

# 2016 Convention & Products Exposition

NOVEMBER 8-11, 2016 | Minneapolis Convention Center

WHAT COULD WE BE?



## What could we be?

This year, in the spirit of AIA Minnesota's year long strategic planning initiative to seek members' insights about a new forward direction for the organization, we're putting aside preconceptions and motifs and wiping the slate clean. At the 2016 Convention, instead of cueing you to "what will be" during the second week of November, we ask you to consider "what could be" as we, as an organization, assess our current place in the world and think about where we could go in the future.

As you deliberate about which seminars and activities in which to participate this November, consider also the seminars and activities that could be part of future events. During Convention week, prepare to be asked for your opinion about how AIA Minnesota's annual Convention could look in the future. As we wipe the slate clean, we look to you for input about how that slate will look in the future.



**Michelle Allen, AIA**  
AIA Minnesota President



**Susan Lee, AIA**  
Convention Committee Chair

## Online Registration

Simple, speedy, and secure! Online registration features include:

- Instant confirmation of all your chosen programs
- Convenient and secure payment with your credit card
- Immediate receipt for reimbursement

**Register online today!**

[www.aia-mn.org/registration/](http://www.aia-mn.org/registration/)

## CONVENTION LOGISTICS

- November 8, 9, 10, 11, 2016 (Tuesday–Friday)
- Continuing Education all four days
- More than 65 events are scheduled during all four days of the Convention. See pages 6-29 for detailed descriptions of all events and speakers.

### Exhibit Hall (open Tuesday–Thursday)

The Exhibit Hall is open and free to everyone. Bring colleagues, family and friends for fun, food and entertainment!

Hall hours: (No exhibit hours on Friday)

Tuesday	4:00pm–6:00pm
Wednesday	11:15am–2:30pm & 3:45pm–6:00pm
Thursday	11:30am–2:00pm

### Member Rates

Member Rates for seminars apply to members of the following organizations: AIA, ACEC, AGC, APA, ASID, ASLA, AWI, BOMA, CHSA, CMAA, CSI, IALD, IFDA, IFMA, IIDA, IMI, MSPE, NOMA, PAM, SAH, SDA, SLUC, SMPS, ULI, USGBC

### Hotel Lodging

A block of rooms with a special discounted rate has been reserved for our Convention attendees at The Hilton Minneapolis. This block of rooms will be released to the general public on October 12. Make your reservations now.

The Hilton Minneapolis  
1001 Marquette Avenue, Minneapolis, MN 55403

\$135 single/double through October 12

1-888-933-5362 or 612-376-1000 Code ARC

Register online: <https://resweb.passkey.com/go/aia16>

## EXHIBITS, ACTIVITIES & FUN

### TO SEE

Make sure to check out this year's special exhibits:

- **Gold Medalist**  
Enjoy the work of this year's Gold Medalist, Robert Mack, FAIA.
- **2015 Honor Awards**  
View last year's winning projects.
- **Louis Lundgren Award Recipients**  
See who has been recognized for outstanding individual volunteerism.
- **2016 Ralph Rapson Traveling Study Fellowship Competition**  
Explore the display of this year's competitors.
- **25-Year Award**  
Look for this display featuring St. Elizabeth Seton Parish, Rafferty Rafferty Tollefson Architects.
- **Affordable Housing Design Award**  
Celebrating 30 years of Search for Shelter charrettes.
- **Emerging Professionals Draughting Club**  
Check out the display of napkin sketches from their meetings.
- **LightHotel**  
Walk through Alchemy Architects' transportable hotel room.
- **Architecture MN magazine**  
View a multitude of covers from past issues of our award-winning magazine.

### TO DO

Other ways to make the most of the Convention:

- **Enjoy the party, music, and beer crawl** featuring bluegrass band, The High 48s, in the Exhibit Hall on Tuesday.
- **Buy a chance at a great chair** with a raffle ticket from the Minnesota Architectural Foundation and bid on silent auction items.
- **Fill up your Passport to Excellence Card**—visit 12 exhibit booths and enter to win prizes!
- **Get a free professional headshot** taken by photographer, Ryan Siemers, Assoc. AIA, in the Exhibit Hall Center Lounge.
- **Attend the Member Reception on Thursday.** Enjoy refreshments and be there for the MAF raffle drawing in Lounge D.
- **Thursday is Student Day!** Greet students as they join us and make them feel welcome.
- **Take a tour!** Sign up and enjoy one or more of this year's five Convention tours.



PHOTO BY GREG JOHNSON

### Emerging Professionals Summit

AIA Minnesota is proud to host the North Central States Regional EP Summit!

This year's Convention presents a unique opportunity for emerging professionals to engage with each other and regional EP leadership through a track of seminars addressing issues related to this community, a leadership strategic planning session, and evening networking reception.

EP leadership from the North Central States Region and all emerging professionals should plan to participate.

- E39.** Peeking Behind the Curtain: A Look Behind the Scenes at the Workings of Architecture Firms
- E40.** Measuring Your Technology Know-How—Big Data Strategies for Digital Practice
- E43.** #ArchitectAnd: Valuing a Broader Creative Practice
- E45.** Design Excellence at the United States Borders
- E48.** Urban Sketchcrawl
- E49.** Emerging Voices in Real Estate: Shaping an Evolving Market
- E51.** Navigating the ARE Transition
- E52.** 21st-Century Regional Development: Opportunity, Barriers, and Value
- E55.** Keynote Address: Award Jurors Show and Tell
- E56.** Member Reception followed by Draughting Club Networking Event

## SPECIAL PROGRAM FEATURES

### Continuing Education



AIA Minnesota is offering Continuing Education credit for programs at the Convention. All credits listed are pending AIA approval. According to our review, Convention programs marked as HSW and the two programs marked for Ethics will be accepted for Minnesota's CE requirement for licensing. Take advantage of the economical and efficient way to get the credits you need for your AIA and State of Minnesota licensing CE requirements as well as those to maintain your LEED accreditation. Verification forms will be available at the Convention Registration Desk.

### Architectural Experience Program (AXP, formerly IDP)



Licensing candidates (formerly interns) going through AXP can receive AXP hours for attending Convention programs marked with HSW credit (Health Safety Welfare). AIA's Learning Units (LUs) are equivalent to AXP's Hours. For example, a program with 1.5 HSW LUs would translate to 1.5 Hours of credit under NCARB's Additional Opportunities for Jurisdictional Experience category (formerly known as Elective Hours).

