UNIVERSITY SYSTEM of MARYLAND

WILLIAM E. KIRWAN
CENTER *for* ACADEMIC INNOVATION

Academic Affairs Leadership Workshop

YOUR ROLE IN ACADEMIC INNOVATION

APRIL 27, 2018

@KirwanCenter

Kirwan Center Mission

- To capitalize on recent findings from the learning sciences and the capabilities of emerging technologies to increase access, affordability, and achievement for our students.

- To identify best practices and facilitate efforts to take them to scale.

Opportunities

- We have a good deal of strength upon which we can build.

- Institutions are eager to collaborate on finding ways to improve student success.

- The power of convening.

- Working from very clear and consistent goals.

Impact to Date

- Creating a collaborative environment to support innovation both among the USM institutions and across the State of Maryland.

- Incubating initiatives aimed at catalyzing change.

- Removing barriers that block progress.

- Leading the national conversation on academic transformation.

Creating a Collaborative Environment

- Councils
  - Academic Transformation Advisory Council (ATAC)
  - Council for Program and Faculty Development (CPFD)

- Convenings
  - General Education
  - Gamification

- Other collaborations
  - Maryland Association of Community Colleges (MAAC)
  - National Association of System Heads (NASH)

Incubating Initiatives

- Maryland Open Source Textbook (M.O.S.T.) Initiative

- Badging Essential Skills for Transitions (B.E.S.T.)

- PAR/SSMx Predictive Analytics Initiative

- USMx

M.O.S.T. Initiative

- Began August 2013 as collaboration between USM-SC and the Kirwan Center.

- Grounded in the idea that text choice should remain the prerogative of faculty.

- Being led by USM, but open to faculty from all Maryland higher education institutions.

M.O.S.T.

M.O.S.T Progress to Date

- Since Spring 2014, 89 faculty have participated from 19 institutions across Maryland.

- Saving students $141 per course on average.

- Cumulative savings over $3.4M (assuming courses offered once per year and level enrollments).
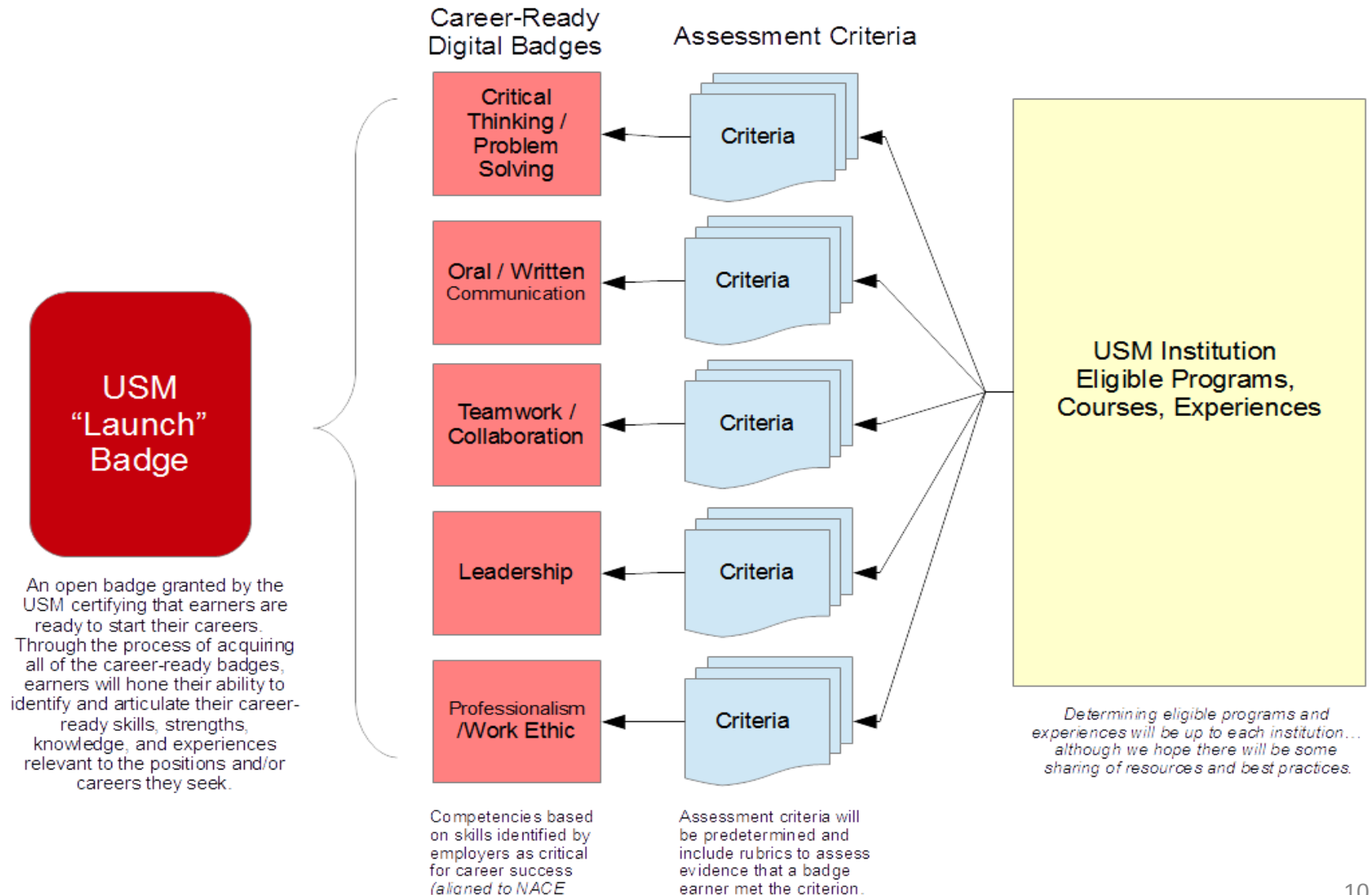
M.O.S.T.

