

FACT BOOK

2009 • 2010

Vision Statement

The Kansas State University College of Engineering will be a highly ranked college providing quality education within a research environment that develops engineering leaders to benefit society.

Strategic Planning Themes

1. Recruit and retain diverse academic achievers from both inside and outside Kansas to produce graduates who will take the lead in generating technological solutions for and new knowledge about tomorrow's challenges.
2. Provide outstanding and diverse faculty and technological facilities so students receive quality teaching and advising, enabling them to become problem solvers, leaders, and critical thinkers highly sought after by universities, industry, and the government.
3. Establish focused, high-impact, nationally recognized research programs and build a prominent faculty that will enhance the college's national and international reputation.
4. Establish lifelong connections with alumni and capitalize on this network, corporate partnerships, and related research/scholarship within the college to strengthen the education experience, research/scholarship quality, and financial support of the college.
5. Prepare students and faculty for the changing global environment to create a culture of diversity, creativity, innovation, and entrepreneurship.
6. Disseminate new knowledge to a global society and the citizens of Kansas to meet the land-grant mission.

<u>Programs of Study</u>	<u>B.S.</u>	<u>M.S.</u>	<u>Ph.D.</u>
Architectural Engineering	X	X	
Biological & Agricultural Engineering	X	X	X
Biological Systems Engineering	X		
Environmental Option			
Biological Option			
Machinery Option			
Chemical Engineering	X	X	X
Civil Engineering	X	X	X
Environmental Engineering Option			
Construction Engineering Option			
Structures Option			
Computer Engineering	X		
Computer Science	X	X	X
Construction Science & Management	X		
Electrical Engineering	X	X	X
Bioengineering Option			
Engineering Management		X	
Industrial Engineering	X	X	X
Information Systems	X		
Mechanical Engineering	X	X	X
Nuclear Engineering Option			
Nuclear Engineering		X	X
Operations Research		X	
Software Engineering		X	

College Administration

Title	Name	Phone	Email
Dean	Dr. John R. English	(785) 532-5590	jenglish@ksu.edu
Associate Deans			
Senior Associate Dean	Dr. Gary A. Clark	532-5590	gac@ksu.edu
Research & Graduate Programs & Director of the Engineering Experiment Station	Dr. Byron W. Jones	532-5844	jones@ksu.edu
Senior Executive to the Dean	Dr. Richard R. Gallagher	532-5590	rrgllghr@ksu.edu
Assistant Deans			
Recruitment & Leadership Development	Prof. Thomas C. Roberts	532-5455	tcr@ksu.edu
Student Services	Mr. Larry Satzler	532-5592	larryv@ksu.edu
Directors			
Development	Ms. Kelly L. Sartorius	532-7500	kellys@found.ksu.edu
Engineering Communications	Mr. Richard L. Gardner	532-4993	richg@ksu.edu
Engineering Computing Services	Mr. Stephen J. Coulson	532-6392	sjc@ksu.edu
Multicultural Engineering Program	Ms. LaVerne Bitsie-Baldwin	532-5949	lbaldwin@ksu.edu
Women in Engineering & Science Program	Dr. Kimberly Douglas-Mankin	532-3395	kddm@ksu.edu

Departments, Centers, and Institutes

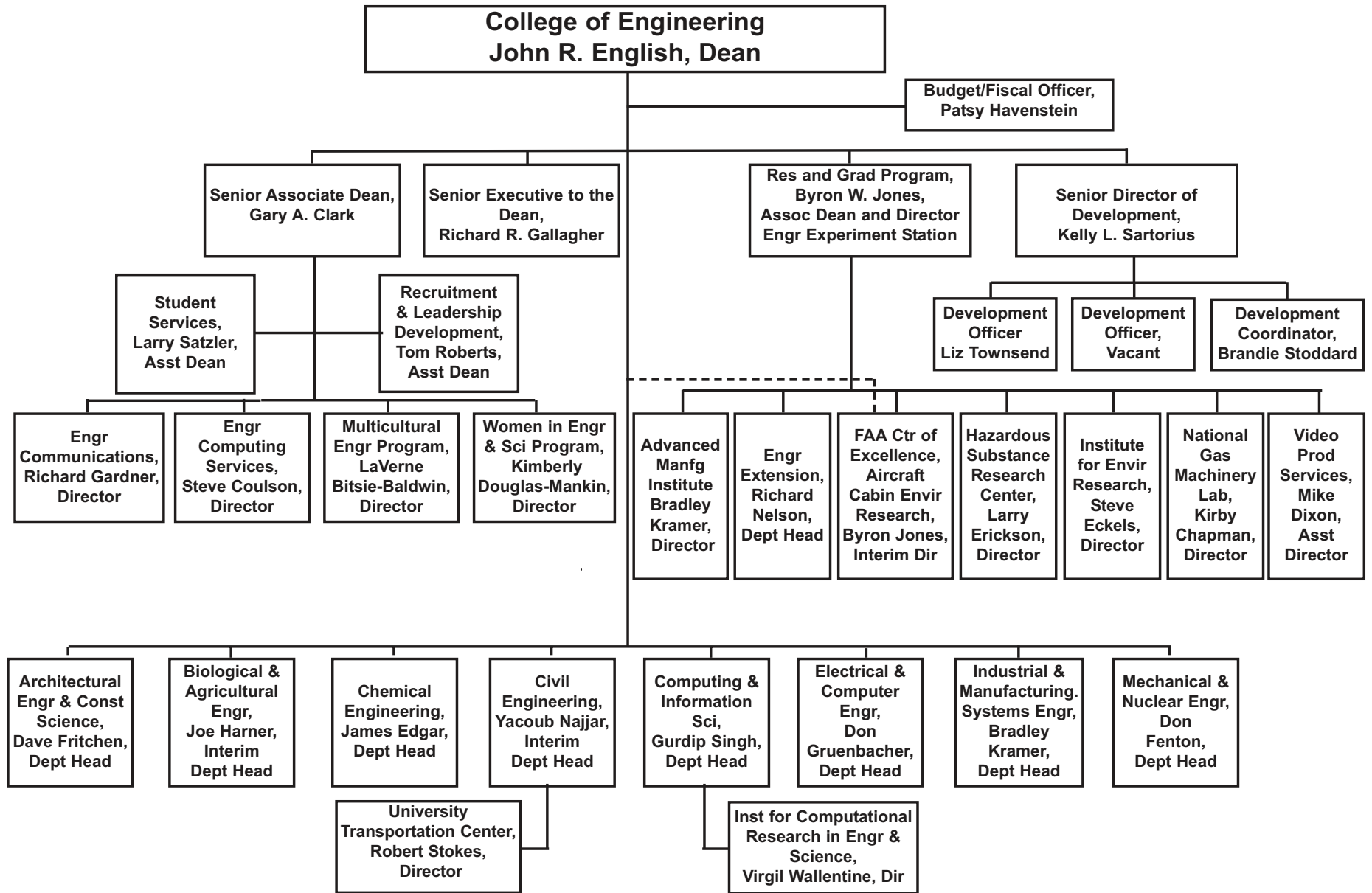
Academic Departments

	Name	Phone (785)	E-Mail
Architectural Engineering/Construction Science & Mgmt	Prof. David Fritchen	532-5964	dfritch@ksu.edu
Biological & Agricultural Engineering	Dr. Joseph Harner*	532-5580	jharner@ksu.edu
Chemical Engineering	Dr. James Edgar	532-5584	edgarjh@ksu.edu
Civil Engineering	Dr. Yacoub Najjar*	532-5862	ea4146@ksu.edu
Computing & Information Sciences	Dr. Gurdip Singh	532-6350	gurdip@ksu.edu
Electrical & Computer Engineering	Dr. Don Gruenbacher	532-5600	grue@ksu.edu
Industrial & Manufacturing Systems Engineering	Dr. Bradley Kramer	532-5606	bradleyk@ksu.edu
Mechanical & Nuclear Engineering	Dr. Donald Fenton	532-5610	fenton@ksu.edu

Centers and Institutes

Advanced Manufacturing Institute	Dr. Bradley Kramer	532-7044	bradleyk@ksu.edu
Engineering Experiment Station	Dr. Byron Jones	532-5844	jones@ksu.edu
Engineering Extension	Dr. Richard Nelson	532-6026	rnelson@ksu.edu
FAA Center of Excellence, Aircraft Cabin Envir. Research	Dr. Byron Jones*	532-5844	jones@ksu.edu
Hazardous Substance Research Center	Dr. Larry Erickson	532-6519	lerick@ksu.edu
Institute for Computational Research in Engr & Sci	Dr. Virgil Wallentine	532-6350	virg@cis.ksu.edu
Institute for Environmental Research	Dr. Steven Eckels	532-5620	eckels@ksu.edu
National Gas Machinery Laboratory	Dr. Kirby Chapman	532-2319	chapman@ksu.edu
University Transportation Center	Dr. Robert Stokes	532-5862	drbobb@ksu.edu

*Interim



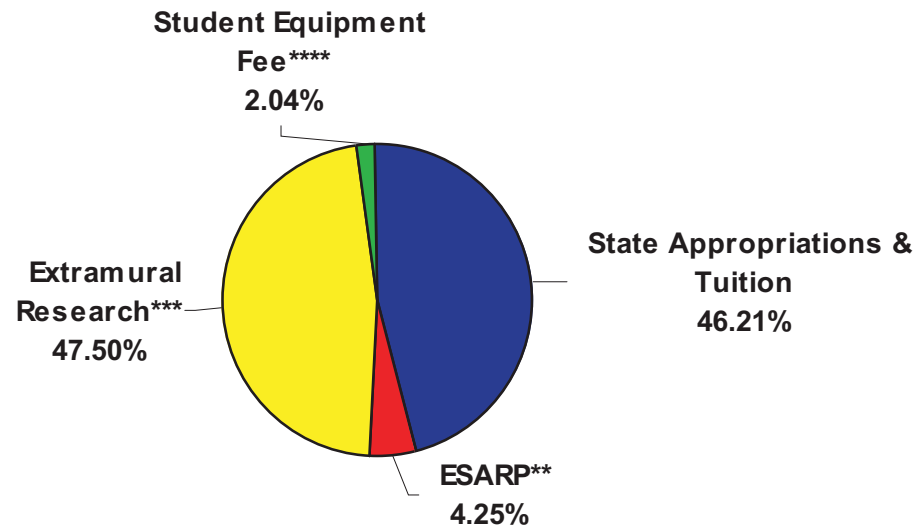
Deans of the College of Engineering

Name	Term
Edmund B. McCormick	1908 - 1913
A. A. Potter	1913 - 1920
Roy A. Seaton	1920 - 1949
M. A. Durland	1949 - 1961
John Shupe (Acting Dean)	1961 - 1963
Paul Russell	1963 - 1967
Ralph G. Nevins	1967 - 1973
Donald E. Rathbone	1973 - 1997
Terry S. King	1997 - 2006
Richard R. Gallagher (Interim Dean)	2006 - 2007
John R. English	2007 -