### USGBC Minnesota



We are once again partnering with USGBC Minnesota to bring six programs that, pending approval, will provide not only AIA LU Hours, but also GBCI Credit Hours.

- E3.** Supporting Energy Design Performance & Code Compliance
- E17.** Continuous Exterior Insulation
- E20.** The Value of Energy Analysis, from Design Day One
- E41.** Building Performance Modeling: Overview and Benefits
- E44.** B3 Guidelines Version 3: Sustainability Simplified
- E60.** Are Minnesota Projects on Target for the 2030 Challenge?

### Ethics Credits

Minnesota licensing now requires at least two of the 24 professional development credit hours be for programs addressing professional ethics.

- E16.** Ethical Expectations of Leadership for Architects
- E33.** Ethics of Influence: How AIA Minnesota Architects Impact Public Policy

### Mastering the Future Business of Architecture (MFBA)



MFBA is a series of six skills-building seminars designed in response to the Architects in Commerce Research Initiative. The MFBA series addresses a variety of soft-skill topics under the umbrella of "the business of architecture". The 2016 Convention will offer two of the MFBA seminars.

- E18.** Client Relations: The Art of Winning and Keeping Satisfied Clients
- E37.** High-Impact Communication Skills

### Housing Advocacy Track



The AIA Minnesota Housing Advocacy Committee is celebrating 30 years of Search for Shelter design charrettes.

Search for Shelter helps local and regional affordable housing organizations envision beautiful, innovative design solutions for projects that previously existed only in written form. A track of programs has been scheduled to call attention to the important need of affordable housing.

- E19.** Low Rise/High Density
- E22.** Public Interest Design
- E29.** Proactive Affordable Housing Policy
- E35.** Elastic
- E38.** Making a Difference Through Social Impact Design
- E50.** Housing for the One and the Many

### XL Programs

Four extra long (XL) programs have been scheduled this year. XL Programs are three hours long, allowing presenters and attendees to dig deeper into content.

- E1.** ARE 4.0 Review: Programming, Planning & Practice
- E17.** Continuous Exterior Insulation
- E18.** Client Relations: The Art of Winning and Keeping Satisfied Clients
- E37.** High-Impact Communication Skills

### Workshops

This year we have designed more programs to have more audience interaction and small group discussion. Below are the programs intended for this kind of activity.

- E4.** Attract, Engage, Retain, Promote: Tools for Equitable Practice
- E16.** Ethical Expectations of Leadership for Architects
- E18.** Client Relations: The Art of Winning and Keeping Satisfied Clients
- E20.** The Value of Energy Analysis, from Design Day One
- E24.** State Designer Selection Board
- E37.** High-Impact Communication Skills
- E52.** 21st Century Regional Development
- E58.** A Roadmap to Creating Diversity, Inclusion, and High Performance
- E61.** High Performance: The Art of Staying Relevant
- E63.** Practical Applications of Virtual Reality in Architecture

### Tours

Our Convention will offer a number of tours this year. Attendance will be limited and an additional fee will be charged. Plan to register early.

- E15.** US Bank Stadium Tour
- E27.** HDR / Perkins+Will Office Tour
- E48.** Urban Sketchcrawl
- E64.** Explore Hennepin Church—From Basement to Belfry
- E65.** Old, New, Renewed: Architecture Along the Lightrail in Downtown Minneapolis

**SCHEDULE OVERVIEW**

Capacity  
LUs  
HSW  
GBCI  
Ethics

Type	Start	End	Event No. Title	Capacity	LUs	HSW	GBCI	Ethics
<b>TUESDAY, NOVEMBER 8</b>								
XL PROGRAM	8:30 a.m.	11:30 a.m.	<b>E1.</b> ARE Review—Programming, Planning & Practice	48				
	8:30 a.m.	10:00 a.m.	<b>E2.</b> Learning from Landscape Architects: Effective Stakeholder Engagement for Public-Realm Design	280	1.5			
	8:30 a.m.	10:00 a.m.	<b>E3.</b> Supporting Energy Design Performance and Code Compliance	280	1.5	•	•	
WORKSHOP	8:30 a.m.	10:00 a.m.	<b>E4.</b> Attract, Engage, Retain, Promote: Tools for Equitable Practice	150	1.5			
	8:30 a.m.	10:00 a.m.	<b>E5.</b> Minneapolis T3 Office Building: A Story of Heavy Timber Construction	219	1.5	•		
	8:30 a.m.	10:00 a.m.	<b>E6.</b> Designing with Large Format Tile	209	1.5	•		
	10:15 a.m.	11:30 a.m.	<b>E7.</b> Practical, Code-Compliant Detailing for Mid-Rise Wood Structures	219	1.25	•		
	10:15 a.m.	11:30 a.m.	<b>E8.</b> U.S. Bank Stadium: Building Code Challenges	280	1.25	•		
	10:15 a.m.	11:30 a.m.	<b>E9.</b> Tools and Strategies for Implementing Equity and Diversity in Practice	150	1.25			
	10:15 a.m.	11:30 a.m.	<b>E10.</b> Traditional and Contemporary Residential Case Studies	209	1.25	•		
	10:15 a.m.	11:30 a.m.	<b>E11.</b> A CHSA Two-in-One Program	280	1.25			
	11:45 a.m.	2:15 p.m.	<b>E12.</b> Member Congress and Lunch	410				
KEYNOTE	2:30 p.m.	4:00 p.m.	<b>E13.</b> The Ecological City: The Transformative Public Spaces of James Corner Field Operations	605	1.5			
EXHIBIT HALL	4:00 p.m.	6:00 p.m.	<b>E14.</b> Exhibit Hall—Opening Night Celebration					
TOUR	6:15 p.m.	8:30 p.m.	<b>E15.</b> U.S. Bank Stadium Tour	30	1.25			

