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

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

Change in fresh/soph retention rates = +6.6%
Change in 6-year graduation rates = +20.4%
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)
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

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

- 17 recipients from K-State (2013-2021)
- 13 from Arts & Sciences
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
ArtSci Faculty in Top 2% of Researchers in the World according to a 2020 study done by Stanford University.

<table>
<thead>
<tr>
<th>CURRENT FACULTY</th>
<th>CURRENT FACULTY</th>
<th>EMERITUS FACULTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christer B. Aakeröy</td>
<td>Michael R. Kanost</td>
<td>C. L Cocke</td>
</tr>
<tr>
<td>Christine M. Aikens</td>
<td>C. D. Lin</td>
<td>Robert L. Cullers</td>
</tr>
<tr>
<td>John M. Blair</td>
<td>Bimal Kanti Paul</td>
<td>Richard J. Harris</td>
</tr>
<tr>
<td>Amit Chakrabarti</td>
<td>Bharat Ratra</td>
<td>Anthony Joern</td>
</tr>
<tr>
<td>Rollie J. Clem</td>
<td>Paul E. Smith</td>
<td>Karl J. Kramer</td>
</tr>
<tr>
<td>Christopher T. Culbertson</td>
<td>Christopher M. Sorensen</td>
<td>Alexandr G. Ramm</td>
</tr>
<tr>
<td>Walter K. Dodds</td>
<td>Uwe Thumm</td>
<td>James Shanteau</td>
</tr>
<tr>
<td>B. D. Esry</td>
<td>Haiyan Wang</td>
<td>Larry J. Takemoto</td>
</tr>
<tr>
<td>Keith B. Gido</td>
<td>Ruth Welty</td>
<td></td>
</tr>
<tr>
<td>Ari Jumpponen</td>
<td>Kimberly A. With</td>
<td></td>
</tr>
</tbody>
</table>
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 Kirmser 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

**Campaign Contributions to Purpose**

- **Student Success**: $47,999,727 / $50,000,000
- **Faculty Development**: $33,699,533 / $17,000,000
- **Facility Enhancement**: $5,573,491 / $10,000,000
- **Excellence**: $38,087,773
- **Programmatic Support**: $16,460,967 / $22,000,000

**21,041 Donors from Kansas**

**Campaign Giving by Donor Type**

- Alumni: 65%
- Corporations: 11%
- Estate and Trusts: 7%
- Friends: 8%
- Foundations: 7%
- Other: 2%

**23 Chairs, professorships and faculty awards**

**253 Scholarships**
Progress/accomplishments

FY21

OVER 1,000 STUDENTS RECEIVED SCHOLARSHIP AWARDS THIS YEAR

EAB compared K-State 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!
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…..
Acknowledgements

- Kimathi Choma
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