

# Get the **AEI Advantage**

## Set Yourself Apart from Your Peers... and Advance Your Career

- Gain a well rounded view of how buildings go together—from drawings and documents to final project delivery — and key insights into working more effectively with all members of the project team
- Network with leaders and innovators at the forefront of architectural engineering
- Distinguish yourself with professional credentials
- Gain leadership experience through active committee participation and conferences
- Learn what others are doing and discover new areas for research
- Keep your professional registration current and expand your opportunities with continuing education credits

## Advance Architectural Engineering

- Help promote architectural engineering as a value-added profession
- Enhance architectural engineering information and continuing education
- Help shape the direction of education, research, and industry standards

## Advance the Performance of Buildings

- Explore cutting-edge practices to enhance the performance, safety, security, and efficiency of buildings
- Help shape guidelines and codes based on the latest research and development
- Improve the body of knowledge by contributing to the *Journal of Architectural Engineering* or presenting papers at the AEI conference

## Other Member Benefits

- Get discounts on AEI publications, conferences, continuing education courses, and webinars
- Get AEI's bi-monthly newsletter, *The Team*, distributed electronically to AEI members

[www.aeoinstitute.org](http://www.aeoinstitute.org)



Join AEI today...

and get connected.

The Architectural Engineering Institute seeks the active participation of all professionals interested in advancing the performance of buildings.

### Four ways to join...

#### Already an ASCE member?

You can join AEI at no extra charge, if it is your first institute... or \$30 a year if it is your second institute.

#### Direct AEI membership.

AEI membership is open to all interested professionals for \$100 annually.

#### Corporate Membership.

AEI corporate membership is a unique opportunity not only to support the professional development of your employees, but also to enhance your company's connection with others in the field.

#### AEI Student Membership is FREE!

AEI offers free membership to students studying architectural engineering. Membership rates are prorated for the first three years after graduation: \$0 for the first year after baccalaureate, \$40 for the second year, and \$80 after the third year.

All specialties within architectural engineering will benefit from AEI membership and are encouraged to participate.



Architectural, Structural, Mechanical, and Electrical Engineers and the Architectural Communities

Working Together to Advance the Art & Science of Buildings and Promote Architectural Engineering



**ARCHITECTURAL  
ENGINEERING  
INSTITUTE**

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**ARCHITECTURAL  
ENGINEERING  
INSTITUTE**

## Architectural Engineering Institute

is the only organization that brings together architectural, structural, mechanical, and electrical engineers and the architectural community to find new ways to make buildings better. Established in 1998, AEI provides a forum to examine issues, exchange views, and facilitate crucial communication among members of the building team, both on a technical basis and in the professional arena.

AEI is the premier organization for architectural engineering, providing its more than 8,000 members timely technical information, professional advocacy, continuing education, and opportunities to excel in their careers.

### Among its goals, the Architectural Engineering Institute

- » serves the building community by promoting an integrated, multi-disciplinary approach to planning, design, construction, and operation of buildings
- » encourages excellence in practice, education, and research in architectural engineering
- » advances the architectural engineering profession through its support of the architectural engineering licensure exam, which licenses building professionals in 49 states and Puerto Rico
- » advances continuing education, stimulates research, and disseminates information through its journal, committees, conference, symposia, and networking opportunities
- » promotes the value of architectural engineering
- » supports architectural engineering education through its Academic Council, its annual student conference, its student chapters, its annual student competition, its Student Activities Committee, and by working with universities



## Knowledge Resources

**The Journal of Architectural Engineering** provides a multidisciplinary forum for research and practice-based information on the engineering and technical issues of building design.

Peer-reviewed papers and case studies address issues and innovative topics related to buildings.

**The Team**, AEI's free e-newsletter, provides a bi-monthly update of activities and opportunities within AEI.



## Get Active!

Get the full value of your AEI membership by actively participating in AEI. Committee membership provides unrivaled opportunities to get to know and work more closely with your peers and leading experts in the field, stay abreast of new technologies and emerging trends, expand your knowledge base, and spur professional and personal growth.

**AEI's administrative committees** provide guidance in the BS and MS architectural engineering curriculum and ABET program criteria, develop and maintain the Principles and Practices of Engineering (PE) examination in Architectural Engineering (AE), develop architectural engineering awards, provide continuing education opportunities, and oversee the publication of the Journal of Architectural Engineering.

**AEI's technical committees** provide a forum to study and present new developments and technologies and to stimulate the multi-disciplinary cooperation needed to advance the field and state of the art in creating better buildings.

## Architectural Engineering Conference

AEI's biennial conference keeps members up to date on the latest techniques and advances in building systems through workshops, technical papers, presentations, panel discussions, exhibits, and technical tours. Participants also benefit from networking opportunities with peers and industry leaders in the field and earn **AIA/CES learning units and Professional Development Hour (PDH) credits**.

### Mitigation of Effects of Terrorism

#### Architectural Systems

#### Curtainwall Systems

#### Building Energy Systems and Optimization Methods

#### Recommended Electrical Installation Practices for Control, Communication, and Power (C2P) for Critical Facilities

#### Standards Administrative Oversight

#### Facilities for the Aging

#### Facilities Management

#### Structural Glazing

#### Building Security

Task committees are created as needed to study and address topics of current interest. Task committees were recently established to study building commissioning and to assess the effects of Hurricane Katrina.

## Build Your Credentials

### Professional Certification Exam for Architectural Engineers

AEI develops and maintains the Principles and Practices of Engineering (PE) in Architectural Engineering (AE).

Professional licensure is granted by the State Board of Registration to applicants who have passed the PE exam offered by the National Council of Examiners for Engineering and Surveying (NCEES). During each of the past two years, over 100 candidates have taken the exam.

### AEI Fellows

Highly qualified architects and engineers with 10 or more years experience may distinguish themselves by becoming an AEI Fellow. Nominations are reviewed by the AEI Board of Governors.

### Awards

Each year AEI recognizes advancement to professional knowledge by recognizing the outstanding paper of the year published in the Journal of Architectural Engineering. Additional awards are presented periodically to recognize outstanding professional accomplishment and distinguished service to architectural engineering.

### The ASCE Charles Pankow Foundation Annual Architectural Engineering Student Competition

Emphasizes integration of the engineered systems for a high-performance building. Students are encouraged to work together in multi-disciplinary teams and consider how the engineered systems work with or enhance the architecture of the building. The competition design circumstances are picked to elicit the kinds of ingenuity, innovativeness, and originality of work approach that have characterized the Charles Pankow legacy.

## A Special Invitation to Students and Young Professionals

Whether you have graduated with a degree in architectural engineering or are building your career in one of the related engineering specialties or in the architectural profession, AEI provides the holistic perspective that can help you distinguish yourself as a highly effective member of the building project team or prepare yourself to become a project lead. AEI is the only professional organization that provides this focus and advantage.

Additionally, because AEI is a young and growing organization, there are more opportunities to get involved in AEI technical or administrative committees where you will gain your greatest benefit of membership. Participating in AEI gets you outside your practice specialty to gain a big picture understanding that can make you more effective at what you do today...and position you for career advancement.

