



College of Arts and Sciences

2011-2021 Outcomes and Progress Report

2021 Fall Update with the President and Provost

K-STATE
2025

KANSAS STATE
UNIVERSITY

Positive impacts of K-State 2025

- Endowment increased 246% from 2011 baseline
 - Annual funding more than doubled on average
- Number of PhD's up pre-Covid
- Sophomore retention up 10% from 77% to 84.6%
- Six-year graduation rate up 19% from 53% to 63.1%
- Research expenditures up 61% **exceeding** 2025 goal
- Successful COBRE proposal – Center for Cognitive and Neurobiological Approaches to Plasticity
- Pre-COVID almost 700 students/year participating in undergraduate research

Key metrics

Benchmark Goal	2011 Baseline	FY 19	FY 20	FY 21	2025 College Goal
B-1 Research expenditures	\$31.2 M	\$51.6 M	\$50.5 M	NA	\$49 M
B-1a Extramural awards		\$29.8 M	\$32.4 M	\$28.5 M	
B-2 Endowment	\$39 M	\$70.5 M	\$71.7 M	\$96.0 M	\$100 M
B-3 Annual Fundraising	\$5 M	11.4M	\$16.2 M	\$11.8 M	\$20M
B-4 Faculty awards (CMUP)		2	2	1	6 per year
B-5 PhDs per year	57(66*)	61	73	65	90
B-6 Fr/Sophomore retention	77%	83.2%	84.5%	82.1%	90%
B-7 Six-year grad rate	53%	60.8%	63.6%	63.8%	70%
B-8 UG research participation		693*	630*	385	TBD

Progress/accomplishments

RSCAD



Progress/accomplishments

- **Center Awards and Significant Renewals (2011-2021)**
 - CNAP (Kimberly Kirkpatrick)
 - Successful awarding of an NIH-COBRE center to Psychological Sciences (PI Kimberly Kirkpatrick)
 - James R. MacDonald Lab: Atomic, Molecular and Optical Physics
 - Multiple DOE grant renewals and facilities upgrades
 - Konza Biological Station
 - Multiple renewals of NSF-LTER grant for studying grassland ecology, NSF-EPSCOR, CHN grants, etc.

Progress/accomplishments

- **Centers**

- Chapman Center for Rural Studies (under college since 2017)

- Interdisciplinary Research Grants (2019-)
 - Resulted in additional \$447,000 NSF grant

- Johnson Cancer Center

- Endowed funds have grown \$3.5M over past 10 years
- Total amount of awards have doubled from ~\$247,000 to ~\$506,000
- Individual awards to undergraduate students increased from \$1000 to \$1500
- Graduate summer awards increased from \$4000 to \$7500
- Expanded Undergraduate Awards to include non-STEM research & creative inquiry
- Two Cancer Research Collaborations of Excellence created for Pancreatic Cancer and Tumor Microenvironment

Progress/accomplishments

– Major Research Instrumentation (MRI) type Awards

- Carlos Trallero (Physics) Femtosecond Laser
- Ruth Welti (Biology) Mass Spectrometer
- Susan Brown (Biology) Adaptive Data Cluster
- Om Prakash (BMB) 500 MHz NMR Spectrometer
- Christer Aakeroy (Chemistry) Single Crystal X-Ray Diffractometer
- Artem Rudenko (Physics) High-Power 100 kHz Laser
- Christine Aikens (Chemistry) Computer Cluster for Molecular Modeling
- Ruth Welti (Biology) Triple Quadrupole Mass Spectrometer
- Kristin Corwin (Physics) Mid-IR Dual Comb Spectrometer
- Duy Hua (Chemistry) 400 MHz NMR Spectrometer

Progress/accomplishments

- **College Faculty Enhancement Program**
 - New faculty in their first 3 years in the humanities and social sciences can apply for \$10,000 to support their research
 - In the last ten years this program has funded 90 faculty
 - The ~\$900,000 investment has led to > \$3,605,000 in secured funding



