
College of Arts & Sciences

K-STATE
2025

KANSAS STATE
UNIVERSITY

College of Arts & Sciences Progress on 2025 Goals

October 6, 2016

Organization of the Talk

- Our progress toward strategic plan (K-State 2025)
- Challenges facing the college
- Future course of action



ABOUT ARTSCI

We produce well-rounded, diverse graduates with comprehensive educations and international experiences.

5,000 UG, 300 Master's, 400+ PhD

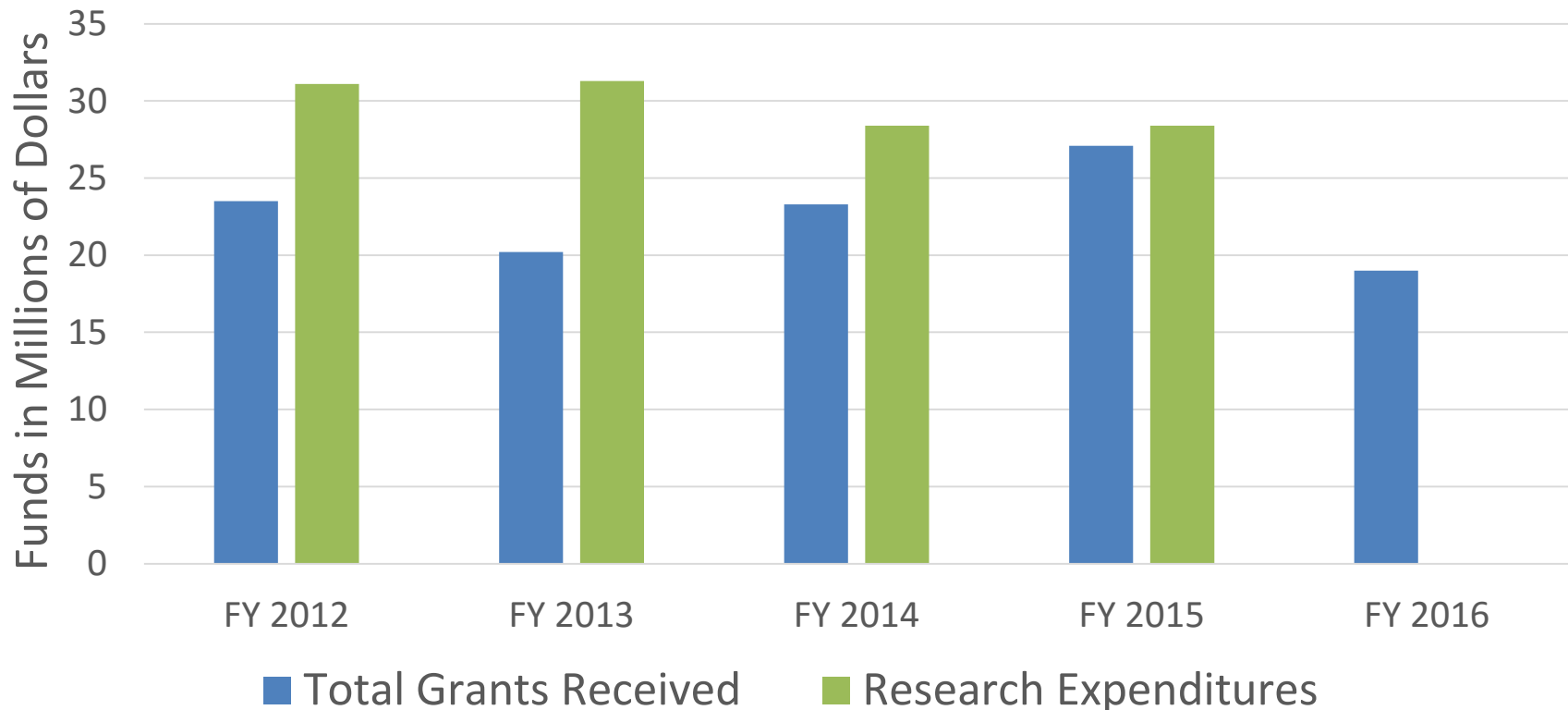
- ~600 Faculty; 2/3 of all Distinguished Professors and Teaching Scholars are in ArtSci
- ArtSci contributes to the education of every K-State graduate
- More than 75% of nationally competitive scholars are in ArtSci





