

COMPETITIVE ACADEMIC ENTERPRISE



Division of Academic Affairs
Board of Trustees Retreat
July 16, 2021

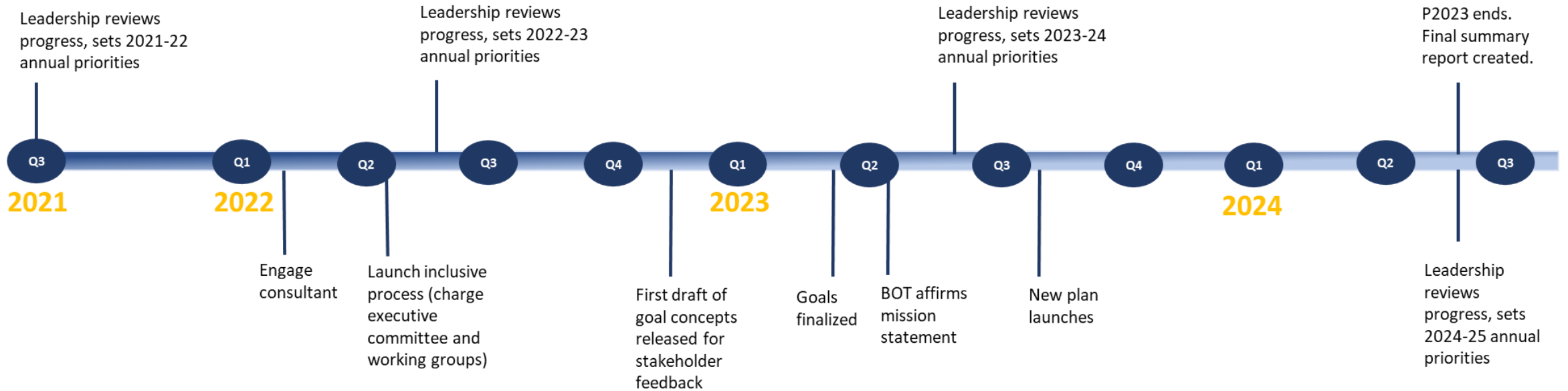
STRATEGIC PLANNING



Dr. Courtney Thornton

Vice Provost for Strategic Planning and Institutional Effectiveness

Preeminence 2023



Next Strategic Plan

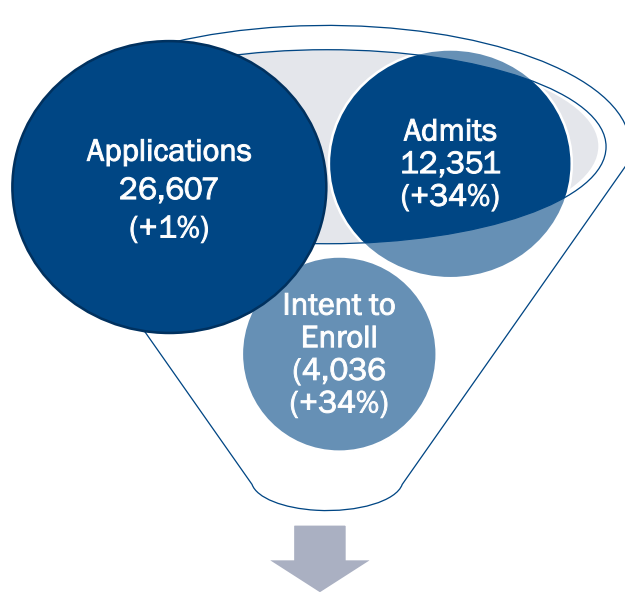


ENROLLMENT GROWTH AND CONTINUED OPPORTUNITIES FOR ONLINE LEARNING



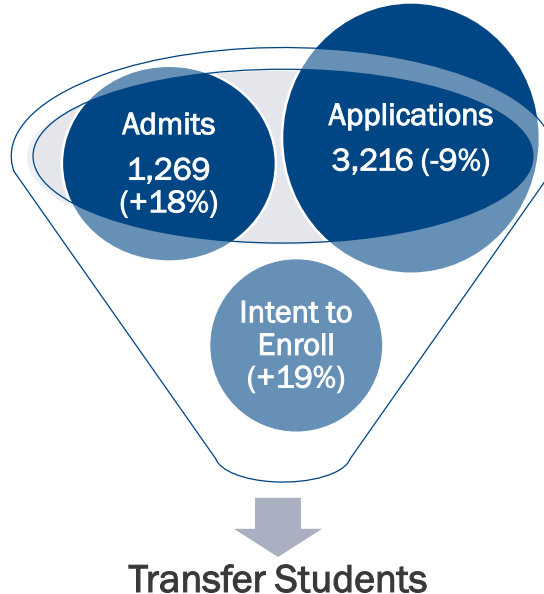
Dr. Beryl McEwen

Provost and Executive Vice Chancellor for Academic Affairs

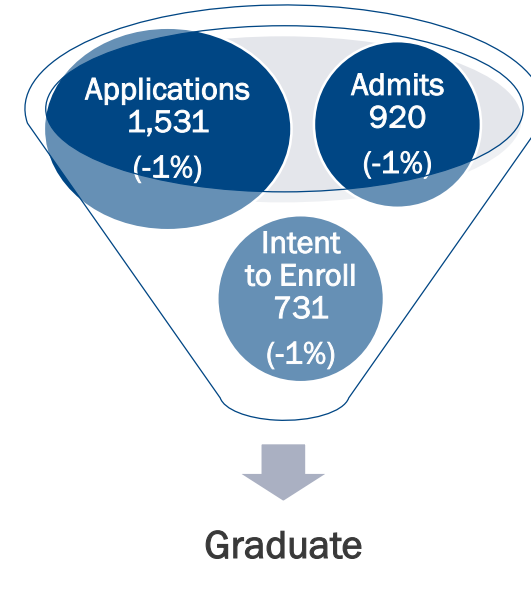


Freshman Class
3.75 GPA; 1084 SAT; 20 ACT

Undergraduate Awards

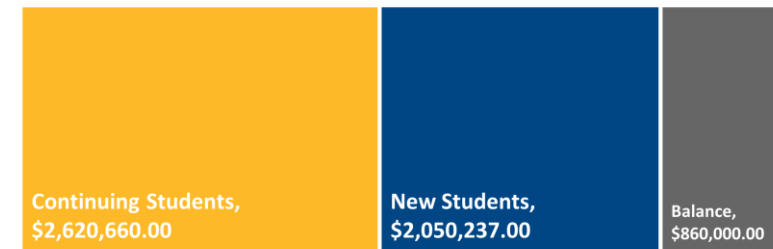


Transfer Students



Graduate

Graduate Awards



■ Awarded to New Students ■ Balance

■ New Students ■ Continuing Students ■ Balance

As a result of COVID-19, N.C. A&T has implemented significant classroom technology upgrades and launched new tools to automate processes.

- 36 classroom and 2 lab installations for new teaching technology
- 26 classroom upgrades in STEM Early College and Middle College
- 163 microphone and camera installations to support blended learning
- Initial implementation of AdobeSign with Title III office and annual Conflict of Interest approvals

The unintended benefits of COVID-19: Significantly more progress toward online education. N.C. A&T has pursued new online programs and engaged in certifications for workforce preparedness, while also investing in quality support services for our students and continuing professional development for faculty.

- Two new certificate programs approved and are currently being delivered online.
- Five Engineering master's proposals prepared for online delivery and submitted to UNC SO.
- Faculty-centered, sustainable processes implemented to ensure high quality online courses.
 - 369 *Quality Matters* reviews for new online courses developed by 229 faculty
 - 71 faculty *master course coordinators* now support a portfolio of master course reviews
- Student-centered support services, including
 - counseling services
 - career services

INCREASING UNIVERSITY RESEARCH COMPETITIVENESS



Dr. Sherine Obare, Dean, Joint School of Nanoscience and Nanoengineering

Dr. Eric Muth, Vice Chancellor, Division of Research and Economic Development

Outline:

- Vision and the rationale
- Carnegie ranking process
- Where are we now?
- Strategic investments
- Questions/discussion

Vision

By 2030, N.C. A&T will be recognized as a ***Very High Research Activity*** University and will be the top ranked HBCU in research, education, size, and national impact.

