

OUR UMBC

PRIORITIES AND ACTIONS TO
ADVANCE EXCELLENCE
UNIVERSITY RETREAT 2018



Graduate Student Enrollment, Retention and Success

Janet C. Rutledge
Christopher P. Steele
Lisa Portis Morgan



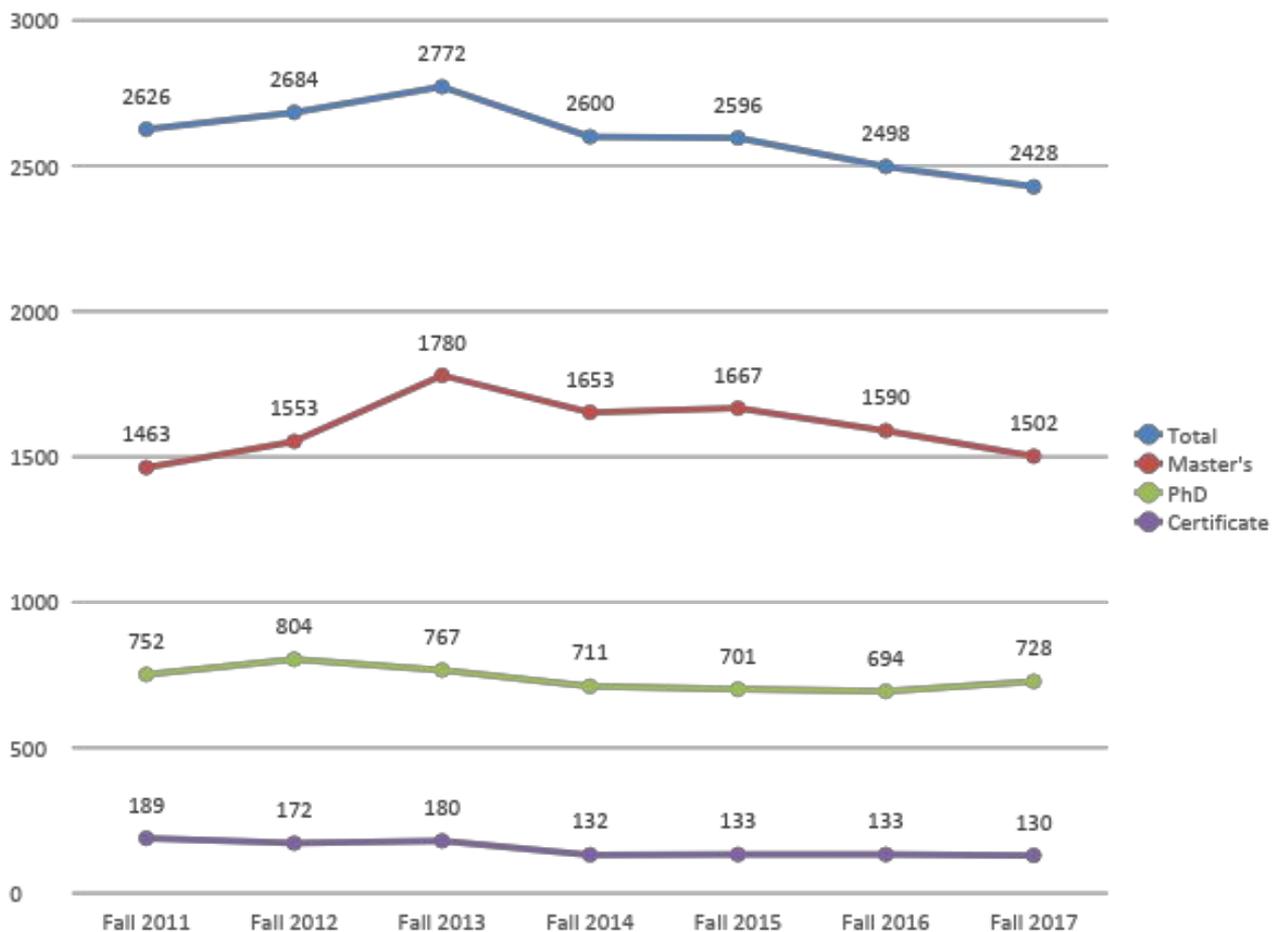


Why Do We Need to Grow Enrollment?

