College of Agriculture/K-State Research and Extension

2020 Fall Update with the President and Provost
Progress/accomplishments

• Two independent web-based rankings have the College of Agriculture in top 10 in US
  – #1 by College Factual
  – #8 by Niche
81% Employed

Most common employers
- ARDENT MILLS
- CARGILL
- JOHN DEERE
- KANSAS STATE UNIVERSITY
- US DEPARTMENT OF AGRICULTURE

Most common position titles
- Agricultural Education Teacher
- Agronomist
- Farm Manager
- Farmer
- Food Scientist

97% of graduates are employed or furthering education

16% Furthering Education

Most common schools
- IOWA STATE UNIVERSITY GRAD SCHOOL
- KANSAS STATE UNIVERSITY GRAD SCHOOL
- NORTH CAROLINA STATE UNIVERSITY GRAD SCHOOL
- OHIO STATE UNIVERSITY GRAD SCHOOL
- TEXAS TECH UNIVERSITY GRAD SCHOOL
- UNIVERSITY OF NEBRASKA GRAD SCHOOL

Most common fields of study
- Agricultural Economics
- Animal Science
- Business Administration
- Horticulture
- Veterinary Medicine

Median Salary $46,000
- Maximum $155,000
- Minimum $17,680

528 Employed
49.81% Employed in KS
65.53% Employed in Region
1% Employed Internationally

2% Seeking
1% Miscellaneous

The data represented on this screen is collected up to six months after graduation from K-State degree recipients. The data collection and reporting processes of the Career Center are informed by the NACE first-destination standards and protocols. Note that the most common employers and schools are calculated by majors (not individuals). Some overall degree, college and program results may be different when compared to calculations by individual graduates due to double majors and other data anomalies.
Increase representation of historically under-represented and underserved students

- Since 2008, the COA multicultural student enrollment has increased by over 150%.
- The COA multicultural student enrollment increased 6% from Fall 2019 to Spring 2020
- More than 70 students have participated in KSRE Multicultural Summer Research Fellowship
- Project IMPACT Kompass and Multicultural Academic Success (MAPS) programs increase student retention
Scholarships Awarded

<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarships Awarded by COA</th>
<th>Tuition Supported by Grants in COA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$1,463,427</td>
<td>$0</td>
</tr>
<tr>
<td>2015</td>
<td>$1,753,198</td>
<td>$500,000</td>
</tr>
<tr>
<td>2016</td>
<td>$2,067,661</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>2017</td>
<td>$2,346,812</td>
<td>$1,500,000</td>
</tr>
<tr>
<td>2018</td>
<td>$2,292,441</td>
<td>$2,000,000</td>
</tr>
<tr>
<td>2019</td>
<td>$2,028,397</td>
<td>$2,500,000</td>
</tr>
</tbody>
</table>
Increase the number of counties in multi-county districts
Key metrics

- Total research & development expenditures
- Six-year graduation rate
- Endowment pool
- Number of doctorates graduated annually
- Percent of undergraduate students involved in research
- Freshman to sophomore retention rate
Research Expenditures

Ag % of university total

University total

Agriculture total

Kansas State University
Research Award Progress

- Start 2012: $36,537,015
- First Period Average 2012-2016: $45,235,119, 23.8%
- Second Period 2017-2021 (2019): $51,604,014, 41.2%
- Third Period Average 2022-2025: $0, -100.0%
- 2025 Goal: $73,074,030

2025 Goal – Double 2012 award level
6-Year Graduation Rate

2020 Goal = 68%

Year | Graduation Rate
--- | ---
2007 | 66.67
2008 | 66.46
2009 | 65.34
2010 | 67.26
2011 | 69.50
2012 | 67.58
2013 | 71.73
College of Ag Endowment

Endowment (Millions)

FY11 47.1
FY12 45.5
FY13 49.6
FY14 57.9
FY15 57.6
FY16 55.7
FY17 60.6
FY18 65.8
FY19 70.1
FY20 70.4
COA Surpasses $120M Campaign Goal