Why N.C. A&T? Why Now?

- Strong commitment to historically black colleges and universities by the Biden Administration and Congress.
- Funding for research at HBCUs and MSIs is expected to increase within funding agencies.
- Significant levels of discussions are occurring with AAU and R2 HBCUs

By 2030:

- North Carolina A&T State University will join the top 4.5% universities in the United States and be recognized as a R1 institution by the Carnegie Foundation
- North Carolina A&T State University will not only continue to address some of the nation's most pertinent problems through research but will lead in solving society's most urgent needs through its faculty, students and its state-of-the-art infrastructure.
- By increasing the number of degrees conferred, North Carolina A&T State University will have significant economic impact on Greensboro and the State of North Carolina.

Carnegie Categories

Research Expenditures: STEM vs. Non-STEM

Research Staff

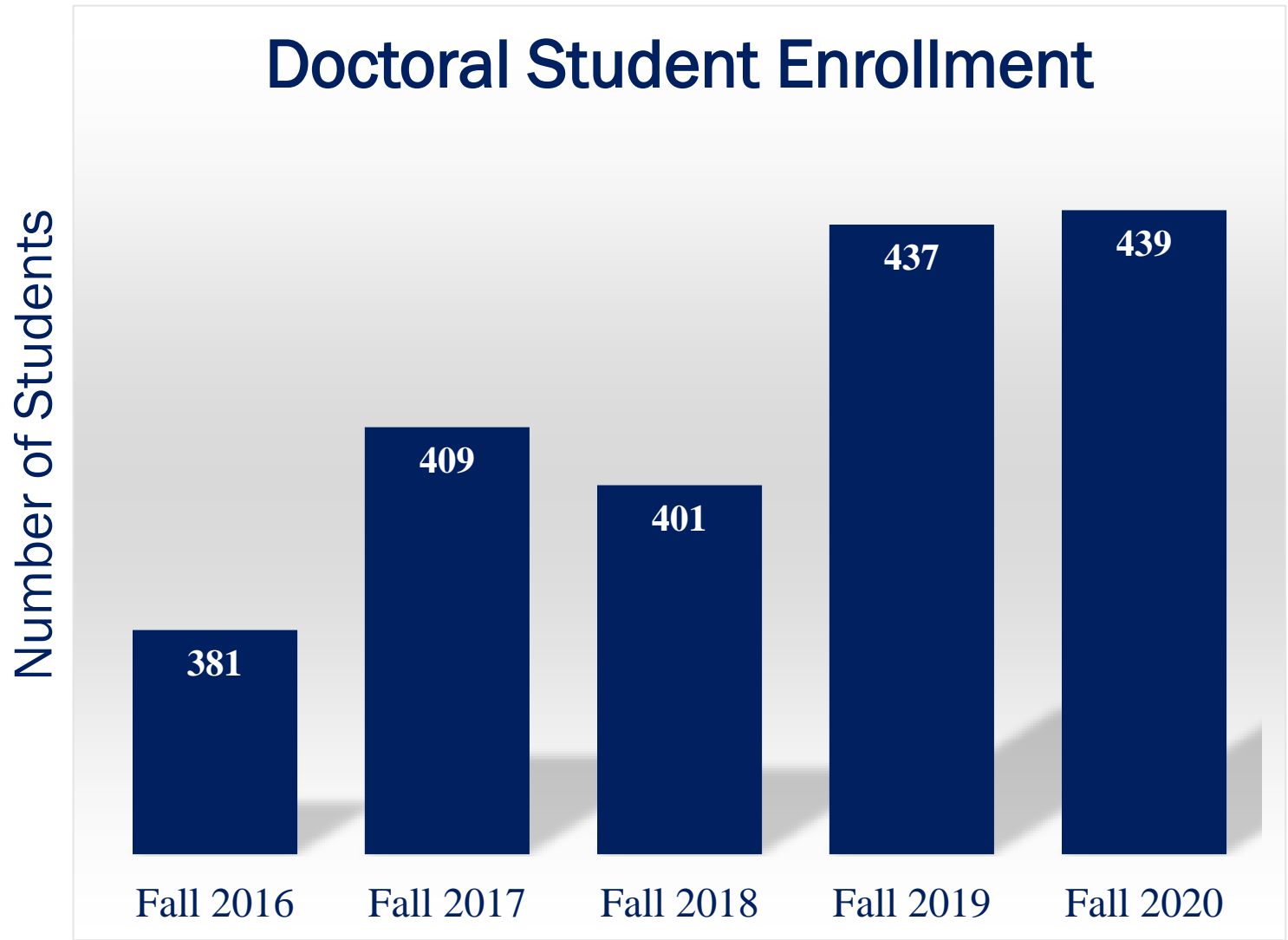
Doctoral Degrees Awarded: STEM vs. Humanities vs. Social Sciences vs. Other