RSCAD

Research Funding and Expenditure Trends for A&S



Major Project Awards/Renewals

- FY 12: NSF Major Research Instrumentation
 - Femtosecond Laser (\$693K); Physics
 - Mass Spectrometer for Lipidomics (\$440K); Biology
- FY 14: \$7M NSF Konza LTER Program funding renewed for 6 yrs (Biology)
- FY 14: NSF Major Research Instrumentation
 - Adaptive Data Cluster (\$600K); A&S, Engineering
 - Nuclear Magnetic Resonance (\$1.2M); A&S, CVM, Engg
- FY 16: \$8M Dept of Energy award for JR Macdonald Lab in Physics renewal for 3 yrs

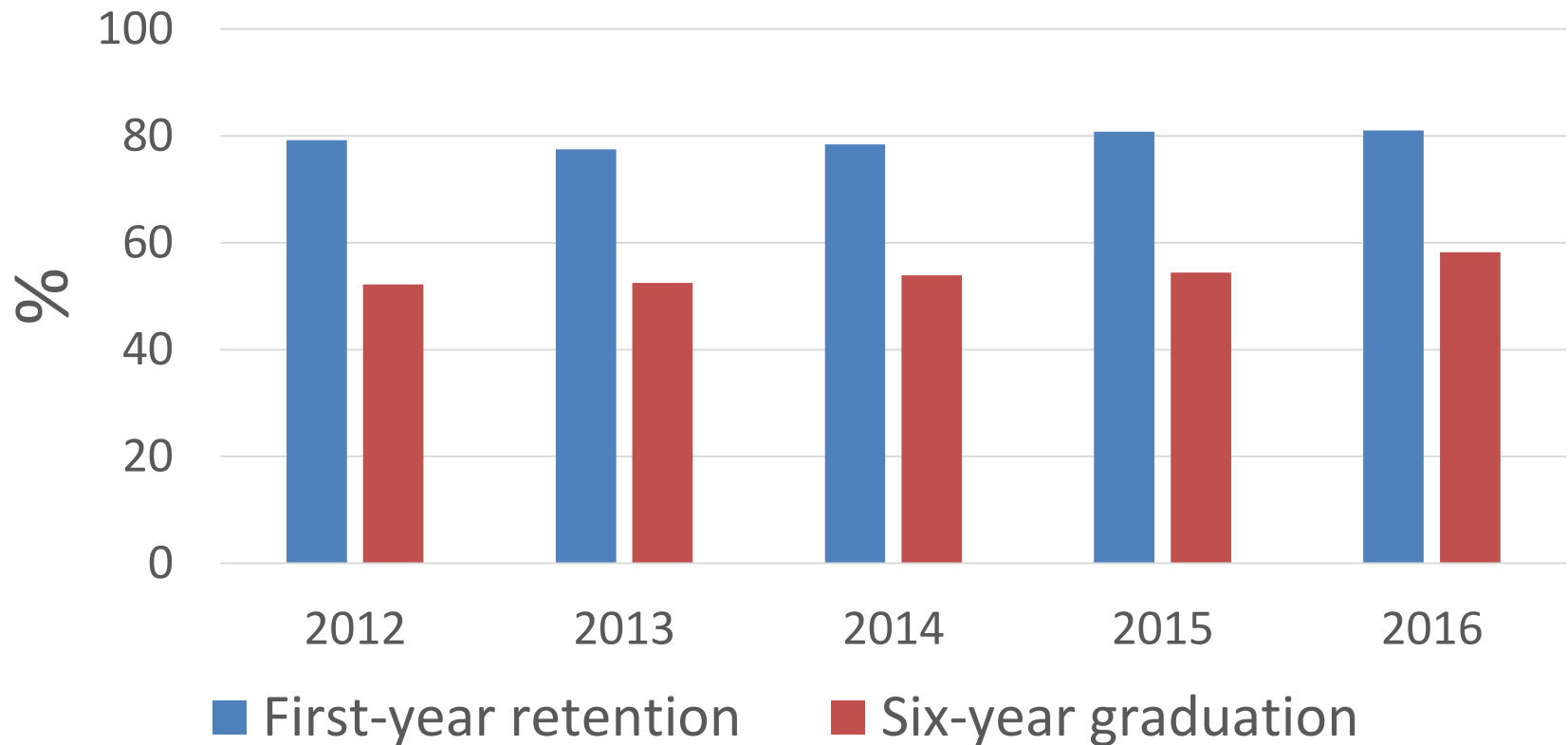
RSCAD – Intramural Funding

- 11 A&S faculty received USRG awards
- 22 A&S faculty received FDAs
- **12 A&S faculty received A&S Faculty Enhancement Awards in FY16**
- Funding Agencies Visit
 - 6th year of implementation
 - Served 66 unique faculty
 - Prior recipients have submitted conference papers, had international art exhibitions, multiple soloist invitations, published articles, completed book manuscripts, submitted and received extramural funding for RSCAD.



UNDERGRADUATE EXPERIENCE

Five-Year Trends in Retention and Graduation Rates



UG Experience – Instructional Improvements Provided by \$8 Fee

	FY 14	FY 15	FY 16
Undergraduate teaching assistants	\$149.5K	\$248K	\$352K