<b>WEDNESDAY, NOVEMBER 9</b>								
	7:30 a.m.	8:30 a.m.	Fellows Breakfast					
WORKSHOP	8:00 a.m.	10:00 a.m.	<b>E16.</b> Ethical Expectations of Leadership for Architects	108	2.0	•		•
XL PROGRAM	8:30 a.m.	11:30 a.m.	<b>E17.</b> Continuous Exterior Insulation: Design Considerations for Improved Durability and Energy Performance	219	2.75	•	•	
XL WORKSHOP / MFBA	8:30 a.m.	11:30 a.m.	<b>E18.</b> Client Relations: The Art of Winning and Keeping Satisfied Clients	48	2.75			
HOUSING ADVOCACY	8:30 a.m.	10:00 a.m.	<b>E19.</b> Low Rise / High Density	209	1.5	•		
WORKSHOP	8:30 a.m.	10:00 a.m.	<b>E20.</b> The Value of Energy Analysis, from Design Day One	100	1.5	•	•	
	8:30 a.m.	10:00 a.m.	<b>E21.</b> Demystifying Free-Address Seating Anxiety—Designing for Ultimate Collaboration	209	1.5			
HOUSING ADVOCACY	10:15 a.m.	11:30 a.m.	<b>E22.</b> Public Interest Design	280	1.25			
	10:15 a.m.	11:30 a.m.	<b>E23.</b> Design Trends in Video Walls & Digital Displays	209	1.25			
WORKSHOP	10:15 a.m.	11:30 a.m.	<b>E24.</b> State Designer Selection Board: Process & Possibilities—Free	108	1.25			
	10:15 a.m.	11:30 a.m.	<b>E25.</b> Mastering the Plan: History and Implementation of the Destination Medical Center Development Plan	209	1.25			
EXHIBIT HALL	11:15 a.m.	2:30 p.m.	<b>E26.</b> Exhibit Hall					
TOUR	12:00 p.m.	2:15 p.m.	<b>E27.</b> HDR / Perkins+Will Office Tour	30	1.0			
	2:30 p.m.	4:00 p.m.	<b>E28.</b> Specifying Commercial Windows and Glazing Systems to Suit Your Project	600	1.5	•		
HOUSING ADVOCACY	2:30 p.m.	4:00 p.m.	<b>E29.</b> Proactive Affordable Housing Policy: Why We Need It and How to Get There	108	1.5	•		
	2:30 p.m.	4:00 p.m.	<b>E30.</b> All New Quality Review Process	280	1.5	•		
	2:30 p.m.	4:00 p.m.	<b>E31.</b> Tips and Tricks: Effective Marketing and Communications	209	1.5			
	2:30 p.m.	4:00 p.m.	<b>E32.</b> Well-Being: The New Frontier	209	1.5	•		
	2:30 p.m.	4:00 p.m.	<b>E33.</b> Ethics of Influence: How AIA Minnesota Architects Impact Public Policy	480	1.5			•
EXHIBIT HALL	3:45 p.m.	6:00 p.m.	<b>E34.</b> Exhibit Hall					
KEYNOTE/ HOUSING ADVOCACY	6:00 p.m.	7:30 p.m.	<b>E35.</b> Keynote Address: Elastic	600	1.5			

## SCHEDULE OVERVIEW

Type	Start	End	Event No. Title	Capacity	LUs	HSW	GBCI	Ethics
<b>THURSDAY, NOVEMBER 10</b> (Student Day)								
	8:00 a.m.	10:00 a.m.	<b>E36.</b> Skin and Bones: Breaking Facade Down to its Essence	600	2.0	•		
XL WORKSHOP / MFBA	8:30 a.m.	11:45 a.m.	<b>E37.</b> High-Impact Communication Skills	108	3.0			
HOUSING ADVOCACY	8:30 a.m.	10:00 a.m.	<b>E38.</b> Making a Difference Through Social Impact Design	280	1.5	•		
EP TRACK	8:30 a.m.	10:00 a.m.	<b>E39.</b> Peeking Behind the Curtain: A Look Behind the Scenes at the Workings of Architecture Firms	209	1.5			
EP TRACK	8:30 a.m.	10:00 a.m.	<b>E40.</b> Measuring Your Technology Know-How—Big Data Strategies for Digital Practice	209	1.5			
	8:30 a.m.	10:00 a.m.	<b>E41.</b> Building Performance Modeling: Overview and Benefits	480	1.5	•	•	
	10:15 a.m.	11:45 a.m.	<b>E42.</b> Mastering Collaboration: Awarded School of Architecture Final Projects	209	1.5			
EP TRACK	10:15 a.m.	11:45 a.m.	<b>E43.</b> #ArchitectAnd: Valuing a Broader Creative Practice	209	1.5			
	10:15 a.m.	11:45 a.m.	<b>E44.</b> B3 Guidelines Version 3: Sustainability Simplified	600	1.5	•	•	
EP TRACK	10:15 a.m.	11:45 a.m.	<b>E45.</b> Design Excellence at the United States Borders	480	1.5			
	10:15 a.m.	11:45 a.m.	<b>E46.</b> Architect/Educator: Enhancing Awareness via Community Leadership	280	1.5			
EXHIBIT HALL	11:30 a.m.	2:00 p.m.	<b>E47.</b> Exhibit Hall					
TOUR, EP TRACK	12:00 p.m.	2:00 p.m.	<b>E48.</b> Urban Sketchcrawl	30	1.5			
EP TRACK	2:00 p.m.	3:30 p.m.	<b>E49.</b> Emerging Voices in Real Estate: Shaping an Evolving Market	480	1.5			
HOUSING ADVOCACY	2:00 p.m.	3:30 p.m.	<b>E50.</b> Housing for the One and the Many	209	1.5			
EP TRACK	2:00 p.m.	3:30 p.m.	<b>E51.</b> Navigating the ARE Transition	72	1.5			
WORKSHOP, EP TRACK	2:00 p.m.	3:30 p.m.	<b>E52.</b> 21st-Century Regional Development: Opportunity, Barriers, and Value	108	1.5	•		
	2:00 p.m.	3:30 p.m.	<b>E53.</b> From Lab to Home—Buzzworthy Designs for Pollinator Health	280	1.5	•		
	2:00 p.m.	3:30 p.m.	<b>E54.</b> Exploring the Future of Specifications	209	1.5			
KEYNOTE, EP TRACK	3:45 p.m.	5:15 p.m.	<b>E55.</b> Keynote Address: Award Jurors Show and Tell	600	1.25			
	5:15 p.m.	6:30 p.m.	<b>E56.</b> Member Reception					
<b>FRIDAY, NOVEMBER 11</b>								
KEYNOTE, EP TRACK	8:00 a.m.	10:00 a.m.	<b>E57.</b> Keynote Address: Redesigning Leadership	410	1.0			
WORKSHOP	10:15 a.m.	11:45 a.m.	<b>E58.</b> A Roadmap to Creating Diversity, Inclusion, and High Performance	410	1.5			
	10:15 a.m.	11:45 a.m.	<b>E59.</b> Minnesota's Modern Masters: Oral Histories in Architecture	209	1.5			
	10:15 a.m.	11:45 a.m.	<b>E60.</b> Are Minnesota Projects on Target for the 2030 Challenge?	480	1.5	•	•	
WORKSHOP	10:15 a.m.	11:45 a.m.	<b>E61.</b> High Performance: The Art of Staying Relevant	80	1.5			
	10:15 a.m.	11:45 a.m.	<b>E62.</b> Evaluating Historic Wall Systems for Adaptive Reuse Projects	280	1.5	•		
WORKSHOP	10:15 a.m.	11:45 a.m.	<b>E63.</b> Practical Applications of Virtual Reality (VR) in Architecture	100	1.5			
TOUR	12:30 p.m.	3:00 p.m.	<b>E64.</b> Explore Hennepin Church—From Basement To Belfry	30	1.5			
TOUR	12:30 p.m.	4:30 p.m.	<b>E65.</b> Old, New, Renewed: Architecture Along the Lightrail in Downtown Minneapolis	30	2.25			

