Autumn 2017 OAIRP
Conference Agenda

Ohio Association for Institutional Research and Planning

Time	Title	Presenter	Room
8:00 am – 9:00 am	Attendee sign-in, breakfast and Opening Remarks	Joe Argiro, OAIRP President	Faculty Club
9:00 am – 9:45 am	U.S. Census Bureau: Research tools for Demographic, Economic, Workforce, and Educational Data	Tim Sarko, Data Dissemination Specialist, U.S. Census Bureau	Faculty Club
9:45 am – 10:00 am	Break & Networking		Faculty Club
10:00 am – 10:45 am	Panel on Strategic Planning in Higher Education – *Connecting Data and Environmental Scanning to Institutional Goals*	Panelists: Julia Carpenter-Hubin, Assistant Vice President, Office of Institutional Research and Planning, Ohio State University Michael Kapper, inarow Higher Education Consulting, LLC, OAIRP Immediate-Past President Jan Lyddon, Principal, Organizational Effectiveness Consultants	Faculty Club
10:45 am – 11:00 am	Break & Networking		Faculty Club
11:00 am – 12:00 pm	OAIRP Business Meeting, Treasurer's Report, Sector Meetings, Elections	Joe Argiro, OAIRP President, Jay Johnson, OAIRP Treasurer	Faculty Club
12:00 pm – 1:00 pm	Lunch		Faculty Club
1:00 pm – 1:45 pm	Breakout Session Track #1	See below	See below
2:00 pm – 2:45 pm	Breakout Session Track #2	See below	See below
3:00 pm – 3:45 pm	Breakout Session Track #3	See below	See below

Sponsors: Guests:

Autumn 2017 OAIRP Breakout Sessions

Time	Title	Presenter	Room
1:00 pm – 1:45 pm	SAS Software for IR	R. Chris Armfield and John Berry, SAS Education Practice	University Hall 82
	American FactFinder from the U.S. Census Bureau	Tim Sarko, U.S. Census Bureau	University Hall 86
	Using a First-Year Survey to Explore Student Transition into College and Increase Student Retention	Yuerong Sweetland, Franklin University Nick Christian, Urbana University	University Hall 90

Time	Title	Presenter	Room
2:00 pm – 2:45 pm	Back to the Future: Predictive Analytics For Student Success	Michael Kapper, inarow Higher Education Consulting, LLC	University Hall 82
	Exploring Student Outcomes Across Disciplinary Boundaries: Developing a STEM Dashboard in Tableau	Jamie Paulson, The Ohio State University	University Hall 86
	A Model for Program Review and Assessment Designed for Continuous Improvement	Ute S. Lahaie, Walsh University	University Hall 90

Time	Title	Presenter	Room
3:00 pm – 3:45 pm	Using Survey Data to Assess Faculty, Administrator and Staff Connectivity to Mission	Mary Fugate and Riley Peick, Xavier University	University Hall 82
	Key Findings from Central Ohio Technical College's Revised Survey of Employers	Joe Argiro, Central Ohio Technical College	University Hall 86
	Higher Education and Employment Outcomes	Josh Hawley, Ohio State University	University Hall 90

Sponsors: SAS

Guests: United States Census Bureau

Breakout Session Descriptions

1:00 – 1:45 pm

University Hall 82

R. Chris Armfield and John Berry, SAS Education Practice

SAS Software for IR

In this presentation we will discuss how SAS can help Institutional Research professionals address their important and diverse responsibilities. With powerful data mining and modeling techniques, industry-leading analytics, flexible data management capabilities, intuitive visualization and exploration interfaces, and an integrated platform environment to tie it all together, SAS can enable Institutional Research organizations of any size to attain their goals. In this session we will provide examples of some of our Higher Education customers' successes with student retention, enrollment projections, and operational efficiency, and will also cover some of the newer SAS software capabilities.

University Hall 86

Tim Sarko, U.S. Census Bureau

American FactFinder from the U.S. Census Bureau

This session will contain a demonstration of American FactFinder, along with other Census Bureau tools, including a new Bureau data platform, with special attention paid to educational, economic, and demographic variables collected from the survey. Participants are encouraged to ask questions, bring their computers, and follow-along with guided demonstrations.