Total (Outright Gifts, Deferred & Pledged Commitments)

- $0
- $20,000,000
- $40,000,000
- $60,000,000
- $80,000,000
- $100,000,000
- $120,000,000
- $140,000,000
- $160,000,000

Degrees Conferred

Bachelor’s | Master’s | PhD’s

2016 | 583 | 127 | 38 | 
2017 | 620 | 128 | 37 | 
2018 | 571 | 121 | 34 | 
2019 | 599 | 119 | 48 | 
2020 | 606 | 103 | 46 |

2020 Goal = 110 Masters Degrees
2020 Goal = 35 Doctorate Degrees
Number of Undergraduates in Meaningful Undergraduate Research Experiences in Animal Sciences & Industry
• Piloted in Entomology Department
• 125 students completed program over the past three years
• Retention and graduation rates of these students is 96%
• Program now the basis for new Research for All program out of the Office of Undergraduate Research and Creative Inquiry
• Will serve ~250 student with ~90 faculty from 30 Departments and 8 Colleges
Freshman to Sophomore Retention

2020 Goal = 86%

<table>
<thead>
<tr>
<th>Year</th>
<th>Retention Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>80.27</td>
</tr>
<tr>
<td>2008</td>
<td>79.31</td>
</tr>
<tr>
<td>2009</td>
<td>80.05</td>
</tr>
<tr>
<td>2010</td>
<td>82.85</td>
</tr>
<tr>
<td>2011</td>
<td>82.99</td>
</tr>
<tr>
<td>2012</td>
<td>82.63</td>
</tr>
<tr>
<td>2013</td>
<td>86.51</td>
</tr>
<tr>
<td>2014</td>
<td>84.86</td>
</tr>
<tr>
<td>2015</td>
<td>84.91</td>
</tr>
<tr>
<td>2016</td>
<td>85.08</td>
</tr>
<tr>
<td>2017</td>
<td>86.59</td>
</tr>
<tr>
<td>2018</td>
<td>82.59</td>
</tr>
</tbody>
</table>
Top priorities moving forward

- Conclude College/K-State Research and Extension 2025 effort
- Transition to 2030 master plan
- Beginning facilitated strategic planning at College/Department/Unit level engaging external facilitator
- Initiated College-level strategic planning with formation of Business Committee on Planning (BCOP)
- Coordinating with K-State Foundation to prioritize fundraising to address phased modernization of College facilities
Schools of Agriculture are getting older

### Schools of Agriculture Age Category Distribution Comparison

<table>
<thead>
<tr>
<th>Renovation Age</th>
<th>Under 10</th>
<th>10-25 Years Old</th>
<th>25-50 Years Old</th>
<th>50+ Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>14%</td>
<td>23%</td>
<td>34%</td>
<td>29%</td>
</tr>
<tr>
<td>2020</td>
<td>7%</td>
<td>24%</td>
<td>32%</td>
<td>37%</td>
</tr>
</tbody>
</table>

### Capital Risk:

- **Highest Risk:**
  - Life cycles of major components past due – end of building life cycle approaching.

- **Higher Risk:**
  - Life cycles coming due in core building components.

- **Medium Risk:**
  - Lower cost space renewal updates needed.

- **Low Risk:**
  - “Honeymoon” period – little need for capital reinvestment.
CALL HALL
Addition and Renovations:
Renovation – 18,500 NSF; $9.3M Construction; $13.2M TPC
Addition – 16,225 GSF; $6.5M Construction; $9.3M TPC
Food Processing Pilot Plant Addition
Teaching and Research Lab Renovations

WEBER HALL
Renovations:
Academic Support – 6,000 NSF;
2.1M Construction; $3M TPC
Abattoir Equipment Replacement - $500,000 Construction; $700,000 TPC

GLOBAL CENTER FOR GRAIN & FOOD INNOVATION
New Construction:
Animal Sciences and Industry, Food Science Institute and Grain Science and Industry
58,106 NSF / 94,843 GSF; $38.4M Construction Cost / $54.8M Total Project Cost

Phase 1 – Global Center for Grain & Food Innovation