

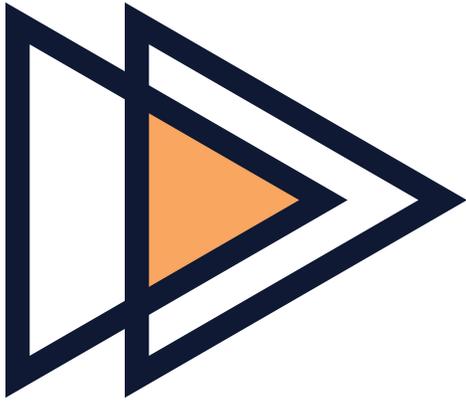
congruence

aia | ia | con | 9.21-22.23



registration
information





Welcome to AIA Iowa's Fall Convention: CONGRUENCE. When ideals and actions align, congruence is realized. Overlapping goals drive forward progress, yet a Venn diagram never fully meets. Congruence is therefore both a celebration of common ground and an appreciation for different lenses. This year we ask you to focus on actively engaging with the membership to enhance our profession's alignment of standards and strategies, while embracing varying perspectives as we take on industry challenges together.

People are at the center of design; as such, diversity and inclusion are key to an informed and insightful profession. Our industry serves the greater good even though statistically only 1% of the population works directly with an architect. Tactful outreach and active listening are important to understanding problems and identifying areas of growth. Once implemented, we can begin building relationships, fostering partnerships, and realizing shared visions that empower communities to make positive advancements to improve overall humanistic well-being.

Many paths feed into our industry; we want people to aspire to become architects or to realize they want to work with architects. To connect with

others, we encourage sharing of origin stories. Some individuals grow up knowing what they want to be, but many others are informed by other passions—sculpture, gymnastics, physics, music, etc.—before pursuing architecture. Our mission is to fashion a tent big enough to include a tapestry of viewpoints and serve a variety of means.

In summary, CONGRUENCE is a call for purposeful engagement and implementation. Please join us as we analyze how our thinking translates to what we say and do—both as an industry and as individuals.

Justin Burnham, AIA
AIA Iowa Convention
Committee Co-Chair

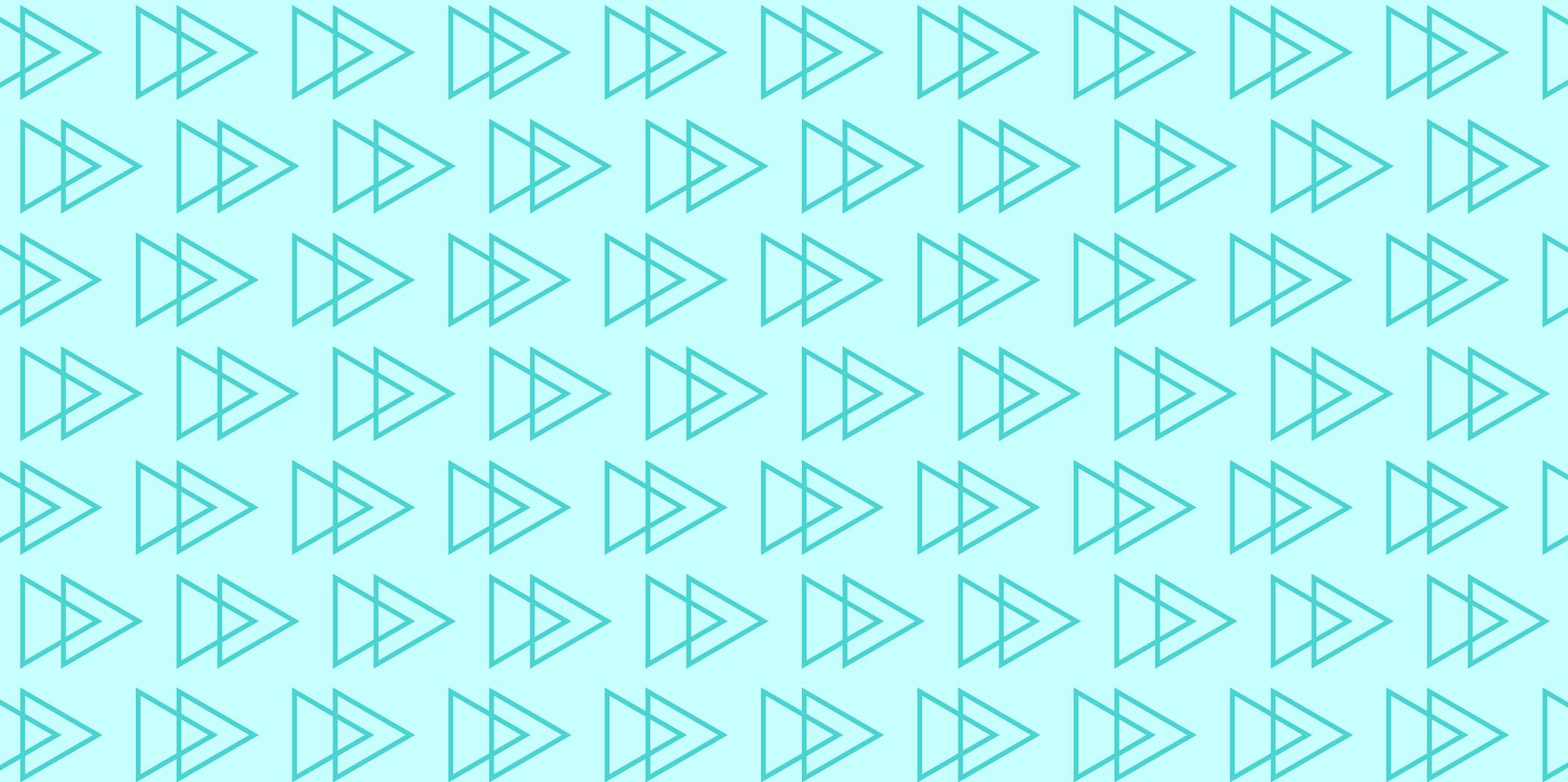
Tonia Householder, AIA
AIA Iowa Convention
Committee Co-Chair



Join us at the AIA Iowa Annual Convention to create new contacts and reconnect with old ones.

Attendees include architects, engineers, interior designers, landscape architects, facility managers, planners, Iowa State University students and faculty, and more!

- Gain insight into trends from over 150 exhibit booths
- Learn about the latest products and services available in the market
- Expand your knowledge by choosing from 24 workshops
- Learn best practices from 5 well-known keynote speakers
- Network with over 1,000 attendees from the AEC community



speakers



Thursday, September 21, 8:15 a.m.
1.25 HSW LU, 1.25 LA PDH

David Powell, FAIA

Hastings Architecture
Nashville, TN



David M. Powell, FAIA, has been designing nationally celebrated, award-winning architecture since 1991. As a former musician, Dave's work shares vocabularies across multiple art forms—drawing from the creative community and storytelling culture formed by the legendary songwriters of his home city of Nashville, Tennessee. As a Principal of HASTINGS, Dave's diverse body of work has garnered many accolades, including over fifty AIA design awards, and has been recognized by ARCHITECT Magazine, Architectural Record, The Architect's Newspaper, The Chicago Athenaeum, The New York Times, The Wall Street Journal, and the Urban Land Institute.

