2022 Florida Association for Institutional Research Conference

Event Schedule

Fri, Mar 25, 2022

9:15 AM

Open Address and Business Meeting
🕐 9:15 AM - 9:50 AM, Mar 25

`General Meet…`

Microsoft Teams meeting

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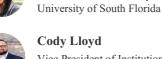
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📢 **Speakers**

Michael Bolen
Director, University Performance and Survey Analytics
University of South Florida

Iyshia Lowman
Research and Data Analyst
University of South Florida

Cody Lloyd
Vice President of Institutional Research & Effectiveness / CIO
Southeastern University - Lakeland, FL

Michael Johnston
Associate Vice President, Institutional Research and Management Information Systems
Pensacola State College

Jordan Kleinhenn
Associate Director of Research and Reporting
Southeastern University

Sarah Phillips
Research Analyst
Indian River State College

Ivana Fredotovic
Director of Research and Data Analytics
Miami Dade College

Kenneth Reaves
Director of Research and Strategic Projects
Southeastern University

10:00 AM

I'll be there: Help-seeking behavior in underrepresented first-generation college students

🕐 10:00 AM - 10:50 AM, Mar 25

Decision-Supp…

This presentation will examine the academic performance of underrepresented first-generation college students at the University of South Florida. Specifically, it will focus on the willingness to seek help from university resources, classmates, and friends. This presentation will provide insight for student success professionals in understanding students who are at risk of not completing their degree and developing outreach programs.

📢 **Speakers**

Iyshia Lowman
Research and Data Analyst
University of South Florida

Glendalis Gonzalez
Assistant Director, Statistical Research and Analytics
University of South Florida

Implementing an Online Success Seminar to Support Student Online Readiness

🕐 10:00 AM - 10:50 AM, Mar 25

Assessme…

The Online Success Seminar (OSS) at Daytona State College (DSC) represents a valuable, intentional resource for students, faculty, and staff to address low retention and graduation rates for students in associate degree programs. A majority of associate degree-seeking students at DSC enroll in at least one online class, and students' overall success rates for online classes suggest a need for support in areas beyond subject-specific knowledge. The OSS empowers students to evaluate and improve skills related to technical literacy, time management, and self-discipline. Preliminary evaluations and feedback report an increase in skill development and positive outcomes related to success and persistence in online classes.

📢 **Speakers**

Andrea Gibson
Executive Director, Institutional Research
Daytona State College

Cheryl Kohen
Director, Division of Online Studies
Daytona State College

Karla Moore
Institutional Effectiveness & Assessment Dean
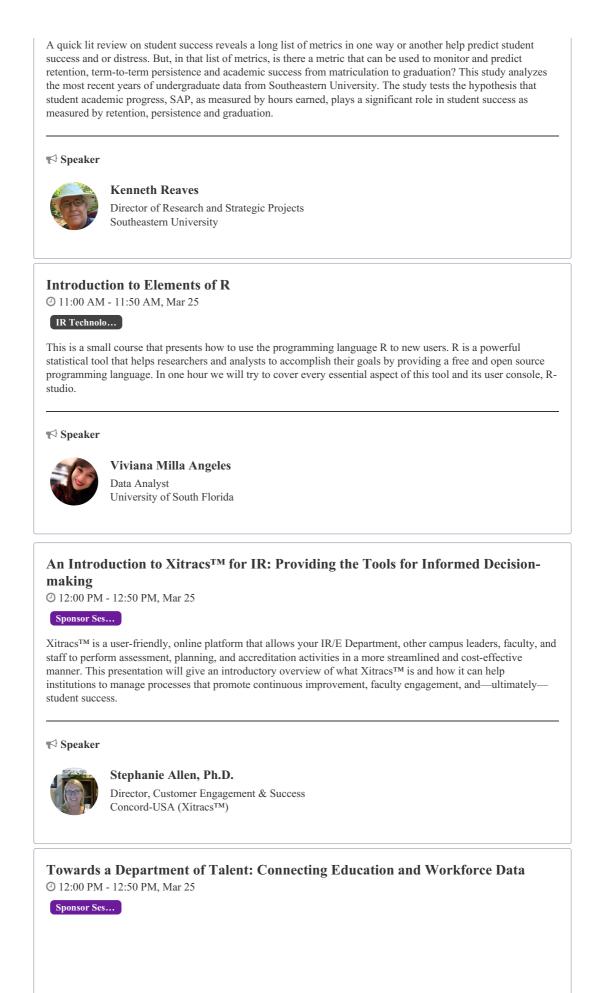Daytona State College

Max Morgan
Student Services Advisor
Daytona State College

11:00 AM

Satisfactory Academic Progress as a Indicator of Student Success or Distress.