- UMBC is classified as a “Doctoral” University with “Higher” research activity
- Metrics include
 - External grants and contracts
 - Number of Ph.D. graduates
 - Proportion of graduate students
 - Target: greater than 20-25% (3,000 at current UG count)
- Impact on UMBC
 - State provides more money per student
 - Teaching load accommodates time for research
 - Infrastructure in administrative offices



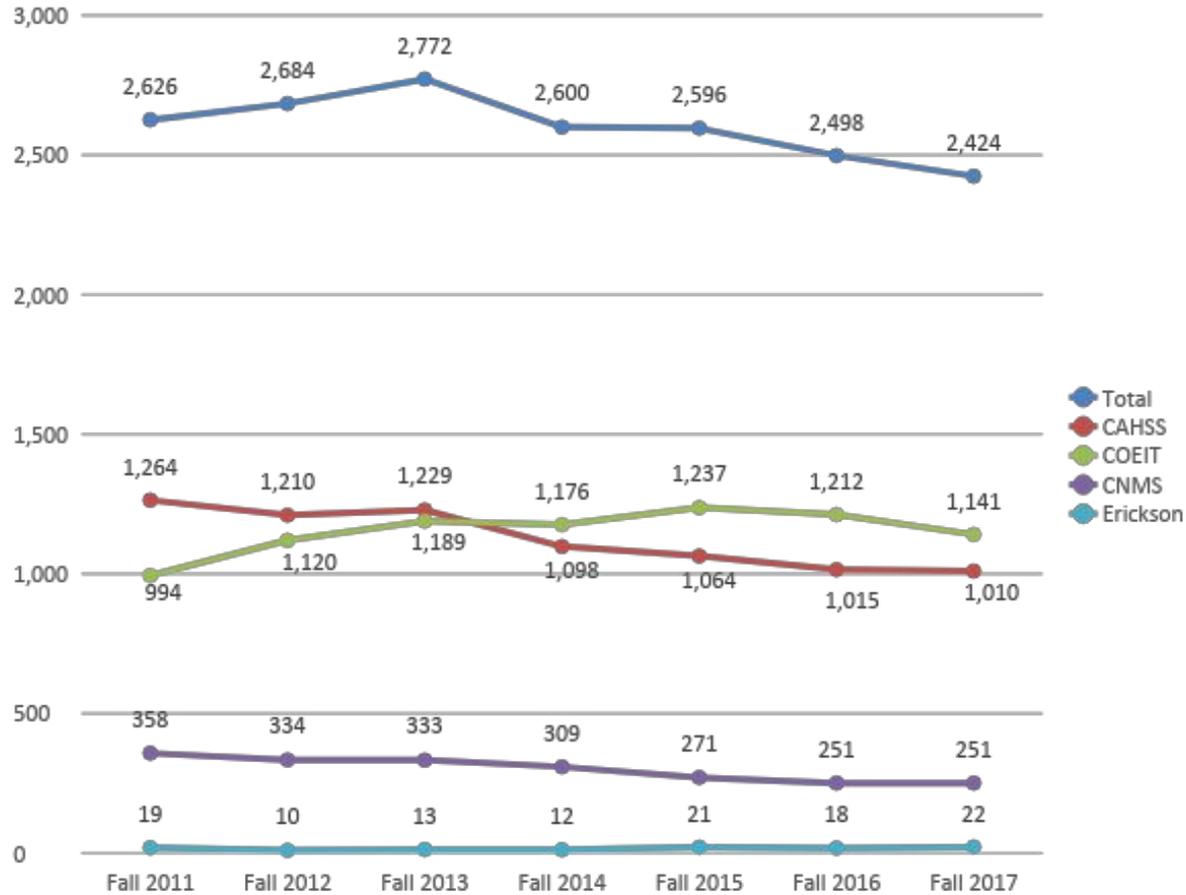
Graduate Enrollment By Degree Objective Fall 2011-2017



