



# NJAIR 24<sup>th</sup> Annual Conference New Jersey Institute of Technology May 11, 2018



## *"Increasing Impact through Accessibility, Visualizations and other Technology"* Conference Schedule

8:30 – 9:00	<b>Registration &amp; Breakfast</b> NJIT Central King Building (CKB) Room 116
9:00 – 9:15	<b>Introduction &amp; Welcoming Remarks</b>
9:15 – 10:15	<b>Keynote Address: <i>Show Them the Data - What One NJ Public Official Wished He Knew About Colleges and Universities</i></b>  <b>David Rousseau</b> , Vice President of the Association of Independent Colleges and Universities of New Jersey and former NJ State Treasurer
10:15 – 10:30	<b>Break &amp; Refreshments</b>
10:30 – 11:20	<b>Sponsor Presentation: Tableau Demonstration</b>
11:20 - 11:30	<b>Break</b>
11:30 – 12:15	<b>Panel: Leveraging Technology in IR Offices</b> Brief workshares followed by discussion by panelists: <b>Jason Schweitzer presenting about Rapid Insight</b> Director of Data Analytics and Campus Planning, Rutgers–Camden <b>Sam Michalowski presenting about Tableau</b> Associate Provost for Institutional Research and Assessment, Fairleigh Dickinson University <b>Karen Durkin presenting about Pyramid Analytics</b> Dean of Institutional Research, Rowan College Gloucester County <b>Bharathwaj Vijayakumar presenting about Tableau</b> Operation Research Analyst & Adjunct Professor, Rowan University
12:15 – 1:15	<b>Lunch Break &amp; NJAIR Annual Meeting</b>
1:20 – 2:10	<b>Breakout Sessions:</b> <b>CKB 126 - Visual Analytics in Higher Ed</b> <b>Rebecca Cobb</b> , Business Intelligence Analyst, Rowan University Rowan University's business intelligence group serves our internal client data needs by building visual analytics tools. These tools visually analyze student enrollment, internal transfers, and course sequencing among many other areas. This enables colleges and administration the ability to see patterns and longitudinal trends in their data to monitor program and student progress year over year.  <b>CKB 120 - Using Power BI to Visualize Entering Student Survey Data</b> <b>Ray Calluori</b> , Associate Director of Surveys and Information, NJIT One of the major issues with survey data is deciding the best format for presenting the results. In the past, we in IR have relied on statistics such as means, standard

deviations, and tests of significance, which senior administrators may not find appealing. Interactive data visualization allows them to have a customized view of the factors that most affect their unit. For instance, academic deans are most interested in academic strength of students. Those in student services such as admissions and enrollment management need to look at social, cultural, and other non-academic factors which contribute to a person's choice of college. Interactive data visualization empowers them to continuously improve their services. The one overarching factor is that this approach provides trend data rather than focusing on one individual survey, and instead gives a more complete picture using a multi-year format.

**2:20 – 3:20**

**Middle States Commission on Higher Education Research Presentation**  
**Dr. W. Allen Richman**, Senior Director for Research  
**Mr. Doug Macdonald**, Senior Analytics Specialist

**3:30**

**Closing Remarks and Adjourn**