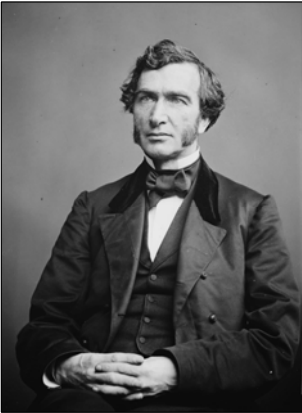


Purpose of the land-grant colleges ...


“... without excluding other scientific and classical studies and including military tactic, to teach such branches of learning as are related to agriculture and the mechanic arts, **in such manner as the legislatures of the States may respectively prescribe**, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life.”


Morrill Acts of 1862 and 1890



Justin Smith Morrill

1






United States Department of Agriculture

National Institute of Agriculture

NIFA LAND-GRANT COLLEGES AND UNIVERSITIES


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2




College of Agriculture and Life Sciences

College Leadership



Patrick Stover, Ph.D.
 Vice Chancellor and Dean, Agriculture and Life Sciences
Bio and responsibilities
 Phone: 979-845-4747
 Email: stover@ag.tamu.edu
 Executive Assistant: Kelsey Agnew



Clare Gill, Ph.D.
 Executive Associate Dean and Associate Dean for Research
Bio and responsibilities
 Phone: 979-847-9325
 Email: clare.gill@ag.tamu.edu
 Assistant: Shannon Prescott

Academic Departments

1. Agricultural Economics (AGEC)
2. Agricultural Leadership, Education and Comm. (ALEC)
3. Animal Science (ANSC)
4. Biochemistry and Biophysics (BICH)
5. Biological and Agricultural Engineering (BAEN)
6. Ecosystem Science and Management (ESSM)
7. Entomology (ENTO)
8. Horticultural Science (HORT)
9. Nutrition and Food Science (NFSC)
10. Plant Pathology and Microbiology (PPLM)
11. Poultry Science (POSC)
12. Recreation, Park and Tourism Science (RPTS)
13. Soil and Crop Sciences (SCSC)
14. Wildlife and Fisheries Science (WFSC)

3



College Priorities

- Grand Challenges



PROTECTING
OUR ENVIRONMENT

ENRICHING
OUR YOUTH

IMPROVING
OUR HEALTH

GROWING
OUR ECONOMY

FEEDING
OUR WORLD

4



College Priorities

- Grand Challenges
- **High-Impact Learning**

Undergraduate research



Study abroad




Community Service



Internships




5



College Priorities


- Grand Challenges
- High-Impact Learning
- **Science, Technology, Engineering and Mathematics (STEM)**

65% of degree programs are STEM related




College of Agriculture & Life Sciences • Texas A&M University

67% of degree programs in Texas A&M's College of Agriculture & Life Sciences are STEM related




College of Agriculture & Life Sciences • Texas A&M University

53% of degrees awarded by Texas A&M's College of Agriculture & Life Sciences were STEM related




College of Agriculture & Life Sciences • Texas A&M University

26% of Texas A&M's STEM degree programs are in the College of Agriculture & Life Sciences



College of Agriculture & Life Sciences • Texas A&M University


6



College Priorities


- Grand Challenges
- High-Impact Learning
- Science, Technology, Engineering and Mathematics (STEM)
- **International Programs**