🕐 11:00 AM - 11:50 AM, Mar 25

Decision-Supp…

A quick lit review on student success reveals a long list of metrics in one way or another help predict student success and or distress. But, in that list of metrics, is there a metric that can be used to monitor and predict retention, term-to-term persistence and academic success from matriculation to graduation? This study analyzes the most recent years of undergraduate data from Southeastern University. The study tests the hypothesis that student academic progress, SAP, as measured by hours earned, plays a significant role in student success as measured by retention, persistence and graduation.

📢 **Speaker**

Kenneth Reaves
Director of Research and Strategic Projects
Southeastern University

Introduction to Elements of R

🕐 11:00 AM - 11:50 AM, Mar 25

`IR Technolo…`

This is a small course that presents how to use the programming language R to new users. R is a powerful statistical tool that helps researchers and analysts to accomplish their goals by providing a free and open source programming language. In one hour we will try to cover every essential aspect of this tool and its user console, R-studio.

📢 **Speaker**

Viviana Milla Angeles
Data Analyst
University of South Florida

12:00 PM

An Introduction to Xitracs™ for IR: Providing the Tools for Informed Decision-making

🕐 12:00 PM - 12:50 PM, Mar 25

`Sponsor Ses…`

Xitracs™ is a user-friendly, online platform that allows your IR/E Department, other campus leaders, faculty, and staff to perform assessment, planning, and accreditation activities in a more streamlined and cost-effective manner. This presentation will give an introductory overview of what Xitracs™ is and how it can help institutions to manage processes that promote continuous improvement, faculty engagement, and—ultimately—student success.

📢 **Speaker**

Stephanie Allen, Ph.D.
Director, Customer Engagement & Success
Concord-USA (Xitracs™)

Towards a Department of Talent: Connecting Education and Workforce Data

🕐 12:00 PM - 12:50 PM, Mar 25

`Sponsor Ses…`

It is a dynamic time. As data becomes ubiquitous, credentialling efforts increase inside and outside of institutions of higher learning, and calls for innovation mount it is easy to be overwhelmed by the amount of information a layperson receives. At Lumina, our aspiration is to create data that is timely, relevant and of high quality. To that end, I invite you to join this conversation about data. The session will start with a brief overview of the Stronger Nation data visualization tool that complements Florida's SAIL to 60 attainment goal. Then, help us develop a next generation tool focused on better understanding communities in Florida and across the nation. Building upon efforts like College Graduates Succeed, Find My College Major, the State College Projections Portal, My Florida Future in Florida and other national efforts like the Post-Secondary Employment Outcomes of the U.S. Census, the College Map of the U.S. Department of Education or the My Next Move application from the Employment and Training Administration. The (very) early-stage data tool will be shared. We seek your feedback via an interactive discussion to help us think about how best to build the data tool. I hope you will join us to inform the work.

📢 **Speaker**

Christopher Mullin
Lumina Foundation

1:00 PM

Tenure-Track Faculty Retention Dashboard
🕐 1:00 PM - 1:50 PM, Mar 25

Analysis

The Tenure-track Faculty Retention Dashboard concept came to light as USF has the mission to ensure diversity, anti-racism & equity within its community. This dashboard works as a tool to visualize the career path towards tenure accomplishment and to help ensure the achievement of the community goal. The analysis process involves identifying the data, cleansing & transforming the identified data to build a model to discover the career progression trend to improve faculty retention. Internally, this dashboard is capable of breaking down into individual levels to pinpoint relevant issues. A similar approach can be used to track career paths, retention, and attrition of any type of faculty or staff in post-secondary education institutions.

📢 **Speakers**

Umar Abdullah
Sr. ERP Analyst
University of South Florida

Adam Caskie
Director, Office of Decision Support
University of South Florida

Michael Bolen
Director, University Performance and Survey Analytics
University of South Florida

Modernizing the Viability Report Process Using Power BI Dashboards
🕐 1:00 PM - 1:50 PM, Mar 25

Decision-Supp…

Viability Reports provide an in-depth look into the health of academic programs at St. Petersburg College. The purpose behind the Viability Report process is to gather stakeholders from each academic program to discuss how the program is faring from several data-driven angles. Over the years, the Viability Report process has become more comprehensive in nature due to expanded initiatives within SPC, from the state, and SACSCOC. Though somewhat new to the Viability Report process, Power BI has proved to be a vital tool. The incorporation of Power BI resulted in four new dashboards, which include Enrollment, Retention, Graduates, and Retention Trend. Each of these dashboards shed light on different aspects pertaining to program health.