College of Engineering Advisory Council

<u>Member</u>	<u>Title</u>	<u>Company</u>
Randall R. Coonrod	President	Coonrod & Associates Construction Co., Inc.
Ray Dempsey, Jr.	Senior Vice President	BP
Randall D. Groves	Chief Technology Officer	Teradici Inc.
Wayne A. Harms	Vice President	ExxonMobil Upstream Ventures (East) Ltd.
Brenton L. Heidebrecht	Principal	Financo, Inc.
Mark Hutton	President	Hutton Construction Corporation.
Carl R. Ice	Executive Vice President and COO	Burlington Northern Santa Fe Railway Co.
James M. Johnson	President and CEO	GE Johnson Construction Co.
Richard M. Kerschen	President & Chairman of the Board	The Law Company, Inc.
Donna D. Kottwitz	Manager	Eni Petroleum Co., Inc.
Scott D. Love	Fellow	ConocoPhillips
Dana Mathes	Director	Dow Chemical Co.
Debra L. Miller	Secretary of Transportation	Kansas Department of Transportation
Michelle C. Munson	President	Aspera, Inc.
Thomas C. Paulson	Vice President	ConocoPhillips
Marc R. Ramsdale	Vice President	Eastman Chemical Co.
Cathy S. Ritter	President	Constellation Design Group, Inc.
Walter F. Robinson	Vice President	IP International, Inc.
Douglas G. Smith	Senior Vice President	Tetra Tech, Inc.
Alan L. Sylvester	President	GenerAction LLC
James L. Tadtman	President	Wildcat Construction Co., Inc.
Steven M. Theede	Retired CEO	Yukos Oil Co.
Susan C. Tholstrup	Manager	Shell Exploration & Production Co.
Greg Tucker	Senior Vice President	Copart, Inc.
Mike Valentine	Executive Vice President	Cerner Corporation
Lewis Von Thae	Vice President	General Dynamics Corporation

Revenue, 2009 (excluding gifts)



REVENUE	2004-05		2005-06		2006-07		2007-08		2008-09*	
State Appropriations & Tuition	\$16,938,898	46.57%	\$17,427,868	45.34%	\$18,354,749	44.62%	\$19,170,968	47.48%	\$19,512,839	46.21%
ESARP**	1,604,682	4.41%	1,665,840	4.33%	1,735,408	4.22%	1,802,816	4.46%	1,796,414	4.25%
Extramural Research***	17,196,984	47.27%	18,687,204	48.62%	20,390,738	49.57%	18,749,905	46.43%	20,054,229	47.50%
Student Equipment Fee****	635,961	1.75%	653,455	1.71%	653,931	1.59%	657,256	1.63%	860,648	2.04%
Total	\$36,376,525		\$38,434,367		\$41,134,826		\$40,380,945		\$42,224,130	

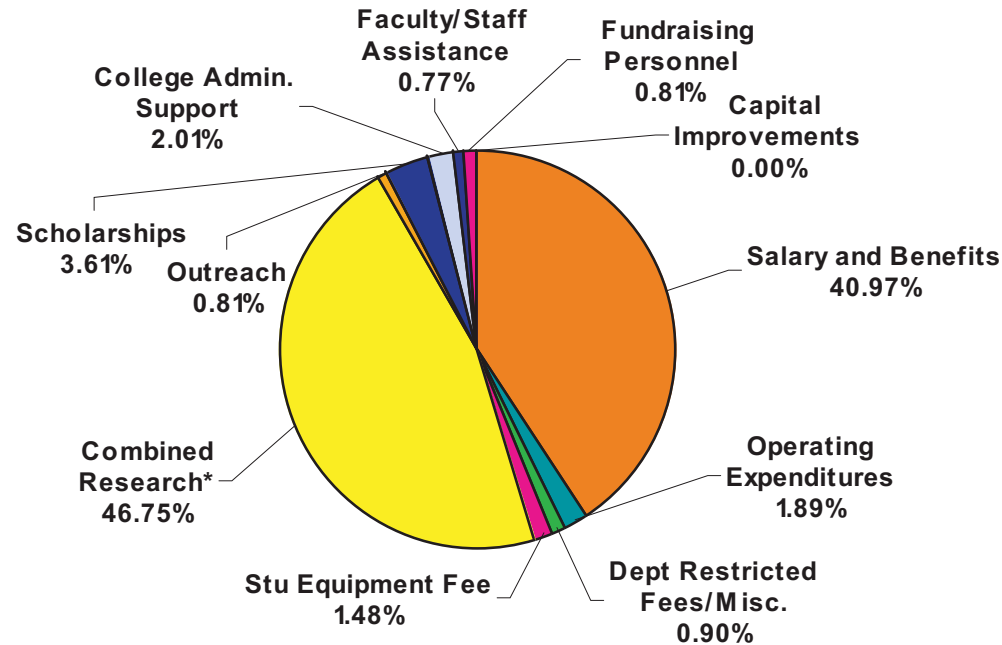
* In 2008-09, State Appropriations & Tuition were budgeted at \$19,963,972 and then reduced by a \$451,133 one time call-back. ESARP was budgeted at \$1,857,410 and then reduced by a \$60,996 one time call-back. .

** Extension Systems and Agricultural Research Programs (ESARP)

*** Actual Expenditures (ESARP not included)

**** Actual Revenue Received

Expenditures, 2009



	2004-05		2005-06		2006-07		2007-08		2008-09	
EXPENDITURES										
Salary and Benefits (GU)	\$15,913,111	39.81%	\$16,531,443	40.15%	\$17,411,581	39.14%	\$17,763,027	40.75%	\$18,473,388	40.97%
Operating Expenditures (GU)	831,548	2.08%	1,148,670	2.79%	1,169,250	2.63%	1,202,718	2.76%	853,702	1.89%
Dept Restricted Fees/Misc.	481,346	1.20%	103,165	0.25%	347,724	0.78%	387,178	0.89%	407,912	0.90%
Student Equipment Fee	803,927	2.01%	709,684	1.72%	650,785	1.46%	554,006	1.27%	669,603	1.48%
Research*	17,691,957	44.25%	19,314,848	46.91%	20,973,156	47.15%	19,527,464	44.80%	20,920,206	46.41%
Outreach	313,357	0.78%	358,603	0.87%	350,902	0.79%	370,108	0.85%	367,365	0.81%
Total University Expenditures	36,035,246	90.13%	38,166,413	92.69%	40,903,398	91.95%	39,804,501	91.32%	42,059,529	93.27%
Research*	313,336	0.79%	207,990	0.51%	292,978	0.66%	285,386	0.65%	154,416	0.34%
Scholarships	***898,497	2.25%	***1,110,735	2.70%	***1,198,142	2.68%	***1,545,511	3.56%	***1,630,086	3.61%
College Admin. Support**	622,366	1.56%	794,645	1.93%	917,068	2.06%	1,047,646	2.40%	907,910	2.01%
Faculty/Staff Assistance	197,243	0.49%	128,153	0.31%	243,705	0.55%	349,104	0.80%	347,356	0.77%
Fundraising Personnel****	289,589	0.72%	368,075	0.89%	314,278	0.71%	393,250	0.90%	367,353	0.81%
Capital Improvements	1,624,347	4.06%	399,860	.97%	616,667	1.39%	161,073	0.37%	647	0.00%
Total Foundation Expenditures	3,945,378	9.87%	3,009,458	7.31%	3,582,838	8.05%	3,781,970	8.68%	3,040,415	6.73%
Grand Total Expenditures	\$39,980,624		\$41,175,871		\$44,486,236		\$43,586,471		\$45,099,944	

* Includes all expenditures for extramurally sponsored research, regardless of category. AES is included. Ag Extension is not included.

** Includes travel, equipment, hospitality, and other operating expenditures.

*** Includes an infusion of \$52,967 (2004-05), \$35,623 (2005-06), \$7,500 (2006-07) & \$10,500 (2007-08 & 2008-09) from other sources.

****Fundraising Personnel expenditures were paid with University funds in 2008-09.

Statement of Development

Revenue	FY2005	FY2006	FY2007	FY2008	FY2009
Contributions - Expendable	\$1,907,777	\$2,294,715	\$3,017,565	\$3,826,604	\$3,266,507
Contributions - Endowed	3,011,130	1,609,725	3,983,702	2,407,050	7,348,918
Investment Income:					
Expendable	787,285	1,167,454	1,342,185	1,617,592	1,066,657
Endowed (reinvestment)	189,378	84,070	13,250	35,073	686,786
Market Value Adjustment	1,791,442	1,913,183	4,298,670	-1,665,628	-10,971,855
Subtotal Investment Income	2,768,105	3,164,707	5,654,105	-12,963	-9,218,412
Other Revenue (not contributions)	83,638	75,989	64,463	79,783	103,025
Total Revenue	\$7,770,650	\$7,145,136	\$12,719,835	\$6,300,474	\$1,500,038
Expenses					
Scholarships*	\$845,530	1,075,112	\$1,190,642	1,535,011	1,619,586
Other College Support (includes faculty/staff assistance, travel, equipment & other misc expenditures.)	1,132,945	1,130,788	1,453,751	1,682,136	1,409,682
Capital Improvement	1,624,347	399,860	616,667	161,073	647
Development Costs	289,589	368,075	314,278	393,250	**0
Total Expenses	\$3,892,411	\$2,973,835	\$3,575,338	\$3,771,470	\$3,029,915
Revenue minus Expenses	\$3,878,239	\$4,171,301	\$9,144,497	\$2,529,004	\$-1,529,877

Note: Gifts-in-kind and deferred gifts are not included. Gifts-in-kind for FY05 \$2,948,127, FY06 \$3,259,714, FY07 \$3,239,897, FY08 \$3,413,682 and FY09 \$3,438,570.

