

Conference Program Descriptions

2011 Rocky Mountain Associate for Institutional Research Annual Conference

TECHSHARE

Session I - Weavers

Title: **Data-marts and Dashboards for the Mom and Pop Shop**

Presenter: Paul Landrum, Institutional Research, Western New Mexico University

Description: An approach which provides easy and immediate access to information while maintaining data quality, secure access, and consistent interpretation. Demonstrations of interactive dashboards and a data-mart created for a fraction of the costs associated with more complicated and expensive applications.

Session II- Weavers

Title: **Establishing an Enterprise Data Warehouse within the IR Function or Be Careful What You Ask For**

Presenter: Kari Coburn, Assistant Vice Provost, Office of Institutional Analysis and Planning, University of Nevada, Las Vegas

Description: With UNLV's implementation of PeopleSoft CS as our new student information system, our president gave the Office of Institutional Analysis and Planning the authority and responsibility to develop an enterprise data warehouse and business intelligence platform. We will discuss the political and practical implications, lessons learned, strategies, and priorities for implementing a data warehouse within the IR function.

Session III- Weavers

Title: **Of Forests and Trees: Institutional Data Definitions and Decision Support**

Presenter: Christina Drum, Information Architect and Manager, Metadata, Office of Institutional Analysis & Planning, University of Nevada, Las Vegas

Description: Tasked with implementing an enterprise data warehouse and business intelligence platform within our IR office, we began with an understanding that accessible, reliable data definitions are fundamental to successful information delivery. We will demonstrate how we created a metadata repository to centrally house key informational elements that inform users and guide data mart development.

Session IV- Weavers

Title: **Tech Tools for Effective Team-Based Campus-Wide Planning and Management**

Presenters: Laura Yavitz, Research Analyst, Office of Institutional Research at the College of Southern Nevada (CSN); Diane E. Waryas, Director of Institutional Research and Strategic Planning, Touro University Nevada

Description: This interactive TechShare presentation will demonstrate a variety of tools that can assist IR professionals in effectively managing team-based, campus-wide planning and maintenance activities such as those related to accreditation, outcomes assessment, or strategic planning. Participants will discuss their effective strategies and resources will be provided.

Session V-Weavers

Title: **Using SharePoint Technology to manage Indicators and develop Relevant Dashboards**

Presenter: Ann Lewis, Director of Institutional Effectiveness, North Idaho College

Description: Indicators, those statistics we use to measure current conditions as well as forecast trends are becoming more and more critical in our institutions. How do we manage them, make them assessable, and in the process not overload our Administrators with too much information?

Session VI- Weavers

Title: **The More Things Change... Capturing Snapshot and Census Datasets in a Data Warehouse**

Presenter: Mike Ellison, Manager, Data Systems and Application Development, Office of Institutional Analysis & Planning, University of Nevada, Las Vegas

Description: Ensuring the preservation of data to support official census and trend reporting is a common concern for IR offices. Tasked with implementing an enterprise data warehouse and campus business intelligence platform within our IR office, our earliest priorities included developing a strategy for capturing daily data snapshots, with specific applications to Enrollment and Admissions datasets.

Session VII- Weavers

Title: **Using Pivot Tables in Excel 2010 for – Techshare**

Presenter: Mark Chisholm, Director, Institutional Research, University of New Mexico

Description: Excel 2010 offers pivot table options that offer very powerful options for summarizing data tables. Slicer boxes, indented row labels, drill down capabilities, and formatting options make it very useful for posting complex data in a way that is accessible to general users. This Techshare session will illustrate several concrete examples.

WORKSHARE

Session II-Turquoise

Title: **Evaluating the Effectiveness of a New Academic Calendar**

Presenters: Ronald M. Miller, Associate Professor of Psychology; Kathy Pulotu, Institutional Research Analyst; Lazel Gamil, Institutional Research Planning Analyst Intern; Cynthia Li, Student Assistant Researcher; Donika Byng, Student Assistant Researcher. All of BYU-Hawaii

Description: A new academic calendar aimed at speeding up students' time to graduation, reducing relative costs and serving more students became effective in 2009. Research was conducted to evaluate the effectiveness of the new academic calendar and how well students and faculty adjusted to the change by measuring different areas of concern.