8:30 a.m.–11:30 a.m.

**E1.** Capacity 48, XL Program

## ARE Review—Programming, Planning & Practice

Co-sponsored by the AIA Minnesota Architect Licensing Advisory Committee

This program is a review course for those preparing to take the Architect Registration Examination. The program is designed to introduce and prepare ARE candidates for the ARE 4.0 division titled “Programming, Planning & Practice.” The course will review the four content areas of Programming & Analysis; Environmental, Social & Economic Issues; Codes & Regulations; and Project & Practice Management. The vignette “Site Zoning” will also be thoroughly reviewed.

**Brian Giebink, AIA, LEED AP BC+C**, is an architect with HDR in Minneapolis and has a focus on healthcare and sustainable design. Early in his career, Giebink had the opportunity to live in Montreal and work on-site during construction of Centre Universitaire de Santé McGill, the largest health center in North America. He is involved with AIA Minnesota’s Committee on the Environment (COTE) and the Architecture in the Schools committee.

**Kristina Vasinda, AIA**, is an architect with HDR in Minneapolis and has a focus on healthcare design and planning. She has been involved with the AIA Minnesota Emerging Professionals and the Architecture in the Schools committees. She has represented the Associate members of AIA St. Paul for which she promoted registration and professional development.

8:30 a.m.–10:00 a.m.

**E2.** Capacity 280

## Learning from Landscape Architects: Effective Stakeholder Engagement for Public-Realm Design

1.5 LUs

Architects are increasingly required to participate in, if not design and lead, stakeholder engagement processes for public, private, and public-private projects. A well-conceived, robust, and genuine stakeholder engagement process will not only improve the quality of the design, but can also be the difference between a completed project and one that never gets off the boards. Soliciting and thoughtfully integrating feedback from the many and varied competing and conflicting interests surrounding a project is critical to attracting community and political support as well as public and private funds. This program will be a panel discussion with landscape architects who have successfully designed prominent public-realm projects in Minneapolis.

**Megan Born, ASLA**, is a lecturer in the Department of Landscape Architecture at the University of Pennsylvania, where she teaches graduate design studios and representation courses. Prior to teaching, Megan was an Associate at James Corner Field Operations, where she spent eight years leading various projects including Nicollet Mall in Minneapolis, Seattle’s Central Waterfront, the winning entry for the Presidio Parklands Competition, and the second phase of Section 3 of New York’s High Line park.

**Peter Hendee Brown, AIA, AICP, PhD**, has experience in architectural practice and real estate development, and as an independent development consultant and owner’s rep. Since 2010 he has been a consultant for the City of Minneapolis on the redesign and reconstruction of Nicollet Mall, the design and construction of the new Downtown East Commons, and the Peavey Plaza revitalization project. Peter has authored two books on the subject of urban development: *America’s Waterfront Revival: Port Authorities* and *Urban Redevelopment and How Real Estate Developers Think: Design, Profits, and Community*.

**Jean Garbarini, ASLA, PLA**, senior associate, Damon Farber Landscape Architects, has 25 years of experience on projects including community master planning, campus planning and design, park design, public landscapes, and cultural landscapes. Jean is known for her work on multifaceted projects involving both contemporary and historic sites. Her work on cultural landscapes includes analysis, design, and construction for public and private clients. Jean recently completed a Historic Structures Report for Peavey Plaza with Miller Dunwiddie Architecture.

**Mary Margaret Jones, FASLA, FAAR**, senior principal, president, Hargreaves Associates, has led a number of award-winning projects around the globe. Mary Margaret is the Prince Charitable Trust Fellow in Landscape Architecture of the American Academy in Rome, and current chair of the Board of Trustees. She is a senior Fellow of the Design Futures Council, a past member of the Industry Advisory Group for the U.S. State Department, Peer Professional for the General Service Administration, and a Fellow of the Urban Design Forum in New York. She has served on numerous juries, lectures widely, and is active in the public forum of design and development issues.

**E3.** Capacity 280

## Supporting Energy Design Performance and Code Compliance

Co-sponsored by the Center for Energy and Environment (CEE)

1.5 LUs

HSW

GBCI

While Minnesota utilities have programs that support large and complex building projects to exceed the state’s new energy code requirements, there are opportunities to increase the energy savings achieved just by meeting the energy code requirements. The Center for Energy and Environment is implementing a support pilot program to quantify the potential energy performance impact and cost for a utility-funded energy code compliance enhancement program in Minnesota. This presentation will

CONTINUED ON NEXT PAGE >

8:30 a.m.–10:00 a.m.