7




Map Satellite

International Opportunities for Faculty




Map Satellite

Study Abroad & International Programs for Students



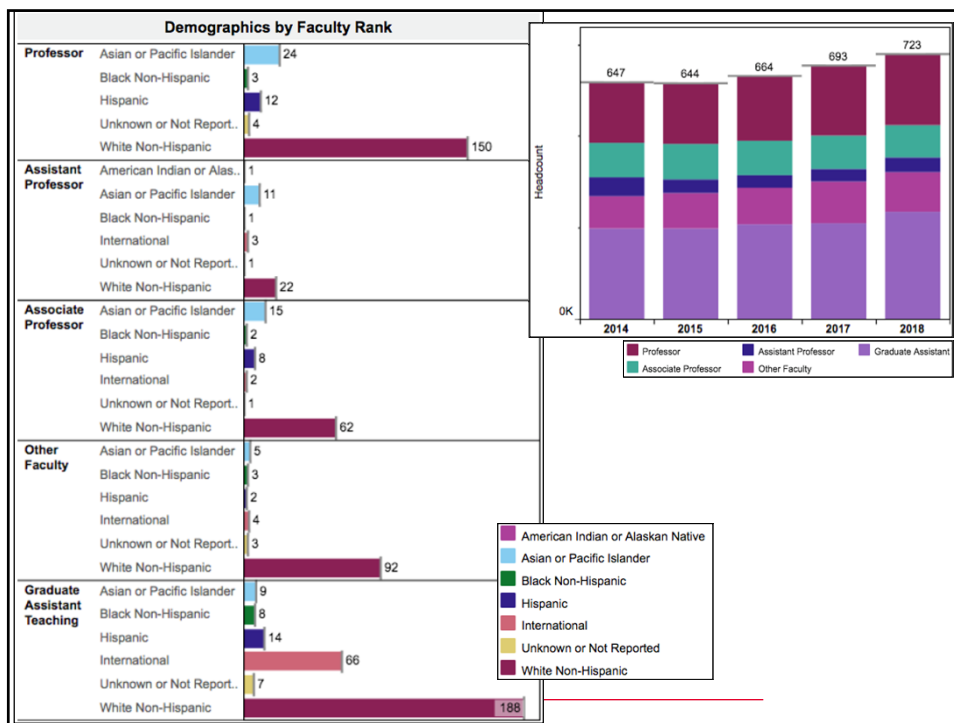
8



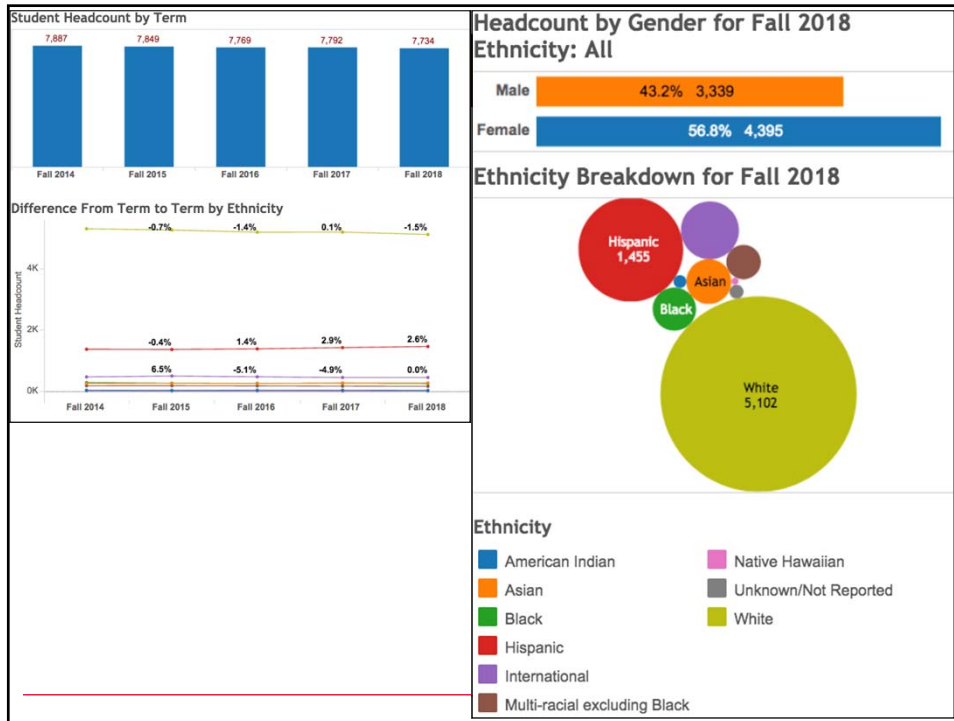
College Priorities

- Grand Challenges
- High-Impact Learning
- Science, Technology, Engineering and Mathematics (STEM)
- International Programs
- **Diversity**