Session III-Turquoise

Title: **Assessing and Increasing Customer Service within Institutional Departments**

Presenters: Ronald M. Miller, Associate Professor of Psychology; Kathy Pulotu, Institutional Research Analyst; Lazel Gamil, Institutional Research Planning Analyst Intern; Cynthia Li, Student Assistant Researcher; Donika Byng, Student Assistant Researcher. All of BYU-Hawaii

Description: In 2010 Institutional Research began assessing the service quality offered to students. SERVQUAL, technology which measures and manages service quality, was used to assess customer satisfaction. A calendar schedule and system was set in place to measure service quality across campus departments and follow up with implementing improvements.

Session IV-Turquoise

Title: **Integrate Your IE/IR Efforts with Campus Labs**

Presenter : Griffin Brock, Campus Labs

Description: *Campus Labs* has a set of web-based project management solutions that simplify and integrate your accreditation, strategic planning, learning outcomes assessment, internal program reviews, and student involvement processes. Features include accreditation management; tracking system for goals, projects and learning outcomes; survey, rubric and data collection tools; and robust reporting. The *Campus Labs* solutions are customizable and support multiple accrediting bodies and presentation formats. Attend our presentation to learn why more than 650 colleges and universities have already chosen *Campus Labs* to collect and connect their data.

Session V-T urquoise

Title: **How to Build an Institutional Research Function from Scratch**

Presenter: Stephanie M. Dykes, Research and Quality Assessment, Chamberlain College of Nursing

Description: This presentation describes the creation of an institutional research and quality assessment function at a for-profit college of nursing, including rationale for its creation, steps taken to create it, obstacles to overcome, keys to success, lessons learned, and an update on the current state of IR at this institution.

Session VI-T urquoise

Title: **Classroom space utilization: It doesn't have to be that hard**

Presenter: Fred Lillibridge, Vice President of Institutional Effectiveness, Doña Ana Community College

Description: Our community college is faced with growing enrollment that is stretching our classroom resources to the breaking point. While we continue to seek funding for new buildings, it is obvious that we need to do more with the space we have. This study – using readily available data -- was an attempt to find out just how well classroom space was being used.

Better Data: Better Decisions

Session I- Potters

Title: **Keeping up with the Joneses: A Benchmarking Study on Top Tier Institutions and their Relationship with the Municipalities that host those Institutions**

Presenters: Dr. Nicolas A. Valcik, Associate Director, Office of Strategic Planning and Analysis, The University of Texas at Dallas; Dr. Kimberly Scruton, Assistant Professor, Methodist University; Dr. Stuart B. Murchison, Clinical Associate Professor, The University of Texas at Dallas; Ted Benavides, Executive in Residence, Program of Public Affairs, The University of Texas at Dallas; Todd Jordan, Doctoral Candidate, Program of Public Affairs, The University of Texas at Dallas; Angela Olszewski, Business Analyst, Pension Technology Group; Andrea Stigdon, Administrative Services Officer, Office of Strategic Planning and Analysis, The University of Texas at Dallas

Description: This presentation will discuss benchmarking the top tier public institutions in U.S. News and World report using characteristics from both the institutions as well as their host municipalities to explore the relationships between the entities. In addition if there are any statistically significance between the two entities, the study will also look at the seven “Emerging Universities” that the state of Texas has denoted for top tier status to test whether or not a characteristics exist between the institutions and municipalities that will help or hinder their rise to top tier status.

Session I-Turquoise

Title: **Strengthening Policy Research& Decision-Making: Incorporating Qualitative Data and Analysis**

Presenters: Vicky Morris-Dueer, Institutional Researcher, University of New Mexico and Affiliate, Center for Education Policy Research, University of New Mexico; Tenley Ruth, Policy Analyst, Center for Education Policy Research, University of New Mexico

Description: Research on institutional policy relies heavily on quantitative data collection and analysis. Our presentation will share how we incorporated qualitative data and inductive analysis to answer questions which quantitative data alone could not answer. The use of multiple methodologies allowed the opportunity to integrate stakeholders' voices into research findings, strengthened our understanding of the quantitative data collected, and increased our ability to better respond to research questions.