* Actual Scholarships were higher with differences paid from another source; FY05 \$898,497, FY06 \$1,110,735, FY07 \$1,198,142, FY08 \$1,545,511 and FY09 \$1,630,086.

** Development Costs were paid from a University account in the amount of \$367,353.

Statement of Development Financial Position

Funds Held with the KSU Foundation

	Market Value June 30, 2005	Market Value June 30, 2006	Market Value June 30, 2007	Market Value June 30, 2008	Market Value June 30, 2009
Cash and Cash Equivalents - Expendable	3,237,715	\$4,234,402	\$5,422,523	\$7,539,668	\$9,319,315
Pooled Investment Funds - Endowed	28,166,943	30,884,671	39,346,001	39,837,183	30,873,792
Other Investments (Short term & CD)	-	493,000	37,500	-	-
Real Estate Contracts	-	-	-	-	-
Student Loans	492	992	2,368	-	-
Real Estate & Other Depreciable Properties	71,339	34,724	65,892	41,652	3,581
Other Assets & Accrued Income	-	-	374	132	1
Total Fund Balances	\$31,476,489	\$35,647,789	\$44,874,658	\$47,418,635	\$40,196,689
Scholarship Endowments (included in Pooled Investment Funds above)	\$15,772,387	\$18,521,546	\$24,293,976	\$24,498,826	\$19,129,705

FY2009 Extramural Research Expenditures By Department

Department	Department Expenditures	Center Expenditures Allocated to Departments	AES Expenditures by Department	Total Department Expenditures
Architectural Engr/Construction Science	\$0	-	-	\$0
Biological & Agricultural Engineering*	2,971,446	73,515	827,771	3,872,732
Chemical Engineering	1,367,473	1,070,600	101,849	2,539,922
Civil Engineering	2,137,402	-	90,773	2,228,175
Computing & Information Sciences	1,781,169	-	-	1,781,169
Electrical & Computer Engineering**	1,304,626	-	-	1,304,626
Engineering Experiment Station	33,477	-	-	33,477
Engineering Extension	972,265	-	-	972,265
Industrial & Manufacturing Systems Engr	546,414	2,583,787	-	3,130,201
Mechanical & Nuclear Engineering	2,588,296	2,113,338	-	4,701,634
Women in Engineering & Science Programs	510,421	-	-	510,421
Total Research Expenditures	\$14,212,989	\$5,841,240	\$1,020,393	\$21,074,622

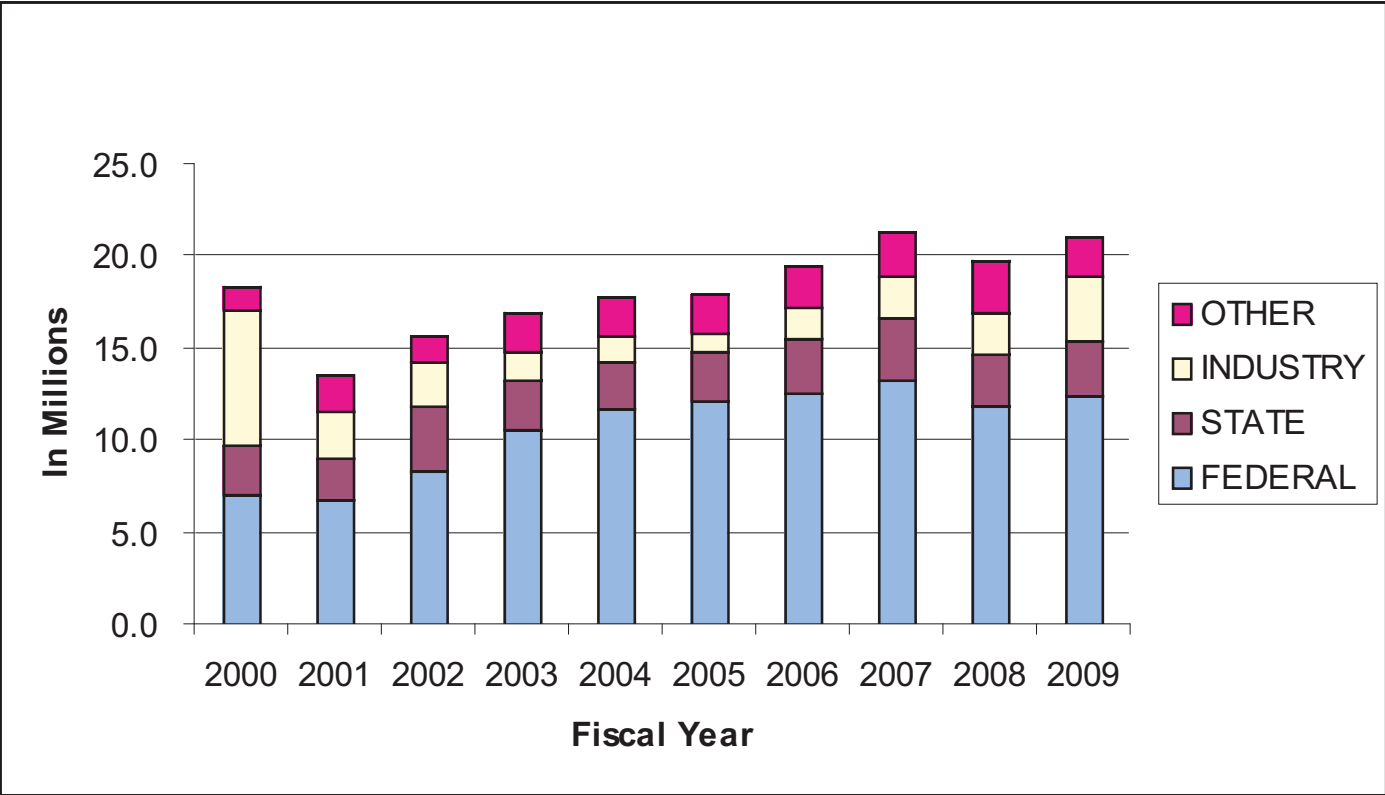
FY 2009 Extramural Research Expenditures By Centers

Center	Center Expenditures
Advanced Manufacturing Institute	\$2,870,874
Hazardous Substance Research	997,086
Institute for Environmental Research	1,319,257
National Gas Machinery Laboratory***	654,023
Total Center Expenditures	\$5,841,240

* Agriculture Extension in the amount of \$892,169 is not included.

** Includes \$100,000 Gift-in-Kind. *** Includes \$15,000 Gift-in-Kind.

Extramural Research Expenditures by Source



Other expenditures include Faculty Development Awards, Program Income Accounts and Not-For-Profit Agencies.

Faculty by Rank

Fall Payroll Headcount

	2004	2005	2006	2007	2008	2009
Tenured						
Professor	60	58	62	63	64	62
Associate Professor	34	40	41	43	45	45
Assistant Professor	2	1	1	1	0	1
Instructor	0	0	0	0	0	0
Total	96	99	104	107	109	108
Probationary						
Professor	0	0	0	0	0	0
Associate Professor	2	4	4	3	3	3
Assistant Professor	23	22	22	20	17	15
Instructor	0	0	0	0	0	0
Total	25	26	26	23	20	18
Non-Tenure Track						
Professor	0	0	0	0	0	0
Associate Professor	3	3	3	3	3	3
Assistant Professor	1	0	2	1	0	1
Instructor	24	17	23	20	18	14
Total	28	20	28	24	21	18
Overall Summary						
Professor	60	58	62	63	64	62
Associate Professor	39	47	48	49	51	51
Assistant Professor	26	23	25	22	17	17
Instructor	24	17	23	20	18	14
Total Faculty	149	145	158	154	150	144

Faculty by Gender

Fall Payroll Headcount

	2004		2005		2006		2007		2008		2009	
	#	%	#	%	#	%	#	%	#	%	#	%
Tenured												
Female	5	5.2%	6	6.1%	7	6.7%	8	7.5%	11	10.1%	12	11.1%
Male	91	94.8%	93	93.9%	97	93.3%	99	92.5%	98	89.9%	96	88.9%
Total	96		99		104		107		109		108	
Probationary												
Female	4	16.0%	7	26.9%	8	30.8%	8	34.8%	6	30.0%	4	22.2%
Male	21	84.0%	19	73.1%	18	69.2%	15	65.2%	14	70.0%	14	77.8%
Total	25		26		26		23		20		18	
Non-Tenure Track												
Female	10	35.7%	8	40.0%	10	35.7%	9	37.5%	5	23.8%	5	27.8%
Male	18	64.3%	12	60.0%	18	64.3%	15	62.5%	16	76.2%	13	72.2%
Total	28		20		28		24		21		18	
Summary												
Total Females	19	12.8%	21	14.5%	25	15.8%	25	16.2%	22	14.7%	21	14.6%
Total Males	130	87.2%	124	85.5%	133	84.2%	129	83.8%	128	85.3%	123	85.4%
Overall Total	149		145		158		154		150		144	

Head Count by Department

Fall, 2009 Data

Department	Tenured, Tenure-Track				Non Tenure-Track				Total
	Professor	Assoc Prof	Assist Prof	Total	Assoc Prof	Assist Prof	Instructor	Total	
Architectural Engr/Const Sci	4	4	5	13	-	1	3*	4	17
Biological & Agricultural Engr	9	4	2	15	-	-	1	1	16
Chemical Engineering	8	1	2	11	-	-	-	-	11
Civil Engineering	6	7	1	14	-	-	1*	1	15
Computing & Information Sci	6	8	2	16	-	-	2	2	18
Electrical & Computer Engr	9	10	-	19	1	-	-	1	20
Industrial & Manf Systems Engr	5	5	-	10	-	-	1	1	11
Mechanical & Nuclear Engr	11	8	4	23	-	-	-	-	23
Dean's Office	4	1	-	5	1	-	-	1	6
Engr Extension	-	-	-	-	1	-	6	7	7
Total	62	48	16	126	3	1	14	18	144