9



10

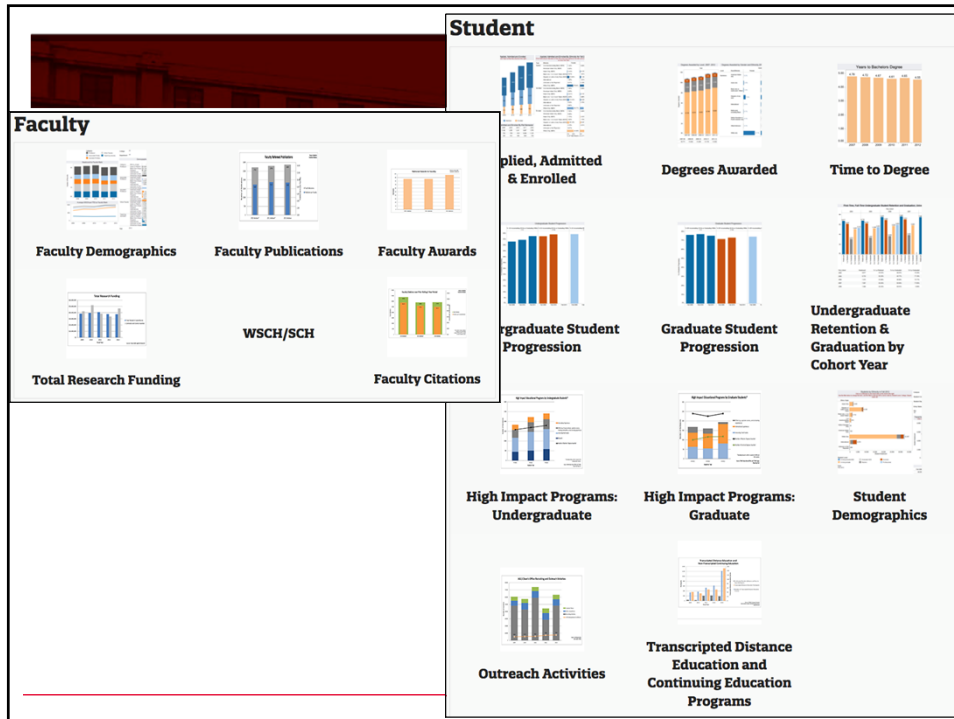


11

College Priorities

- Grand Challenges
- High-Impact Learning
- Science, Technology, Engineering and Mathematics (STEM)
- International Programs
- Diversity
- **Accountability**

12




13

College Priorities

- Grand Challenges
- High-Impact Learning
- Science, Technology, Engineering and Mathematics (STEM)
- International Programs
- Diversity
- Accountability


14




WFSC statement of values

“The faculty, staff, and students of the Department of Wildlife and Fisheries Sciences value scholarship in all its forms – discovery, integration, application, and teaching. **We value understanding for its own sake**, for the betterment of people, and for the conservation of the natural world. The department encourages, appreciates and rewards various forms of scholarly activity in teaching, research, extension, and public service, including integration of these activities. Diverse viewpoints, ethical consideration, and approaches to pursuing and manifesting scholarship, including constructive criticism, are accepted and nurtured.”

15




Dr. Meta Brown (1911-95)




- Grew up in San Antonio
- PhD from Univ Texas
 - Hermann Muller – Nobel Laureate
- Married Sidney Brown, Ph.D. – Biology
- Both hired by Texas A&M in 1938
 - Special permission by the Governor

16




Dr. Meta Brown



- 1st Female Assistant Professor (Department of Soil and Crop Sciences) – 1940
- 1st Female Associate Professor – 1948
- 1st Female Full Professor – 1955
- Leading authority on cotton cytogenetics