In 2016, Dave was elevated to the prestigious AIA College of Fellows for his design excellence, leadership, and positive contributions to architecture and society. He is currently serving as the inaugural Advisory Board Chair for the new College of Architecture and Design at Belmont University, and on the Founding Board for the Museum of Contemporary Arts Nashville (MoCAN). He has also served on a variety of boards and committees for non-profit organizations such as the Urban Land Institute, Urban Housing Solutions, Thistle Farms, and Nashville Repertory Theatre, and as President of the Board of Directors for AIA Middle Tennessee and the Nashville Civic Design Center.

Harmony and Dissonance: Responding to the Rapidly Changing Face of Nashville

Nashville is rich with a cultural context that transcends the first-impression brand of honky-tonks and "Music City, USA". David Powell, FAIA will present the work of HASTINGS and how the deeper influences of the Nashville music scene and his own journey as musician/architect inform his own design process, celebrating Nashville's true cultural vernacular in the face of rapid growth and change

By attending this keynote address participants will:

- Have learned how the inclusion of equitable and environmentally beneficial elements in the design process positively affects building occupants
- Have learned practical steps on how to maintain a sustainability and occupant-welfare mindset from project inception to completion
- Be able to recognize how the design process employed by HASTINGS is committed to upholding the sustainability of the project and the security of its users
- Be able to look beyond the physical and socio-economic boundaries of their projects to account for the health and well-being of the community at-large

speakers

Thursday, September 21, 3:45 p.m.
1.25 HSW LU, 1.25 LA PDH

Chris Baribeau, AIA

Modus Studio Architecture + Prototyping
Fayetteville, AR



[speakers](#) [events](#) [workshops](#) [schedule](#) [pricing](#) [register](#)

Chris Baribeau, AIA is the Principal Architect and co-founder of modus studio, a progressive and mutable design collective. The firm is based in Fayetteville, Arkansas, and has contributed a broad range of influential, sustainable, and award-winning place-making projects to the built realm since its inception in 2008.

Together with companion fabrication lab, modus shop, the firm bridges the profession with architectural, graphic, prototyping, and fabrication work. Craft in the hand of design and making is at the core of their design vocabulary, used to create architectures founded in a think, make, do process.

As the leader of the firm, Chris draws daily inspiration and experience from his place, the threshold between the natural and man-made world of the Ozarks. He is an advocate of conscious observation as inspiration for design and views the world around him as an unwritten instruction manual for living.

He follows an idea; the idea that architecture can be sourced from the simple, everyday experiences of life. He believes the architecture that results from these experiences can be inspiring to all people in a personal, practical, and sustainable way. People deserve good space and good buildings, derived from good ideas.

Work Hard, Play Hard

Through a clear process of design, we make buildings that are meaningful for people within their community. This requires craft and thoughtfulness and an underlying position on sustainability for building healthy places. This course will show multiple examples of this process and share new ways of thinking about the placemaking and building construction, including the incorporation of Mass Timber and other unique building materials and systems.

By attending this keynote address participants will:

- Have a stronger sense of how to respect and incorporate the lived experience of the users' history and needs in the design-ideation process
- Be able to approach the use of sustainable construction and modern practices more thoughtfully as a means of satisfying the building users' health and safety concerns
- Understand how crafting a wide range of project typologies infuses mutability into the design process. Resilient design can be changed as safety and health standards change and a building occupant's needs change
- Understand how the craft of architecture can build healthy places where people live, learn, work, and play. Acknowledging the flexibility that spaces must accommodate for longevity and wholistic benefit of the occupants

speakers

Friday, September 22, 8:30 a.m.
1.25 HSW LU, 1.25 LA PDH

Wendy Joseph, FAIA

Studio Joseph
New York, NY



[speakers](#) [events](#) [workshops](#) [schedule](#) [pricing](#) [register](#)

Wendy Joseph, FAIA founded Studio Joseph, an architecture and exhibition design practice in New York City after more than a decade working with Pei Cobb Freed & Partners. She is an Academician of the National Academy of Design, a Fellow of the AIA, and has held numerous leadership positions, including president of the Architectural League of New York and the AIA National Committee on Design. She has driven her firm towards projects in the public realm that embrace context, learning, and community as a part of a strong belief in social equity

What is Missing: Design with Meaning

As architects we can bring people together for learning, socializing, and building stronger communities. If we listen carefully, give everyone access, and bring forward sustainable principles, our work will hold significance over time. Projects that include historical content can help foster greater social equity.

By attending this keynote address participants will:

- Establish a single guiding purpose for practice that embraces social equity. Working with cultural institutions to set learning objectives and build environments that will bring communities together around shared goals.
- Understand how design can embody cultural history and the effects of the past on how we live today and work to make places that display and interpret cultural artifacts with a focus on equity of source and audience.
- Learn how to embrace all type of diversity in our design more than just meeting the standards and minimum requirements for health and safety. Opportunities related to how we can support all human senses in ocular-centric environments.
- Explore how can material selection support the broader environmental concepts. Consider material selection and how different materials combine to maximize design impact and coherence while saving resources and energy.

speakers

Friday, September 22, 3:30 p.m.
1.25 HSW LU, 1.25 LA PDH

Maria Alessandra Segantini

C + S Architects
Treviso, Italy and London, UK



[speakers](#) [events](#) [workshops](#) [schedule](#) [pricing](#) [register](#)

Alessandra Segantini, is an International Architect and co-founder of C + S Architect with two offices, one in Italy and the other in London. Segantini has practiced and lectured internationally. Her lectures have taken place at MoMA, at MIT in Boston, where she has been a visiting professor, Cornell University AAP, Columbia University among many others.

AAEQUILIBRIUM: We Take Care of People and the Planet

Alessandra will present her work and practice methodology at C+S Architects LTD. This course advocates for designing with a great deal of empathy. Translation Architecture is a philosophy that believes high-quality architecture is achieved by constant dialogue in many directions: translating the desires of clients, consultants, contractors and final users together with the landscape and its ecological demands. Architecture re-writes the features of its place, as such Translation Architecture anchors development with ecological synthesis against imitation of the past and the temptation of the fashionable.

