



Carl R. Ice College of Engineering

2020 Fall Update with the President and Provost

K-STATE
2025

KANSAS STATE
UNIVERSITY

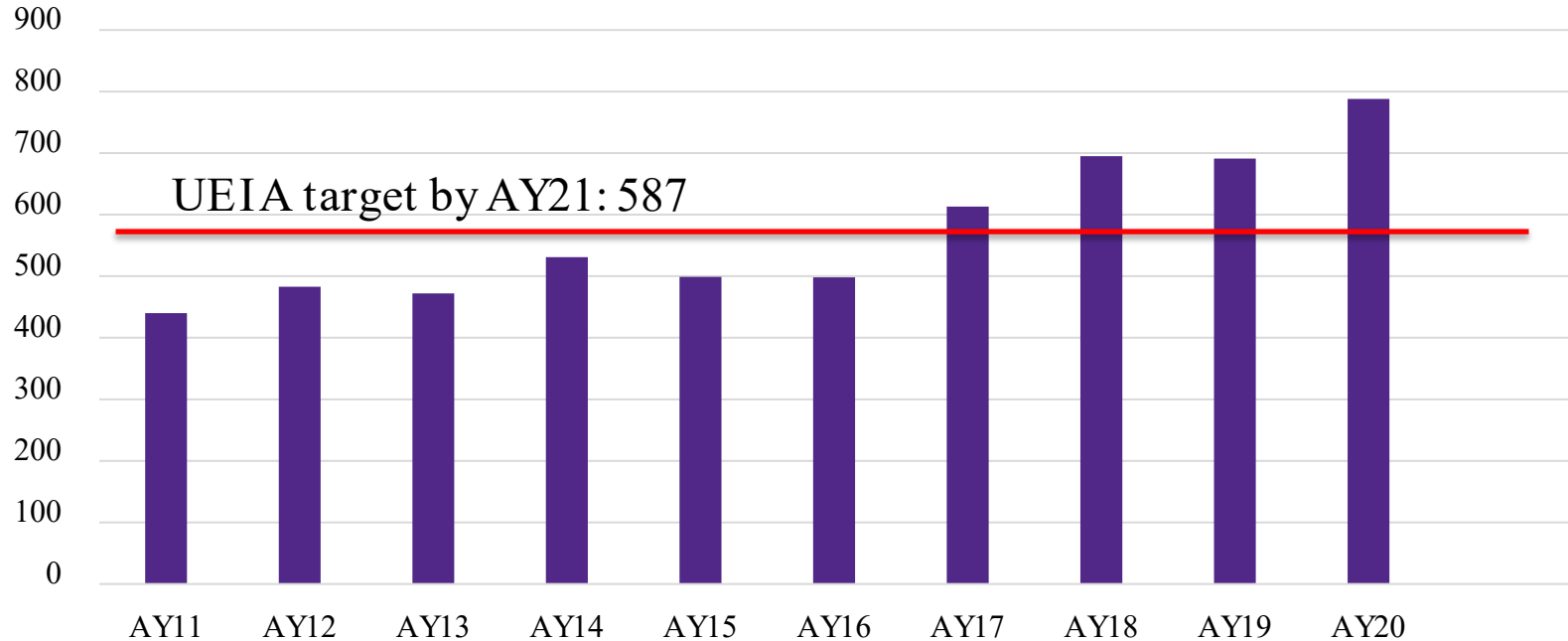
Key metrics

- Enrollment – fall 2020: 3,453
- Six-year graduation rates – fall 2014 cohort: 69.7%
- Placement rates – 2018-19 graduates: 96%
- Research expenditures – FY2019: \$28.7M
- Named faculty positions – fall 2020: 100
- Endowment – fall 2020: \$85.6M

F Y20 highlights

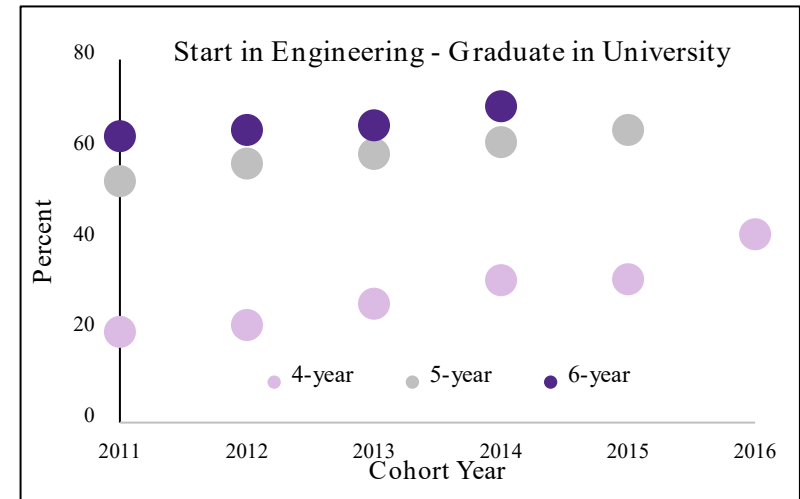
- 786 undergraduate degrees granted (AY20)
- 18 new named faculty positions created
- More than \$33M in research awards
- 21 patent disclosures
- Computational core curriculum initiated

Undergraduate graduation



Retention and graduation rates

- Retention of first-time, first-year full-time students continued to increase to 90.7% retained at the university and 80.2% retained in the college.
- Six-year graduation rates are also up to 69.7% at the university and 52.8% in the college.
- Four-year graduation rates have doubled in the past five years.