Departmental allocations for supplies, small equipment, technology, classroom improvements, etc	\$389K	\$1.6M	\$1.08M
Large instructional equipment grants	\$451K	\$537K	\$336K

Research and Travel Scholarships

- Expanded opportunities for students to participate in experiential learning and research through new College-level programs

Year	# UG research scholarships	#UG research travel awards
FY 2014	83	36
FY 2015	108	49
FY 2016	59	84

UG Experience – Study Abroad

- Steady increase in number of students choosing international experiences

Year	#
2011-12	126
2012-13	164
2013-14	157
2014-15	171
2015-16	223

Student Awards –Nationally Competitive Scholarships

- *Goldwater Scholars* – up to \$7500/yr
 - 2012: Angela Grommet, Chemistry
 - 2013: Jenny Barriga, Chemistry
 - 2014: Max Goering, Mathematics and Christine Spartz, Chemistry
 - 2015: Joshua Nelson, Physics
 - 2016: Adam Schieferecke, Microbiology
- *Benjamin A. Gilman International Scholars* - \$5000 awards
 - 2011-12: Justine Gruen, Social Science
 - 2013-14: Micah Wilcher, History; Khiana Harris, Anthropology and Psychology
 - 2014-15: Marcus Dominguez, Sociology
 - 2015-16: Julia Chestnut, Anthropology; Sabrina Gragg, Fisheries, Wildlife & Conservation Biology; Joshua Edgar, History & Political Sciences; Jerusha Matthews, Fisheries, Wildlife & Conservation Biology