By attending this keynote address participants will:

- Evaluate ecological/environmental conditions across a variety of urban landscapes while considering the synthesis of building systems and civil infrastructure to design a healthy environment for the urban community.
- Learn the importance of communication with clients, users, and the public to obtain feedback on design features necessary for a safe and healthy building environment. Participants will also learn how to navigate complex issues including local ecologies, economic criteria, zoning and land-use patterns, real estate analytics, and accessibility and affordability.
- Have the opportunity to incorporate new building materials and systems in historic contexts, while still maintaining stylistic preservation concerns. This will enable a constructive dialogue and improve accessibility and welfare for all users. The approach will embrace modern building technologies to achieve these goals.
- Make a connection between design research, programming/analysis, and user health and wellbeing with emphasis on the importance of recording post-occupancy observations to create lasting impacts on the physical and cultural context of a space. They will learn that the use of empathy is also a crucial factor in the design process.



events

events

IAF Architecture Trivia Night

Wednesday, September 20, 6:30 p.m.
RDG Planning & Design
301 Grand Ave., Des Moines

Join us for a fun night of architectural trivia! Organize a team of your own (max 6), or join one when you get there. Be prepared for a thrilling night of trivia, drinks, snacks, prizes... and bragging rights! Proceeds go to the Iowa Architectural Foundation.



Lunch Program: Korey White, AIA, At-large Director to the AIA Board, of DLR Group

Thursday Lunch, September 21, 11:45 a.m.
Dining Hall, Lower Level

Korey White, AIA, is driven by her desire to create more equitable and inclusive communities, bringing open-mindedness and a systems view to her role as an architect and urban planner. She applies her dual master's degrees in architecture and urban and regional planning to an interdisciplinary approach that creates impactful outcomes for her clients and the community. Korey leads planning at DLR Group as a planning discipline leader and K-12 national planning leader. She recently graduated with a Master of Business Administration from the University of Illinois at Urbana-Champaign, where she was selected as a Forté Fellow and focused on entrepreneurship and strategic innovation and global challenges in business.

Korey is recognized for her leadership within architecture through her service on the AIA National Board of Directors as an At-Large Director through 2025, Chair of the Board Level Candidate Development Committee, member of the Secretary Advisory Committee, the AIA Strategic Council as 2022 moderator and at-large representative. She was awarded the 2018 AIA Young Architects Award and the 2017 BD+C 40 under 40. She volunteers her time and energy to advance the future of the profession and raise the collective voices of all architects to effect change in the profession, resulting in more just, equitable and inclusive communities.

events

The Excellence in Energy Efficient Design Awards

Thursday Lunch, September 21, 11:45 a.m.
Dining Hall, Lower Level

The Excellence in Energy Efficient Design awards program celebrates projects that support AIA's Climate Action Plan and Blueprint for Better initiative through outstanding efforts in reducing energy use. Award candidates are selected from projects whose designers participated in the Commercial New Construction program offered by Alliant Energy and MidAmerican Energy Company. Projects with the highest annual energy savings percentage in each utility's service territory are selected for an award.

Sponsored by Commercial New Construction Program

Cocktail Party Hosted by Convention Exhibitors

Thursday, September 21, 5:00-6:30 p.m.
Exhibit Hall, Upper Level

Design professionals! With the first day of the convention wrapping up, head back to the Main Exhibit Hall to enjoy a complimentary beer (or two), tasty treats, or a drink from the cash bar with colleagues, allied members, and exhibitors. Take a walk through the 156 exhibits showcasing the latest products available- there is something that will appeal to designers in any practice! Don't forget the door prize drawing taking place at the projection stage-- you must be present to win!

Awards Celebration

Thursday, September 21, 7:00 p.m.
Mainframe Studios
900 Keosauqua Way, Des Moines

Join us in honoring the winners of the annual awards contest. An evening of conversation and refreshments with colleagues is the perfect night cap to round out the first day of the convention. This event will recognize the exceptional design of Iowa architects from the past year. Be sure to purchase your tickets during online registration.

Mainframe Studios is a financially self-sustaining nonprofit providing affordable workspaces to advance equity and opportunities in the arts.

NEW THIS YEAR! The Awards Celebration is accredited for 2 hours of continuing education (2 LU)

events

Feed Your Future: Emerging Professionals Breakfast

Friday, September 22, 7:45–8:15 a.m.
Room 310, Lower Level

An event created specifically with emerging professionals in mind, come mingle with the Board of Directors, Committee Chairs, and peers to discuss how AIA Iowa can be the steppingstone to a successful career. Come Feed Your Future at the EP Breakfast and learn more about our group mentorship program.

Masonry Institute of Iowa Architectural Design Awards

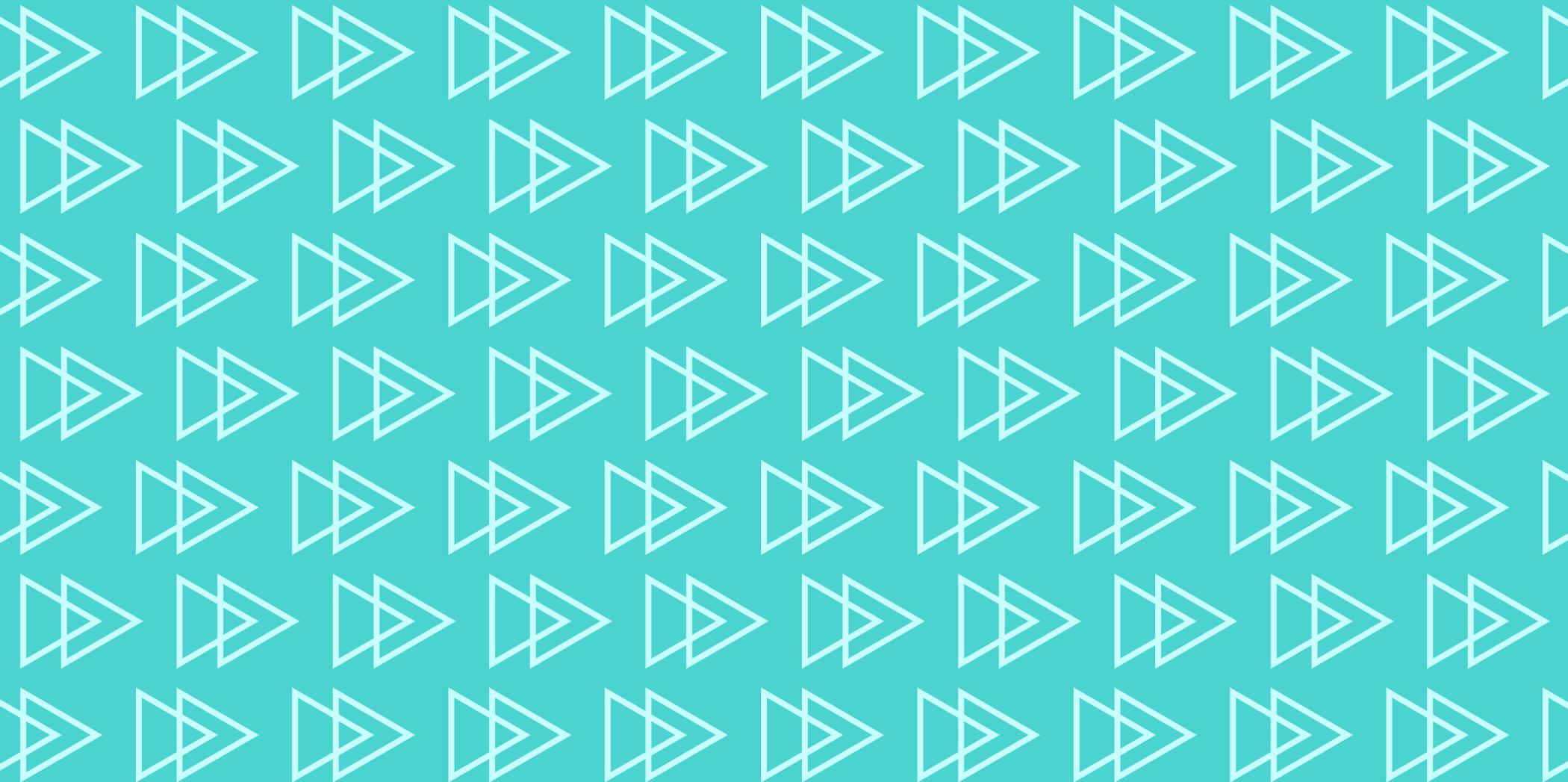
Friday, September 22, 8:15 a.m.
Lecture Hall, Lower Level

