2012 AIA Technology in Architectural Practice Award

The AIA Technology in Architectural Practice (TAP) Knowledge Community has spearheaded an effort to highlight award winning "best of breed" case studies from the profession in the harnessing of Building Information Model (BIM) technology and processes to further design, construction and project excellence.

This year Penn State received the Academic Program/Curriculum Development Award for the Interdisciplinary Collaborative BIM Studio at the AIA National Convention in May. The studio uses digital modeling as a collaborative tool for integrating sustainable design across the disciplines of architectural engineering, architecture and landscape architecture. Students worked collaboratively in cross-departmental courses and studios using BIM solutions to help develop, explore, and analyze building designs, and experience first-hand the benefits of using an interdisciplinary project design approach.

From left to right: Laurie Beth Donnachie, landscape architecture student, Josh Progar, AE structural, Mazhad Tashakori, architecture, Asher Harder, AE lighting electrical, Josh Wentz, AE mechanical, Pat Laninger, AE construction, David Schrader, architect practitioner