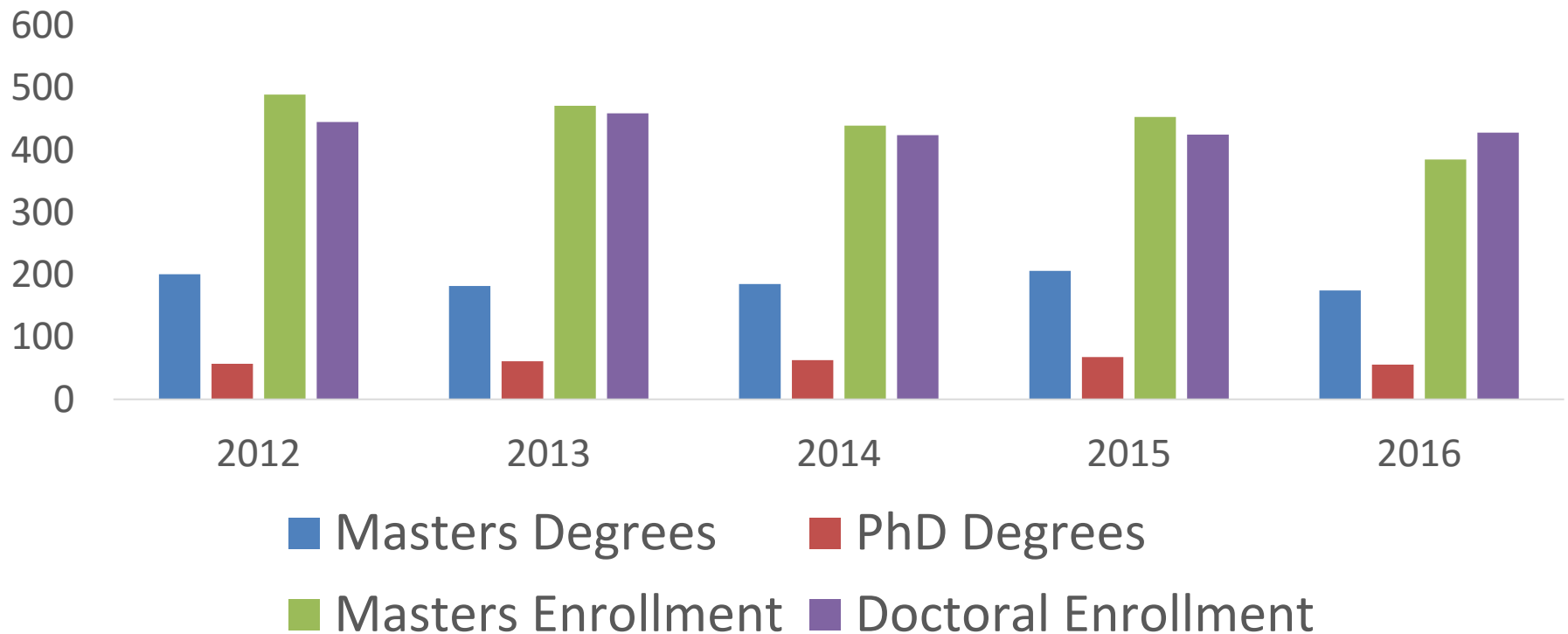
Student Awards –Nationally Competitive Scholarships, cont.

- *Marshall Scholars* – up to 2 yrs graduate study
 - 2015 Jordan Thomas, Anthropology
- *Truman Scholars* – up to \$30K for graduate study
 - 2014: Ross Allen, Philosophy and Economics
- *Pi Kappa Phi National Fellows* - \$5000
 - 2013: Brett McCandless, Music and Social Science
 - 2014: Jenny Barriga, Chemistry
 - 2016: Jessica Wheeler, Biochemistry
- *Other nationally competitive scholarships:*
 - Joel Blankenship, Political Science, History, and International Studies, David L. Boren Scholar
 - Shai Washington, Political Science, Pickering Foreign Affairs Fellowship



GRADUATE EXPERIENCE

Graduate Enrollment and Degree Production



Nationally Competitive Grad Fellowships/Honors

- Attend Lindau Nobel Laureate meeting
 - 2011-12: Nora Johnson, Physics
 - 2012-13: Elizabeth Ploetz, Chemistry
 - 2013-14: Heieh Shadmani, Economics
 - 2014-15: Courtney Passow, Biology
- NSF Graduate Research Fellowships
 - 2013: Derrek Wilson, Physics
 - 2015: Matthew Gallart, Biology
 - 2016: Ryan Greenway, Biology, Obdulia Covarrubias, Chemistry, Catherine Hill, Psych Sci
- David S. Boren Fellowship
 - 2013: Tony Demchak, History
- National Defense Science & Engineering Grad Fellowship
 - 2014: Adam Summers, Physics