The Masonry Institute of Iowa's Architectural Design Awards celebrates Masonry and Architectural Design Excellence in Iowa. Entries are judged by a panel of architects from outside of Iowa focusing on the excellence of each individual project, including creative use of masonry, structural and architectural design, proper masonry installation details, technical innovations and their influence on design selection, and suitability of design to its environment.

Sponsored by the Masonry Institute of Iowa

exhibit and sponsorship opportunities

Opportunities for **exhibitions** and **sponsorship** are available. This is your opportunity to showcase your business to over 1,000 attendees from the AEC community. For more information about these opportunities visit AIAIowaEvents.org or contact AIA Iowa at info@aiaiowa.org or 515-244-7502.



workshops

workshops

Session 1: Thursday, September 21, 10:45–11:45 A

1

Forecasting Our Future to Compete & Win

CONGRUENCE

A clear forecast of workforce trends and its effect on occupancy and use, using data directly from employers in our region. Hyper-local data about the future of work and how places, buildings as well as master plans, must evolve concurrently, working together to create economic growth in our region, and notably focused on people and their human potential. The data is critical to community investments in real estate, workplace, and work. Most importantly, how design professionals can be, and should be seen as, a leading part of the long-term economic success of our communities.

By attending this workshop participants will be able to: See more clearly the future of work in our communities and understand WHY these changes are taking place. Understand the value, scalability, and use of technology and science in their discovery process. Understand stand human-centered design, rather than designing for human. How to measure design's effectiveness on the people performance of an organization.

Presented by: Kevin Schlueter, Reworc and Wade Britt, Baton Global (1 HSW LU)

2

Investing in the Future: Mentoring for Developing AEC Professionals

CAREER DEVELOPMENT: UP & COMING IN THE PROFESSION

This workshop will cover questions to promote best practices for mentoring and professional development in the AEC industry. Participants will explore opportunities for collaboration and knowledge-sharing, identify potential barriers and strategies to overcome them, leverage technology to enhance collaboration and promote diversity and inclusion in programs. This will provide valuable insights and expertise for effective mentoring and development in AEC, navigating challenges, and fostering continuous learning. By sharing strategies and practices, this content will help solve challenges for mentors and mentees in AEC.

By attending this workshop participants will be able to: Analyze AEC mentoring's current state, identifying key challenges for mentors and mentees. Evaluate AEC mentoring models' advantages, disadvantages, and potential applicability to different firms. Identify the benefits of mentoring programs for mentors, mentees, AEC firm success, and ultimately, the built environment as a whole. Develop strategies for diverse and inclusive mentoring, ensuring access for all employees and creating space for discussion of more inclusive design.

Presented by: Brian Weeks, ATG USA (1 LU, 1 LA PDH)

workshops

Session 1: Thursday, September 21, 10:45–11:45 A

3

Design What Matters, Together: Universal and Inclusive Design Implementation

BUSINESS BEST PRACTICES

Diversity is a fact. One billion people, or 16% of the world's population, live with some form of disability. Disability can be visible or invisible, permanent or temporary, and something a person is born with or acquires at any point in life. It is rarely one-dimensional, with many recognizing it as a facet of their identity that cannot be fixed or doesn't want to be fixed. This way of thinking has underpinnings in the "social model" of disability, where the built and social environment is what needs to be fixed.

By attending this workshop participants will be able to: Identify the differences between accessible, universal, and inclusive design, as well as the engaged stakeholders and benefits. Describe the process for applying universal design to achieve universal design goals for a park using a research-driven, cross-disciplinary, community-centered, and systematic approach. Obtain the fundamental knowledge to start a business case for implementing universal and inclusive design into their everyday workflow. Gain strategies to advocate for better practices in the A & E industry.

Presented by: Molly Wuebker, Great Plains ADA Center/ Uncurbed, and Courtney Brown, Shive-Hattery (1 HSW LU)

4

Climate Resilience

BUILT ENVIRONMENT: PROGRAMMING & ANALYSIS

The building you design today will be operating under unprecedented changes to our climate. In addition to mitigating the extent of climate change through emissions reductions, the need to plan for its inevitability is becoming more apparent. These projects will be impacted by increasing temperatures and humidity and extreme water events. This presentation will highlight examples of successful solutions and the inevitable compromises from competing project goals, including examples from Linn County Public Health, Des Moines Animal Control, Prairie Hill Cohousing and a strawbale home in NE Iowa. Team members from example projects will engage in an extended question and answer portion of the session.

By attending this workshop participants will be able to: Communicate the value of resilient design to clients and team members. Review how to identify hazards and resources for design solutions and strategies to mitigate risk. Recognize opportunities to engage engineering design professionals. Discover how building location, design and landscape can be leveraged to strengthen social and biological resilience.

Presented by: Martha Norbeck, C-Wise Design and Consulting LLC (1 HSW LU, 1 GBCI, 1 LA PDH)

workshops

Session 1: Thursday, September 21, 10:45–11:45 A

5

Entanglement of Vapor Retarders and Air Barriers in Roof Design

BUILDING CODE AND COMPLIANCE

Vapor retarders and air barriers – what is the difference? Are we controlling vapor diffusion or air movement? Or both? Air barriers are required for new buildings per the IECC 2015 and IECC 2018, and the importance of air barriers cannot be overstated for energy efficiency and moisture control. We will discuss common vapor retarders and air barriers, how they're installed, and the critical installation details as it relates to the roof and roof/wall interface. A case study with over one million square feet of roofing will be presented to show real-world design and installation considerations and challenges. You'll also learn that current installation of vapor retarders and air barriers over concrete, steel, and wood decks require different materials and application methods. What's new, what's the same, and what to think about when you design roof assemblies in different climate zones and over different types of occupancies with varying construction types.

