



Architectural Engineering Professional Project Award

Introduction

The Architectural Engineering Institute (AEI) of the American Society of Civil Engineers is pleased to announce the first annual Architectural Engineering Institute Professional Project Award. The award is designed to mirror the goals, program, and schedule of the Architectural Engineering Student Design Competition explained below and to nationally showcase best practices by industry professionals and companies on real-world projects.

The AEI Professional Project Award program is designed to publicly acknowledge outstanding achievement in design and construction. The program seeks to educate students and professionals through examples that illustrate the application of academic studies to practice with focus on the art and science of an integrated approach to architectural engineering. The rules and requirements for the AEI Professional Project Award are explained subsequently.

Architectural Engineering Student Design Competition

The AEI student design competition is a project involving the design and construction management of the engineered aspects of a high performance building including the structural systems, building envelope, mechanical systems and electrical systems. The emphases of the competition are integration of the engineered systems for a high performance building, collaboration, competition, and peer review. Students are encouraged to work together in multi-disciplinary teams and consider how the engineered systems enhance the architecture of the building.

The AEI student competition is open to both graduate and undergraduate students in accredited architectural engineering programs and teams are supervised by faculty advisors. Submissions are entered in the building systems integration category and one or more of the following four categories: structural systems design; mechanical systems design; electrical systems design; and innovative construction management and construction methods.

Although they do not have to match the project type or program criteria, submissions should address the spirit and challenges of the AEI student design competition. For more information on the student competition, please see: <http://content.asce.org/studentcompetition/competition.html>

Architectural Engineering Professional Project Award – Eligibility

Submitted professional projects for Professional Project Award should include key attributes that supports the goals and the program of the Student Design Competition. The Professional Project Award is open to AEI individual and corporate members and to AEI industry partners. At least one primary project team member or firm must be an AEI individual member, corporate member, or industry partner. AEI industry partners may be current or former competition/conference sponsors, executive council members, or competition judges. For AEI Member Application, please see: <https://secure.asce.org/ebusiness/Default.aspx?TabId=177>

The professional projects submitted must be at least substantially completed through construction within the last five years. Entrants may submit more than one project, and each project may be entered in multiple categories. Each entry submission is required to include written permission of the Engineer-of-Record or Responsible Engineer with all required submission materials before entries will be considered.

2013 Professional Project Award Schedule

Submission Deadline	March 1, 2013
Award Notification	March 15, 2013
Banquet & Awards Ceremony	April 4, 2013

Presentation of the Professional Project awards will occur at the [AEI National 2013 Conference](#), which takes place April 3 - 5, at the Pennsylvania State University, University Park, PA. The event will be broadcast by video to all the architectural engineering programs and the winning entries will be published on the AEI website and will be made available to the media and professional journals through press releases.

Committee Review

The professional project submittals will be reviewed by a committee of five jurors composed of representatives from the AEI Board of Governors, AEI Executive Committee, and AEI Academic Council.

Evaluation Criteria

Submissions will be evaluated in each category based on the following judging criteria in priority order:

1. Originality and Innovative Character
2. Integration and Collaboration
3. Sustainability, Energy Efficiency and Economics

Award Categories

A winner will be announced in each of the following categories:

1. Architectural Engineering Integration
2. Structural Systems Design
3. Mechanical Systems Design
4. Electrical Systems Design
5. Construction Management and Methods

One “Best Project” and up to two “Awards of Merit” will be awarded in each category. In addition, one project will be recognized for the “Best Overall Project” and one project will be recognized for the “Most Innovative Project” as additional awards beyond those recognized in the submitted category.

Required Submittals

All entries must include, at a minimum, the following:

1. Completed entry/signature form along with \$250 entry fee to be used towards funding the student competition. Checks payable to **AEI of ASCE** c/o Verna Jameson at the address below.
2. A project abstract with up to 300 words generally describing key aspects of the work to be used in the Awards Banquet and other publications.
3. Up to a two-page project summary (12 pt font, 8-1/2” x 11” format) for each entry category describing the project specifically highlighting key aspects as they relate to the entry category, judging criteria, and the student competition.
4. Digital files that contain the project abstract and summary in a MS Word format. Include a MS PowerPoint format file for summary slides of the work (6 min. and 12 max.). Include one high resolution .jpeg or .tiff file of the finished project that can be used for publication.
5. All entries shall be the sole property of AEI and submitted materials will not be returned. AEI reserves the right to use or publish some or the entire materials in publications. By entering, the entrant grants a royalty-free license to AEI to use any copyrighted material. Such right includes publication of photographs and names of recipients without compensation to entrants. Entrant must obtain and submit any rights to publish photographs or figures used in their material obtained from third parties or other publications.

All digital information shall be forwarded by email, and the entry fee check shall be forwarded by mail, to the following contact:

Verna L. Jameson
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