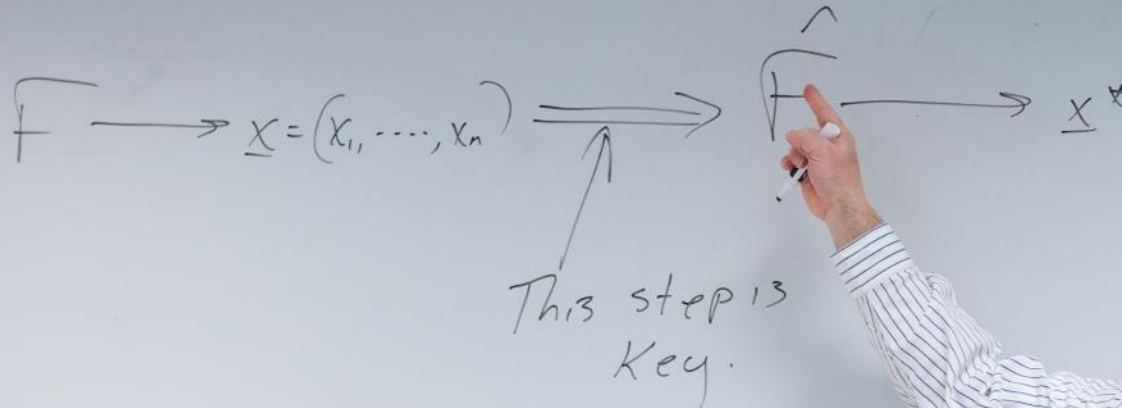


ENGAGEMENT, EXTENSION, OUTREACH, AND SERVICE

Diversity Initiatives and Achievements

- ArtSci involvement in SACNAS chapter
- **Diversity overlay in all college degrees**
- Student Diversity Summit in April 2016
- Multicultural Student Day
- Tilford Conference in October 2016
- Voices of Discovery group
- Junction City HS College for a Day program

The usual EDF works well for \hat{F} if random sample



FACULTY AND STAFF

University Theme 5 – Faculty and Staff

- College goals:
 - Enhance faculty and staff salaries where possible
 - 2012-13: 17.6% rank-by-rank deficit (APLU)
 - 2014-15: 12.7% rank-by-rank deficit (APLU)
 - 2015-16: 12.9% rank-by-rank deficit (APLU)
- Utilize targeted enhancements to retain high-performing faculty

Faculty Recruitment

- 18 retirements in FY16 (open in FY17)
- Currently searching for 16 new faculty
- 1 five-year department head review
- Opened 120 new sections to address enrollment growth since FY12

Faculty Awards/Recognition

- *UDPs*: Bharat Ratra, Physics, 2016; Wayne Goins, MTD, 2015; Yolanda Broyles-Gonzalez, Ryszard Jankowiak, Philip Nel, 2013; Christer Aakeroy, Chemistry, Itzik Ben-Itzhak, Physics, Susan Brown, Biology, Ruth Welti, Biology, 2012
- *Coffman Chair for Distinguished Teaching Scholars*: Donald Saucier, Psych Sci, 2015-16; John Fliter, Political Sciences, 2013-14
- *Commerce Bank Distinguished Graduate Faculty Award*: Philip Nel, English, 2011-12; Bharat Ratra, Physics, 2012-13; Daniel Higgins, Chemistry, 2013-14; Uwe Thumm, Physics, 2014-15

State, National & International Awards to Faculty

Year	Awards
2012	Matthias Kling, Physics, Dept of Energy Early Career Research Award
2013	Greg Eiselein, English, 2013 CASE Kansas Professor of the Year Uwe Thumm, Physics, Humboldt Research Award
2014	Susan Brown, Biology, Higuchi Research Achievement Award Andrew Ivanov, Physics, Dept of Energy Early Career Research Award Dean Zollman, Oersted Medal Uwe Thumm, Physics, Humboldt Foundation Research Award
2015	Christine Aikens, Chemistry, American Chemical Society Lectureship Darren Epping, Comm Studies (Forensics); Outstanding Young Coach of the Year
2016	Christer Aakeroy, Chemistry, Higuchi Research Achievement Award Philip Nel, English, Higuchi Research Achievement Award

Society Fellow Recognitions for Faculty

Year	Awards
2012	John Blair, Biology; Ron Trewyn, Biology; Ruth Welti, Biology; AAAS Peter Dorhout; American Chemical Society
2013	Walter Dodds, Biology, and Donald Kaufman, Biology; AAAS
2014	Chris Sorenson, Physics; AAAS
2015	Walter Dodds, Biology; Ass'n for Sciences of Limnology & Oceanography Michael Kanost, Biochemistry & Molecular Biophysics; Entomological Society of America John Blair, Biology; Ecological Society of America Charles G. Oviatt (emeritus); Geology, Geological Society of America
2016	Walter Dodds, Biology; Society for Freshwater Science