**E3. (continued)**

highlight the biggest changes and most challenging requirements in the new Minnesota Commercial Energy Code and show how the pilot program is supporting projects throughout the design and construction process. The program will also share some preliminary best practices that are developing for clear and complete design documentation for key energy code items.

**Megan Hoye, LEED AP**, engagement coordinator, Center for Energy and Environment, works with energy experts, utilities, the design and development industry, and policy makers to create and disseminate professional resources. Megan manages the Commercial Energy Code Support Program pilot, overseeing city coordination and recruitment and working on the team of plan reviewers.

**Russ Landry, PE**, is senior mechanical engineer, Center for Energy and Environment (CEE) and the principal investigator for CEE's Pilot Commercial Energy Codes Support Program. Russ has authored portions of Minnesota's Sustainable Buildings 2030 Energy Standard and has been responsible for the review of more than 100 projects designed to this standard. Russ is the only individual in Minnesota certified by the International Code Council as a commercial energy plans examiner with ASHRAE 90.1.

**Tim Manz**, senior building inspector for the City of Blaine, has been employed in the building inspection industry for over 20 years, including previously at the State Department of Labor and Industry. He holds over 13 certifications in categories including building, energy, mechanical, fire, code administration, and construction-related areas. Tim has been active in code and standards development at the state and national level for both ICC and ASHRAE.

**E4. Capacity 150, Workshop****Attract, Engage, Retain, Promote: Tools for Equitable Practice**

Co-sponsored by the Iowa Women in Architecture (iaWia) and the AIA Minnesota Women in Architecture Committee

1.5 LUs

While women graduate with architecture degrees at a rate equal to men, they still make up only 20 percent of practicing architects. Today's emerging professionals, regardless of gender, demand new approaches to work-life integration and career development. In this session, Iowa Women in Architecture (iaWia) will present their "Best Practice Recommendations for Design Professions" (BPR), a research-based document and set of tools to aid both individuals and firms in their pursuit of equitable practice. Through a small group activity, attendees will use the BPR to address an issue or question of their own.

**Laura Kessel, PLA**, RDG Planning & Design, combines her enthusiasm for design with a desire to enhance the sustainability of how we practice. As co-chair of RDG's Human Capital Committee, she has helped create a career development program for young staff and coordinates training opportunities for employees. Laura is the current chair of iaWia and co-lead the effort to research, edit, and produce the "Best Practice Recommendations for the Design Profession" document.

**Ann Sobiech Munson, AIA, CSI CCS**, is a firm associate with Substance Architecture, Des Moines, IA. Previously she was an architecture faculty member at Iowa State University. She is a co-founder and past chair of Iowa Women in Architecture (iaWia), and a 2015 recipient of the AIA Young Architects Award. She is currently serving as certification chair for the Central Iowa CSI chapter. In 2014, she began a four-year term as an elected city council member in Slater, Iowa.

**Dana Pedersen, AIA**, Shive-Hattery Architecture & Engineering, has experience bringing enhanced design to institutional and healthcare projects. As co-chair of Shive-Hattery's Professional Development and Diversity Initiative, she helped develop a workshop series to initiate open conversations about mentoring, professional development, diversity, and work-life balance. Dana has been a member of iaWia since its founding in 2011. She served on the task force that researched and produced the best practices document, and she is currently helping to develop case studies that demonstrate these best practices.

**E5. Capacity 219****Minneapolis T3 Office Building:  
A Story of Heavy Timber Construction**

1.5 LUs HSW

Heavy Timber (HT) construction has been employed for centuries by builders and architects around the world and recent HT commercial and multifamily housing projects have heightened interest in the use of this traditional material. The team behind the Minneapolis T3 Office Building will discuss aspects of the recently completed commercial HT project. This presentation will take you behind the scenes, starting in the early planning, setting the first columns and beams, and finishing with the final punch list.

**Amado Guevara, AIA**, senior architect, associate, DLR Group, has over 20 years of experience in project design, technical detailing, and development. He has an understanding of many different building types and has been actively engaged in the entire project cycle, from design through project closeout. Amado is managing the current Hines T3 heavy timber project and offers a unique understanding and perspective of what it takes to build a commercial mid-rise building out of timber.

**David H. Spillman**, vice president-construction at Hines, is the manager for the development and construction management of projects primarily in the Midwest Region of the United States. He joined Hines in 1995 and has been responsible for projects in excess of 15 million square feet. He is responsible for the design and construction management of the Minneapolis T3 project.

8:30 a.m.–10:00 a.m.

**E6.** Capacity 209

## Designing with Large Format Tile

Co-sponsored by the International Masonry Institute (IMI)

1.5 LUs HSW

This program will review recent design and installation solutions for large format tile and thin tile applications. The program will also address the new recommended specification language for installer qualifications appearing in the TCNA Handbook and MasterSpec. Attendees will develop an understanding of the various types of tile, setting methods, system components, design and installation considerations, specialty systems, and quality assurance. Attendees will learn how to use applicable codes and standards to meet minimum requirements and best practices. The program will also look at the new standards for coefficient of friction (COF).

**Mark Swanson, AIA, CSI, LEED AP BD+C**, is the Minnesota area director of the International Masonry Institute. In this role, Mark provides technical consultations, plan reviews, job site troubleshooting, and AIA continuing education seminar presentations. Mark is involved with the National BIM for Masonry workgroup working to raise the bar for Building Information Modeling concerning masonry. He has lectured at Georgia Tech's digital design laboratory, is an adjunct professor at the University of Minnesota School of Architecture, and is a mentor with the ACE Mentor program.

10:15 a.m.–11:30 a.m.

**E7.** Capacity 219

## Practical, Code-Compliant Detailing for Mid-Rise Wood Structures

Co-sponsored by Woodworks, Wood Products Council

1.25 LUs HSW

With an increase in mid-rise, wood-frame buildings, more designers are seeking information on code-compliant and constructible detailing. This presentation will focus on common detailing issues and areas of misunderstanding, including fire-resistance rating continuity, allowable uses of wood framing in shaft and fire walls, and fire safety principles associated with the intersection of two rated assemblies. Mid-rise, wood-frame opportunities and code-specified building sizes will also be reviewed, followed by discussion of detailing code requirements, code compliance, and rationale for approval with an emphasis on constructability and practicality.