Tenured and tenure-track faculty (*who will dedicate considerable time to research*)

Review Cycles for Carnegie Classifications

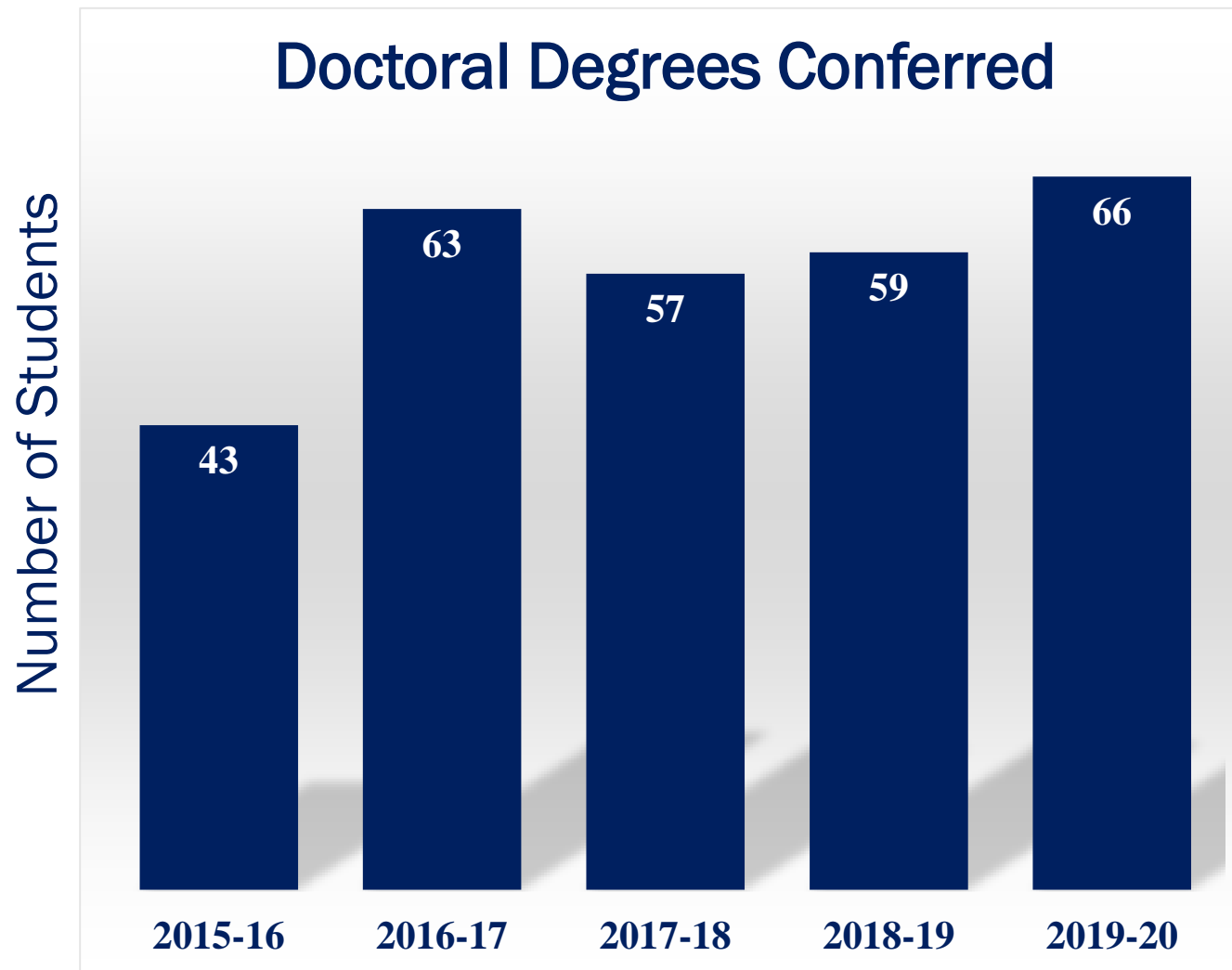


