Building Sustainable Communities

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designed spaces to bring together the scattered classrooms and studios in the two buildings. Hence, it is proposed that some of the functions and spaces in the College of Design be reassigned and reorganized. This proposal offers a design approach through the creation of a new conceptual design for the Armory Building. This study also offers an opportunity to specify sustainable materials to develop a new structure within the Armory Building to provide an "environmentally responsible design, renewable energy focus, and economics."

The Armory Building as the site selected for the present study, has good potential for an educational facility to utilize sustainable design based on the following reasons. The preservation of the existing building offers several advantages. The utilization of sustainable theory is a moral responsibility for the designer. Because of deteriorating environmental conditions, the sustainable design is becoming an important field in interior design. Therefore, we need to figure out global issues of sustainability to understand and resolve our environmental problems.

The proposed design is to design a five-story building inside the Armory building using sustainable principles; meaning the designer should consider selecting environmentally friendly materials and construction methods to enhance the educational environment of the students and other users. The proposed design revives the historical building to emphasize the importance of preservation. It demonstrates how to renovate an existing building as "adaptive-reuse" thus making it a cost-effective endeavor and includes the knowledge of sustainable materials used and to be used in other projects. These ideas will benefit both the provider and users, thus, having an impact on sustainable design in an educational facility.

**Keywords:** sustainability, preservation, academic (university), interior design, case study

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**The Architecture of Schools of Architecture**

Organizers: Jack L. Nasar (The Ohio State University) and Wolfgang F. E. Preiser, (University of Cincinnati, Ohio) [Symposium]

Participants: Kathryn H. Anthony (University of Illinois), Galen Cranz (University of California, Berkeley), Ebru Cubukcu (Dokuz Eylul University, Turkey), Henry Sanoff, (North Carolina State University), Nancy Kwilek (University of Texas), and Doug Perkins (Guelph University, Canada)

Discussant: Ulrich Schramm (University of Applied Sciences, Germany)

When universities plan new schools of architecture, they may look at design magazines and visit a few new buildings. Such cursory evaluations may catch more form than substance, missing the actual performance for the university and occupants. No one has systematically looked at the performance of the architecture of schools of architecture. This session aims to shed light on the issue, examining the evolution, performance, and future directions for design of schools for designers. For a forthcoming book (Designing for Designers, Fairchild, 2007), the session moderators, and book editors, led an international group of more than twenty-five collaborators, which included three deans, in examining architecture education, and buildings. They conducted sixteen post-occupancy evaluations of new buildings, and renovations/ additions to buildings for schools of architecture, of which several were designed by signature architects. How have these designs fared as learning environments, how do the signature designs compare to others by local architects, and what responsibilities do such buildings have as role models for design on their campuses and in their communities, and as role models as places to teach future generations of aspiring design professionals?

The two sessions have presentations introducing and describing the evolution of the project, lessons learned from the evaluations that range from 1976 through 2006 (has anything changed in thirty years?), and photographic tours highlighting the POE findings in new architecture buildings by signature designers such as Peter Eisenman, Steven Holl, and Mack Scogin (with Michael Van Valkenburgh, Landscape Architect), and by local firms at universities from around the country and the world, including the eight universities the participants of this symposium are affiliated with (see above). The symposia also includes commentary on the presentations, and discussion among panelists and the audience about future directions for building performance and user evaluations, and about parameters of design for design education in the future.

**Keywords:** academic settings, architecture

**The School of Architecture at Dokuz Eylul University, Izmir, Turkey**

Ebru Cubukcu

This presentation presents results of the post-occupancy evaluation of the Mehmet N. Tureyen design for School of Architecture building at the Dokuz Eylul University, in Turkey. It uses walk-through photos of the building and its exterior to illustrate the results. The presentation also offers lessons learned for future designs.