**Archie Landreman, CSI**, is the North Central regional director for WoodWorks. He has been active in the wood and structural building component industry since 1970 and has extensive experience with lumber, structural wood panels, prefabricated wall

panels, wood trusses, engineered wood beams, cross laminated timber, and I-joists. He has held various sales and sales-management positions in the wood truss and engineered wood products industry.

**E8.** Capacity 280

## US Bank Stadium: Building Code Challenges

Co-sponsored by the AIA Minnesota Building Codes Committee

1.25 LUs HSW

How do you evaluate building code compliance for a building with the capacity to contain the entire population of Brooklyn Park? This program will review how some of the interesting and unusual code issues presented by a building of this configuration and size were addressed. Issues discussed will include fire-resistive ratings, egress, and smoke protection. Not surprisingly, alternative methods played a substantial role in the evaluation of this building. We will look at a number of the alternative methods used and how they were evaluated for this building.

**C. Scott Anderson, AIA**, is a plans examiner II with the City of Minneapolis. First licensed as an architect in California in 1989, he has been involved in a wide variety of projects in several states. Scott's longtime interest in code development and compliance led him to join the City of Minneapolis as a plans examiner in 2012. Scott is an ICC-certified plans examiner, and a Minnesota-certified building official. He serves as the AIA Minnesota representative to the Governor's Council on Fire Prevention and Control.

**E9.** Capacity 150

## Tools and Strategies for Implementing Equity and Diversity in Practice

Co-sponsored by the AIA Minnesota Women in Architecture Committee

1.25 LUs

The publication of the AIA's Diversity in the Profession of Architecture this year has prompted a groundswell of interest in improving firm diversity. This program will explore the value of having an equitable and diverse workforce in the practice of architecture. We will discuss how to put an equitable system in place in order to foster diversity. A panel of leaders representing equity and diversity efforts in their firms will discuss the tools they used in implementing change.

**Tim Carl, AIA**, HGA Architects and Engineers, has commanded a lead design role on innovative and complex projects throughout his 25 years of practice. He is consistently recognized for his talent in integrating a client's functional needs into solutions that artfully reflect the institution's mission and culture. In February of 2015, Tim was named HGA's Chief Executive Officer, where his leadership in design, innovation and strategy will guide the next chapter of the firm's history.

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10:15 a.m.–11:30 a.m.

**E9. (continued)**

**Amy Kalar, AIA, LEED AP BD+C**, is an associate and senior medical planner at RSP Architects. A co-founder of the AIA Minnesota Women in Architecture Committee, and director of Women in Design-Twin Cities, Amy is a leader locally and nationally in the movement to enhance women's roles in the design community. Amy was recognized with a 2016 AIA National Young Architect Award, and the 2016 Building Design and Construction 40 Under 40 Award.

**Peter G. Smith, AIA**, is President/CEO of BWBR, a design solutions firm in St. Paul, MN, with practices in architecture, interior design and planning. In addition to leading the practice, Pete helps clients in the healthcare, education, and religious sectors. Leading BWBR through its 94th year of service, Pete represents the seventh generation of leadership at the firm.

**Stuart Stephens, AIA, LEED AP**, is a principal at Alliiance where he manages aviation design projects for the airport and airline industry. As the firm's human resources and AA/EOE manager, he's dedicated to recruiting new talent and maintaining a healthy, happy, and productive work setting. He considers the shifting workforce paradigm in the industry a wonderful opportunity to broaden inclusiveness.

**Rachel Usher, AIA, LEED AP**, is an associate at RSP Architects, where she collaborates with the experience and exhibit design practice of their DreamBox studio and the more traditional architectural practice of the firm. Rachel's drive for diverse partnerships in design has led to her integral role in the advancement of equity and diversity at RSP.

**E10. Capacity 209**

## Traditional and Contemporary Residential Case Studies

1.25 LUs HSW

Peterssen/Keller Architecture and Swan Architecture will present case studies of their single-family residential projects, one traditional, the other contemporary. The scope of the discussion will include design, budgetary topics, site conditions, code compliance, design aesthetics, product specification and performance, customer involvement, and collaboration between all parties. They will discuss the unique challenges that arose during the process, and problem solving that occurred to overcome them.

**Gabriel Keller, Assoc. AIA**, is a principal and co-founder of Peterssen/Keller Architecture (P/K) in Minneapolis. The P/K portfolio includes award-winning, bespoke residential and commercial projects. Gabriel's work has been featured in regional, national, and international publications. Gabriel is a member of the AIA Minnesota Residential Architecture Committee, and is a member of the AIA Minnesota Strategic Resource Team. He's also on the Program Advisory Committee for the new B.Arch program at Dunwoody College of Technology in Minneapolis.

**Lance Premeau, LEED Green Associate**, is product and market manager for Kolbe Windows & Doors. He has held leadership positions in both the manufacturing and marketing disciplines. He is also involved in the company's AIA/CES course development and administration, all 3D BIM libraries, product innovation and analysis, market activities, and any sustainability or environmental arenas. Lance is a member of the Passive House Alliance US.

**Andrea Peschel Swan, AIA**, founded Swan Architecture in 2009. Andrea earned her B.Arch degree from the University of Notre Dame, including a year at the School of Architecture's Rome Studies Center. Andrea's classical training led her to New York City, where she performed her internship and established licensure while devoting more than five years at the renowned firm of Cooper, Robertson & Partners. Andrea practiced at TEA2 Architects in Minneapolis before launching her own firm.

**E11. Capacity 280**

## A CHSA Two-in-One Program

Co-sponsored by the Construction History Society of America (CHSA)

1.25 LUs

**Presentation 1—Transatlantic Cooperation in Construction Management: The Building of the Westinghouse Plant**

The British Westinghouse Electrical & Manufacturing Company was incorporated in 1897 and two years later purchased a 130-acre site at Trafford Park, Manchester. The plant was to be a modified copy of Westinghouse's factory in East Pittsburgh, Pennsylvania, with predictions that the project would take five years to build. This presentation will explain how American contractor James C. Stewart acted as construction manager and completed the work in 15 months, using American logistical and worker management techniques.

