

E&E 2.0: Effectiveness and Efficiency at the University System of Maryland



Nancy S. Shapiro
Associate Vice Chancellor for Education
Policy and Outreach

Office of Academic Affairs

Overview

- Academic E&E 2.0: What is it?
- What strategies are we using to accomplish our goals?
- Some insights on System-level goal setting

Effectiveness and Efficiency 2.0

- Built on E&E 2004-2014 efforts
- A new focus on what “effectiveness and efficiency” means in Academic and Student Affairs.
- A significant departure from “business as usual.”
- How can we make better use of data to inform our student success initiatives?

What is academic E&E?

- Rethinking USM's operating model with goals of:
 - Improving overall academic quality
 - Increasing the value and impact for Maryland citizens
 - Reducing cost structure

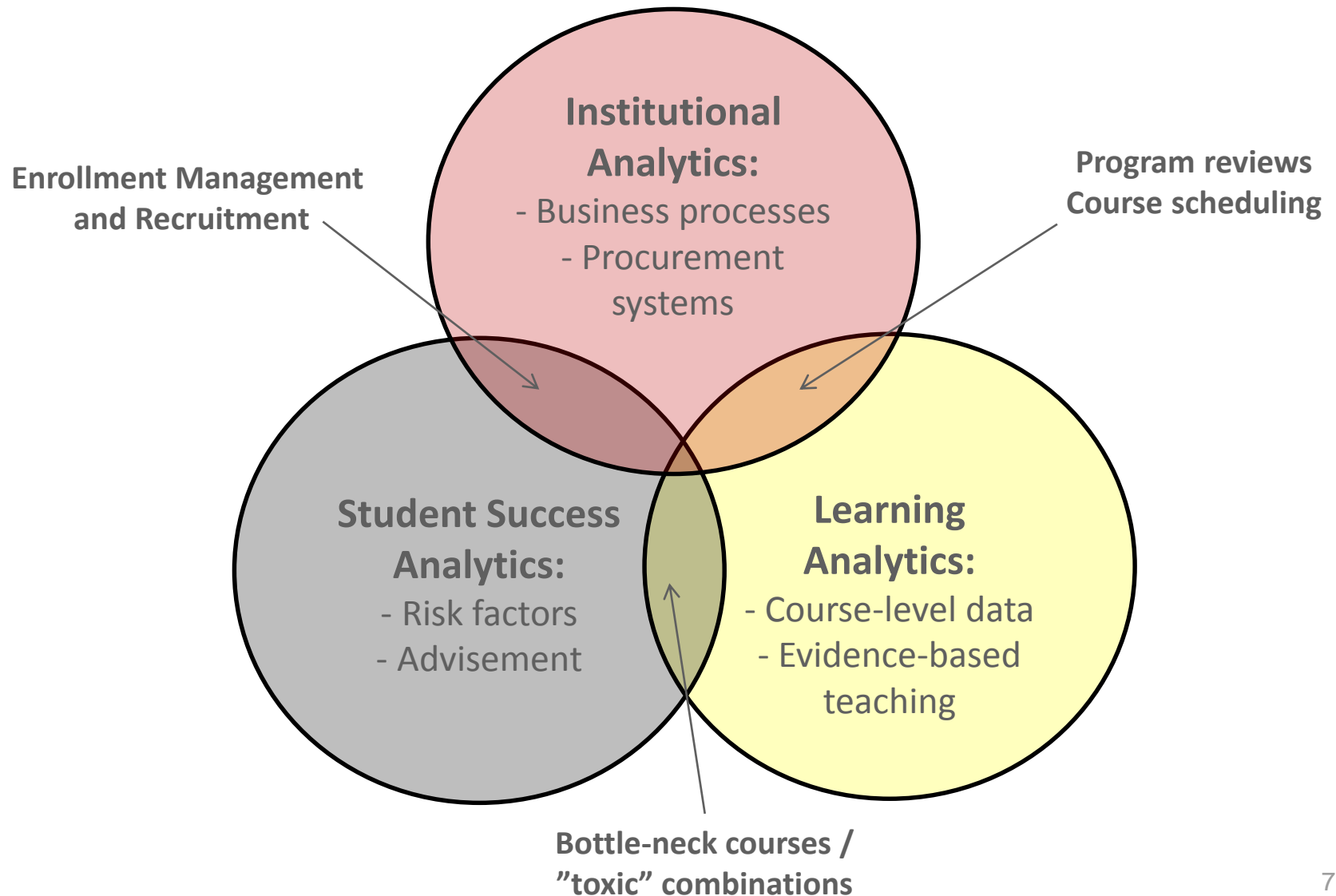
What strategies are we using?