Non-Degree
 Enrollment Not
 Shown

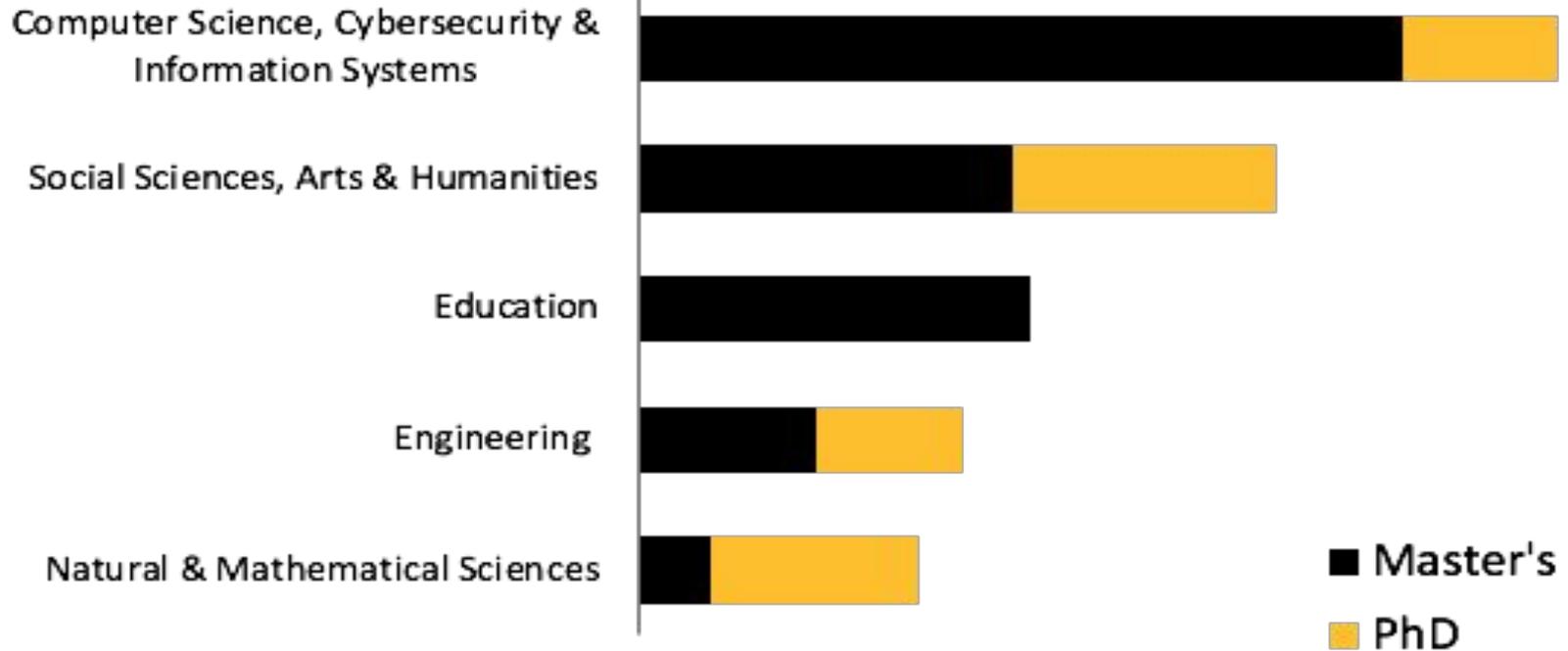


Graduate Enrollment by College 2011-2017





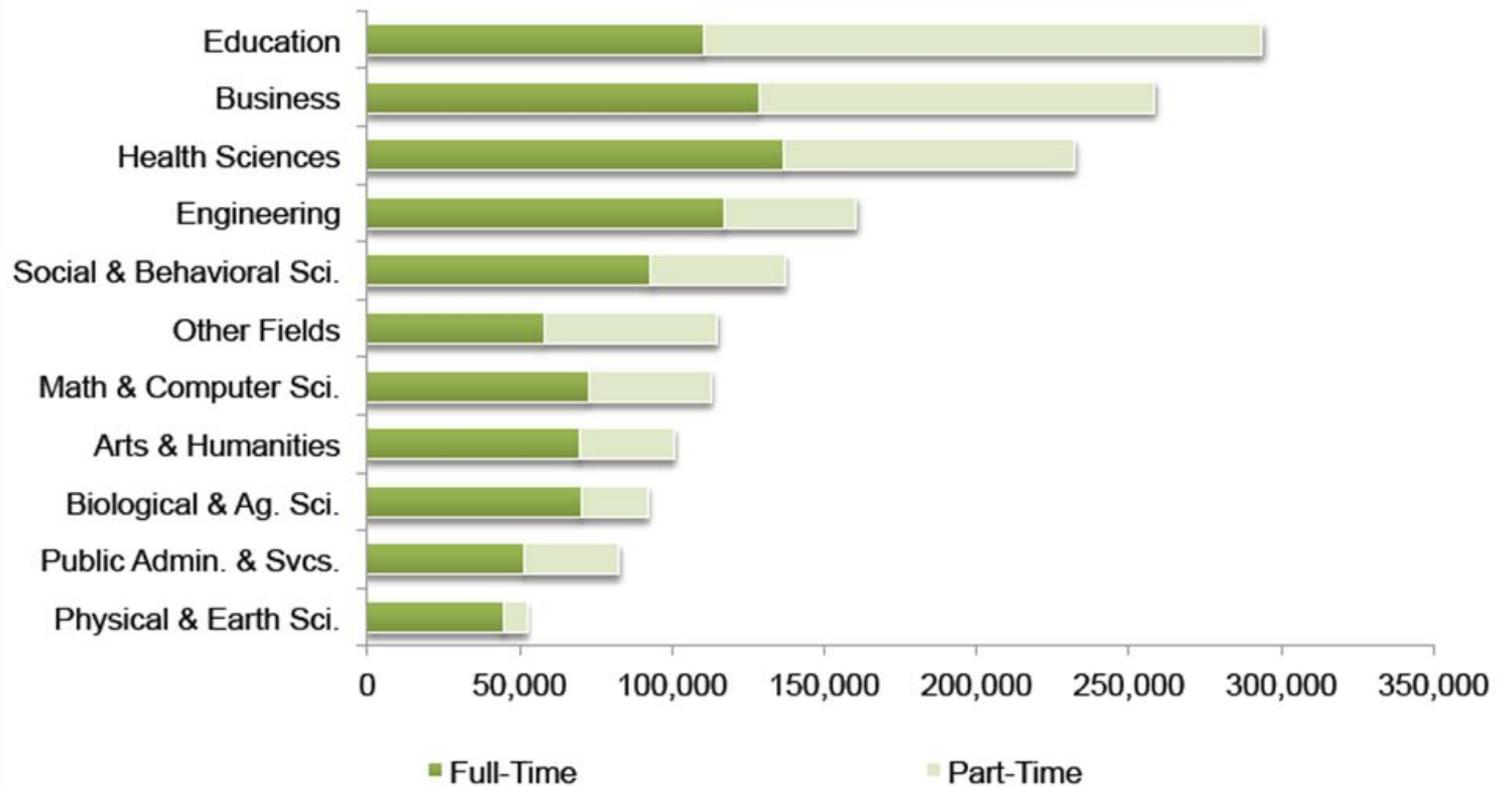
Distribution of Master's and PhD Students by Broad Discipline



Fall 2016



Figure 5. Total graduate enrollment by broad field of study and attendance status, Fall 2016



Source: 2016 CGS/GRE Survey of Graduate Enrollment and Degrees, Table B.13



Strategies to Grow Masters / Certificate Enrollment

New Masters and Certificate Programs (2016-18):

- MPS and Post-Bacc Cert in Data Science (COEIT, CAHSS, CNMS)
- MPS in Entrepreneurship, Innovation, & Leadership (CNMS, COEIT, CAHSS)
- MPS in Technical Management (COEIT)
- Post-Bacc Cert in Integrated Product Development & Manufacturing (COEIT)
- Post-Bacc Cert in Project Management (COEIT)

New Programs in Development for 2018/2019 launch

- MPS in Community Leadership (CAHSS)
- Post-Bacc Certificate in Cyber Forensics (CSEE)
- Post-Bacc Certificate in College Teaching and Learning Science (Psychology)



Expanding the Reach of Masters/Cert. Programs

- All three colleges have introduced applied graduate programs at The Universities at Shady Grove.
- The Graduate School, Division of Professional Studies, and Division of Information Technology are partnering to enhance tools for digital blended learning.
- GS, DPS, and Institutional Advancement are partnering share an integrated institutional marketing message for all applied programs.