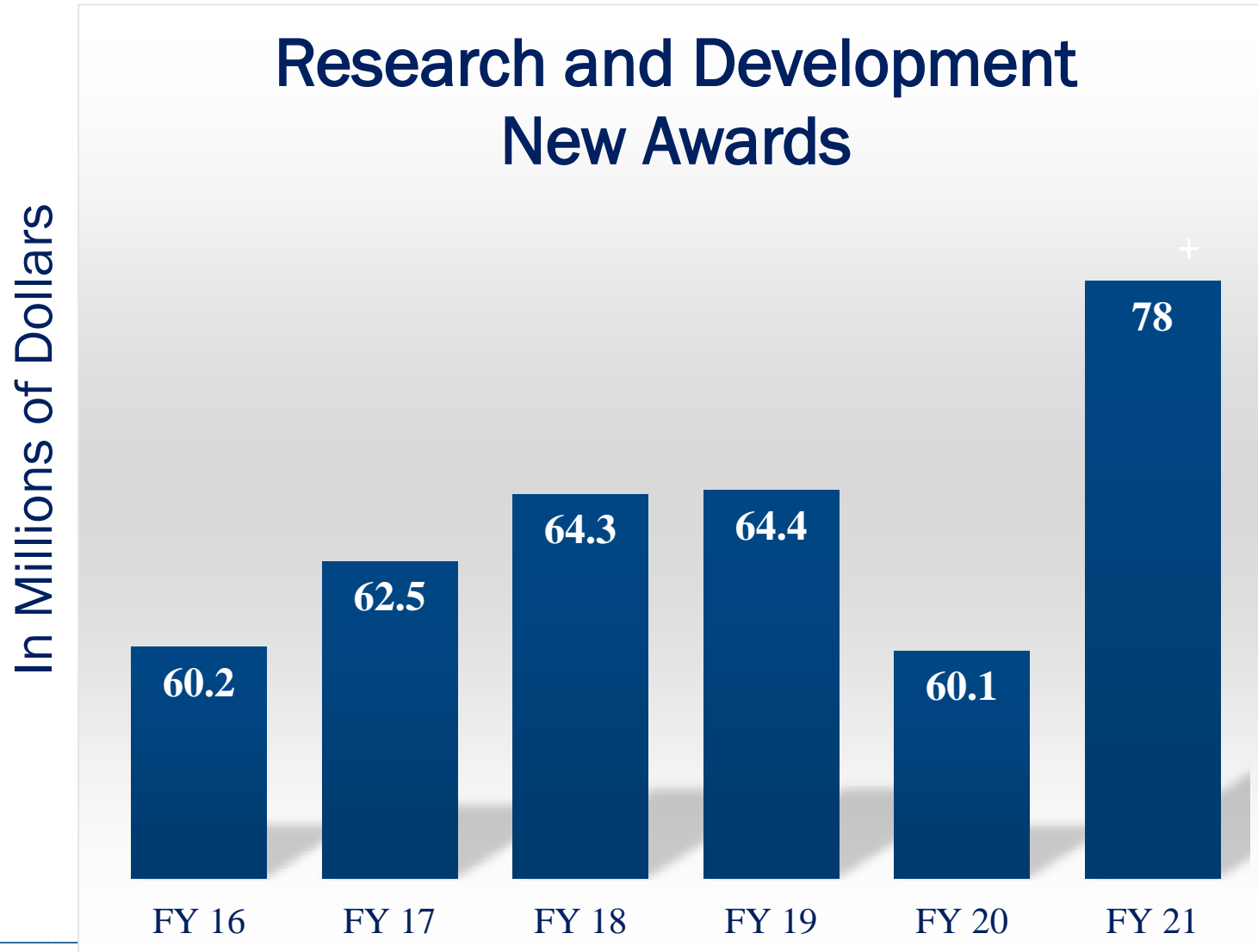
Given the progress we have made over the past 5 years, we expect to surpass the Carnegie Foundation metrics by 2030