FTE by Department

Fall, 2009 Data

Department	Tenured, Tenure-Track				Non Tenure-Track				Total
	Professor	Assoc Prof	Assist Prof	Total	Assoc Prof	Assist Prof	Instructor	Total	
Architectural Engr/Const Sci	4.00	4.00	5.00	13.00	-	1.00	3.00	4.00	17.00
Biological & Agricultural Engr	8.40	4.00	2.00	14.40	-	-	1.00	1.00	15.40
Chemical Engineering	6.60	1.00	2.00	9.60	-	-	-	-	9.60
Civil Engineering	6.00	7.00	1.00	14.00	-	-	1.00	1.00	15.00
Computing & Information Sci	6.00	7.50	2.00	15.50	-	-	1.50	1.50	17.00
Electrical & Computer Engr	9.00	9.50	-	18.50	.40	-	-	.40	18.90
Industrial & Manf Systems Engr	5.00	5.00	-	10.00	-	-	1.00	1.00	11.00
Mechanical & Nuclear Engr	11.00	7.50	4.00	22.50	-	-	-	-	22.50
Dean's Office	4.00	1.00	-	5.00	1.00	-	-	1.00	6.00
Engr Extension	-	-	-	-	1.00	-	6.00	7.00	7.00
Total	60.00	46.50	16.00	122.50	2.40	1.00	13.50	16.90	139.40

* Two instructors have split appointments between Architectural Engr/Const Sci and Civil Engr. One reported as Architectural Engr/Const Sci and one reported as Civil Engr.

Faculty Salary by Rank*

Total College		FY05	FY06	FY07	FY08	FY09	FY10
	Number	49	48	52	51	53	51
PROFESSOR	Maximum	\$130,926	\$155,298	\$158,400	\$161,720	\$168,360	\$171,010
	Minimum	65,274	67,207	66,900	68,070	69,126	69,126
	Average	92,884	97,868	101,639	105,642	110,631	114,153
	Number	35	41	43	44	47	47
ASSOC PROF	Maximum	\$105,220	\$98,758	\$96,472	\$98,845	\$107,962	\$106,962
	Minimum	58,286	59,753	64,031	65,356	66,736	66,736
	Average	77,993	80,388	82,269	84,201	86,620	86,467
	Number	25	22	22	21	17	16
ASSIST PROF	Maximum	\$79,642	\$77,801	\$81,000	\$83,600	\$88,144	\$84,618
	Minimum	56,187	55,000	57,000	58,140	61,313	57,873
	Average	66,458	66,786	69,521	70,890	74,273	71,490
	Number	8	6	8	7	6	4
INSTRUCTOR	Maximum	\$55,861	\$56,344	\$57,000	\$58,125	\$62,500	\$58,500
	Minimum	35,927	36,882	37,653	40,524	41,790	41,790
	Average	50,655	49,075	51,332	51,833	56,183	53,806

*All 12 month salaries have been converted to 9 months and part-time individuals are calculated at full time rate.

Additional pay for awards, chairs, and professorships is included.

Excludes dean, associate deans, assistant deans, department heads, and temporary employees.

(Source - University Budget; fall, 2009)

Kansas State University and Big 12 Universities Average Salary Comparison by Rank - Fall 2008

Department	Rank	Kansas State University		Big 12		APLU**	
		Average Salary	No. of Faculty	Average Salary	No. of Faculty	Average Salary	% Deficit
Architectural Engr/Construction Science	Professor	105,448	4	115,537	2	111,506	5.7
	Associate Professor	82,630	3	105,202	3	94,235	14.0
	Assistant Professor	67,965	6	85,434	3	80,560	18.5
	Instructor	53,861	5	-	-	-	-
Biological and Agricultural Engineering*	Professor	102,489	6	108,939	30	105,376	2.8
	Associate Professor	78,026	4	85,811	23	82,682	6.0
	Assistant Professor	66,706	2	72,159	30	72,037	8.0
	Instructor	58,000	1	-	-	51,140	-11.8
Chemical Engineering	Professor	127,093	5	138,868	74	134,443	5.8
	Associate Professor	99,200	1	94,792	35	93,181	-6.1
	Assistant Professor	80,088	3	82,996	34	81,171	1.4
	Instructor	-	-	-	-	45,245	-
Civil Engineering	Professor	110,578	6	127,126	95	123,738	11.9
	Associate Professor	81,603	7	91,294	73	89,696	9.9
	Assistant Professor	67,566	1	78,495	53	77,582	14.8
	Instructor	52,608	1	57,000	1	52,985	.7
Computing and Information Sciences	Professor	127,057	7	133,418	50	134,250	5.7
	Associate Professor	91,855	6	99,117	27	99,115	7.9
	Assistant Professor	84,986	3	88,201	22	87,685	3.2
	Instructor	51,432	1	-	-	54,446	5.9
Electrical and Computer Engineering	Professor	112,868	8	131,866	157	132,467	17.4
	Associate Professor	92,024	9	95,530	89	95,952	4.3
	Assistant Professor	-	-	83,890	108	83,987	-
	Instructor	-	-	-	-	57,826	-
Industrial and Manufacturing Systems Engr	Professor	120,384	4	124,874	34	132,127	9.8
	Associate Professor	87,116	6	93,429	29	91,570	5.1
	Assistant Professor	-	-	76,321	24	76,798	-
	Instructor	41,790	1	-	-	50,739	21.4
Mechanical and Nuclear Engineering	Professor	110,116	11	128,433	117	126,498	14.9
	Associate Professor	87,392	9	91,198	79	92,101	5.4
	Assistant Professor	70,183	2	80,896	79	79,985	14.0
	Instructor	-	-	45,900	2	52,479	-

* Only BAE Faculty who have teaching and/or research as part of their appointment.

**The Association of Public and Land-grant Universities (APLU) was known as National Association of State Universities and Land-Grant Colleges (NASULGC).

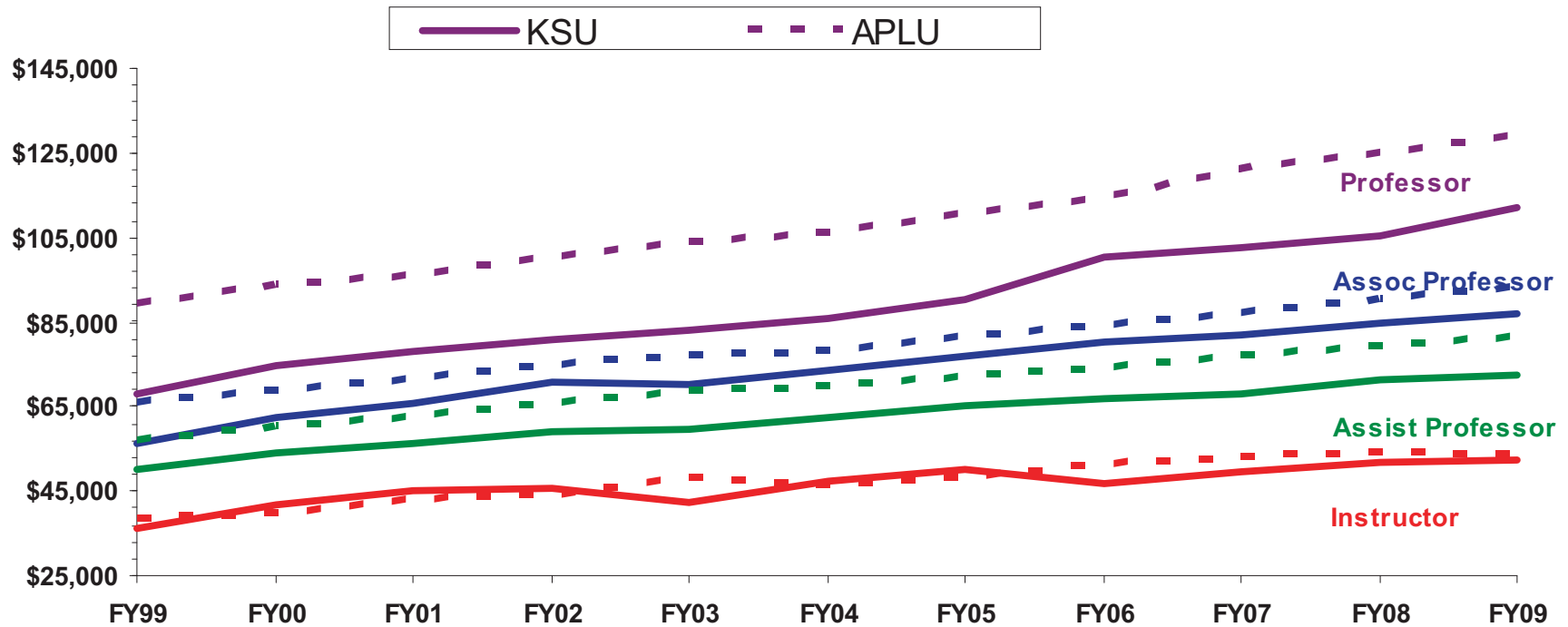
Notes: Temporary employees are included. Part-time employees, and deans are not included.

% Deficit Complies with the methodology used by the KS Board of Regents. (Source - Planning and Analysis)

Faculty Service Allocation (FTE) - Spring 2009

Department	Instruction	Research	Service & Administration	Total	GTA	Total w/GTA
Architectural Engr/Const Sci						
Number	14.55	0.65	2.80	18.00	0.00	18.00
% of College	20.57%	1.89%	10.16%	13.56%	0.00%	11.84%
Biological & Agricultural Engr						
Number	4.94	3.84	6.42	15.20	0.00	15.20
% of College	6.98%	11.14%	23.29%	11.45%	0.00%	10.00%
Chemical Engineering						
Number	4.45	4.40	1.75	10.60	0.00	10.60
% of College	6.29%	12.77%	6.35%	7.98%	0.00%	6.98%
Civil Engineering						
Number	7.76	5.03	2.21	15.00	.60	15.60
% of College	10.97%	14.60%	8.02%	11.30%	3.12%	10.27%
Computing & Information Sci						
Number	8.75	6.15	1.90	16.80	12.80	29.60
% of College	12.37%	17.85%	6.89%	12.66%	66.60%	19.48%
Electrical & Computer Engr						
Number	10.96	3.16	3.63	17.75	3.62	21.37
% of College	15.50%	9.17%	13.17%	13.37%	18.83%	14.06%
Industrial & Manf Systems Engr						
Number	6.40	2.50	1.60	10.50	.40	10.90
% of College	9.05%	7.25%	5.81%	7.91%	2.08%	7.17%
Mechanical & Nuclear Engr						
Number	11.67	8.63	1.85	22.15	1.40	23.55
% of College	16.50%	25.04%	6.72%	16.69%	7.28%	15.50%
College Administration						
Number	1.25	.10	5.40	6.75	0.40	7.15
% of College	1.77%	0.29%	19.59%	5.08%	2.08%	4.70%
Total College						
Number	70.73	34.46	27.56	132.75	19.22	151.97
College Average	8.69	4.30	2.77	15.75	2.35	18.10

College Administration is Dean, Associate Deans, Assistant Deans, & the Director of WESP. College Administration is excluded from College Average.