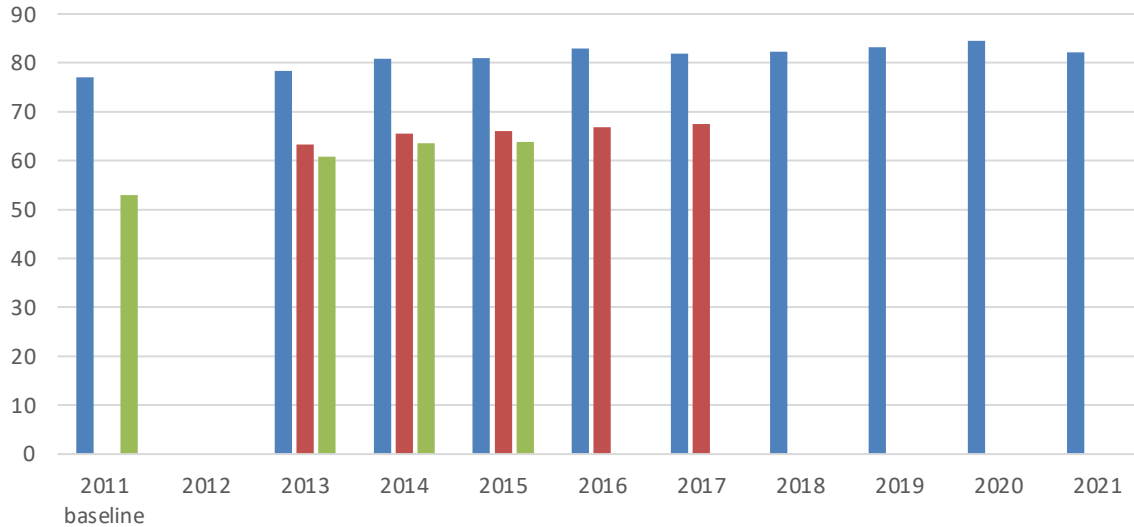
Progress/accomplishments

Undergraduate Experience



Progress/accomplishments

Retention and Graduation Rate



FY 2011-2021
Change in fresh/soph retention
Rates = +6.6%
Change in 6-year graduation
rates = +20.4%

■ fresh/soph retention rate ■ 4 year graduation Rate ■ 6 year graduation rate

Progress/accomplishments

- **Student Awards – Nationally Competitive Scholarships in the Past 10 years**
 - Goldwater Scholars – 10 (Arts and Sciences) of 11 (University)
 - Phi Kappa Phi Graduate Fellowships – 7
 - Fulbright U.S. Student Grants and Summer Institutes – 20
 - Benjamin A. Gilman Scholarships to Study Abroad – 22
 - Gates Cambridge – 1
 - Truman Scholarship – 1
 - Marshall Scholarship – 1
 - Mitchell Scholarship – 1
 - Cargill Global Scholars – 2
 - Pickering Foreign Affairs Fellowship - 2

Progress/accomplishments

- **New programs established to meet student needs**
 - Primary Majors
 - Environmental Science
 - Geographic Information Science and Technology
 - Integrated Computer Sciences
 - General Physics
 - Secondary Majors
 - Integrated Health Studies
 - Dance and the Human Experience
 - **Dual Degree Program**

Progress/accomplishments

- Minors (10)
 - Art, Classical Studies, Mathematics, Queer Studies, South Asian Studies, Graphic Design, Middle East Studies, Musical Theatre, Psychology, Spanish Translation
- Certificates (10)
 - Dance; Film Studies; Global Health, Society and Medicine; Gov't and Political Communication, Intercultural Competence, Linguistics, Quantitative Techniques of Data Science, Religious Studies, Socially Responsible Information Science, Travel and Tourism Promotion
- Concurrent Masters Programs (5)
 - Sociology, Statistics, Economics/MBA, Poly Sci/MPA, Poly Sci/Security Studies,