By attending this workshop participants will be able to: Define the differences between air barriers and vapor retarders. Understand how these materials impact roof design and performance to best protect property and health. Review code requirements and how to achieve compliance and safety for workers and building occupants. Outline design and specification requirements to set achievable and maintainable performance and maximum safety and health.

Presented by: Jason Conley, GAF Commercial Roofing (1 HSW LU)

6

Security Considerations in Building Design

DESIGN DISCOVERY: INNOVATION & PROMISE

This course is designed to teach attendees the importance of security design and the considerations of safety and security during the design phase. This will help design teams and owners understand the steps and processes security consultants utilize to help design firms not only build beautiful and safe buildings, but most importantly increase the overall safety of the individuals that occupy them.

By attending this workshop participants will be able to: Learn the benefits of efficient paperless maintenance and methods to digitally maintain, diagnose or repair equipment. Understand how asset life cycle tracking for equipment can be linked to CMMS/EAMS for the benefit of building engineering staff. Learn advantages of replacing drawing sets and O & M manuals with digital as-built models tied directly within CMMS/EAMS. Learn how real time information of onsite maintenance management can revolutionize the understanding of operating and life cycle of key building components.

Presented by: Ryan Searles, IMEG Corp (1 HSW LU)

workshops

Session 2: Thursday, September 21, 1:15–2:15 P

7

Stanley Center for Peace & Security: Living Their Mission in a Living Building

CONGRUENCE

The Stanley Center's global mission focuses on three areas: mitigating climate change, limiting the spread and use of nuclear weapons, and preventing mass violence and atrocities. The design of their headquarters presented an extraordinary opportunity to advocate their mission through their built environment by pursuing Living Certification. In this case study, hear from architect and client on how they built a team, process, and a facility that educates, influences, and advocates a more equitable, sustainable, and just world both during design and after project completion.

By attending this workshop participants will be able to: Develop client and community project touchpoints to ensure inclusive design and prioritize the wellbeing of all building users. Evaluate the reuse of existing building stock against building new to achieve Living Certification, local connection, and biophilic values. Compare ways to achieve onsite water and energy strategies while accommodating building codes, local ordinances, and benefiting neighboring properties. Outline early measurable outcomes related to community impact, equitable spaces, and occupant wellbeing.

Presented by: Sally Obernolte, AIA, Neumann Monson, Lyndley Kent, AIA, Neumann Monson, Keith Porter, Stanley Center for Peace and Security (1 HSW LU, 1 GBCI, 1 LA PDH)

8

NCARB & You: AXP, ARE, & the Path to Licensure

LEADERSHIP & MOTIVATION: DEVELOPING YOURSELF

This session will provide information useful for all stages of NCARB / AXP candidates including students and young professionals that are new to, or contemplating starting the process and emerging professionals that are refining and completing their process.

By attending this workshop participants will be able to: Understand the requirements for completing AXP and becoming licensed. Gain the knowledge, experience, and skill development required for the registration examination (ARE) and the independent practice of architecture. Identify tools and resources available for AXP candidates, as well as what to expect in today's Architectural Registration Exams. Realize the value that licensure brings to the individual and the profession, ensuring that you get the most out of your career in architecture.

Presented by: Noah Torstenson, AIA, BBS & Leila Ammar, AIA, Iowa State University (1 LU)

workshops

Session 2: Thursday, September 21, 1:15–2:15 P

9

Diversified Hiring: Panel discussion—Hiring & Engaging International Employees

BUSINESS BEST PRACTICES

Join our panel to hear their experiences and insights related to the opportunities, challenges, processes, and key considerations for hiring and on-boarding international architects and employees.

By attending this workshop participants will be able to: Explore means and methods used by international employees to pursue professional work in Iowa. Identify the requirements and processes international employees must meet and follow to be able to work in Iowa architectural offices. Learn how you and your architectural firm can recruit, support, and educate international hires as they begin work in your firm and pursue professional licensing. Learn how to communicate, coordinate, and enhance important items of design, building codes, and occupant health, safety, & welfare to create buildings that meet the business and safety needs of users and occupants.

Presented by: Johnny Boyd, AIA, RDG Planning and Design (1 LU)

10

Edge of Advancement and Beyond – A Case Study of the New DMU West Campus

BUILT ENVIRONMENT: PROGRAMMING & ANALYSIS

The built environment is an asset to maximizing human potential and cultivating well-being. This case study will be in a panel discussion format highlighting the design approach of the new Des Moines University's new, ground-up campus set across 88-acres featuring a high-performance central geothermal campus plant, flexible learning environment with a focus on health and wellbeing. The design for the campus is congruent with the site's natural beauty and diverse physical characteristics, building on the concept, "the edge of advancement," to imagine an innovative, iconic, energy efficient campus that reflects DMU's values, respects the land, connects to the community, and offers an inclusive, intuitive environment. The project is targeting both LEED and WELL Gold level certification and opening fall 2023.

By attending this workshop participants will be able to: Evolution: Recognize the importance of Integrated Project Delivery to maximize energy efficiency goals for a project. Explore project site constraints, energy efficiency co-benefits such as resiliency, wellness, decarbonization to drive development of high-performance buildings. Illustrate the advantages of a campus wide geothermal system and demonstrate how early energy analysis and utility incentives were able to influence design decisions. Analyze the synergies between LEED and WELL features in the building and the operational impacts of health and well-being of occupants.

Presented by: Vinoth Kumar Sekar, Wildan, Matt Brown, AIA, Formation Group, Steve King, AIA, RDG Planning and Design, David Inghram, IMEG Corp (1 HSW LU, 1 GBCI, 1 LA PDH)

workshops

Session 2: Thursday, September 21, 1:15–2:15 P

11

Designing Safety Solutions

BUILDING CODE & COMPLIANCE

This presentation is a review of rooftop safety, hazards, laws and codes. The aim is to develop and reinforce general awareness of the risks that can be alleviated with properly designed rooftop safety solutions.

By attending this workshop participants will be able to: Identify the rooftop safety hazards. Have an understanding of various laws and codes around rooftop safety. Discuss hierarchy of fall protection. Develop design solutions to protect against safety hazards.

Presented by: Phillip Harris and Caroline Showers, Tremco, Inc (1 LU, 1 LA PDH)

12

ADA Alterations and Additions: A Case Study

DESIGN DISCOVERY: INNOVATION & PROMISE

This workshop includes a case-study of a commercial building project as a means of applying select, fundamental accessibility design concepts based on accessible regulations. This workshop applies the 2010 ADA Standards for Accessible Design to alterations and new additions of two multi-story, large, existing buildings that were originally separated by open space, but eventually connected. Prominent harmonization and differences between the 2010 ADA Standards for Accessible Design and the International Building Code are discussed. One of the existing buildings is a three story structure that was altered from wall to wall and from floor to roof. This building also had two new multi-story entrances added. The second existing structure is a two story building that had entrances and stairs added, but no other interior alterations. A pedestrian pathway connector addition was placed between the structures, replacing an older, previous connector. This study looks at successes, errors and omissions of several fundamental accessibility principles as a result of joining the structures, and the new additions and alterations.

