Harnessing Data and Technology to Increase Student Success: Part I

PRESENTED BY:
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Amy Dinise-Halter, Colorado State University
Philip Needles, Montgomery County Community College
Integrated Planning and Advising for Student Success (iPASS)

The iPASS approach to advising reform uses technology to promote, support, and sustain long-term intrusive and holistic student support. By leveraging technology, college personnel are able to

a) approach student support as a teaching function;
b) touch students on a regular basis; and
c) connect students to the information and services they need when they need them, in order to keep them on track to graduation
Degree Planning

Coaching & Advising

Early Alerts & Risk Targeting
IPASS Overview

Academic Advising Reform recommendations

Student Experience Redesign

Mason Academic Advisor Network (MAAN)

Critical Cross-functional Teams
Training and Communication

Student Success Collaborative - Campus adoption

- Increased utilization: monthly active users with Advisor Role increased 538% in one year; over 300 faculty/staff in system to include advisors from all units, athletics coordinators, career services, STEM Accelerator, Registrar, INTOmason
- Increase in outreach campaigns from fall 2016 (16) to spring 2017 (56)
- Training sessions and campaigns in a box
- Success Marker courses in 100% of undergraduate programs
- Student engagement in platform grew from 1,635 in August 2017 to 2,420 in September 2017 following launch of online scheduler

Advisor Profiles and Student Stories

- Help elevate the conversation on campus
Lessons Learned

Invest in a communication coordinator

Create shared expectations for success metrics and goals within cross-functional teams

Staying aligned with broader institutional initiatives
IPASS Overview

Team Approach - cross collaboration between five different divisions

Academic Success Coordinator Network

Legacy Systems to Vended Products
Change Management

Fit Technologies into Current Practices

Intention Trainings

Outcomes:
- 130 Advisors Adopted System in Four Months
- 93% decrease in students on planned leave
- 82% decrease in non-registered students
- Student Response
Next Steps

High Tech, High Touch Strategic, Holistic Advising

Aligning Systems in a Collaborative Effort for Student Success

In Development - Student Alerts
Integrated Advising Overview

IPAS and IPASS Journey Overview

Technology and Data Interventions Examples and Outcomes

Faculty Inclusion and Engagement

The Student Perspective
Starfish -- Early Alert and Faculty Engagement

- Increased student success network information sharing
- Faculty Midterm and Attendance reporting from ~64% to 94% - 98%

<table>
<thead>
<tr>
<th>Item Name</th>
<th>Status</th>
<th>Created</th>
<th>Due</th>
<th>Context</th>
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<td>Elearning students failure to log in (10 week)</td>
<td>Resolved</td>
<td>09-30-2017</td>
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<td>2017FA_SOC103ONLN Social Problems: No course activity in 3 days.</td>
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<td>Honors recommendation</td>
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<td>03-10-2015</td>
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<td>2015SP_ART161JC Ceramics I (2015SP_ART161JC)</td>
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<td>09-24-2014</td>
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<td>2014FA_REA010AC Elements of Reading (2014FA_REA010AC)</td>
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Blackboard Advising Resource

- Centralize important information for students to support success
- Consistent approaches and practices across advising experience
- Reduce repetition of elements and engagement for Advisors with students
Civitas Predictive Analytics Platform

- Identified registration windows where students benefit from extra outreach
- Highlighted opportunities to support online students with resources
- Indicated students with A/R balances likely to persist and succeed
jobZology Career Assessment Platform

- Assessments for student and Advisor to align Program of Study choice
- Engages career outcomes earlier in advising process
- Platform for later career preparation (e.g., resume, networking, internship, etc.)
jobZology Career Assessment Platform

- Assessment questions set-up allows easy online completion before advising appointment
- Shows related salary and job potential information
### myFinancialPlan Projection Platform

- Allows students to plan multi-year cost estimation for completing program
- Imports FASFA information as starting point for exploration

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#### Costs

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<td>$9,101</td>
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#### Funds

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<td><strong>Awarded Loans</strong></td>
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<td><strong>Total Funds</strong></td>
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<td>$9,101</td>
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#### Summary

- **Balance:** $0
- **Debt:** $6,166

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**Please Note:** The estimates provided above do not represent a final determination, or actual award, of financial assistance or a final net price; they are only estimates based on cost of attendance and financial aid provided to students. Cost of attendance and financial aid availability can change from year to year. These estimates shall not be binding on the Secretary of Education, the institution of higher education, or the State.

Not all students receive financial aid. In 2015-16, 42% of full-time students enrolled for college for the first time received grant/scholarship aid. Students may also be eligible for student loans and work-study. Students must complete the Free Application for Federal Student Aid (FAFSA).
myFinancialPlan Projection Platform

- Wizard-like and easy to understand language structure supports completion
- Flexible adjusting of key elements allows for scenario exploration (e.g., credits per semester, loans or not, etc.)
Student Perspective

- Critical to design, process determination, evaluation, and peer adoption
Thank You!

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To Learn More:

Visit the **iPASS website** for resources (handbooks, toolkits, implementation guides, and more):

[www.educause.edu/ipass-grant-challenge](http://www.educause.edu/ipass-grant-challenge)

Check out the **upcoming breakout session**

*Harnessing Data and Technology to Increase Student Success, Part II*

November 1, 3:10 - 4:00 pm
Meeting Room 201B, 200 Level

#EDU17