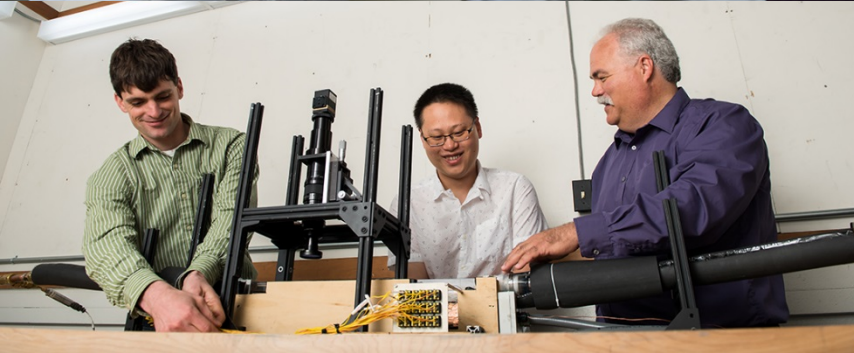
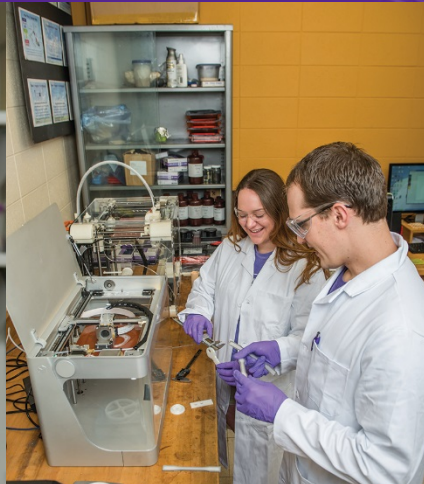

College of Engineering

K-STATE
2025

KANSAS STATE
UNIVERSITY

COE 2025 Update - 2016



The Top 50 Vision

- **University Vision:** By 2025, Kansas State University will be recognized as one of the nation's Top 50 Public Research Universities.
- **College Vision:** By 2025, the College of Engineering will be recognized as one of the nation's Top 50 Public Research Engineering Colleges.
- **Currently Ranked at 64**



The COE Five-Year Goals (Year 3)

• Publications (per TTF)	←	2 to 3	(3.1)
• Ph.D. Enrollment (per TTF)	←	1.5 to 2	(1.9)
• Expenditures (\$K per TTF)	←	\$230 to \$300	(257)
• Named Faculty Positions	←	29 to 40	(43)
• Research Infrastructure	←	7 Showcases	(5)
• Fresh/Soph Retention	←	69% to 75%	(78%)
• UG Creative Inquiry	←	250 to 400	(392)
• National Faculty Awards	←	10 to 15	(18)
• Undergrad Enrollment	←	3,350 to 3,800	(3,876)
• Annual Giving (\$M)	←	\$18	(\$19)

Undergraduate Student Quality

Number of Putnam Scholars by College Fall 2016		Percentage of Total
Salina	1	0.1%
Vet Med	1	0.1%
APD	10	1.2%
Education	15	1.8%
Ag	51	6.2%
Business	60	7.3%
Human Ecology	64	7.7%
A&S	246	29.8%
Engineering	378	45.8%
K-State Total	826	

46% of Putnam Scholars are in Engineering.

20% of K-State undergraduates are in Engineering.

Undergraduate Student Quality

Total Number of Employers Attending Career Fairs (2015- 2016)	
Design Expo	73
Agri-Industry	95
Business & Hospitality	102
Engineering	156
All University	326

Engineering has the largest number of employers attending discipline-specific career fairs by more than 50%.

Revenue from Enrollment Growth

Total Enrollment and Enrollment Change Over Last Two Years by College

A&S	Fall 2014 to Fall 2016	(6,347)	-756	Down (11%)
Education	Fall 2014 to Fall 2016	(2,106)	-147	Down (7%)
Salina	Fall 2014 to Fall 2016	(584)	-141	Down (19%)
Human Ecology	Fall 2014 to Fall 2016	(2,955)	-138	Down (4%)
Ag	Fall 2014 to Fall 2016	(3,238)	-132	Down (4%)
Business	Fall 2014 to Fall 2016	(2,869)	-35	Down (1%)
APD	Fall 2014 to Fall 2016	(711)	-10	Down (1%)
Vet Med	Fall 2014 to Fall 2016	(615)	-5	Down (1%)
Engineering	Fall 2014 to Fall 2016	(4,348)	+371	UP (9%)
K-State Total	Fall 2014 to Fall 2016	(23,779)	-987	Down (4%)

Engineering is the only college with a total enrollment increase over the last two years.