📣 Speakers

Edin Jakepovic
Business Intelligence Analyst
St Petersburg College

Amy Eggers
Accreditation & Baccalaureate Assessment Coordinator
St. Petersburg College

Raynier Mohammed
Analyst/Programmer
Institutional Research, St. Petersburg College

Fawzi Al Nassir
Director, Institutional Research
St. Petersburg College

2:00 PM

Improve Your Institution's Data Culture and Position IR as the Data Leader on Your Campus

🕐 2:00 PM - 2:50 PM, Mar 25

Operations

Institutional Research/Effectiveness offices should and can position themselves as the data authority at their institution. This session focuses on specific ways for small IR offices to have the most impact on their institution's data culture and ability to make data-informed decisions. It highlights and goes into detail on the following 4 areas: communication, a common data language, data strategy, and breaking down data silos.

📣 Speaker

Eric Godin
Assistant Vice President of Institutional Research and Effectiveness
Hodges University

Forecasting Goals for Student Success Metrics in accountability performance reporting using SAS Visual Analytics

🕐 2:00 PM - 2:50 PM, Mar 25

Decision-Supp...

This presentation will be focused on using SAS Visual Analytics to forecast goals for student success metrics in accountability performance reporting. A brief introduction of SAS Visual Analytics Forecasting features will be provided. The purpose of this session is to demonstrate the values of using analytics to assist in university-wide decision-making.

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📣 Speaker

Xiaoying Liu
Associate Director of Student Success Research & Analytics
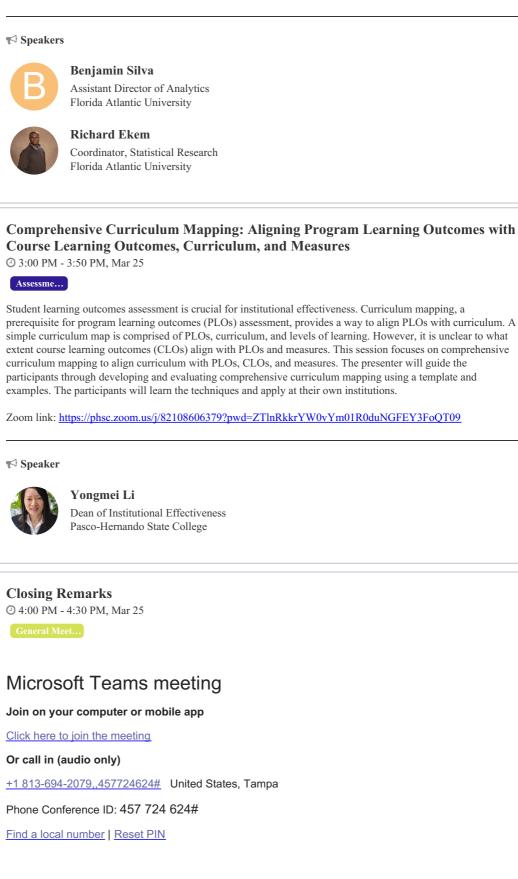University of South Florida

3:00 PM

Using R in Power BI: Text Mining and Sentiment Analysis
🕐 3:00 PM - 3:50 PM, Mar 25

`Analysis`

Power BI serves as a great business intelligence tool for many organizations and institutions. It is enhanced by various functionalities which allow developers to integrate other software. One such feature is the R script editor which allows users to run R directly in Power BI Desktop and import the resulting datasets into the data model. We will demonstrate R programming capabilities in Power BI with a sentiment analysis of Student Perception of Teaching (SPOT) evaluations.

📢 **Speakers**

B

Benjamin Silva
Assistant Director of Analytics
Florida Atlantic University

Richard Ekem
Coordinator, Statistical Research
Florida Atlantic University

Comprehensive Curriculum Mapping: Aligning Program Learning Outcomes with Course Learning Outcomes, Curriculum, and Measures
🕐 3:00 PM - 3:50 PM, Mar 25

`Assessme…`

Student learning outcomes assessment is crucial for institutional effectiveness. Curriculum mapping, a prerequisite for program learning outcomes (PLOs) assessment, provides a way to align PLOs with curriculum. A simple curriculum map is comprised of PLOs, curriculum, and levels of learning. However, it is unclear to what extent course learning outcomes (CLOs) align with PLOs and measures. This session focuses on comprehensive curriculum mapping to align curriculum with PLOs, CLOs, and measures. The presenter will guide the participants through developing and evaluating comprehensive curriculum mapping using a template and examples. The participants will learn the techniques and apply at their own institutions.

Zoom link: https://phsc.zoom.us/j/82108606379?pwd=ZTlnRkkrYW0vYm01R0duNGFEY3FoQT09

📢 **Speaker**

Yongmei Li
Dean of Institutional Effectiveness
Pasco-Hernando State College

4:00 PM

Closing Remarks
🕐 4:00 PM - 4:30 PM, Mar 25

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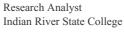University of South Florida

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