(78%)
• UG creative inquiry	←	250 to 400	(911)
• National faculty awards	←	10 to 15	(19)
• Increased UG degrees	←	164	(271)
• Annual giving (\$M)	←	\$18	(\$26)

Accomplishments over four years

- **Fundraising** – more than \$100M
 - increased endowed/named positions from 31 to 71
 - named the Academic Success Center
 - named two COE departments
- **Facilities**
 - upgraded atriums, hallways, classrooms and undergraduate laboratories
 - completed more than \$2M of facility upgrades to improve our research infrastructure



Accomplishments over four years

- **Financial management**

- subjected to \$3M in recurring budget reductions
- subjected to \$2.8M in one-time reductions
- augmented recurring COE budget by \$3.5M via implementation of an engineering surcharge fee
- increased cumulative departmental budgets
 - increased the number of faculty
 - increased GTA budgets
- total salaries for college-level-funded staff
 - FY19 GU load is \$275K less than FY14 GU load, excluding salaries of dean and senior associate dean.



Accomplishments over four years

- **Faculty hiring**
 - 46 high-quality faculty members
 - faculty publications prior to relocation to K-State – 556 journal papers and 823 conference papers (in total)
- **Communications**
 - print magazines – *Impact*, *Launch*, *Frontiers* and seven annual departmental magazines
 - three weekly internal e-newsletters
 - college external quarterly e-newsletter and eight departmental external annual e-newsletters
 - college and departmental web pages



K-State – KU engineering comparison

- **U.S. News & World Report rankings**

- K-State undergraduate program – 78
- K-State graduate program – 116
- KU undergraduate program – 78
- KU graduate program – 95



- **Base funding + additional funding (FY18)**

- K-State: \$22.5M for 3,732 undergraduates (\$6,000 per student)
- KU: \$23.4M for 2,445 undergraduates (\$9,600 per student)

- **Facility construction and faculty hiring**

- K-State: Added 90,000 square feet and nine faculty
- KU: Added 180,000 square feet and 30 faculty

Peer comparison for UG cost

Institution (* = K-State 2025 peer institution)	Degree program cost
Kansas State University	\$52,357
University of Kansas	\$51,774
Auburn University*	\$62,972
Clemson University*	\$90,581
Colorado State University*	\$66,119
Iowa State University*	\$52,012
Louisiana State University*	\$59,538
North Carolina State University*	\$53,003
Oklahoma State University*	\$66,509
Oregon State University*	\$38,990
University of Massachusetts – Amherst*	\$84,180
Washington State University*	\$58,169

Average degree program cost at peer institutions = \$63,207

Future priorities



Key priorities for next-five-years plan

- **Academic enterprise** – Initiate a five-year strategic planning process
- **Fundraising** – Primary fundraising goals are as follows:
 - secure large unit-naming gifts
 - increase endowed/named faculty positions
 - launch a fundraising campaign to improve the undergraduate classroom and laboratory experience

Key priorities for next-five-years plan

- **Future educational initiatives** – Determine the feasibility of the following initiatives:
 - embedded business elective sub-programs
 - UG environmental engineering degree
 - embedded computer science sub-programs
 - undergraduate online courses
 - expansion of general engineering



Key priorities for next-five-years plan

- **Future research initiatives** – Determine the feasibility of the following initiatives:
 - addition of grant-writing support
 - expansion of proposal review
 - financial incentives to recruit and increase the number of Ph.D. students
- **Facilities, communications and faculty hiring**
 - continuous improvement

Thank you!



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