University Hall 90

Yuerong Sweetland, Franklin University, and Nick Christian, Urbana University

Using a First-Year Survey to Explore Student Transition into College and Increase Student Retention

Increasing student retention has become a top priority at many higher education institutions across the United States. At Urbana University, we survey our freshmen to explore their transition into college and identify early interventions to help improve student engagement, retention, and success. At the same time, students, by completing this survey, will also reflect upon and assess their transition experiences and seek out resources available to assist them in academic and personal success. The presenters will share pilot data, discuss findings and implications.

Breakout Session Descriptions

2:00 – 2:45 pm

University Hall 82

Michael Kapper, inarow Higher Education Consulting, LLC

Back to the Future: Predictive Analytics for Student Success

This presentation uses a simulated dataset to illustrate the ways in which historical data describing student performance and student demographics can be used to predict and maximize future student success. While the data are simulated, the processes showcased, and the models can that can be created from these processes' results can be showcased using these simulated data. The presentation will demonstrate the modeling process and a mock-up of what the modeling can tell us.

University Hall 86

Jamie Paulson, The Ohio State University

Exploring Student Outcomes Across Disciplinary Boundaries: Developing a STEM Dashboard in Tableau

Increasing students' persistence and completion rates in science, technology, engineering, and math (STEM) fields is a pressing concern and common institutional goal. The division of STEM disciplines across organizational boundaries, however, creates a difficult environment for understanding students' academic outcomes in STEM at an institutional level. This presentation will describe the process of developing an interactive dashboard in Tableau which allows users to explore students' enrollment patterns, movement between majors, and overall STEM outcomes across four large colleges at The Ohio State University.

University Hall 90

Ute S. Lahaie, Walsh University

A Model for Program Review and Assessment Designed for Continuous Improvement

The presenter will discuss the implementation of a new program review process under the guidance of the office of institutional effectiveness and assessment and the university-wide program assessment committee. The new program review process builds on an established annual program assessment cycle and a recently completed program prioritization process by asking programs to provide annual responses to data and report outcomes of the annual program assessment. These annual reports culminate in a more in-depth five-year self-study that combines the results of the annual reports with additional questions designed to promote deeper reflection about the program's effectiveness with the goal of continuous program improvement, thus aligning with accreditation guidelines. Participants will engage in discussions about challenges and opportunities of program review processes at their institutions.

Breakout Session Descriptions

3:00 – 3:45 pm

University Hall 82

Mary Fugate and Riley Peick, Xavier University

Using Survey Data to Assess Faculty, Administrator and Staff Connectivity to Mission

The mission and work of Institutional Research includes collecting, analyzing, and reporting student, employee, and organizational data. While there has been a strong emphasis on student data and outcomes, collecting data from faculty, administrators, and staff has not been a priority. In 2013 and 2017, Xavier University's Office of Institutional Research created a survey research project supported by the Association of Catholic Colleges and Universities (ACCU) to assess the extent to which faculty, administrators, and staff's experience at their institution has contributed to their understanding and development of several mission, identity, and cultural values. All Jesuit Catholic Universities were invited to participate in the study, and participating universities were provided with their own baseline data as well as a benchmark report and longitudinal analysis. This presentation will include techniques for collaborating with multiple universities on a research project and will highlight how Qualtrics survey software can be used for the survey administration of large scale projects. In addition, Tableau best practices on formatting survey data and visualizing Likert scale data in an insightful way will be shared during this presentation.

University Hall 86

Joe Argiro, Central Ohio Technical College

Key Findings from Central Ohio Technical College's Revised Survey of Employers

During AY2016-17, Central Ohio Technical College revised their employer survey to meet the growing need on campus for employer feedback on anticipated changes to industry, as well as skill-specific performance of graduates. At the spring 2017 OAIRP meeting, the survey was workshopped in a breakout presentation. This session will update OAIRP participants on the final survey design and administration from July 2017, methodology, key findings, survey limitations, and future plans.

University Hall 90

Josh Hawley, The Ohio State University

The Ohio Education Research Center (OERC) carries out a number of different research and evaluation projects for higher education institutions in the state. The projects require data linking Ohio's higher education enrollments to employment. The presentation will focus on data infrastructure, including new additions to the OLDA archive that is used to carry out the research projects. Secondly, we will provide a brief overview of the recent and ongoing projects, reports, and dashboards.