Progress/accomplishments

- **Departmental Mergers and Curriculum Updates**
 - Dance and Theatre combined with Music to form the School of Music, Theatre and Dance
 - Journalism and Mass Communication and Communication Studies to form a joint school of Communication
 - American Ethnic Studies and Gender, Women and Sexuality Studies to form a new department and merge their degree program

Progress/accomplishments

- **Online Credentials**
 - Masters (3)
 - Industrial and Organizational Psychology, Security Studies, Music
 - Bachelors (3)
 - Integrated Computer Science, Mass Communications, Social Science
 - Minors (5)
 - Economics, GWSS, Anthropology, Mass Communications, American Ethnic Studies
 - Certificates (6)
 - Applied Statistics (Grad), Public Administration (Grad), Nonviolence Studies, Intercultural Competence, Technical Writing and Professional Communication (Grad), Government and Political Communications

Progress/accomplishments

- **Renamed Departments**
 - Biochemistry and Molecular Biophysics, Geography and Geospatial Science, Psychological Sciences
- **Curriculum Changes**
 - Dual Degree
 - **U.S. Multicultural Overlay**
 - College Curriculum committee and College Faculty meeting more frequently to speed passing of curriculum changes

Progress/accomplishments

- **Undergraduate Research**
 - ~700 students participate in research each academic year
 - Scholarships from student fees
 - Annual Undergraduate Research Opportunities Fair
 - Research Opportunities Fair promoted with a \$1000 scholarship raffle
 - Undergraduate research videos for highlight research

Progress/accomplishments

Graduate Experience



Progress/accomplishments

- Nationally Competitive Graduate Scholarships
 - **Attend Lindau Nobel Laureate Meeting**
 - 2011-12 Nora Johnson (Physics)
 - 2012-13 Elizabeth Ploetz (Chemistry)
 - 2013-14 Hedieh Shadmani (Economics)
 - 2014-15 Courtney Passow (Biology)
 - **David S. Boren Fellowship**
 - 2013 Tony Demchak (History)
 - **National Defense Science and Engineering Fellowship**
 - 2014 Adam Summers (Physics)

Progress/accomplishments

- Nationally Competitive Graduate Scholarships
 - NSF Graduate Research Fellowship

17 recipients from K-State (2013-2021)
13 from Arts & Sciences

2018	Adam Schieferecke	BS and MS student in Biology
2018	Kyle Apley	Chemistry
2018	Benjamin Archibeque	Physics and Psychology
2018	Priscila Guzman	doctoral student in Biology
2017	Victoria Fitzgerald	master's student in Geology
2017	Jordann Brandner	doctoral student in Psychology
2017	Robert "Kent" Connell	doctoral student in Biology
2016	Obdulia Covarrubias	doctoral student in Chemistry
2016	Ryan Greenway	doctoral student in Biology
2016	Catherine Hill	doctoral student in Psychological Sciences
2015	Matthew Galliard	master's student in Biology
2014	Donte Bernard	Psychology
2013	Derrek Wilson	graduate student in Physics

Progress/accomplishments

- Implementation of Student Fee increase in 2017 resulted in the ability to supplement GTA stipends and bring stipends up to median for program area
- Several new departmental scholarships for Graduate students
- Graduate PhD enrollment has remained stable
 - 2012: 506 students
 - 2020: 505 students



Progress/accomplishments

Faculty



Progress/accomplishments

- Faculty Awards – 2011-2021
 - **University Distinguished Professors – 19**
 - **NSF and DOE CAREER Awards – 7**
 - Commerce Bank and W.T. Kemper Foundation Awards
 - Undergraduate Outstanding Teaching Award – 9
 - Distinguished Graduate Faculty Award – 9
 - Presidential Awards
 - Outstanding Department Head – 5
 - Coffman Chairs - 4

Progress/accomplishments

ArtSci Faculty in Top 2% of Researchers in the World

according to a 2020 study done by Stanford University.