Faculty salary survey of institutions belonging to the Association of Public and Land-Grant Universities (APLU) Note: Previously known as NASULGC.

Note: FY2009 salary information for APLU is unavailable

Fall 2008 KSU and APLU (Previously known as NASULGC) Comparisons (presented using weighted averages)

	Professor	Assoc Professor	Assist Professor	Instructor	All Ranks
KSU	\$112,216	\$87,089	\$72,365	\$52,571	\$ 93,151
APLU	\$128,824	\$93,193	\$81,146	\$53,695	\$106,004
% Deficit	14.8	7.0	12.1	2.1	13.8

Chairs and Professorships

Tom Barrett Chemical Engineering Chair, Open

John W. and Dorothy M. Burke Architectural Engineering Chair, *Professor David Fritchen*

Dow Multicultural Engineering Program Director, *Ms. LaVerne Bitsie-Baldwin*

Martin K. Eby Professorship in Civil or Architectural Engr or Construction Sci,

Professor Raphael Yunk

Ike and Letty Evans Engineering Chair, *Dr. Bradley Kramer*

George J. and Alice D. Fiedler Chair in Electrical and Computer Engineering, *Dr. Don Gruenbacher*

Charles and Nona Frankenhoff Engineering Chair, *Dr. Mohammad Hosni*

William H. Honstead Professorship in Chemical Engineering, Open

Mark H. and Margaret H. Hulings Chair in Engineering, *Dr. L.T. Fan*

G. E. Johnson Construction Science Chair, *Professor Carl Riblett*

Clair N. and Sara M. Palmer Professorship of Electrical Engineering, Open

LeRoy C. and Aileen H. Paslay Chair in Engineering, *Dean John R. English*

LeRoy C. and Aileen H. Paslay Professorship in Electrical and Computer Engineering,

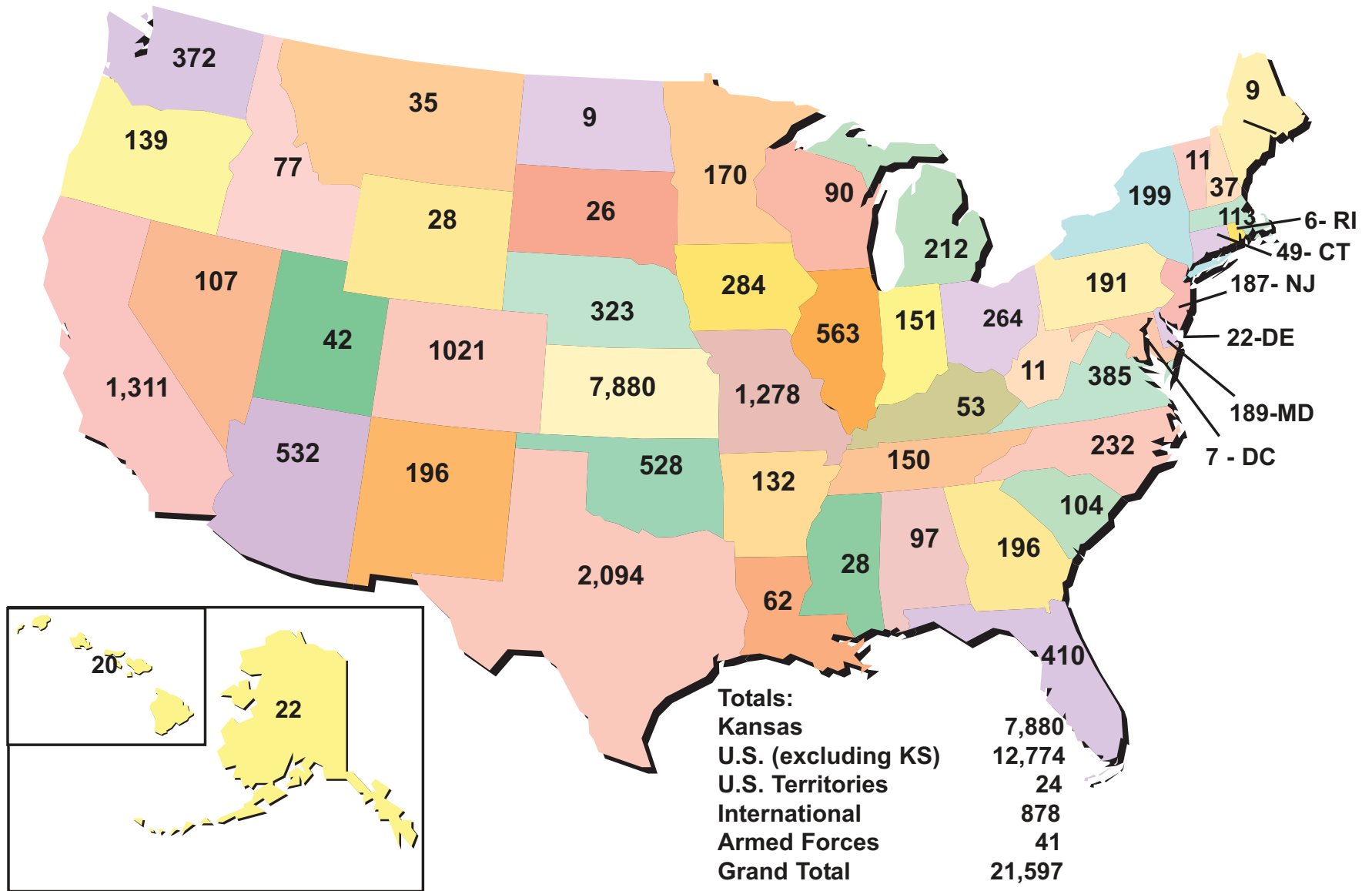
Dr. Noel Schulz

Spainhour Family Chair for Women in Engineering and Science, *Dr. Kimberly Douglas-Mankin*

Tointon Construction Management Chair, *Professor Charles Burton*

Bob and Betty Tointon Engineering Chair, *Dr. David Schmidt*

Living Alumni



Living Alumni by Country

Country	Total	Country	Total	Country	Total	Country	Total
Algeria	0	England - see UK		Libyan Arab Jamahiriya	3	South Africa	5
Argentina	2	Ethiopia	2	Malaysia	35	South Korea - see Korea	0
Australia	10	France	18	Mali	4	Spain	3
Austria	2	Germany	12	Mexico	9	Sri Lanka	3
Bahrain	3	Ghana	2	Nepal	1	Sudan	2
Bangladesh	4	Greece	3	Netherlands	2	Swaziland	2
Belgium	5	Grenada	1	Netherlands Antilles	1	Sweden	2
Belize	1	Honduras	2	New Zealand	3	Switzerland	5
Bolivia	5	Hong Kong	6	Nicaragua	3	Syria	2
Bosnia-Herzegovina	1	Iceland	1	Nigeria	26	Taiwan	69
Botswana	1	India	182	Norway	2	Tanzania	2
Brazil	3	Indonesia	11	Pakistan	24	Thailand	19
Canada	47	Iran	23	Panama	5	Tunisia	1
Chile	1	Iraq	7	Paraguay	7	Turkey	11
China	26	Ireland	2	Peru	3	Uganda	2
Columbia	6	Israel	2	Philippines	12	United Arab Emirates	7
Costa Rica	23	Japan	14	Qatar	3	United Kingdom (UK)	20
Cyprus	6	Jordan	15	Romania	2	United States & Territories	20,719
Czech Republic	5	Korea	32	Russian Federation	2	Venezuela	9
Denmark	1	Kuwait	16	Saudi Arabia	16	West Bank	1
Ecuador	2	Lebanon	6	Scotland	2	Yemen	6
Egypt	15	Lesotho	2	Singapore	13	Yugoslavia	1
						Total Engineering	21,597