Underrepresented minorities

- Significant gains in performance of underrepresented minority (URM) engineering students at the university
- 104 engineering degrees conferred to URM in 2020 academic year (up from 59 in 2015)

Over two years

First-year retention
77.8% → 83.5%

Four-year grad rate
19.2% → 32.5%

Six-year grad rate
42.2% → 52.9%

COVID-19 needs for 2020 spring and fall semesters

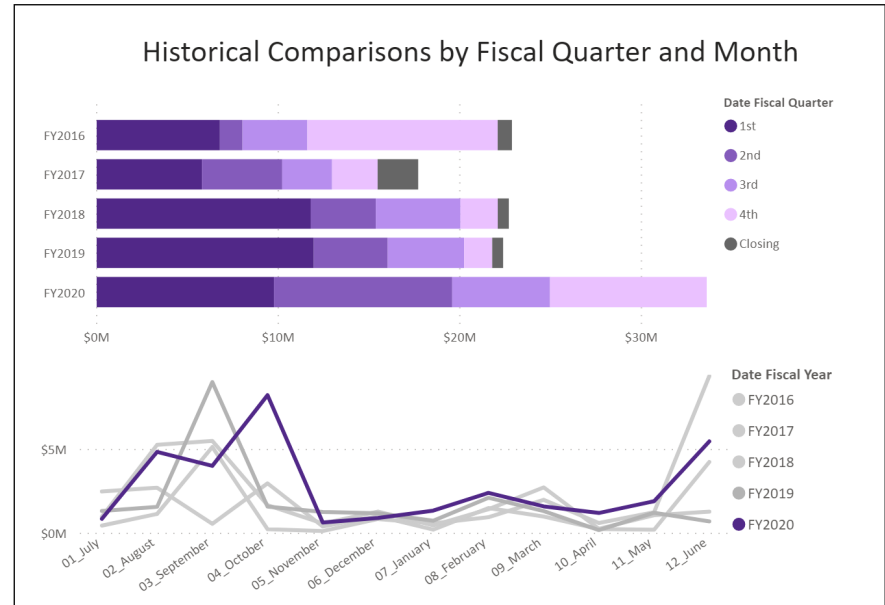
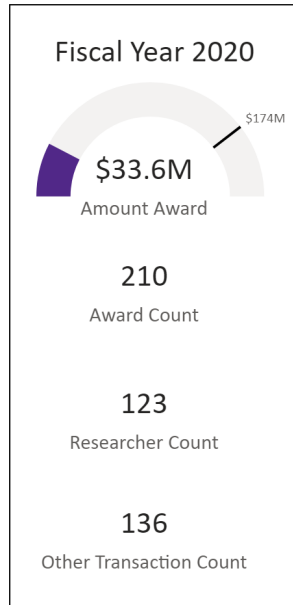
- Updated/upgraded classrooms, study areas and offices with video options
- Furnished basic laptop PCs for students with need
- Continued to provide tutoring and other services in modified, COVID-19 safe environments



Research

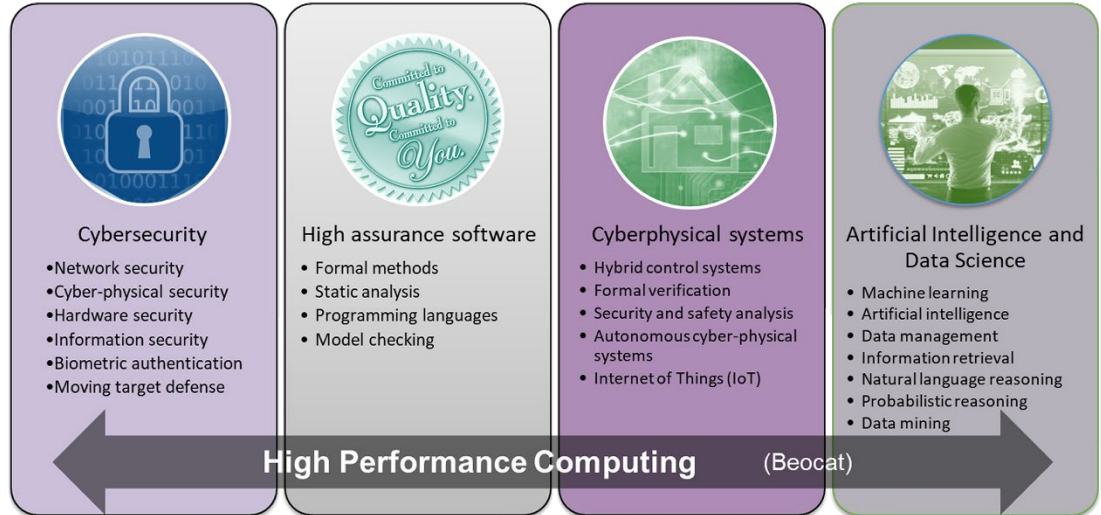
Objectives

- Strengthen COE role/ activity in global food, health and biosecurity; and cyber land-grant initiatives
- Expand external research opportunities with industry and other agencies
- Expand funding for graduate student fellowships
- Expand funding opportunities for GTA support
- Increase interdisciplinary, multiple-investigator research



Computational Core Initiative

- Supports integrated computer science degree in College of Arts and Sciences
- Beta site testing at Manhattan High School
- Offered at Manhattan Christian College



Top priorities moving forward

- Renew University Engineering Initiative Act (UEIA)
- Undergraduate and graduate student enrollment growth
 - Improve diversity, equity and inclusion demographics
- Hiring and retaining excellent faculty
- Teaching modality and content
 - F2F vs. remote; leadership, business, experiential learning
- Working modality
 - Productivity on campus vs. remote
- Space and facilities post-COVID-19
- Workforce and economic development (land-grant mission)

Cyber land-grant university

