

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Innovation and Online Committee
June 27, 2018**

SUBJECT: Data Analytics/Learning Analytics

PROPOSED COMMITTEE ACTION

For information.

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution

BACKGROUND INFORMATION

State universities are developing and implementing a number of innovative qualitative and quantitative techniques and processes to better evaluate institution policies, programs, and services and to provide the most effective academic and student services programs for their student clientele.

At this meeting, five universities, UCF, FAMU, UF, FIU, and FAU, will describe how the use of data analytics is solving problems and is enabling their institutions to improve efficiency, enhance productivity, and promote student success.

- Dr. Patsy Moskal, UCF Associate Director, Research Initiative for Teaching Effectiveness, will review how UCF is utilizing and evaluating adaptive learning analytics metrics captured by the Realizeit adaptive platform. Developing models of students' behaviors as they interact with the personalized content may help identify how and when students become at risk and provide valuable information for faculty on how to better design their online courses.
- Mr. Robert Seniors, FAMU Associate Director, Office of Instructional Technology, will discuss how FAMU has embraced analytics not only for problem-solving but to establish a data driven culture on campus that will enable the university to align key initiatives with continuous, measureable improvement.
- Dr. Jennifer Smith, UF Director, Office of Faculty Development and Teaching Excellence, will provide an update of the University of Florida's UNIZIN LoudSight pilot project and will outline UF's work with faculty to develop its in-house tool, the LeAD dashboard.
- Dr. Elizabeth Bejar, FIU Vice President for Academic Affairs, will discuss the

development of a set of Tableau dashboards in its FIU Online program that provide insight into student performance through benchmarking students' activity in online courses and grades. FIU Online is also piloting a predictive model using neural networks focused on improving success rates for fully online students.

- Mr. Geoffrey Johnson, FAU Assistant Director of Academic Planning, will review how FAU is using predictive analytics tools to assess student success initiatives. Through the use of Civitas Illume Impact, the university is measuring student outcomes and analyzing the impact that initiatives have on students' persistence rates. An example will be presented that shows the impact that *Major KnOWledge*, FAU's career interest inventory assessment, has on students' persistence.

Supporting Documentation Included: None

Facilitators/Presenters:

Dr. Patsy Moskal, UCF
Mr. Robert Seniors, FAMU
Dr. Jennifer K. Smith, UF
Dr. Elizabeth Bejar, FIU
Mr. Geoffrey Johnson, FAU