- Alternative means of earning academic credits and limit of 120 credits for graduation
- Analytics and Student Success
- Maryland Community College Transfers: High Quality & Well Prepared
- Math Pathways

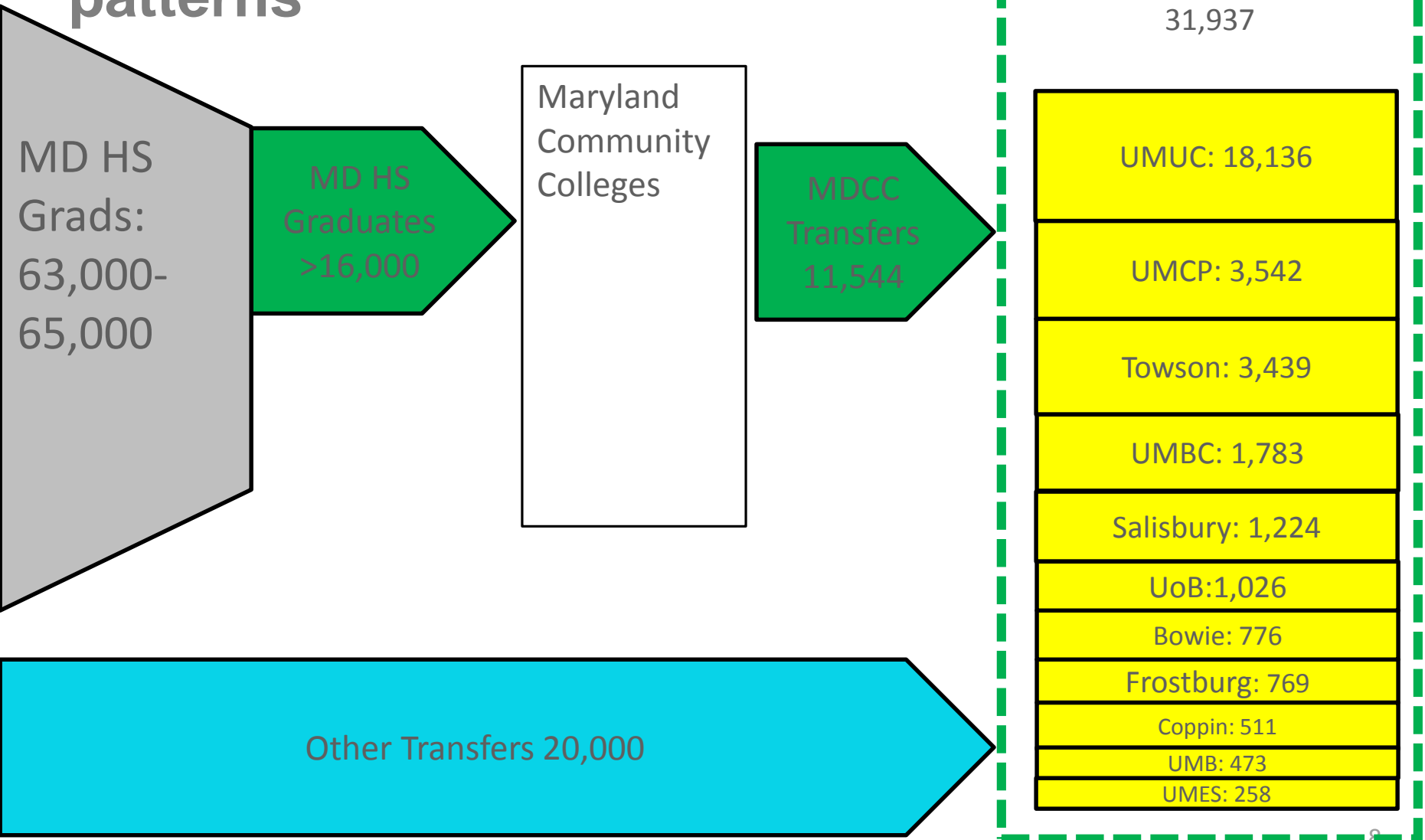
Alternative means of earning credit

- 2005 BOR adopted a policy to increase the # of credits generated outside traditional classroom
- Goal was 12 credits
 - International Baccalaureate
 - Advance placement
 - Dual enrollment
 - Study abroad
- Results: on average, students at USM institutions generated 12 or more credit hours by non traditional means by fall 2010
 - Opened classroom space
 - Opened lab space
 - Allowed 2000-3000 more students on campuses per year

Categories of Analytics



FY 2016 Transfers: Enrollment patterns



USM Transfers Policy Implications:

- Transfers make up two-thirds of the overall new students into USM
- Increase number of completed credits before transferring increases chances for success
- Financial support helps more students attend full-time

Math Pathways: First in the World Grant

- Collaboration between USM institutions and Community Colleges
- Reduce remediation, accelerate students through college
- Development of three math pathways: aligned with majors
 - Traditional algebra-calculus
 - Statistics for social sciences
 - Liberal arts mathematics

Conclusion: Guiding Assumptions for USM's E&E 2.0

- Move from knowing to doing.
- Support a broad shift in culture.
 - Demonstrate need / build awareness.
 - Cultivate a “Community of Practice.”
- Rapidly develop internal capacity.
 - Raise all boats but don't hinder leaders.
 - Start easy and use continuous improvement approach.