Session II- Potters

Title: **Combining Traditional Admissions and Noncognitive Data to Establish Robust Early-Warning Systems**

Presenter: Paul A. Gore, Associate Professor of Educational Psychology, Student Success Special Projects Coordinator, and Director of Institutional Analysis, University of Utah

Description: This presentation will describe the combined use of traditional admissions data (e.g., ACT/SAT, high school GPA, and demographics) with assessed noncognitive/motivational variables to create a more robust and “earlier” early-warning system. Example data-use models and outreach efforts will be described.

Session III-Potters

Title: **Refocusing Student Success: A Model to Enhance Decision-Making**

Presenter: Stefanie Sutrina, Assistant Director of Institutional Research, Metropolitan State College of Denver

Description: Higher education literature implies that the traditional Student Success metric is inadequate to serve its accountability function. A Student Learning Progress Model has been developed to address limitations and initiate dialogue to enhance decision-making. The session explains the model, explores implementation, and describes its impact on institutional decision-making.

Session IV-Potters

Title: **Developmental Education: Costs, Results, and a Proposed Solution**

Presenter: Pat A. Bryson, Institutional Data Analyst, Adams State College

Description: This presentation consists of a literature review of the historical and current developmental education environment. This is followed with a longitudinal study based on Adams State College’s program. A proposed solution to this situation is offered at the conclusion to start a conversation on how to rectify the situation.

Session V-Potters

Title: **Students at the Crossroads: How Does the 12th Grade Impact Students’ Readiness for College and Careers?**

Presenters: Dawn Kenney, Director of Institutional Research and Policy Analysis, Central New Mexico Community College; Vicky Morris-Dueer, Institutional Researcher, University of New Mexico; Tenley Ruth Research Assistant, Center for Education Policy Research, University of New Mexico; Peter Winograd Director, Center for Education Policy Research, University of New Mexico

Description: Twelfth grade is a complex transition year for students going directly into higher education. We will discuss trends for a cohort of New Mexico 12th grade students in relationship to their meeting state graduation requirements and their remedial course taking patterns in their first semester in post-secondary institutions.

Table Topics

Session VI- Potters

Title: **Common Education Data Standards: What, Why, and How?**

Presenters: Tanya I. Garcia, Senior Policy Analyst, State Higher Education Executive Officers (SHEEO) Association; Katie Zaback, Policy Analyst, State Higher Education Executive Officers (SHEEO) Association.

Description of Presentation: Come learn about this collaborative effort to develop voluntary, common data standards for a key set of K–12 and postsecondary variables to improve the quality and portability of data in the education environment. Then share with us your thoughts about making it adoptable and implementable in the postsecondary sector.

Session VII- Potters

Title: **Developing an Approach to Evaluate Education Impact in New Mexico**

Presenters: Vicky Dueer, Institutional Researcher, University of New Mexico, Affiliate, Center for Education Policy Research, University of New Mexico; Tenley Ruth, Policy Analyst, Center for Education Policy Research, University of New Mexico; Kevin Stevenson, Associate Director for Finance & Development, Center for Education Policy Research, University of New Mexico; Peter Winograd, Director, Center for Education Policy Research, University of New Mexico

Description of Presentation: In this “Table Topic” session we invite discussion about how, as education researchers, we can encourage open conversation and cooperation with policymakers. Communication difficulties often serve as a bottleneck around sensitive education issues. We will present an emerging framework that the Center for Education Policy Research (CEPR) is using and invite questions and comments from our audience.

Panel Discussions

Friday, 8:30am – 9:45am, Franciscan

Title: **State of the States**

Panel Members: Mark Chisholm - New Mexico, Archie George - Idaho, James Rimpau - Montana, Ellen McGregor - Arizona, Kay Schneider - Colorado, David Ma -Utah, Kari Coburn – Nevada

Moderators: Hans L'Orange – National Perspective, Lisa Muller - Wyoming

Description of Discussion: Hear about items of interest, and learn what is happening in the education arena for all the states in the Rocky Mountain Association of Institutional Research.

Session VII- Turquoise

Title: **Fresh Perspectives in Institutional Research**

Panel Members: Katie Zaback, SHEEO; Dennis McAllister, Laramie County Community College; Gilbert Escarcida, Central New Mexico Community College; Glenn Damiani, Central New Mexico Community College

Moderators: Hans L'Orange, SHEEO; Lisa Muller, University of Wyoming

Description of Discussion: Hear about items of interest, and learn what is happening in the education arena for all the states in the Rocky Mountain Association of Institutional Research.