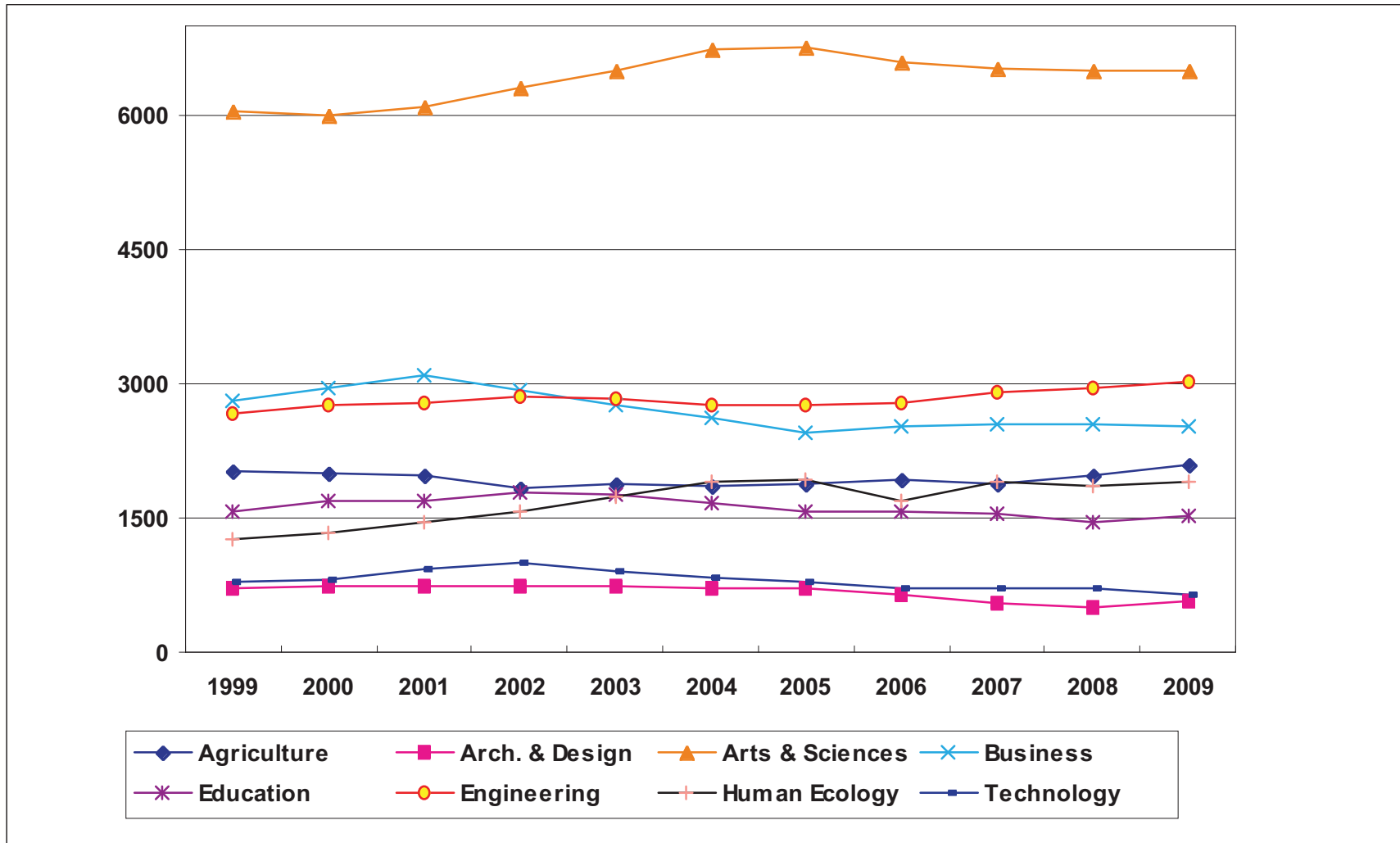
Source: Alumni Association

Total Alumni by Department

Department	Number	Percent
Architectural Engineering/Construction Science	3,588	11.6%
Biological & Agricultural Engineering	1,207	3.9%
Chemical Engineering	1,942	6.3%
Civil Engineering	3,377	10.9%
Computing & Information Sciences	4,261	13.8%
Electrical & Computer Engineering	6,373	20.6%
Engineering	267	.9%
Engineering Technology	961	3.1%
Industrial & Manufacturing Systems Engineering	2,427	7.8%
Mechanical & Nuclear Engineering	6,177	20.0%
Other	379	1.1%
Total	30,959	100.0%