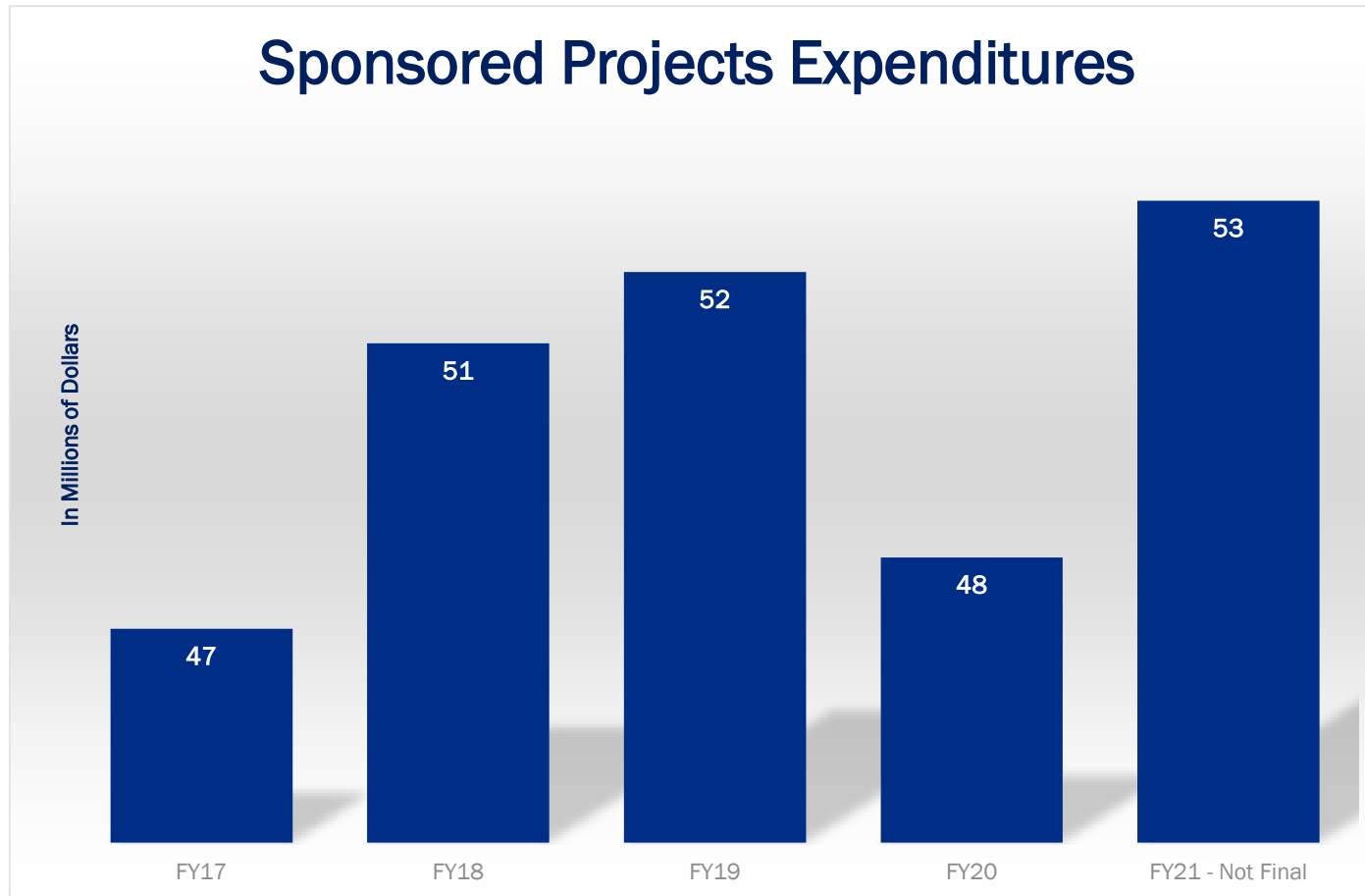
1	Agriculture and Environmental Studies	DOC-RES
2	Applied Science and Technology <ul style="list-style-type: none"> • Applied Chemistry • Applied Physics • Atmospheric, Environmental and Energy Science • Bioscience • Data Science and Analytics • Information Technology • STEM Education • Technology Management 	DOC-RES