Badging Essential Skills for Transitions (B.E.S.T.)

To design, implement, and evaluate a constellation of complementary digital badges aimed at validating and communicating our graduates' career-ready skills.

Our immediate interim project goal is to collaboratively develop one badge to test on USM campuses in AY 2016-17 as a proof of concept.

B.E.S.T. Ecosystem

Career-Ready Digital Badges

Assessment Criteria

USM "Launch" Badge

An open badge granted by the USM certifying that earners are ready to start their careers. Through the process of acquiring all of the career-ready badges, earners will hone their ability to identify and articulate their career-ready skills, strengths, knowledge, and experiences relevant to the positions and/or careers they seek.

- Critical Thinking / Problem Solving — Criteria
- Oral / Written Communication — Criteria
- Teamwork / Collaboration — Criteria
- Leadership — Criteria
- Professionalism /Work Ethic — Criteria

USM Institution Eligible Programs, Courses, Experiences

Determining eligible programs and experiences will be up to each institution... although we hope there will be some sharing of resources and best practices.

Competencies based on skills identified by employers as critical for career success (aligned to NACE

Assessment criteria will be predetermined and include rubrics to assess evidence that a badge earner met the criterion.

Analytics: A System-Wide Discussion

- Contracted with the Predictive Analytics Reporting (PAR) Framework.

- Working with some of our institutions on full PAR implementation.

- Engaging all institutions in the Student Success Matrix (SSM^x) process.

Student Success Matrix (SSMx)

Predictors/Time	Connection	Entry	Progress	Completion
Learner characteristics				
Learner behaviors				
Fit/feelings of belonging				
Other learner support				
Course/program characteristics				
Instructor behaviors/characteristics				

USMx

- Signed agreement last April
- UMB/UMUC Global Health MOOC (Sept 2016)
- 5 UMUC MicroMasters Programs
  - Accounting & Financial Management
  - Bioinformatics
  - Cloud Computing
  - Instructional Design
  - Software Testing
- UMES Hospitality Management / Coppin Nursing PhD
- Discussions with Quality Matters

Incubating Initiatives

- Adaptive Learning

- Competency-based Education

- General Education

- Assessment

- Return on Investment

Removing Barriers

- Social Media Policy

- State Authorization Reciprocity Agreement (SARA)

- Faculty Workload Policy

- Inter-institutional IRB and Data Sharing

- Net Assignable Square Feet (NASF)