By attending this workshop participants will be able to: Review how the ADA is applied to existing buildings and understand situations where federal accessibility rules may not be relevant or may be changed, reduced, or removed for new construction or alterations. Examine a sample of applicable technical provisions from the 2010 ADA Standards for Accessible Design by actively participating in a case study involving new construction and alterations. Gain an understanding of the differences and harmonization between the 2010 ADA Standards for Accessible Design and the International Building Codes through application of the case study. Gain an appreciation of why accessible environments are critical to people with blindness, mobility, and other impairments.

Presented by: Troy Balthazor and Molly Wuebker, Great Plains ADA Center (1 HSW LU, 1 LA PDH)

workshops

Session 3: Friday, September 22, 11:15 A–12:15 P

13

Next to Lead

CONGRUENCE

A combination of firm leaders and leadership development program professionals will outline strategies for accomplishing community visibility while experiencing professional development. Learning objectives include:

- Importance of building networks and relationships in professional development
- Understanding how building leadership skills and experiences supports a career, a firm, and the profession
- What makes a great leader o Advice for emerging leaders

By attending this workshop participants will be able to: Explain what makes a great leader. Understand how building leadership skills and experiences supports a career, a firm, and the profession. Articulate the importance of building networks and relationships in professional development. Learn vital advice for emerging leaders.

Presented by: Susan Judkins, RDG Planning and Design, Ann Sobiech Munson, AIA, City of Des Moines, and Amy Jennings, Lead DSM (1 HSW LU, 1 LA PDH)

14

Leading with Vulnerability: Bringing Your Whole Self to Work

UP & COMING IN THE PROFESSION

Retention, development, and bringing your whole self to work are issues we have tried to address in our practice for years. Learn from this team of leaders at DLR Group on how they created and implemented programs and processes that center vulnerability, create belonging and ensure employees are seen, heard, and valued from their first day as an emerging professional to a senior leader of a team. As the next generation of designers enters our profession, there is a desire to feel connected to the meaning of our work and colleagues that elevates working experiences.

By attending this workshop participants will be able to: Identify and apply strategies that contribute to highly collaborative, trusting teams. Describe characteristics of successful teams that contribute to creating psychologically safe work environments. Use tools and strategies shared to foster more vulnerable team environments for their own workplaces. Manage change, growth, and development for new employees in an existing firm culture. Empower individuals within your organization to believe in the power of their own experience and ability to contribute to a healthy working environment.

Presenting by: Kate Thuesen, AIA, DLR Group, Korey White, AIA, DLR Group (1 LU, 1 LA PDH)

workshops

Session 3: Friday, September 22, 11:15 A–12:15 P

15

Dynamic Delegation and Feedback

BUSINESS BEST PRACTICES

Handing off work can be a challenge for very junior- to very senior-level staff. If this same staff do not recognize the importance of delegating work (other than when they are too busy) to the growth and development of the firm, to staff and to the project, they will remain reluctant delegators. This program addresses three significant areas of successful delegation. First, it presents an opportunity for attendees to understand the importance of value-added work and identify their highest-value activities. It subsequently, provides a clear, proactive process for successfully delegating work and finally, this program steps the attendee through a simple framework to follow when providing feedback that is based on good intent versus a series of compliments and criticisms.

By attending this workshop participants will be able to: Discover the definition, use and relevance of the five components of feedback: balanced, timely, specific, focused and follow-up; for use in creating a feedback process of encouragement based on a sincere desire to support staff success. Learn how to distinguish and determine the difference between high-value and low-value activities in their work environment; and explore the high-value activities that should be the focus of their daily actions. Acquire the tools to plan their work assignments and prepare for the handoff of the assignment to their staff in a well-defined framework; providing more successful outcomes for the delegator and delegate. Explain and communicate the importance of planning for the delegation of work, defining and communicating the assignment expectations, specifying the schedule and the available hours to complete the task, and assessing progress through multi-step follow-up actions with staff.

Presented by: Nick Maletta, Holmes Murphy & Associates (1 LU, 1 LA PDH)

16

Indoor Air Quality Matters

PROGRAMMING & ANALYSIS

Through proper diagnostics, a baseline understanding of the condition and performance of a mechanical and air distribution system can be established. From this baseline, an informed plan can be developed to clean, restore and maintain the HVAC system to supply healthy, pathogen free indoor air quality.

By attending this workshop participants will be able to: Understand how to identify a candidate for restoration and the elements of hygiene assessment when conducting a facility diagnostic. Identify the multiple components of HVAC management, and develop a plan to clean, restore, and maintain an existing system. Discuss an indoor air quality baseline evaluation. Review the use and benefits of in-room air purifiers with an optimization on health for inhabitants.

Presented by: Steve Tratt, Weatherproofing Technologies Inc. (1 HSW LU, 1 GBCI)

workshops

Session 3: Friday, September 22, 11:15 A–12:15 P

17

Air, Water, Fire: A Building Science Medley

BUILDING CODE & COMPLIANCE

We've got energy efficiency and durability goals in mind as we welcome you to join us for this workshop featuring air, water, fire and thermal performance of your building enclosure. Regardless of whether you are focused on new construction or restoration, commercial or residential construction, we want to engage you in this learning. We need to make sure we are focusing holistically on our approach towards performance. Knowing that most understand why thermal is important, and with enforcing fire as a life safety issue, we want to make sure that air and water resistance isn't overlooked. Everyday our structures will be put to the test for air and water resistance, so let's make sure we have the right approach to performance and understand how system evaluation can contribute to a durable and resilient structure.

By attending this workshop participants will be able to: Describe current International Building Code (IBC) requirements and impact on energy efficiency and durability. Differentiate between the use of different wall assembly construction methods and detailing opportunities. Compare high performance wall assemblies with code requirements and explain the performance impact of building to code and beyond code. Identify construction methods and materials that can be incorporated into specifications to help ensure the resulting structure achieves the desired performance levels for energy efficiency, indoor air quality, wind and water resistance, and overall resilience and durability.

Presented by: Marcy Tyler, Tremco Inc. (1 HSW LU, 1 GBCI)

18

Crafting a Functional & Energy Efficient Commercial Kitchen

DESIGN DISCOVERY: INNOVATION & PROMISE

Explore the realm of commercial food service equipment and the design considerations that affect you and your clients: Regulatory Updates: Assessing their impact on facility design Kitchen Equipment: Unleashing Energy Efficient opportunities Design Forward: Embracing Emerging trends in commercial foodservice By embracing these professional insights into the realm of commercial food service equipment and design considerations, you can position yourself and your clients for success in an ever-evolving industry.