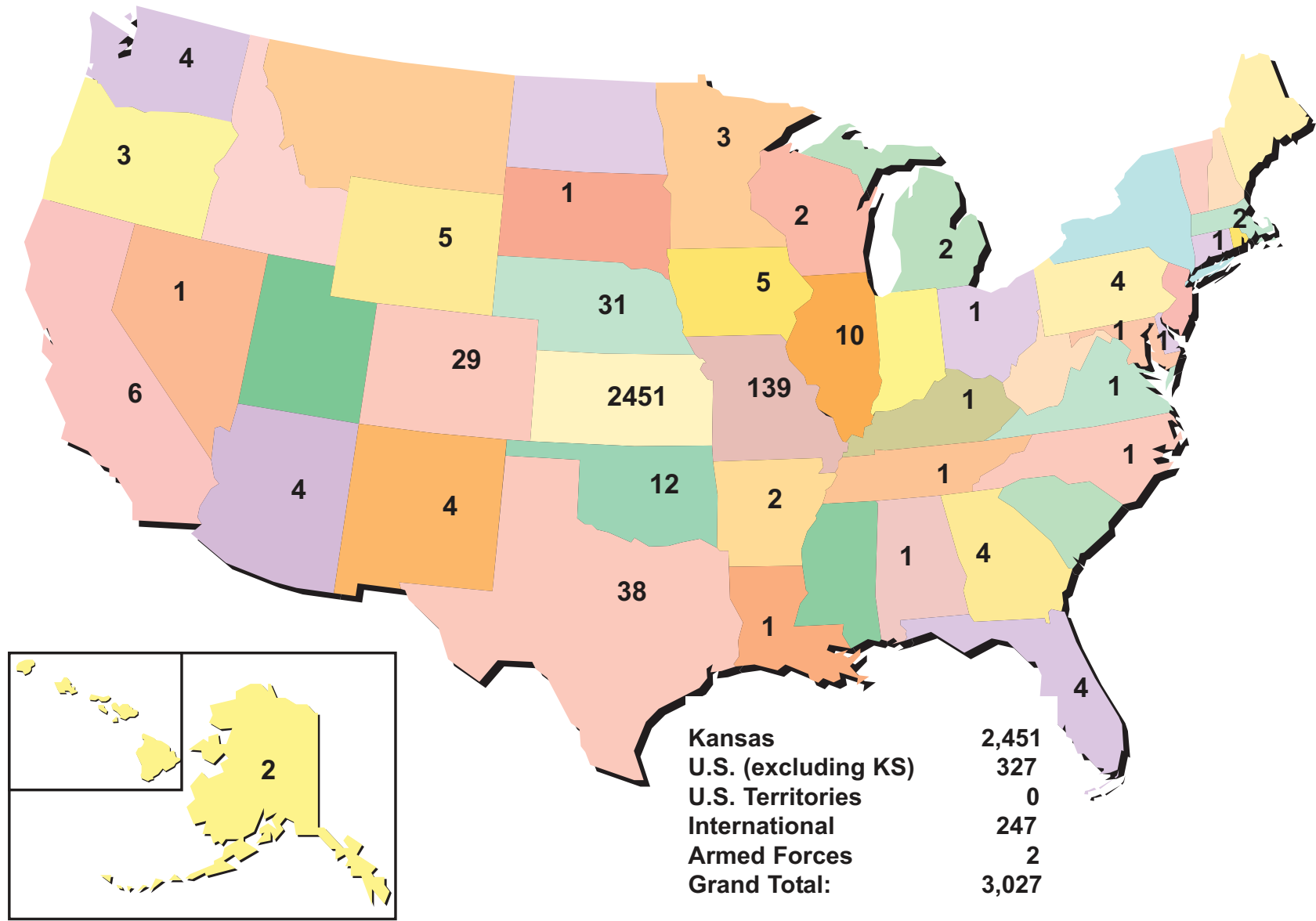
Source: Alumni Association

Undergraduate Enrollment by College, 1999-2009



Note: On and off campus students
 Source: 20 day reports

Undergraduate Students by State



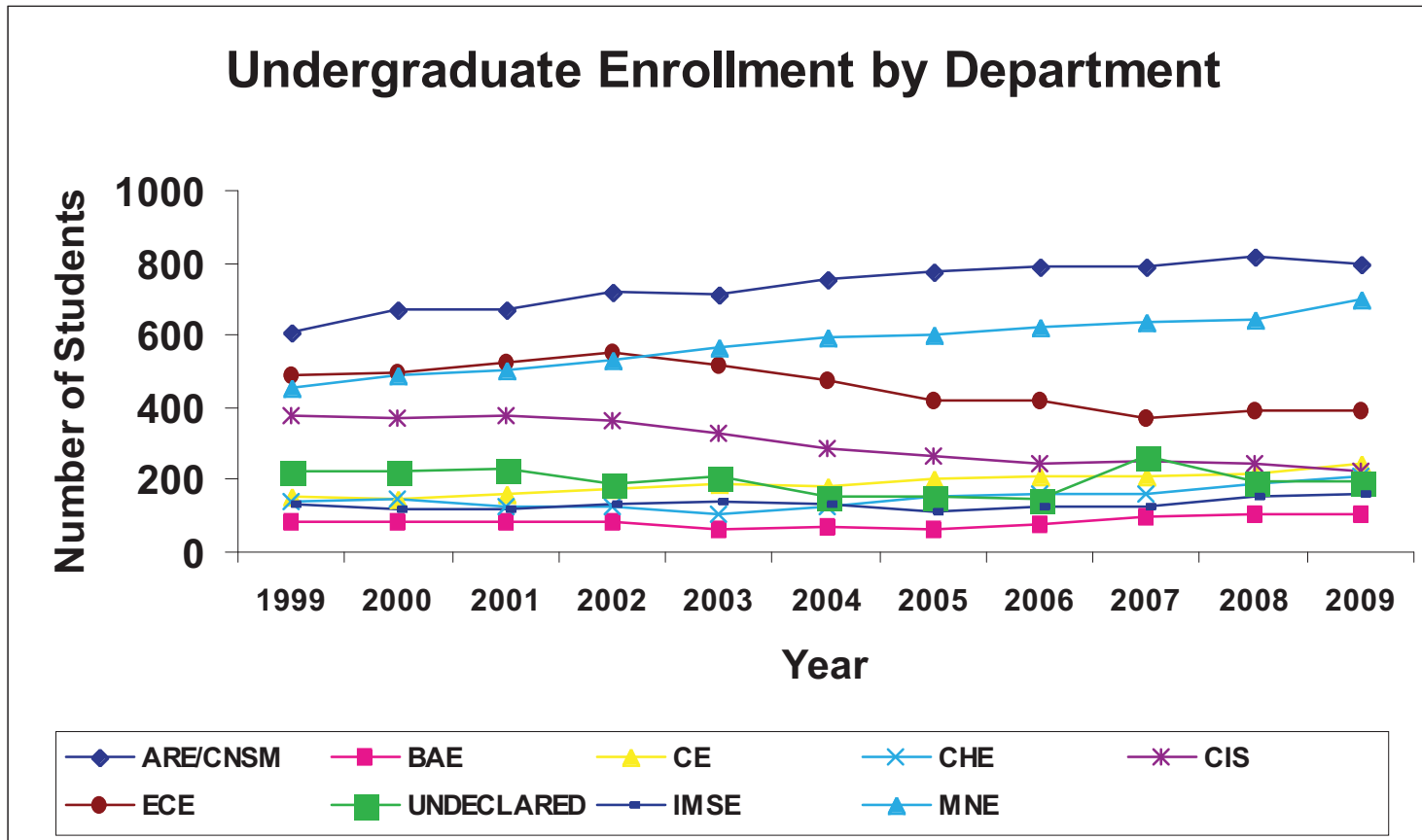
Enrollment by Department, 2005–2009

Department	2005			2006			2007			2008			2009		
	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.
Architectural Engr/Const Science	777	29	---	790	31	---	788	19	---	821	10	---	795	21	---
Biological & Agricultural Engineering*	64	10	16	76	17	16	95	11	16	106	9	18	105	14	16
Chemical Engineering	156	17	11	162	11	13	160	12	16	192	19	17	209	20	17
Civil Engineering	206	37	16	208	44	15	210	53	10	217	58	9	247	83	6
Computing & Information Sciences	264	89	17	244	94	19	251	108	21	243	99	27	227	94	25
Electrical & Computer Engineering	423	55	12	422	59	13	370	64	21	393	79	20	389	84	15
Industrial & Manf. Systems Engineering	114	36	10	123	49	11	125	55	8	153	47	12	161	73	13
Mechanical & Nuclear Engineering	600	35	23	624	42	19	638	47	24	641	46	26	696	56	30
Undeclared	151	---	---	145	---	---	264	---	---	194	---	---	198	---	---
TOTAL	2755	308	105	2794	347	106	2901	369	116	2960	367	129	3027	445	122

* Biological and Agricultural Engineering enrollments do not include ATM students.

Source: 20 day reports

Undergraduate Enrollment by Department* (Fall Data), 1999-2009



* Includes engineering students only (on & off campus). The ATM program in BAE has 70 students enrolled in the College of Agriculture.

Source: 20 day reports

FALL 2009 COLLEGE OF ENGINEERING UNDERGRADUATE STATISTICS

Total Students = 3027

13.0% Female

6.0% Minority*

*U.S. Citizens Only (Prior to Fall 2005, visa holders were included.)

81% Kansas

11% U.S. Non-Kansas

8% International

Fall 2009 Undergraduate Curricula Statistics

<u>Curricula</u>	<u>No. of Women*</u>		<u>No. of Minority**</u>			<u>Total***</u>	<u>Curr. Total</u>	<u>Dept. Total</u>
			<u>Male</u>	<u>Female</u>				
ARE/PARE	84	(22.2%)	27	5	32	(8.5%)	378	
CNSM/PCNSM	17	(4.1%)	15	1	16	(3.8%)	417	795
BAE****	32	(30.5%)	0	3	3	(2.9%)	105	105
CHE	57	(27.3%)	14	3	17	(8.1%)	209	209
CE	34	(13.8%)	12	2	14	(5.7%)	247	247
CS	17	(9.0%)	9	0	9	(4.8%)	188	
IS	5	(12.8%)	3	1	4	(10.3%)	39	227
CMPEN	8	(4.7%)	14	4	18	(10.7%)	169	
EE	13	(5.9%)	11	1	12	(5.5%)	220	389
ENUN	21	(10.6%)	15	4	19	(10.0%)	198	198
IE	46	(28.6%)	10	3	13	(8.1%)	161	161
ME	58	(8.3%)	21	4	25	(3.6%)	696	696
TOTAL	392	(13.0%)	151	31	182	(6.0%)		3027

* Includes minority women

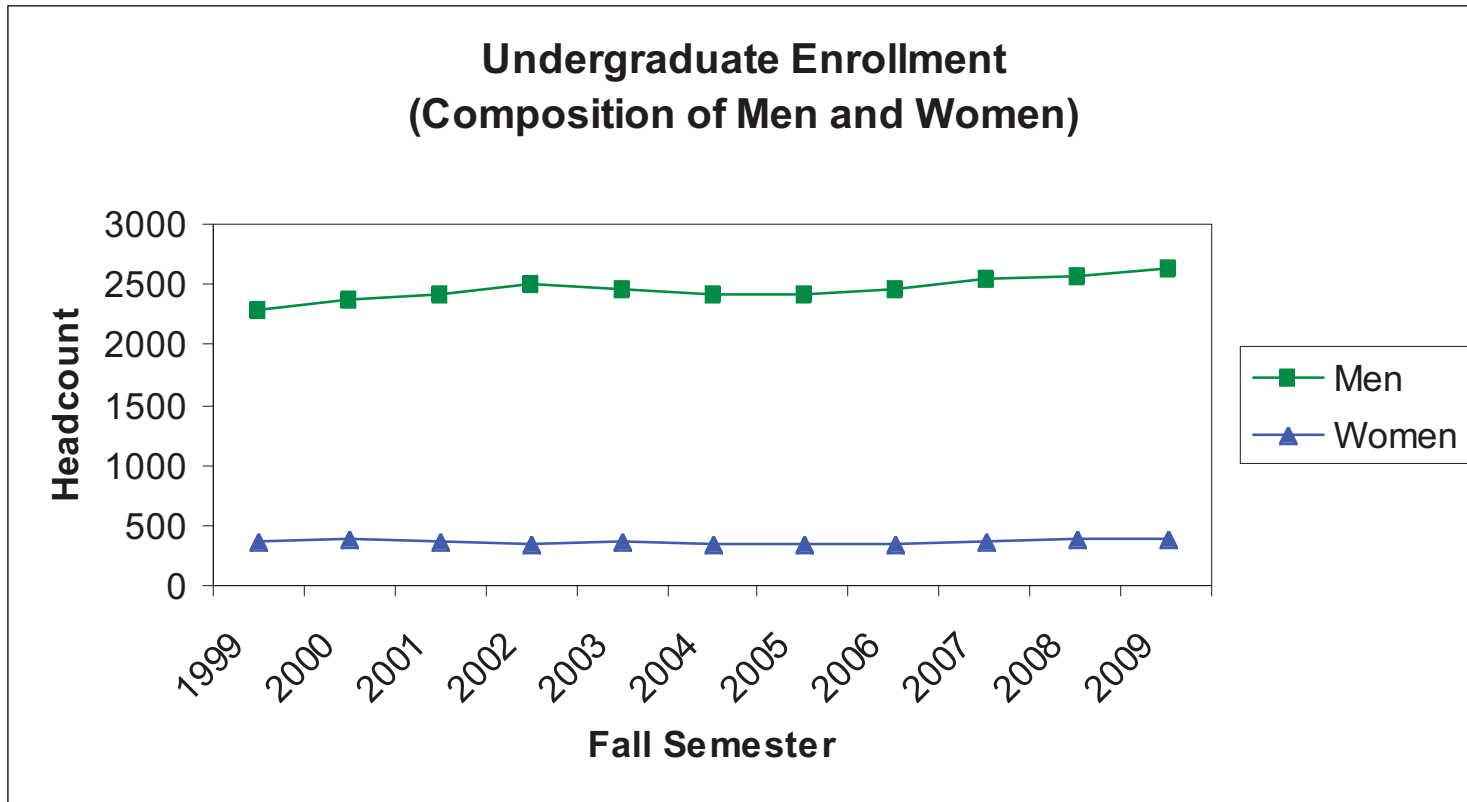
** Data from the Multicultural Engineering Program for Black, Hispanic, and Native American students enrolled

*** Percent of curriculum

****Includes engineering students only

Source: 20 day reports

Undergraduate Enrollment (Composition of Men and Women)