FACILITIES AND INFRASTRUCTURE

Space Migration

- A&S Dean's Office, History, Political Science moving into Calvin Hall, January 2017
- Comm Studies/MTD/Geology reconfiguration and new space in Nichols Hall, Summer 2016
- Modern Languages/Geography reconfiguration and new space in Eisenhower Hall (in conjunction with Graduate School), Summer 2017
- Chapman Center/Mathematics new space in Leasure Hall, early 2017
- Center for Research and Education in STEM Education new space in Anderson Hall, Summer 2016
- English adding space in E/CS, Summer 2017

Health & Safety Improvements

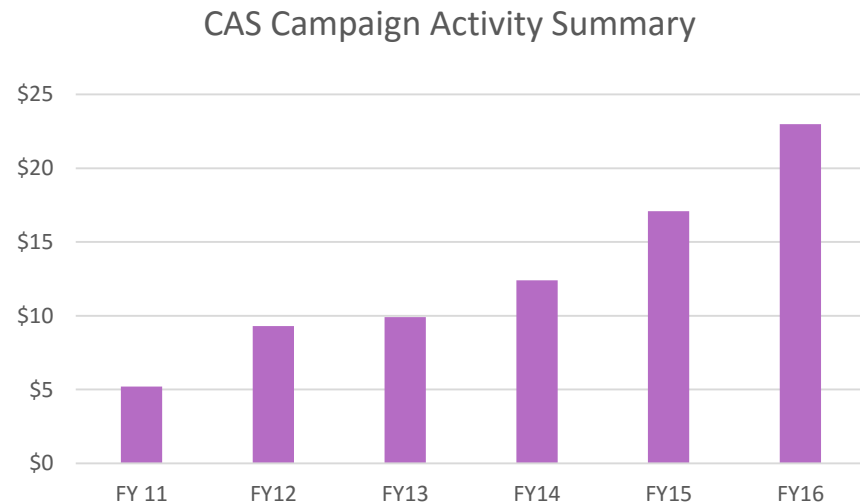
- Willard Phase 3 HVAC and safety improvements for Photography and Printmaking
- Willard Phase 4 Ceramics ventilation and safety improvements
- McCain Costume Shop mold remediation and ventilation improvements
- Bluemont fume hood replacement for Psych Sci

Major Space Additions/Remodels

- Leasure office suite for American Ethnic Studies
- Waters office suite and studio for SASW new faculty member
- 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
- A&S has 26 buildings with over \$87M in R&R needs per 2010 KBOR report

Fundraising Highlights

- Steady, annual progress on \$100M goal
 - FY11: \$5.2M
 - FY12: \$9.3M
 - FY13: \$9.9M
 - FY14: \$12.4M
 - FY15: \$17.1M
 - FY16: \$22M
- Now at \$76.5M
- Endowment growing (\$100M goal)
 - FY16: \$54.8M

