"Collaboratively Delivering a Student Retention & Success Model with Agile Style"

Presenters

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Miami University

- Miami University is one of the oldest public institutions in the country. It was chartered in 1809 and opened its doors to students in 1824.
- Located in Southwest Ohio.
- Named for the Miami Indian Tribe that inhabited the area now known as the Miami Valley Region of Ohio.
Fall 2013 Statistics

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Enrollment</td>
<td>23,743</td>
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<tr>
<td>Undergraduates</td>
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<tr>
<td>Oxford</td>
<td>15,462</td>
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<tr>
<td>Hamilton</td>
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<tr>
<td>Middletown</td>
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<tr>
<td>Masters &amp; Doctoral</td>
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<td>Oxford</td>
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<td>Voice of America Learning Center</td>
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<tr>
<td>Faculty &amp; Staff</td>
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<td>GA’s</td>
<td>777</td>
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<tr>
<td>College &amp; Schools</td>
<td>6</td>
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</tbody>
</table>

Our Strategic Academic Need

- President’s goal of 85% six year graduation rate and 94% retention rate freshmen to sophomore year

- Responsibility Center Management (RCM) where each Dean
  - ‘earns’ 75% instructional revenue based on who pays the instructor
  - ‘earns’ 25% instructional revenue based on division and major of the student
Our Tactical Academic Need

• Ability to track retention:
  – For each student
    • 10 years from original entry term
    • By any ‘from’ and ‘to’ term within the 10 year time frame
  – To provide answers for many questions
    • Effect of skipping more than one year, stop-out and drop-out
    • Which students were successful and which were not
  – For
    • President and Provost
    • Dean and department chairs
    • Student affairs
    • University Budget Office

Our Tactical Academic Need

• Sample questions:
  – Retention by student characteristics include GPA, demographics
  – Effect of Skipping more than one year, stop-out and drop-out
  – Track retention for 10 years
  – Track retention from a student’s original campus and/or academic program
  – Track success/Graduation
Our Environment

- Ellucian Banner implemented in 1999
- Recruitment Plus
- Oracle Business Intelligence Enterprise Edition
- Dedicated BI team within IT Services

Our Process

- Cross functional group of IT and academic leaders
- Agile (meaning we were not afraid to make mistakes)
- Desktop prototype early and often
- Engage retention experts internally and externally
- Met weekly from October through February 2012 for design and prototype review
- Retention data live in June 2013
- Phase II kicked off in July 2013
Keys to success

- Clear deliverables for a six month timeframe
- Engaged sponsor with expectation of success
- Committed product owner
  - 50% of work time on project
  - Daily standup meetings
  - Collaboration, respect and fun
- Dedicate ‘war room’
- Test driven development

Our Cohorts

- Campus and campus group
- Degree level
- College and department of major
- STEM majors
- Residency
- Gender
- Race/Ethnicity
- Federal inclusion
- Full-Time/Part-Time
- First Generation College
- Pell eligibility
- Financial aid need level
- ACT Scores
- FAFSA filed
- NCAA athlete
- Age and age group
- At risk student
- Veterans benefit recipient
Value added

- Semester counter (progression)
- IPEDS Age group
- Cognate areas
- Super class
- Time to degree
- Success measure

Additional Information

- Basic Financial Aid information
  - Need: High, medium, low
- GPA and Hours (attempted, earned, transferred)
- Next phase
  - Course Grades
  - Admission data
  - Degrees Awarded
Nimble design

- Positive and negative rows for 10 academic years
- Variety of retention measures
  - Academically retained
  - Retain in division/major
- Graduation (success)

Our Data Breadth

- Registration retained
- College of major retained
- Cohort campus retained
- Successful academic achievement retained
- Not retained
Our Evidence of Success

- Grant for scholarship and needed retention by majors and financial need (15 minutes and would normally take 2 weeks)
- Financial need and retention and RCM across divisions and majors
- Degrees awarded as a retention and time to degree... prepping for Ohio Board of Regents Subsidy for Success, time to degree emphasis
- Retention requests moved into user hands and out of IR for routine analyses
- Empowered division and departments to analyze their own retention... no longer just IR... as the intervention to retain students is at the dean and department chair level