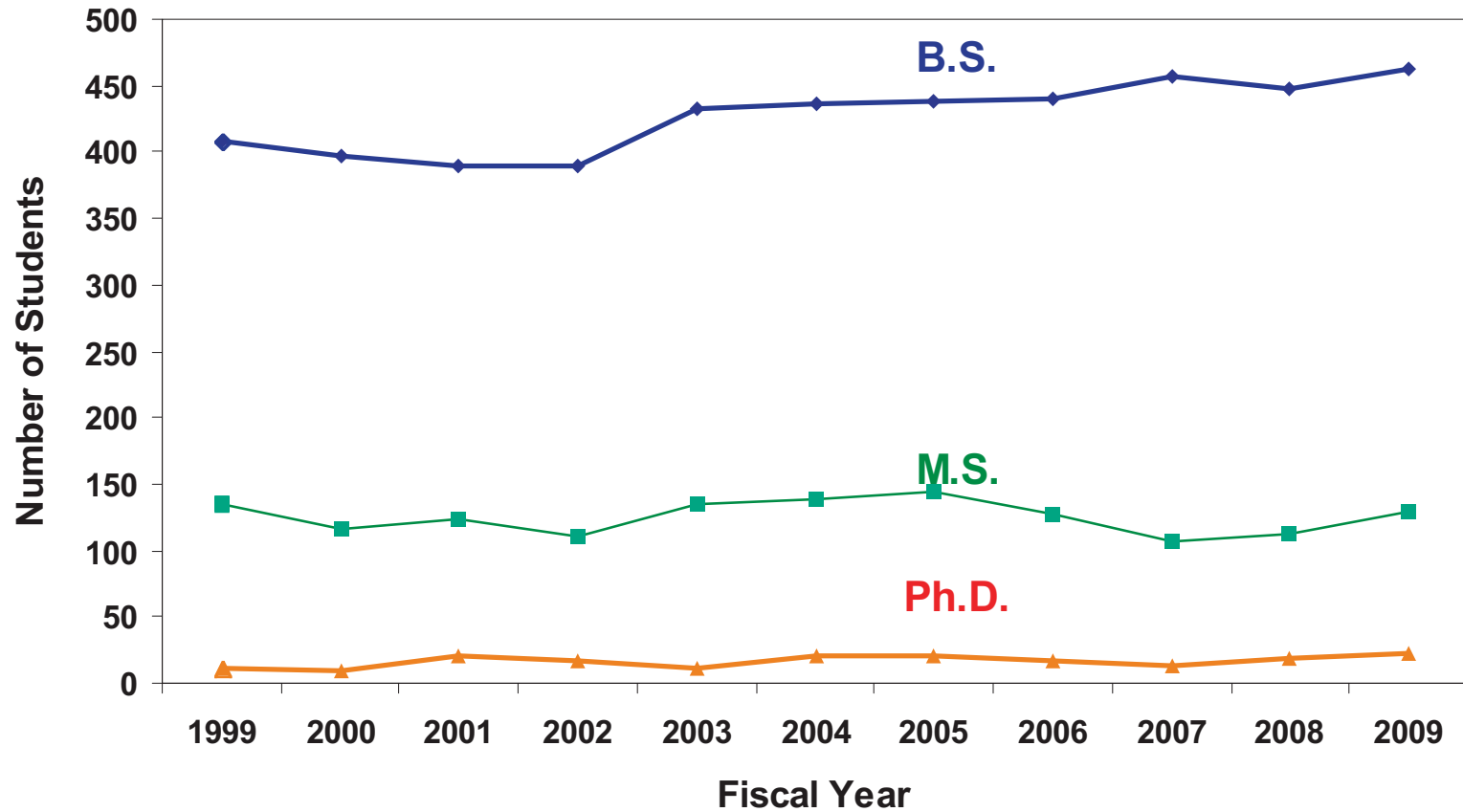
Source: 20 day reports

Degrees Granted by Fiscal Year

	2005			2006			2007			2008			2009			5-yr Avg
	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	B.S.	M.S.	Ph.D.	
Architectural Engineering	54	30	---	49	17	---	47	17	---	48	9	---	53	13	---	---
Construction Science & Mgmt	73	---	---	81	---	---	77	---	---	64	---	---	86	---	---	---
Biological & Agricultural Engr	8	3	4	13	3	1	12	5	4	10	8	3	20	4	3	3.0
Agricultural Technology Mgmt	12	---	---	16	---	---	24	---	---	14	---	---	14	---	---	---
Chemical Engineering	17	3	---	19	6	1	20	6	3	27	5	1	26	3	3	1.6
Civil Engineering	26	13	4	33	10	2	39	13	3	48	18	4	29	11	4	3.4
Computer Science	25	32	3	26	24	---	23	24	1	18	13	4	30	26	5	2.6
Information Systems	19	---	---	12	---	---	12	---	---	14	---	---	10	---	---	---
Software Engineering	---	13	---	---	14	---	---	3	---	---	10	---	---	10	---	---
Manufacturing Engineering	6	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---
Electrical Engineering	48	24	3	48	19	4	48	18	---	47	17	3	43	23	5	3.0
Computer Engineering	36	---	---	31	---	---	31	---	---	12	---	---	18	---	---	---
Industrial Engineering	35	9	4	28	9	3	25	10	1	23	7	1	28	11	1	2.0
Engineering Management	---	3	---	---	4	---	---	1	---	---	3	---	---	9	---	---
Operations Research	---	4	---	---	3	---	---	3	---	---	7	---	---	9	---	---
Mechanical Engineering	80	10	2	83	14	5	98	3	2	123	15	3	106	8	1	2.6
Nuclear Engineering	---	---	---	---	4	---	---	4	---	---	1	---	---	3	1	.2
TOTAL	439	144	20	441	127	16	456	107	14	448	113	19	463	130	23	18.4

Note: Includes Summer, Fall, and Spring of each fiscal year.

College of Engineering Degrees Granted



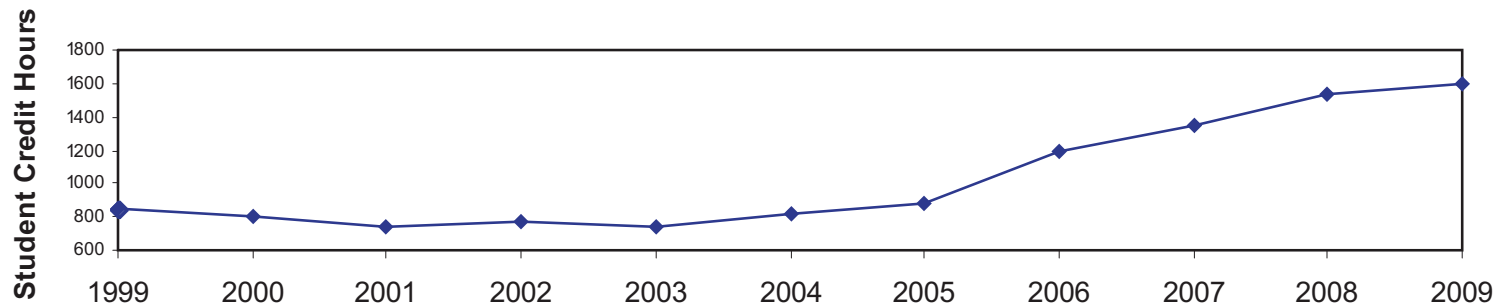
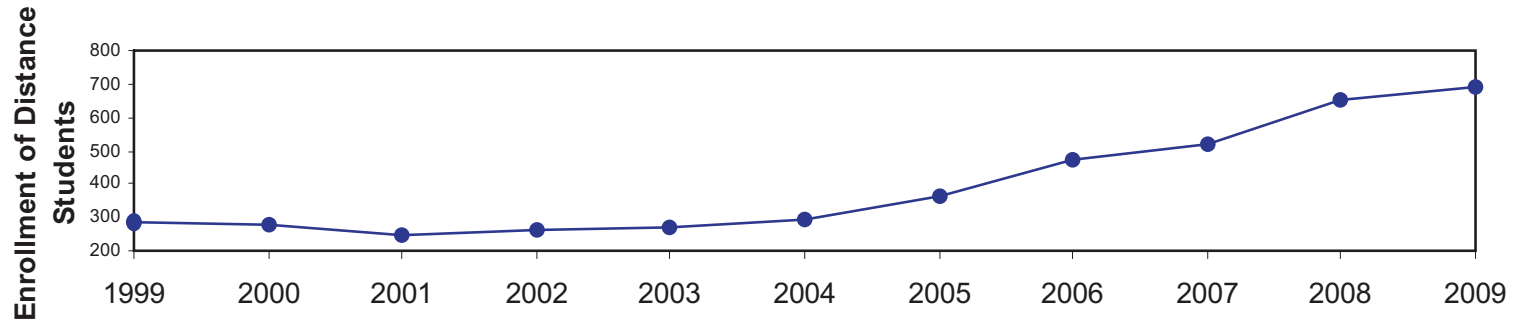
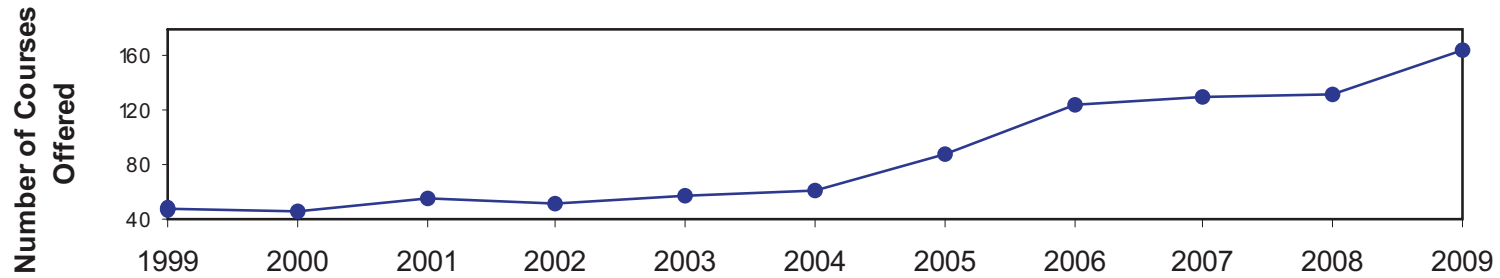
Student Credit Hours by Fiscal Year

DEPARTMENT	2004	2005	2006	2007	2008	2009
Architectural Engineering/Construction Science*	7,746	8,701	8,451	8,514	9,526	9,809
Biological & Agricultural Engineering**	1,717	1,466	1,544	1,359	1,497	1,634
Chemical Engineering	2,028	2,087	2,151	2,390	2,323	2,404
Civil Engineering	5,514	5,647	6,034	5,697	6,147	6,097
Computing & Information Sciences	12,126	11,508	10,801	10,442	9,790	9,150
Electrical & Computer Engineering	7,570	7,063	6,457	5,931	5,903	5,967
General Engineering	1,223	1,236	1,366	1,534	673	605
Industrial & Manufacturing Systems Engineering	3,000	3,030	3,177	2,976	2,943	3,483
Mechanical & Nuclear Engineering	7,376	7,878	8,315	8,312	8,602	8,160
Total	48,300	48,616	48,296	47,155	47,404	47,309

*Note: Beginning in 2008, SCH associated with DEN210 "History Bldg & Const" & DEN398 "Creative Problem Solving" are correctly reported under ArchE/Const Sci (vs General Engineering).

**Includes Agricultural Technology Management

Engineering Distance Education Master's Program



Employment Report – Offer Statistics by Major (Tentative)

COLLEGE OF ENGINEERING

Graduation Dates: 8/08, 12/08, 5/09 – Bachelor's Degree

Major	Total Reporting	Total Offers	High Salary	Low Salary	Average Salary	National Salary
ARE	47	66	\$58,200	\$42,000	\$51,424	\$36,767
BAE	6	8	\$88,000	\$37,750	\$59,631	\$53,801
CE	20	29	\$62,000	\$39,000	\$49,001	\$51,793
CHE	12	15	\$90,000	\$32,000	\$72,154	\$65,403
CMPEN	10	14	\$67,000	\$48,500	\$59,571	\$61,017
CS	20	24	\$85,000	\$16,000	\$53,103	\$57,693
CNSM	42	42	\$63,600	\$31,200	\$48,727	\$53,573
EE	16	18	\$65,000	\$44,000	\$56,684	\$57,600
IE	9	13	\$95,000	\$46,000	\$58,246	\$58,581
IS	4	7	\$63,000	\$40,000	\$50,857	\$49,334
ME	61	93	\$89,000	\$30,660	\$57,576	\$58,749

Sources: Career and Employment Services & National Association of Colleges and Employers