3	Computational Data Science and Engineering	STEM
4	Computer Science	STEM
5	Electrical Engineering	STEM
6	Industrial & Systems Engineering	STEM
7	Leadership Studies	
8	Mechanical Engineering	STEM
9	Nanoengineering Concentration in Synthetic Biology	STEM
10	Rehabilitation Counseling and Rehabilitation Counselor Education	
11	Social Work	Social Science





Sponsored Projects Expenditures

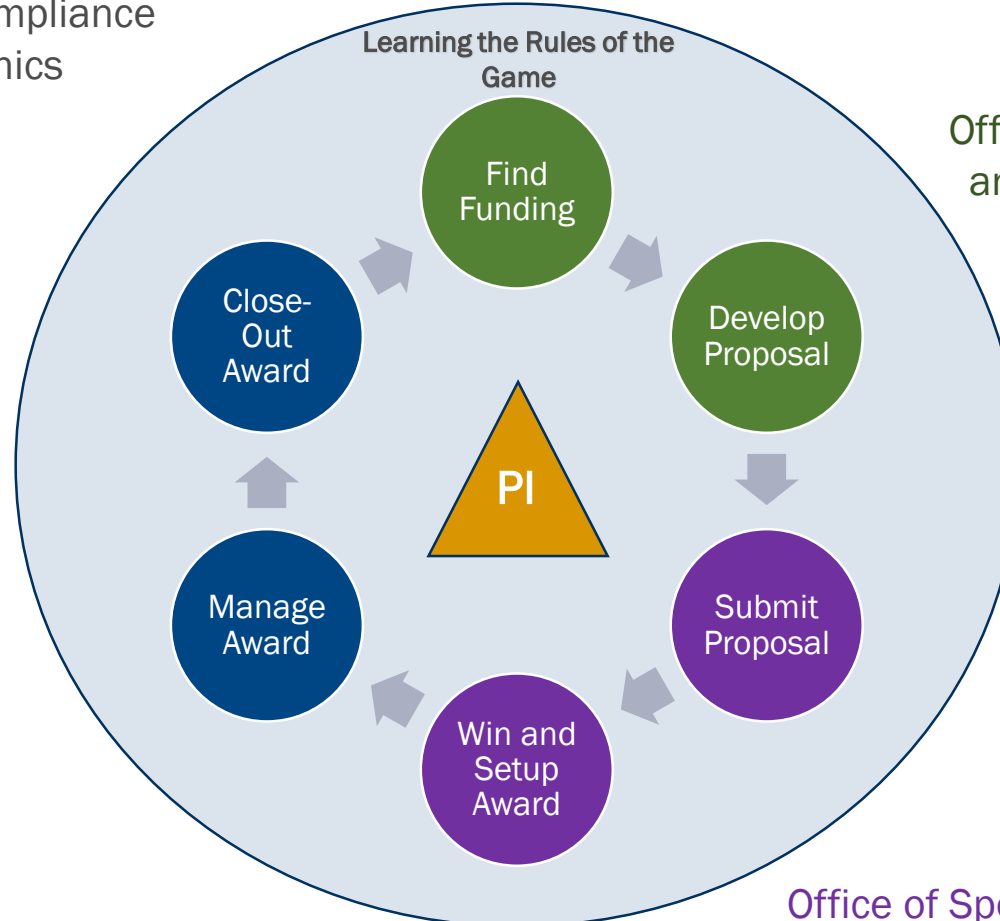


Office of Intellectual
Property Development
and Commercialization

Office of Compliance
and Ethics

Office of Financial
Compliance

Office of Contracts
and Grants



Office of Research Services
and Project Management