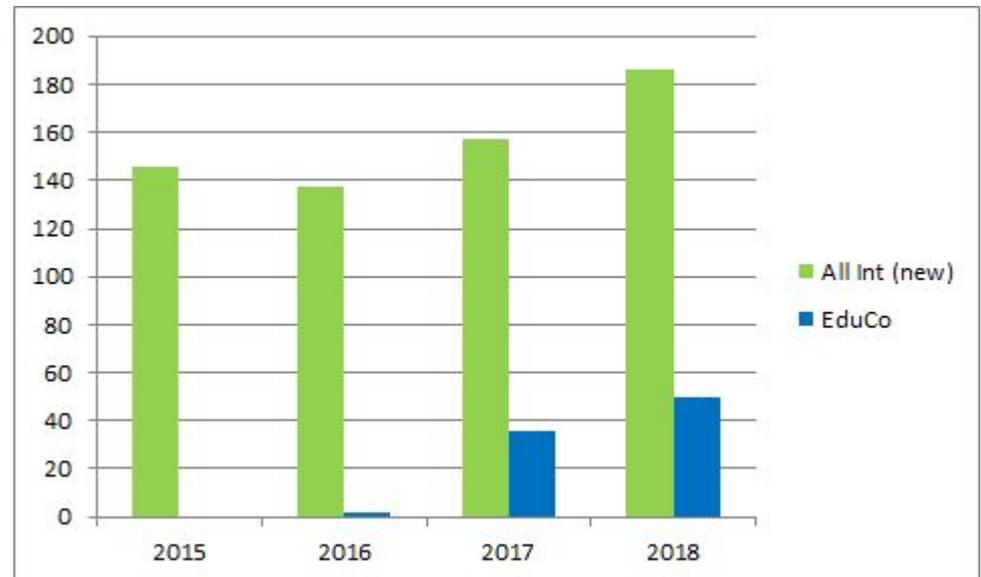
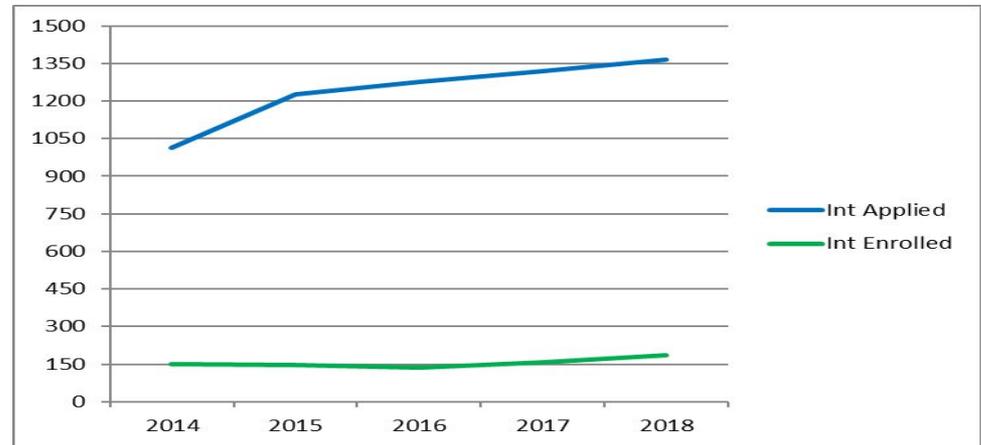
Tuition & Scholarship Initiatives

- UMBC alumni scholarship (\$1000 for first-time enrolled Masters & certificate students).
- Regional Graduate Tuition Rate
 - self-support programs
 - District of Columbia, Northern VA, Southern PA, Delaware.
- Tuition pricing study is underway by SRP Inc. The goal of which is to assess UMBC's graduate tuition rate and provide insight for a multi-year tuition strategy and presentation of costs to students.



New International Graduate Enrollment - Five Year Trend

- International applications are up by 35% over past 5 years
- International enrollments (new students) are up by 25% over past 4 years
- IIE *Open Doors Report*: overall new international graduate student enrollment decreased this past year by 1.3% and is up by only 2.6% since 2014/15.
- EduCo partnership has yielded 94 enrollments for Fall 18 (50 of these are new students).



