



Your Learning Log in Draft status is visible only to you. Learning Logs in Final (Submitted) status are visible to all members of the Frontier Set group as are the posts associated with each Learning Log.

LEARNING LOG

Dashboards for Data Informed Decisions

+ Follow

Clone

DETAILS

MAKING IT WORK, UNDERSTANDING WHAT WORKS, AND SHARING WHAT WORKS

TITLE

Dashboards for Data Informed Decisions

SOLUTION

Redesigned Planning Advising and Student Services;Developmental Education Reform and Supports for Learning

CAPACITIES

Policy;Leadership & Culture;Institutional Research

Owner

[Sue Gerber \(/education/s/profile/005360000046lpiAAA\)](/education/s/profile/005360000046lpiAAA)



Record Type

Monthly-Current 2017



INSTITUTION

New Jersey City University

REFLECTION

SITE INITIATIVE

One of the benefits of the Frontier Set grant is that it allows us to build upon and integrate various related activities on campus, such as data informed decision making. The Office for Institutional Effectiveness (OIE) is developing interactive dashboards to provide greater access to data for faculty and staff and also the ability to filter the data in multiple ways to gain further insight and address specific questions.

PROGRESS TOWARD STUDENT SUCCESS

Annually, we post a [progress card \(http://www.njcu.edu/sites/default/files/pdfs/progresscardfinal-nt-2016.pdf\)](http://www.njcu.edu/sites/default/files/pdfs/progresscardfinal-nt-2016.pdf) charting historical progress on key metrics. In the past, our office has responded to requests to provide the information for specific subsets of students on an adhoc basis. Faculty and staff have also been able to request data from other offices such as IT.

In order to enhance access to, consistency of, and useful of the data, we are developing dashboards for the University community. To do so, we:

1. Reviewed data requests to find commonalities in the information sought, including which demographic factors or characteristics were included in the requests.
2. Established university-wide definitions of and procedures for extracting data elements
3. Partnered with IT to develop interactive dasboards. The first dashboards allow internal and external comparisons and display: headcount, retention and graduation rates, FTE, Institutional comparisons (IPEDS data using NJ institutions and aspirational peers and comparators), and degrees awarded.
4. Access was provided on our [IE website \(http://www.njcu.edu/institutional-effectiveness/institutional-research\)](http://www.njcu.edu/institutional-effectiveness/institutional-research)

IMPACT

If successful, this project will result in:

1. Increased access to consistent information
2. More informed decision making

3. More efficient functioning of the IE office, making more time available for engaging in more complex analyses for and services to the University.

Indicators of success include

1. Hits to the dashboards, reduction in ad hoc data requests to IE and to other offices
2. Faculty/staff actions based on the data, including possibly the decision to change or stop certain activities based on information
3. The number of new projects the IE staff can undertake

INTERNAL/EXTERNAL RESOURCES

The dashboards development was a partnership between IT and IE teams. Two methods/applications were used: Cognos BI (for the most complex data and reports) and Tableau (for the more manageable data). To date, staff have been largely self-taught on the applications. Our development is ongoing.

NEXT CRITICAL STEPS

For success, we must engage faculty and staff - providing access, assisting in using the tools, increasing understanding of data and questions to ask, gathering feedback to improve the visualizations, and prioritizing future dashboards to develop.

The project must also close the loop by providing faculty and staff a venue to share how they have used the data to enact change and increase student success.

OPPORTUNITIES/CHALLENGES

This project has the opportunity to empower faculty and staff to a greater understanding of and use of data for decision making. Challenges include increasing awareness and use of the tools.

QUESTIONS/REQUESTS

We are interested in learning more about similar dashboard rollouts from IR/IE offices, particularly those that are further along, and your opportunities and challenges

STATUS

Final

Completion Date

5/26/2017

Post

Share an update...

Share



(/education/s/profile/005360000046lp4AAA)

Sue Gerber (/education/s/profile/005360000046lp4AAA) (New Jersey City University) updated this record.

May 26, 2017 at 3:14 AM (/education/s/feed/0D53600001MsigeCAB)

STATUS

Draft to Final

2 views

Like

Comment

Jon Young (/education/s/profile/00536000003BifDAAS) and Nurdan Aydin (/education/s/profile/005360000046lp4AAA) like this.



Write a comment...