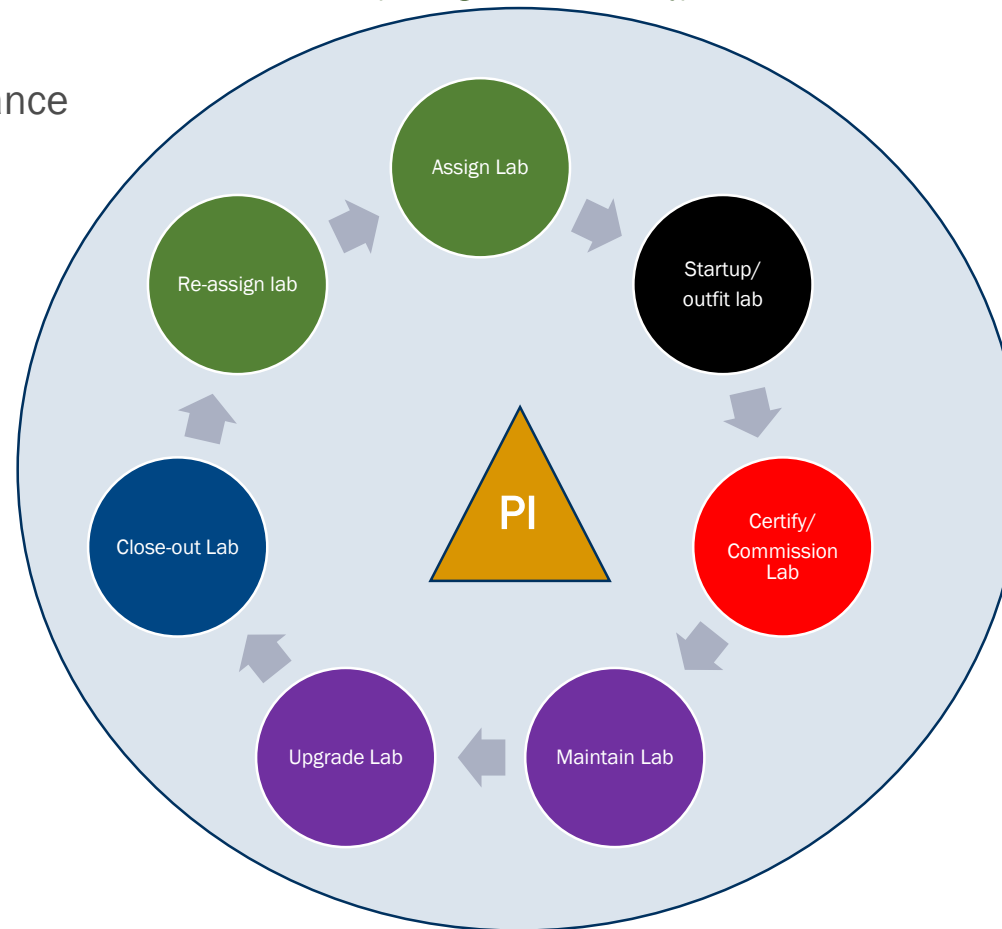
Office of Sponsored
Projects

University Space Committee – maintain inventory
(working to assert authority)

Office of the Vice
Chancellor for
Research and
Economic
Development

Office of Compliance
and Ethics

No-one currently owns
close-out



Academic Affairs/
Colleges/Departments

Environmental Health and Safety

Shared responsibility Facilities,
Building Managers, Colleges, etc.



**INVESTMENT IN
DOCTORAL
ASSISTANTSHIPS**



**SCIENTIFIC
EQUIPMENT**



**NEW
DOCTORAL
PROGRAMS**



**NEW FACULTY
LINES ALIGNED
WITH NEW
PROGRAMS**



**FACILITIES AND
INFRASTRUCTURE**

Questions/Discussion