



SMART CAMPUSES

LEADING THE CAMPUS OF THE NEXT CENTURY

2019 OAPPA Annual Conference – May 28 to May 31

Managing Big Data in the Era of the Smart Campus

Presentation Theme

In the 21st Century, we are data driven society, especially on college and university campuses. There are literally mountains of data sets and more is created every day. But what tools exist that make sense of it all? Are there answers in the data to questions that have not yet been asked that would make a difference? This presentation will look at data mining trends and patterns, highlight some of the tools to create dashboards to clearly visualize what's important and evaluate few of the most powerful gaming environments to quickly create analysis and present scenarios.

Learning Outcomes/Take Aways:

- Explore the tools that exist that make sense of the mountains of data that is generated everyday
- Gain understanding of what is really important about the data mining trends
- Discover some of the tools to quickly analyze and present scenarios

Presenters:

Jimmy Stevens, Sustainability Director, Associate AIA, LEED AP BD+C

Jimmy is a Principal, Sustainability Director and project manager at HEWV Architects (Hanbury), where he has been since 1999. He has been LEED AP BD+C accredited since 2007. He is also a 2015 graduate of the National Renewable Laboratories (NREL) Energy Executives Leadership Training program. In his planning and associated analytics work for colleges and universities, he analyzes complex student demographic data and facilities space data. Making sense of large data sets such as faculty, staff and student surveys, has helped the firm's clients make data driven decisions about space use, efficiency, and student needs.

Buddy Hall, Principal, ASLA

Buddy is a Principal in HEWV Architects planning studio. In his 20 years with the firm, his work has encompassed more than fifty colleges and universities. He is a frequent speaker at conferences, a regular contributor to the firm's blog, and is the recipient of the American Society of Landscape Architecture Honor Award for research. His two books, *Community by Design* and *A Concise Guide to Community Planning*, are used as textbooks in many collegiate urban planning programs.