CURRENT FACULTY

Christer B. Aakeröy
Christine M. Aikens
John M. Blair
Amit Chakrabarti
Rollie J. Clem
Christopher T. Culbertson
Walter K. Dodds
B. D. Esry
Keith B. Gido
Ari Jumpponen

CURRENT FACULTY

Michael R. Kanost
C. D. Lin
Bimal Kanti Paul
Bharat Ratra
Paul E. Smith
Christopher M. Sorensen
Uwe Thumm
Haiyan Wang
Ruth Welti
Kimberly A. With

EMERITUS FACULTY

C. L. Cocke
Robert L. Cullers
Richard J. Harris
Anthony Joern
Karl J. Kramer
Alexandr G. Ramm
James Shanteau
Larry J. Takemoto.

Progress/accomplishments

- Thirsty Thursday Faculty Socials
 - Thematic
- Ron Gaches Teaching Awards
- Donor-supported faculty research program
- Funding for faculty working to put together large interdisciplinary grant proposals
- UDP videos
- New faculty meetings hosted by ADR
- Recruitment and retention workshops



Progress/accomplishments Facilities and Infrastructure



Progress/accomplishments

- **Space Migration**
 - Dean's Office, Political Science and History to Calvin Hall (2017)
 - Comm Studies/MTD/Geology reconfiguration (2016)
 - Mod Lang/Geography reconfiguration in Eisenhower (2017)
 - Chapman Center/Mathematics new Leasure Hall space (2017)
 - Center for Research and Education in STEM Education relocation to Anderson Hall (2017)
 - English adding space in English/Counseling Services

Progress/accomplishments

- **Facilities Improvements**

- CBC hoods – complete renovation
- Ackert hoods – makeup air upgrades and new variable speed exhaust fans
- 5th floor Bluemont hood replacement and hot water booster
- Bathroom renovations in Dickens, Leasure, Myers and Willard
- Willard Phase 3 HVAC and safety improvements for Photography and Printmaking
- Willard Phase 4 Ceramics ventilation and safety improvements
- McCain Costume shop ventilation improvements
- Eisenhower Phase 1 and 2 chilled water and ventilation improvements

Progress/accomplishments

- **Facilities Improvements**

- Leasure office suite for American Ethnic Studies
- Waters office suite and studio for SASW new faculty members
- Purple Masque Theatre in West Memorial Stadium
- Burt lab renovations (Donor funding)
- McCain 204 renovations to Kirmsers Hall (Donor funding)
- Upgrades to Chapman Theatre in Nichols (Donor funding)
- Eisenhower Language Lab renovations (Donor funding)
- Geosciences Building approved by KBoR, funds being raised

Progress/accomplishments

- **Facilities Improvements**
 - Mold remediation in Thompson, Seaton, Burt, McCain
 - Internet Upgrades in Ackert, Leasure, Chalmers and Thompson
 - Room re-modeling and renovation projects in most Departments in the College
 - Burt Hall insectary chiller installation
 - Technology upgrades in Nichols Hall
 - Dance floors replaced in Music, Theatre, and Dance
 - COBRE matches for repair and renovation in Bluemont animal facility

Progress/accomplishments

- **Health and Safety**
 - Established a College Safety Committee (2018)
 - 12 members, meet monthly during academic year
 - Established BSL1 inspection program
 - Migrating Chemical inventories to EH&S assistant
 - Major chemical inventory and disposal in Chemistry and Biochemistry
 - Fixed gas leak issue in Chemistry teaching labs

Progress/accomplishments

Engagement,
Extension, Outreach
and Service
& Diversity, Equity,
Inclusion and
Belonging