Revenue from Philanthropic Giving

Total Campaign Fundraised by College as of 10/31/16		Percentage of Total
Education	\$12M	1.3%
Salina	\$17M	1.9%
Human Ecology	\$26M	2.9%
APD	\$27M	3.0%
Vet Med	\$52M	5.7%
Ag	\$67M	7.4%
A&S	\$79M	8.7%
Business	\$91M	10.0%
Engineering	\$173M	19.0%
K-State Total	\$909M	

Engineering is the leading college in campaign philanthropic giving by almost 90%.

Research – Ph.D. Enrollment Growth

Ph.D. Enrollment and Ph.D. Enrollment Change by College Over the Last Two Years				
APD	Fall 2014 to Fall 2016	(8)	-2	Down (20%)
Ag	Fall 2014 to Fall 2016	(167)	-4	Down (2%)
Education	Fall 2014 to Fall 2016	(127)	+3	UP (2%)
Vet Med	Fall 2014 to Fall 2016	(41)	+3	UP (8%)
Human Ecology	Fall 2014 to Fall 2016	(123)	+10	UP (9%)
A&S	Fall 2014 to Fall 2016	(472)	+20	UP (4%)
Engineering	Fall 2014 to Fall 2016	(217)	+52	UP (31%)
K-State Total	Fall 2014 to Fall 2016	(1,155)	+82	UP (8%)

Engineering's Ph.D. enrollment growth has been the primary driver of K-State's Ph.D. enrollment growth.

Research – F&A Generated



	Expenditures	F&A
A&S	\$29M	\$4.5M
Ag	\$80M	\$4.1M
Engineering	\$28M	\$2.6M
Vet Med	\$19M	\$2.3M
Human Ecology	\$7M	\$1.8M
Education	\$3M	\$0.6M
K-State Total	\$166M	\$16M

Facilities and Administrative Cost (F&A)

- Standard F&A rate = 50%
- 3-year averages

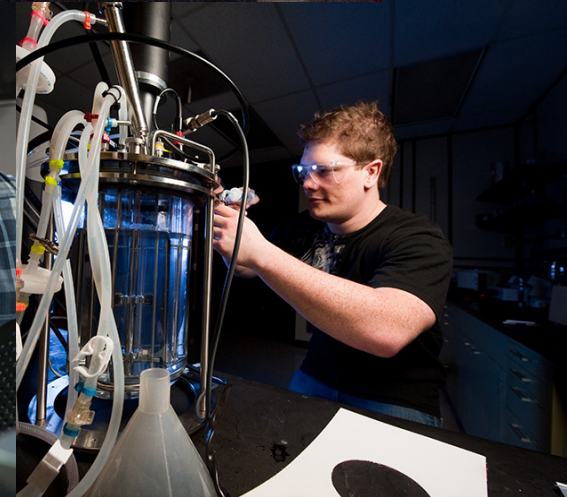
The average college-generated F&A is \$2.6M.

Engineering generates the average F&A.

K-State – KU Engineering Comparison

- U.S. News & World Report Rankings
 - K-State UGrad Program - 75
 - K-State Grad Program Ranking - 100
 - KU UGrad Program - 75
 - KU Grad Program Ranking – 98
- Base Funding + Additional Funding
 - K-State: \$22M for 3,876 UGrads (\$5,675 per student)
 - KU: \$21M for 2,448 UGrads (\$8,578 per student)
- Facility Construction
 - K-State: Added 90,000 square feet
 - KU: Added 180,000 square feet

Impact, Accomplishments & Priorities



Positive Impact of COE 2025 Plan

- COE Top 50 Vision ➔ Enrich Communication
- Metrics of COE Strategic Plan
 - Publications ➔ Enhanced Reputation
 - Ph.D. Enrollment ➔ Increased GTA Resources
 - Expenditure ➔ Catalyzed Hiring Plan
 - Endowed Positions ➔ Recruit & Retain Faculty
 - Infrastructure ➔ Recruit & Retain Faculty
 - UG Retention ➔ Activated ASC Concept
 - UG Creative Inquiry ➔ Propelled ELI Concept
 - Annual Giving ➔ Focused Philanthropy

Accomplishments

• Publications (per TTF)	←	2 to 3	(3.1)
• Ph.D. Enrollment (per TTF)	←	1.5 to 2	(1.9)
• Expenditures (\$K per TTF)	←	\$230 to \$300	(257)
• Named Faculty Positions	←	29 to 40	(43)
• Research Infrastructure	←	7 Showcases	(5)
• Fresh/Soph Retention	←	69% to 75%	(78%)
• UG Creative Inquiry	←	250 to 400	(392)
• National Faculty Awards	←	10 to 15	(18)
• Undergrad Enrollment	←	3,350 to 3,800	(3,876)
• Annual Giving (\$M)	←	\$18	(\$19)

Key Priorities for AY16-17



- Continue Faculty Hiring Plan
- Increase Ph.D. Enrollment
- Increase Research Expenditures
- Increase Education/Research Space
- Philanthropy
 - Named Faculty Positions
 - Departmental Facilities
 - ASC & ELI Programs

Thank You!