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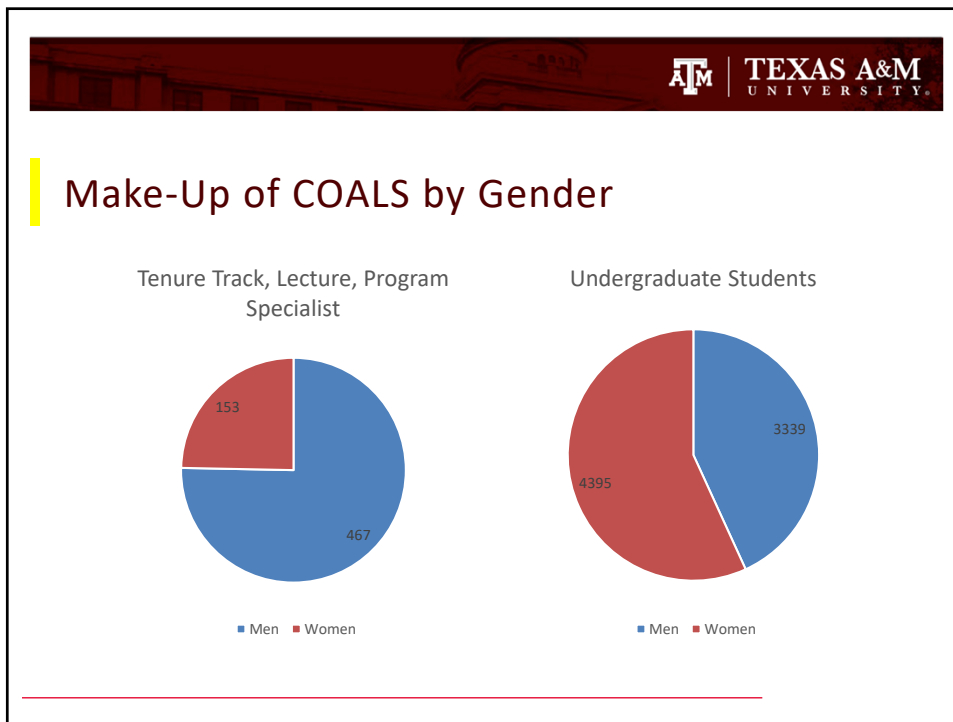


Women-operated farms

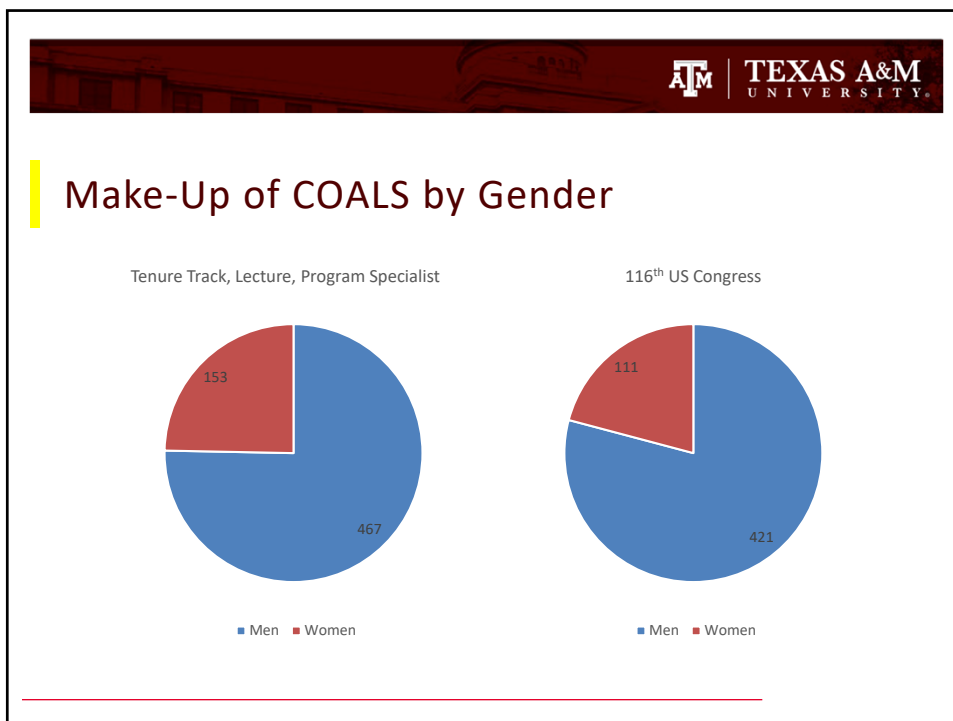
- Increasing
 - 121,600 (1982) to 306,200 (2007)
- Most are small
 - 75% have < \$10,000 sales
 - 5% have > \$100,000 sales
- Half specialize in grazing livestock

USDA ERS (EIB-111), 2013


18



19



20

 **TEXAS A&M**
UNIVERSITY

Dr. Fierke's Message to COALS

March 11, 2019

- Improve retention and graduation rates of UG students
- Faculty need more citations & awards
- Promotion and Tenure
 - Higher standards and explain impacts
- Improve faculty mentoring at all levels
- Increase tenure track faculty, diversity and members of National Academies