Progress/accomplishments

College-Level Diversity Efforts

- Most of our departments are represented on our A&S Diversity Committee
- Supported efforts of 10 Departmental Diversity Committees
- Focused on Student Recruitment, Retention & Degree Completion efforts
- Supported Faculty Recruitment & Retention Efforts (Diversity Equity, Inclusion, & Belong (DEIB)
Developed Training and Recruited Potential Diverse Faculty
- Established Antiracist Working Group (Antiracist Statement and Created Resource Website)
- Funded Diversity Lecture Series, Civil Rights Teach-In, Student Diversity Summit, Student DEI Engagement, and other DEI events
- Funded Faculty Professional Development Awards promoting DEI in classroom
- Host lunches w/ the Dean for First-Generation Students, Women in STEM, and discussion on student wellness
- **U.S. Multicultural Overlay since 2017, 3-Credit Hour Course Requirement, over 50 courses meet this requirement**

Progress/accomplishments

University-Level Diversity Efforts in which the College took a Leadership role

- US Multicultural Overlay has become the model for the University per the [Diversity and Inclusion Action Plan](#) (DIAP)
- Supported Student Retention and Graduation Committee per DIAP
- Supported/Promoted DEIB on the Presidents Commission on DEIB, DPP & w/CDIO Office and University-wide [DEIB plan](#)
- Supported campus wide DEIB events ([KSUnite](#), [MLK Week](#), [Indigenous Peoples Day](#), [WILDCAT Dialogues](#), [Community Action Talks](#), and other Departmental/Unit DEIB events)
- Recruitment and Retention of First-Generation and Multicultural Students
 - Revived Student Recruitment, Retention and Degree Completion sub-committee of A&S DC to support work of DIAP committees
 - Supported efforts of the University-wide [IMHOTEP: K-State's Black Male Initiative](#)
 - Participated in University's student development/mentoring efforts ([LSAMP](#), [KAWSE](#), [Project IMPACT](#), [MSO](#), [TRIO programs](#) and other DEIB programs)

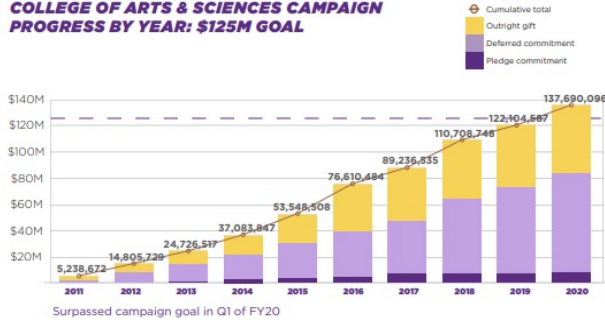
**Progress/
accomplishments**

**Fundraising
Highlights**



Progress/accomplishments

COLLEGE OF ARTS & SCIENCES CAMPAIGN PROGRESS BY YEAR: \$125M GOAL



CAMPAIGN GIVING BY DONOR TYPE

Alumni	65%
Corporations	11%
Estate and trusts	7%
Friends	8%
Foundations	7%
Other	2%

CAMPAIGN CONTRIBUTIONS TO PURPOSE

Student Success	Campaign progress: \$47,988,727	Campaign goal: \$50,000,000
Faculty Development	Campaign progress: \$13,699,538	Campaign goal: \$17,000,000
Facility Enhancement	Campaign progress: \$5,573,091	Campaign goal: \$10,000,000
Excellence	Campaign progress: \$53,987,773	Campaign goal: \$36,000,000
Programmatic Support	Campaign progress: \$16,440,967	Campaign goal: \$12,000,000



Donors	33,857
First-time donors	17,186

21,041

DONORS FROM KANSAS

23

CHAIRS, PROFESSORSHIPS
AND FACULTY AWARDS

253

SCHOLARSHIPS

Progress/accomplishments

FY21

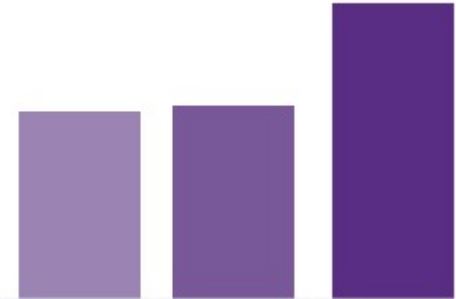
OVER 1,000 STUDENTS

RECEIVED SCHOLARSHIP
AWARDS THIS YEAR

EAB compared KSU to 10 institutions that share the same fundraising DNA:

- K-State's major gift officers raise more money on average (\$1.43M compared to \$1.11M)
- With less money (cost to raise a dollar at KSU is \$.10 compared to \$.12)
- With a greater ROI (\$10.43 compared to \$8.23)

ENDOWMENT POOL



FY19:
\$70.5M

FY20:
\$71M

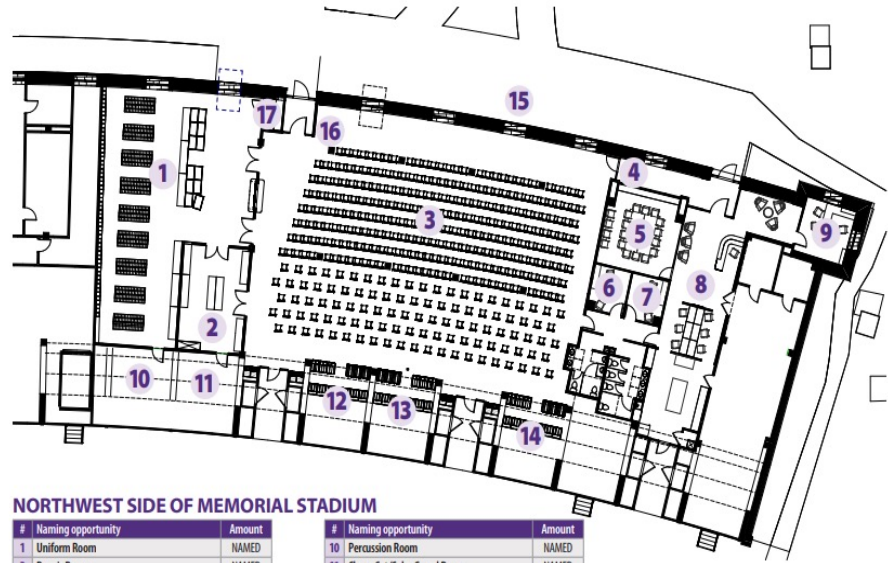
FY21:
\$96M

27
NEW FUNDS
IN FY21

1,058
FUNDS
MANAGED

Progress/accomplishments

- Marching Band Facility
 - Feasibility for \$3.5 million dollar facility completed August 2021
 - Over \$4 million raised by October 2021
- First quarter of FY22
 - **11 million** raised!



NORTHWEST SIDE OF MEMORIAL STADIUM

#	Naming opportunity	Amount
1	Uniform Room	NAMED
2	Repair Room	NAMED
3	Rehearsal Room	NAMED
4	Memorabilia Room	\$250,000
5	Conference Room	\$250,000
6	Assistant Director Office	NAMED
7	Associate Director Office	NAMED
8	Reception Area	NAMED
9	Director Office	NAMED

#	Naming opportunity	Amount
10	Percussion Room	NAMED
11	Classy Cat/Color Guard Room	NAMED
12	Trumpet/Trombone/Baritone Room	NAMED
13	Tenor Sax/Mellophone Space	NAMED
14	Piccolo/Clarinet/Alto Sax Space	NAMED
15	Band Hall	NAMED
16	Sousaphone Storage	NAMED
17	Band Cats' Cupboard	NAMED



Top priorities moving forward

- Improving recruitment success and increasing the numbers of incoming Freshmen and transfer students
- Retention of faculty
- Facility Upgrades and renovation
- Increasing the number of merit/need scholarships
 - Focus both on incoming students and those close to graduating (>90 cr. hrs.)
- Increasing/improving Diversity, Equity and Inclusion at faculty, staff and student levels
- Develop concurrent 4+1 BS/MS degree programs
 - E.g. Environmental Sciences
- New majors to meet student needs
 - Criminology, DIME.....

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