By attending this workshop participants will be able to: Develop and implement standards for the design and operation of commercial kitchen facilities that ensure food safety and sanitation, while promoting efficient workflow, ergonomic design, and energy efficiency. Analyze information on the latest industry trends in commercial kitchen design, including innovations in equipment, technology, and layout, and to incorporate these trends into the design of new and renovated commercial kitchens. Understand how to design and specify energy-efficient commercial foodservice equipment that reduces energy consumption, lowers operating costs, and minimizes environmental impact without compromising performance and functionality. Evaluate equipment based on energy efficiency ratings and industry standards and discuss emerging technologies with emphasis towards safety and resilience for inhabitants and spaces.

Presented by: Eric Schmitt and Luke Green, Rapids Foodservice Contract & Design (1 HSW LU)

workshops

Workshop Session 4: Friday, September 22, 2:15–3:15 P

19

Iowa Architect Magazine: Toward Representation

CONGRUENCE

We will outline the history, priorities, and processes along which Iowa Architect Magazine operates, with the intent of bringing context to the magazine's output and rendering participation more accessible and relevant to potential contributors. An editorial board-affiliated panel will engage in reflective conversation and welcome attendee questions and input.

By attending this workshop participants will be able to: The adult learner will be better able to identify and craft compelling narratives, coupling cogent written descriptions with informative, atmospheric photography. The adult learner will better understand Iowa's architectural complex identity, diverse community, and changing dynamics. The adult learner will better understand how to find opportunities to engage the magazine's team and support fellow professionals. The adult learner will be better equipped to submit a project for potential inclusion in the magazine.

Presented by: Andrew Ballard, AIA, Studio Combine (1 LU)

20

Insights from Iowa's National Young Architect Winners [Career Development]

UP & COMING IN THE PROFESSION

Young Architect Winners! This workshop offers a unique opportunity to hear from the brightest rising stars in architecture as they share their experiences, insights, and innovative approaches to design. Gain valuable knowledge about the challenges and opportunities faced by young architects today, and be inspired by their creative solutions to contemporary architectural issues. Whether you're a student, a young professional, or simply interested in the future of architecture, this session promises to be an enlightening and thought-provoking exploration of the next generation of architectural talent. Don't miss out on this inspiring conversation with the National Young Architect Winners!

By attending this workshop participants will be able to: Understand essential principles of construction specifications, including organization, formats, and methods. Incorporate essential principles of construction specifications into project tasks and responsibilities associated with a range of project team roles (not just the spec writer!). Use specification formats and standards to research, select, and specify materials. Implement specification tools and techniques to improve coordination of written and graphic information throughout design and construction.

Presented by: Kate Thuesen, AIA, DLR Group, Nick Lindsley, AIA, Neumann Monson, and Danielle Hermann, AIA, OPN Architects (1 LU)

workshops

Workshop Session 4: Friday, September 22, 2:15–3:15 P

21

Construction Manager at-Risk for Design Professionals

BUSINESS BEST PRACTICES

Design professionals in Iowa are encouraged to attend this Master Builders of Iowa education session on the new delivery system, known as Construction Manager at Risk (CMaR) which is an option being used in the public sector. Join us to learn about the unique and important role that design professionals have in providing options to their clients, the public owners.

By attending this workshop participants will be able to: To give design professionals an understanding of how the new CM at-Risk law works and understanding their unique and important role in the delivery process. Understanding the value of working in collaboration from the beginning with design professionals, public owners and contractor teams. After taking this course attendees will understand the advantages of Qualifications Based Selection (QBS) for procuring professional design services for public projects and the difference in the timeline of using the Construction Manager at Risk method versus the timeline of the traditional Design Bid Build method.

Presented by: Ben Hammes, Master Builders of Iowa and Larry Cormicle, Cormicle Consulting Services (1 LU)

22

Green Roof Failures... What's to Blame

BUILT ENVIRONMENT: PROGRAMMING & ANALYSIS

This course is a discussion about the complexities of vegetated roofing systems. This presentation walks through the potential pitfalls in green roof design, construction and maintenance. It will focus on best management practices used for long term success.

By attending this workshop participants will be able to: Evaluate what constitutes a green roof failure. Identify common mistakes and the short or long term consequences. Achieve long term success through properly designing, specifying and detailing the vegetative roof assembly. Understand the importance of job site inspection during the installation.

Presented by: Richard Buist, Tremco (1 HSW LU, 1 LA PDH)