**Brian Bowen** retired as president of Hanscomb Inc. in 2000 after serving 40 years with the company. Hanscomb originated as a quantity surveying/cost consulting firm, later expanding into project and construction management. Currently Bowen teaches courses on the construction industry at Georgia Tech College of Architecture. He has also developed a distance-learning program for the University of Minnesota titled "The Construction Industry through Time and Tomorrow." In 2007, with assistance from Georgia Tech, he formed the Construction History Society of America.

**Presentation 2—Reliance on Design: Roosevelt, Drydocks, and the Spearin Doctrine**

1901 was the era of the Great White Fleet. The use of ferrous metal for large ships drove the need for designing and building more shoreside facilities. Among the many projects contracted for was a dry dock being constructed by George B. Spearin. It was an ill-starred project, beset by anger and frustration, misunderstanding of intent, and inexorable forces of nature. How the fortunes of an Olympic cycling champion, a haughty Secretary of the Navy, and the fair-minded justice Louis Brandeis,

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10:15 a.m.–11:30 a.m.

**E11.** (continued)

intertwined to provide one of the landmark construction decisions of the 20th century is the focus of this presentation.

**Jeffrey L. Beard, PhD**, was named associate professor of construction management at Drexel University in 2012. He served as vice president of the American Council of Engineering Companies (ACEC) from 2003 to 2012 and as president/executive director of the Design-Build Institute of America (DBIA) from its founding in 1993 to 2003. Earlier in his career, he served as a project manager for design and construction firms.

11:45 a.m.–2:15 p.m.

**E12.** Capacity 410

## Member Congress and Lunch: A New Strategic Direction for AIA Minnesota

What are the most acute needs facing AIA Minnesota members and the future of the profession? How can the value of membership be strengthened? What should state and local chapters focus on? And what are we willing to change? The focus of AIA Minnesota's work this past year has been on seeking answers to these questions. This session will share key findings from original research that involved hundreds of members and industry partners throughout the state, and the resulting member-focused strategic direction that will reshape the association's programs and services over the next few years.

AIA Minnesota president **Michelle Mongeon Allen, AIA**, COO/ Partner at JLG Architects, will share additional highlights of 2016 efforts and accomplishments. The business meeting will also include the election of officers for 2017 and Presidential Citations for exceptional work by members. To set our sights on the future, president-elect **Meredith Hayes Gordon, AIA**, architect at HGA Architects and Engineers, will present her thoughts on the year ahead for AIA Minnesota.

2:30 p.m.–4:00 p.m.

**E13.** Capacity 605**Keynote Address:**

## The Ecological City: The Transformative Public Spaces of James Corner Field Operations

Co-sponsored by Kraus-Anderson Construction Company

1.5 LUs

James Corner Field Operations is a leading-edge urban design, landscape architecture, and public space design practice based in New York City. The practice is renowned for a special commitment

to the design of a vibrant and dynamic public realm, informed by the interactive ecology between people and nature. This keynote address will feature projects from around the world, including the renovation of the Nicollet Mall in Minneapolis, that show how investment in public realm contributes to urban revitalization and transformation, sustainability and livability.



**Lisa Tziona Switkin** is senior principal of James Corner Field Operations in New York. With over 15 years of professional experience, and being particularly strong in communication, client liaison, public participation, and design process, Lisa has led the design and delivery of the High Line in New

York since 2004; the award-winning 7-acre Tongva Park in Santa Monica; and Race Street Pier in Philadelphia. She is currently overseeing several projects including South Street Seaport in New York; Nicollet Mall in Minneapolis; and The Underline in Miami. Lisa currently serves on the Board of the Landscape Architecture Foundation. In 2007–2008, Lisa received the Rome Prize and was a Fellow at the American Academy in Rome.

4:00 p.m.–6:00 p.m.

**E14.**

## Exhibit Hall Opening Night Celebration

Join us for the Opening Night Celebration in the Exhibit Hall, featuring over 200 exhibitors showcasing their new products and services. Enjoy bluegrass band, The High 48s, as you stroll through the Craft Beer Crawl. Start filling up your Passport Card as you mingle with exhibitors. Visit the Minnesota Architectural Foundation Lounge to purchase a raffle ticket or bid on a silent auction item.

6:15 p.m.–8:30 p.m.

**E15.** Capacity 30, Tour

## U.S. Bank Stadium Tour

1.25 LUs

Don't miss an opportunity to gain behind-the-scenes access to Minneapolis' newest sports destination with a guided tour by

**Kristin Anderson**, professor of Art History at Augsburg College. Participants will see and learn about the numerous public and private spaces within the stadium including the team locker room, stadium floor and more. Sustainability features of the design will also be discussed. Other key AEC project partners involved with this project are expected to provide commentary during the tour.

o An additional fee is required. Shuttle bus transportation is provided.



COREY GAFFER

7:30 a.m.–8:30 a.m.

Fellows Breakfast

AIA Minnesota Fellows are invited to this annual College of Fellows Convention gathering. In addition to recognizing our new 2016 Fellows, you will have the opportunity to reconnect with all Minnesota Fellows. There will be an overview of national Fellows activities and a discussion of other initiatives for AIA Minnesota Fellows.

8:00 a.m.–10:00 a.m.

E16. Capacity 108, Workshop

Ethical Expectations of Leadership for Architects

2.0 LUs HSW ETHICS

History shows that many urgent situations begin with or include incremental ethical infractions, questions, or dilemmas. Ethics and crises go together. This interactive program will address detecting, deterring, and preventing ethical infractions; ethical failure profiles; and trust-building and trust-busting behaviors. The session will provide practical insights on ethical expectations that can be immediately applied to the professional practice of an architect.

**Jim E. Lukaszewski**, president, The Lukaszewski Group, advises and coaches leaders of corporations and organizations through internal and external crises. He is an author of hundreds of articles and monographs and 12 books. He is an accredited member and a Fellow of the International Association of Business Communicators, and a member of the Public Relations Society of America (PRSA) College of Fellows. In 2015, after 22 years of service, he was named the first Chairman Emeritus of the PRSA Board of Ethics and Professional Standards, for which he continues to serve ex-officio.

8:30 a.m.–11:30 a.m.