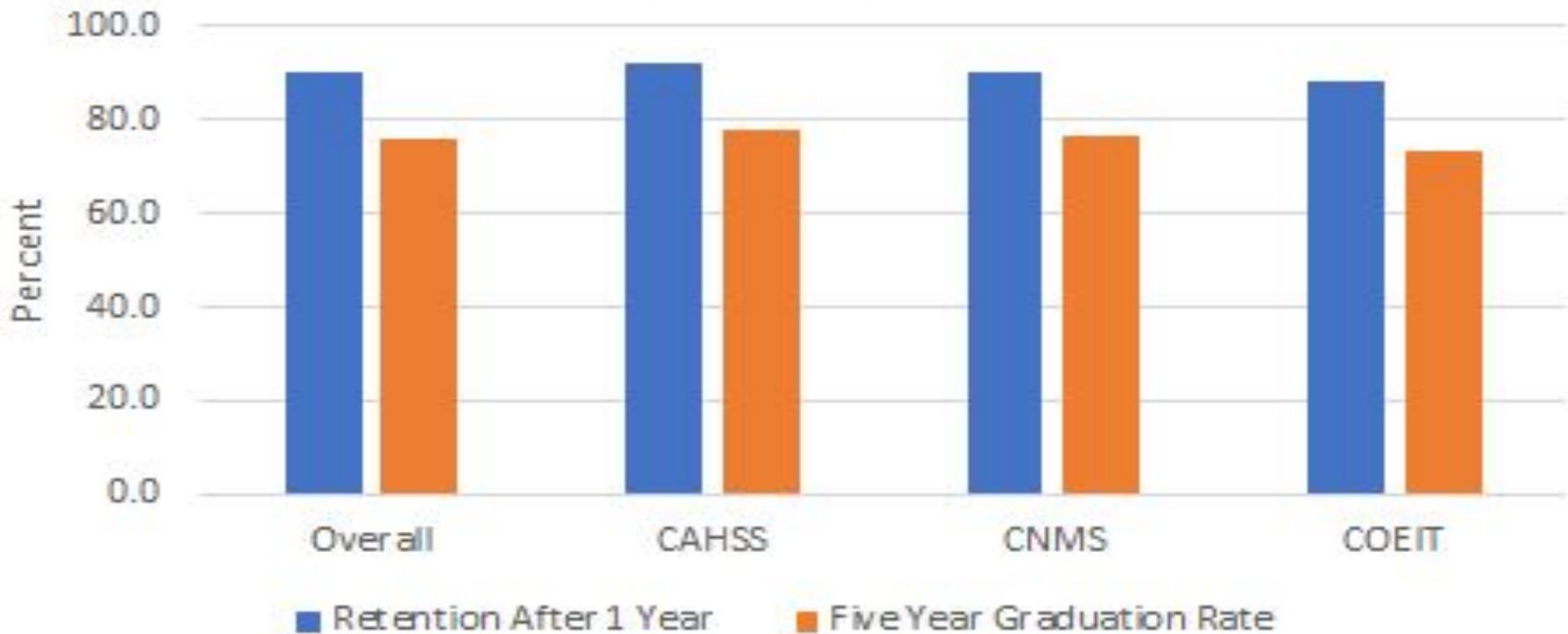


Increasing Ph.D. Enrollment

- Raising visibility of our research activities.
- Working with departments to increase yield on admitted students.
- Increasing competitiveness of our graduate assistantships.
- Building partnerships with employers to increase the number of their employees who pursue our doctoral programs.
- Building partnerships with other universities to create pipelines to our programs.
- Using outcomes of Ph.D. Career Pathways Project to improve career outcomes for current students and alumni.