workshops

Workshop Session 4: Friday, September 22, 2:15–3:15 P

23

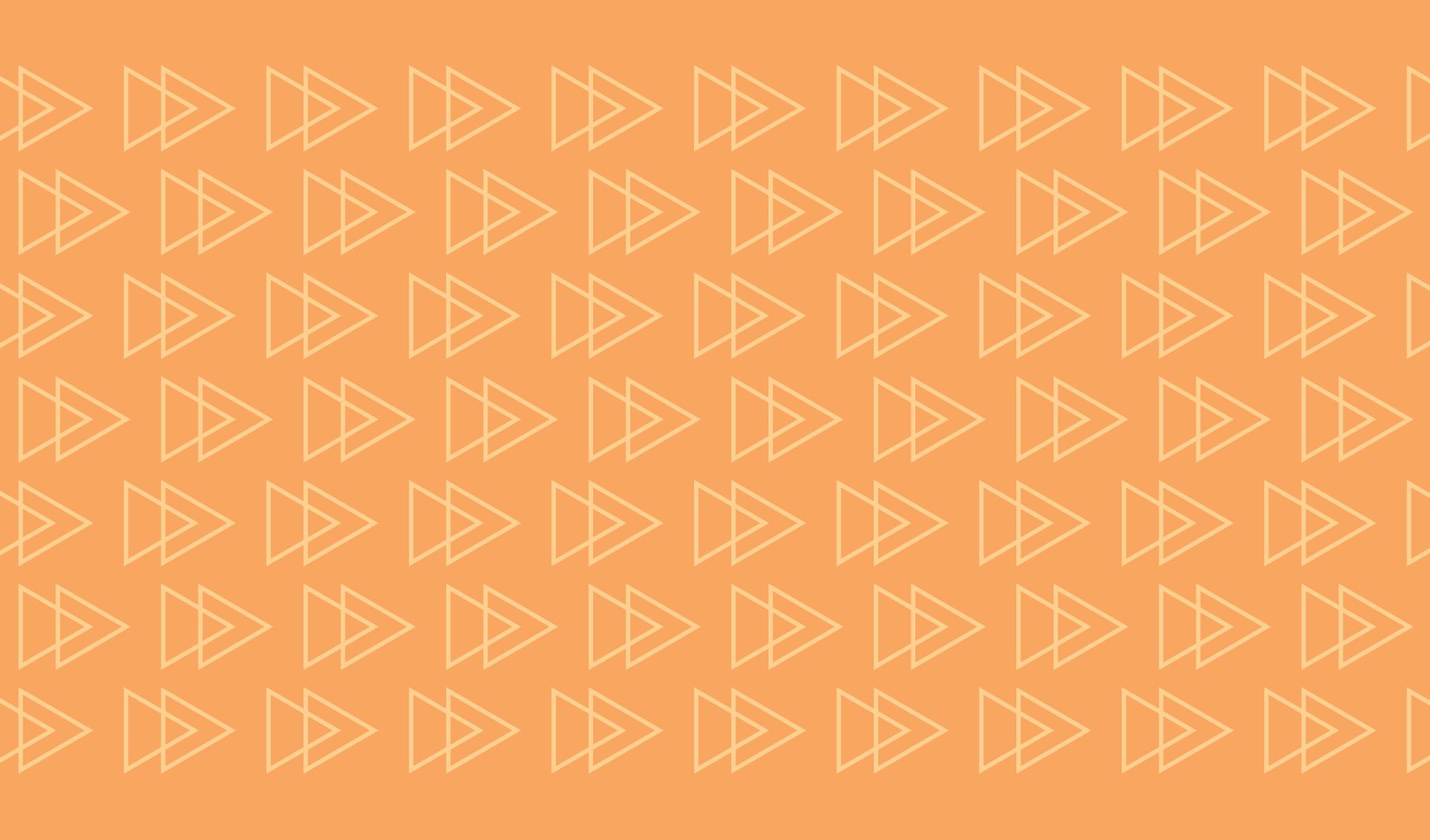
High Performance Building Envelope

BUILDING CODE AND COMPLIANCE

This session is designed for architects and other design and construction professionals interested in increasing their knowledge of the application and use of air barriers in the building envelopes of commercial and multi-family residential buildings. Researchers, architects and code writers have shown that attention to specific details in both new and retrofitted envelopes result in better performing buildings with better comfort and long durability as well as lower energy consumption. Air leakage through the building envelope is silent, invisible and cunning. It causes numerous building envelope problems including wetting of cavity materials, spalling of masonry, premature corrosion of metals, blistering of paint, icicles, staining of contraction. Continuity is important but strength is even more important. In buildings, the air barrier system must be designed, and specified on plans. It has specific performance criteria and specific material requirements. A video will be shown of a building that was smoke tested, using blower doors and theatrical smoke.

By attending this workshop participants will be able to: Learn how better building envelope can reduce energy demands on heating and cooling, reduce energy usage, and increase the sustainability and resilience of the building for current and future use. Identify the significance of each part of the building envelope (the top, bottom, vertical shafts and the walls) relative to the efficient operation. Understand the problems that can occur with the lack of compartmentalization and/or decoupling between doors in buildings over 3 stories and how to protect those areas to prevent mold, mildew, and other hazards to occupant health. Learn about the specific performance criteria and specific material requirements for the air barrier system that must be designed, and specified on plans and why these are essential to creating a healthy and secure environment.

Presented by: Steven Tratt, Weatherproofing Technologies Inc. (1 HSW LU)



schedule



Wednesday Sept 20

- 12–8 p Exhibitor Set Up
- 6:30 p IAF Architecture Trivia Night

Thursday Sept 21

- 7:00 a Registration Opens
- Exhibits Open / Continental Breakfast
- 8:00 Welcome
- 8:15 Keynote Speaker: David Powell, FAIA
- 9:30 Exhibit Hall Open / Refreshments
- 10:45 **Workshop Session 1**
 1. Forecasting our Future to Complete & Win
 2. Investing in the Future: Mentoring for Developing AEC Professionals
 3. Designing What Matters, Together
 4. Climate Resilience: Planning for Adaptation to an Uncertain Future
 5. Entanglement of Vapor Retarders & Air Barriers in Roof Design
 6. Security Considerations in Building Design
- 11:45 Lunch for Attendees, Exhibitors, Speakers & Sponsors
- Excellence in Energy Efficiency Awards
- Speaker: Korey D. White, AIA
- 1:15 p **Workshop Session 2**
 7. Stanley Center for Peace & Security: Living Their Mission in a Living Building
 8. NCARB & You: AXP, ARE, & the Path to Licensure
 9. Hiring & Engaging International Hires
 10. Edge of Advancement and Beyond - A Case Study of the new DMU West Campus
 11. Designing Safety Solutions
 12. ADA Alteration and Additions: A Case Study
- 2:15 Exhibits Open / Refreshments
- 3:45 Keynote Speaker: Chris Baribeau, AIA
- 5:00 Cocktail Party
- Exhibits Open
- 6:00 Door Prize Drawing
- 7:00 Awards Celebration at Mainframe Studios
- 10:45 Door Prize Drawing
- 11:15 **Workshop Session 3**
 13. Next to lead
 14. Leading with Vulnerability: Bringing Your Whole Self to Work
 15. Dynamic Delegation and Feedback
 16. Indoor Air Quality Matters
 17. Air, Water, Fire—A Building Science Medley
 18. Crafting Functional & Energy Efficient Commercial Kitchen
- 12:15 p Lunch for Attendees, Speakers & Sponsors
- 1:00 AIA Iowa Annual Meeting and Legislative Forum
- 2:00 Break
- 2:15 **Workshop Session 4**
 19. IA Architect Magazine: Towards Representation
 20. Insights from Iowa's National Young Architect Winners
 21. Construction Manager at-Risk for Design Professionals
 22. Green Roof Failures... What's to Blame
 23. High Performance Building Envelope
- 3:15 Break / Refreshments
- 3:30 Keynote Speaker: Alessandra Segantini

Friday Sept 22

- 7:45 a Registration Opens
- Feed Your Future:
Emerging Professionals Breakfast
- Exhibits Open / Continental Breakfast
- 8:15 Masonry Institute Architectural Design Awards
- 8:30 Keynote Speaker: Wendy Joseph, FAIA
- 9:45 Exhibits Open / Refreshments

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\$152

\$187

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Nonmember

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\$252

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*A late registration fee may apply once online registration closes. Due to the nature of this event, **no refunds will be granted after the early registration deadline August 10.** Thank you for understanding.

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Questions?

info@aiaiowa.org or 515-244-7502



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Continuing Education

AIA Iowa is registered with the American Institute of Architects Continuing Education System and is committed to developing quality-learning activities in accordance with AIA/CES criteria. Participants in the 2022 AIA Iowa Convention will receive one learning unit (1 LU or LU/HSW) for each hour of programming. The number of LU's available for each workshop and keynote session is listed with each description.

Additionally, certain convention workshops are also approved for USGBC's GBCI credit, and NEW this year ASLA's LA PDH credit. To receive GBCI or LA Credit, include your USGBC or LA number during registration to earn credit for those courses.



Pella AXP Sponsorship

Pella recognizes the importance of the future of the architectural profession and our emerging professionals by graciously funding the Pella AXP Sponsorship at the 2023 AIA Iowa Convention. This program celebrates AIA Iowa Associate members (those enrolled in the Architectural Experience Program (AXP)) by providing funding for them to attend the convention at a reduced rate. AIA Iowa Associate members may sign up for this program by entering a discount code during convention registration that will be emailed to those eligible for the discount.