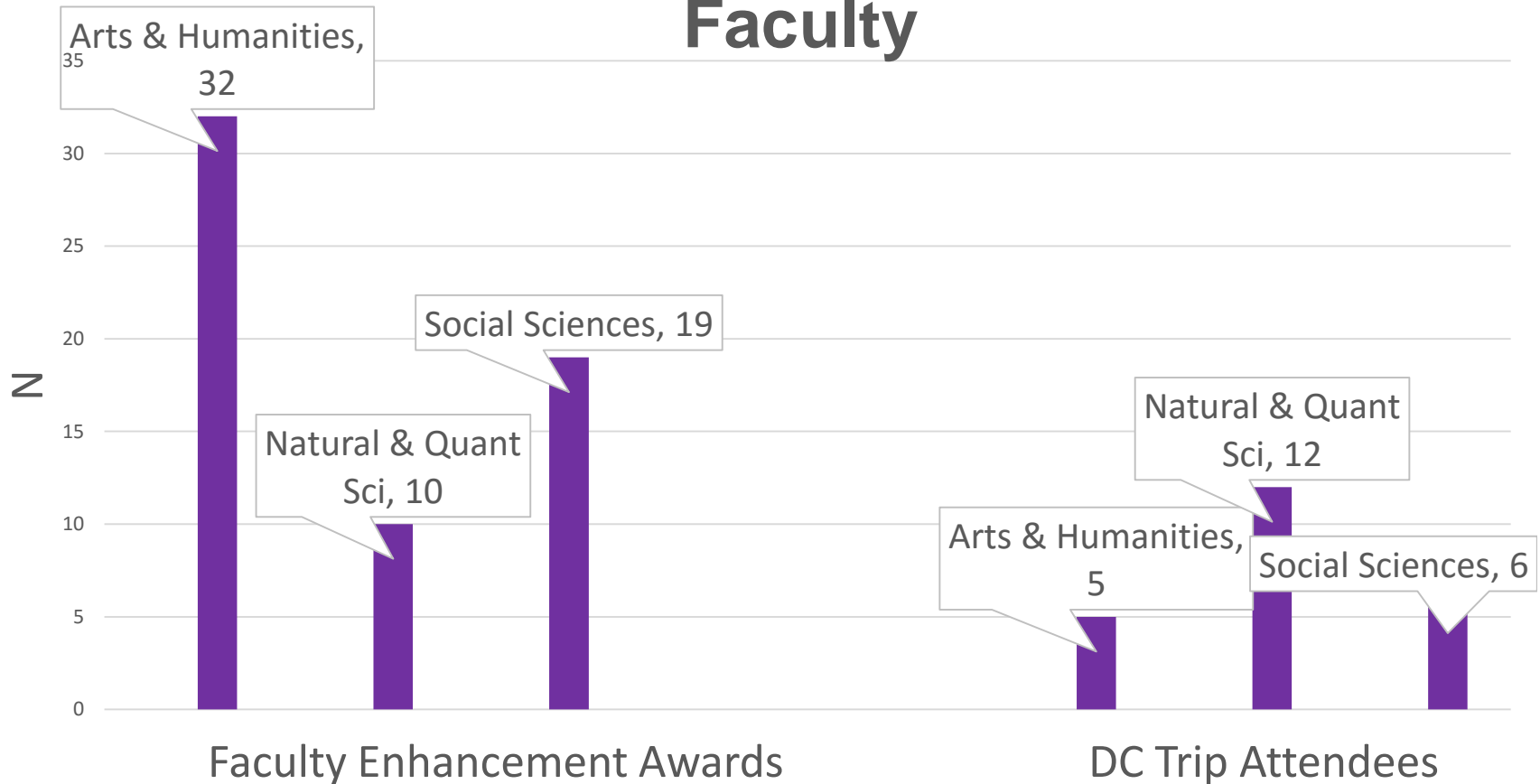


	University Benchmark Goal	College Baseline	FY15-16	College Goal
●	B-1 Research expenditures	\$31.2M	\$28.4M	\$49M
●	B-2 Endowment	\$39M	\$55M	\$100M
●	B-3 NAS/NEH members	0	0	3-5
●	B-4 Faculty awards	6	11	12
●	B-5 PhDs per year	57	63	90
●	B-6 Fr/Sophomore retention	77%	81%	90%
●	B-7 6-yr grad rate	53%	58%	70%
●	B-8 UG research participation	?	59 A&S scholarships*	TBD

Challenges

- Recruitment and Retention of faculty
- Recruitment and retention of students
- Provide incentives for RSCAD. Next growth in RSCAD will come from multi-investor and many single-investigator grants (NIH, DoD gap)
- Delicate balance between how to fund and maintain high quality of programs.

RSCAD Activities for Early Career A&S Faculty



Recent Developments

- New advisors being hired across college with new fee funds
- **GTA stipends raised to peer median levels for AY 2016-17 across college with new fee funding of \$1.88M**
- New Ron Gaches Teaching Awards
- Olathe high school STEM outreach
- Donor supported faculty research program
- Funding for faculty working to put together large interdisciplinary grant proposals
- Undergraduate Research Opportunities Fair promoted with a scholarship raffle
- UDP videos
- UG research videos
- Recruitment and retention workshops
- Faculty Socials with a theme