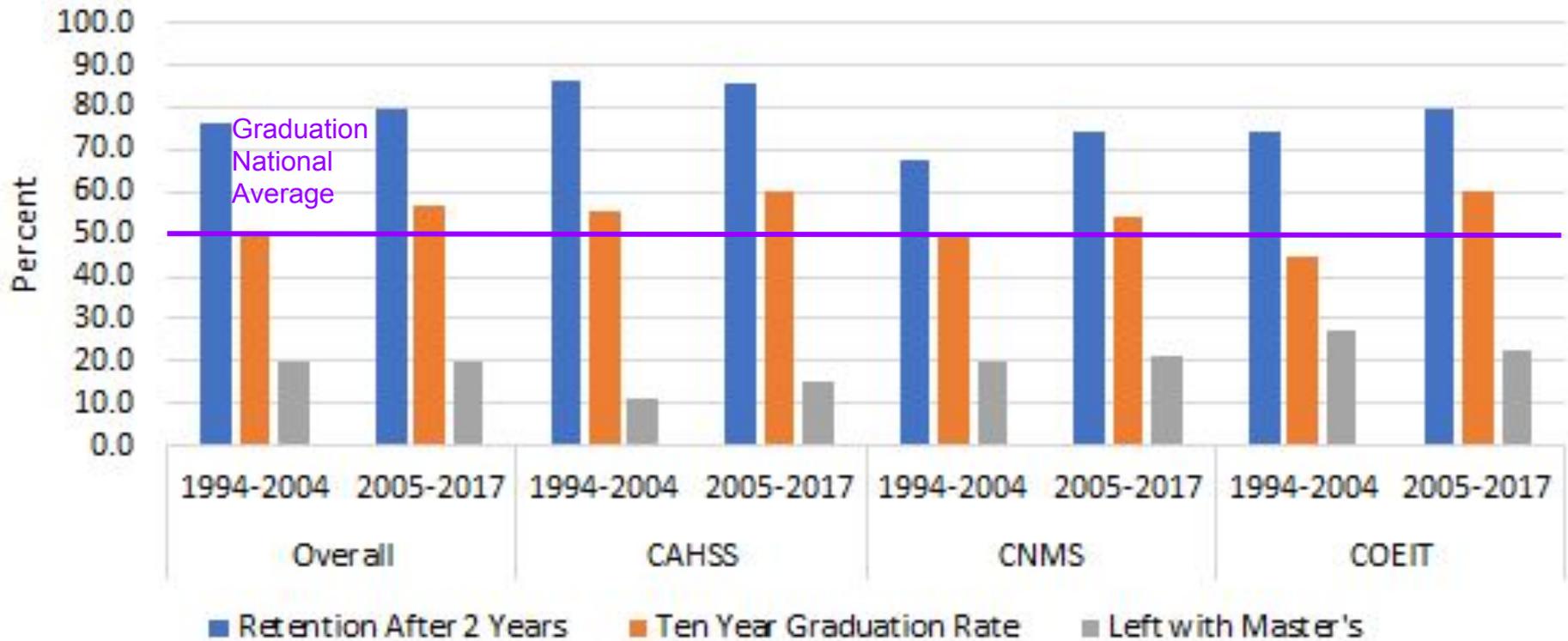
Master's Retention and Graduation Rates for Cohorts Entering Fall 2005-2017



Overall time to degree is 2.4 years. Five-year graduation rate of 76% increases to 80% by 10 years.



PhD Retention and Graduation by Entering Cohort 1994-2017



Overall time to degree decreased from 6.4 to 6 years after introduction of Ph.D. Completion Project in 2004



Retention Activities

- Getting connected: Orientations by Grad School, IES and departments; GSA and GSOs
- TAs and RAs understand duties and feel supported
- Graduate Student Success Seminars (see handout)
- Ph.D. Candidacy Ceremony
- Dissertation House; Dissertation Coach
- Effective faculty mentoring
- Clear department/program guidelines and dispute resolution



- The Council of Graduate Schools (CGS) launched a project to help universities collect data on the career pathways of STEM and humanities PhDs.
- Data is being collected from current PhD students and alumni using surveys developed by CGS.
- Alumni employer data is being gathered using LinkedIn, Alumni Affairs records, APR self studies, commencement cards, and information maintained by departments by half-time GA.



Preliminary Outcomes from Fall 2017 Alumni Survey:

- Alumni (98.3%) feel that our programs have prepared them for their current jobs.
- 100% report that they are gaining employment related to their disciplines.
- They are obtaining higher salaries than the survey respondents from other participating universities.



Coalition for Next Generation Life Science

<http://nglscoalition.org/>

- Nine research universities and a major cancer institute announced in December 2017 that we were joining together to commit to a number of steps to improve transparency and trainee outcomes in the life sciences.
- Ph.D. admissions, demographics and graduation rates posted on Grad School website.
- Career pathways will be posted in February.
- 1 GA in IRADS; 0.5 GA in Grad School supported.



Questions for Discussion Groups

1. *What creative initiatives can we (the UMBC community) implement to grow graduate enrollment?*
2. *What creative initiatives can we implement to retain and graduate your students?*
3. *How do we continue gathering career outcomes data after the grant funding is finished?*