E17. Capacity 219, XL Program

Continuous Exterior Insulation: Design Considerations for Improved Durability and Energy Performance

Co-sponsored by the Minnesota Building Enclosure Council

2.75 LUs HSW GBCI

This program will present trends in high-performing wall design. Assumptions regarding moisture and thermal performance will be reexamined on the basis of component and assembly performance. Attendees will be introduced to critical insights for achieving durable, cost-effective assemblies. Pitfalls will be demonstrated through case studies that combine field experience, hygrothermal modeling, and computational fluid dynamics (CFD).

Research will be presented on airflow dynamics, convective heat loss, and R-values resulting from various cladding attachment systems. Multifactorial effects of insulation strategies, moisture, drainage, and air/weather barrier properties will be presented.

**M. Steven Doggett, PhD, LEED AP**, is the principal scientist and founder of Built Environments, Inc., an architectural and building science consulting firm specializing in building enclosure design. His background includes extensive field experience in analyzing complex building enclosure failures, particularly those involving air, heat, and moisture transport. He is actively engaged in enclosure design, assembly and material research, and performance simulations. He currently chairs the Minnesota chapter of the Building Enclosure Council, a multidisciplinary, educational initiative by the National Institute of Building Sciences.

E18. Capacity 48, XL Workshop, MFBA

Client Relations: The Art of Winning and Keeping Satisfied Clients

2.75 LUs

Client relations, the art of winning and keeping satisfied clients, is a mystery to many, and a necessary evil to others. This program will explore a core set of activities that make client relations a robust and deeply satisfying aspect of architectural practice. Would you like to develop a more effective client-relations strategy? One that leads to more rewarding and enduring client relationships—and better projects? If so, attend this workshop. Learn how to overcome a lack of relationship-building skills, create new opportunities by connecting through current contacts, sustain relationships beyond “the project,” and develop a more productive and fun client-relations plan.

**Kelly Fehr**, Cameron MacAllister Group, has 25 years’ experience serving as a trusted advisor to architects, engineers, program and construction managers, and their clients. Kelly works with professionals in A/E/C firms to grow and maintain new business. She provides direction on market positioning, key client and project acquisition strategies, proactive relationship building, and long-term client retention. Kelly joined Cameron MacAllister Group from HOK, where she was vice president of business development for science and technology.

8:30 a.m.–10:00 a.m.

E19. Capacity 209, Housing Advocacy

Low Rise / High Density

1.5 LUs HSW

By 2050, 75 percent of humanity will reside in urban centers. By 2040, the Twin Cities metro area will add 824,000 new residents and 400,000 new households. Our cities have begun to respond with the introduction of the accessory dwelling unit and other

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8:30 a.m.–10:00 a.m.

**E19. (continued)**

zoning changes to promote density. This program will discuss the possibilities of low-rise / high-density housing, providing greater density while maintaining the individual light, air, and landscape. The discussion will review issues of economic pro-forma performance, social equity, public policy, density, livability, and the urban landscape.

**Ray Dehn** is a member of the Minnesota House of Representatives, representing District 59B in Minneapolis. Previously, he served as national president of the American Institute of Architecture Students and volunteer for the third campaign of Senator Paul Wellstone. Throughout his career, Ray has maintained strong advocacy for affordable housing and sustainable design.

**John Dwyer, AIA**, is the co-founder of D/O, a design firm based in Minneapolis with a research focus on alternative housing models. He is also the author and program manager of the new B. Arch degree program at Dunwoody College of Technology.

**Ryan Kronzer** is the assistant director for Design and Land Use at the Metropolitan Council of the Twin Cities, and planning commissioner for the City of Minneapolis.

**Kjersti Monson** serves as the director of Long Range Planning for the City of Minneapolis. Prior to her appointment, she was the Real Estate Market Sector Leader for AECOM and a practicing urban designer.

**Sally Rabban** is the housing development specialist at Landon Group which focuses on quality affordable housing and community economic development. Previously, she worked with Twin Cities Habitat for Humanity to develop the strategic plan for the Neighborhood Revitalization Initiative Program.

**E20. Capacity 100, Workshop**

The Value of Energy Analysis, from Design Day One

1.5 LUs HSW GBCI

This interactive course will provide attendees with a charrette experience for evaluating and driving building energy performance—to analyze results in real time, as early as pre-design. During this session, participants act as design team members from all disciplines, working with real building characteristics and an actual building design. Using an analysis approach that assists with a cost benefit discussion, the participants will assemble “bundles” of selected energy efficiency measures to play out what-if scenarios, discussing the merits and challenges of each bundle. This session, with live facilitation, will demonstrate an effective method for guiding energy decision-making during early design, towards achieving higher efficiency goals and increasingly stringent energy codes.

**Richard Peske, AIA**, project manager, The Weidt Group, works with design teams, building owners, and utilities to improve building performance through detailed energy modeling and analysis, daylighting studies, and a variety of rating and certification programs, including SB 2030 and LEED. His expertise covers a full span of building and project types, including multi-family residential, mixed-use, hospitality, transit, retail, corporate, science & technology, industrial, and education.

**Wade Cooper, PE, LEED AP**, an energy analyst with The Weidt Group, has eleven years of experience in the commercial construction industry and nine years of experience conducting building energy simulations for new construction and renovation/addition projects. Through systems optimization, whole building consultation, he has helped design teams fine tune their buildings prior to construction document completion towards achieving their ultimate energy goals.

**E21. Capacity 209**

Demystifying Free-Address Seating Anxiety—Designing for Ultimate Collaboration

1.5 LUs

With the widespread use of private and semiprivate assigned cubicles, much of the organic knowledge-sharing between colleagues in an office space was lost. This workshop will present two case studies: HDR’s recent move from St. Paul to downtown Minneapolis, and Perkins+Will’s relocation into the mid-century IDS Center. Both firms did what architects often ask clients to do: walk the talk by embracing change-through-design as an opportunity rather than a risk. Using existing facility assessment and post-occupancy evaluation protocol, the existing workplace environments and the new environments were analyzed to indicate the impact of unassigned seating and open collaboration spaces on their employees while reducing leasable SF per employee. Attend and hear the lessons learned.

**David Dimond, FAIA, LEED AP**, is a principal and design director for the Minneapolis office of Perkins+Will. He encourages a project design culture most similar to deliberative politics: a problem-solving effort built around spirited dialogue that is idealistic but eminently actionable. Dimond serves as adjunct faculty at the University of Minnesota; is a past-president of AIA Minnesota; and is currently president of the Minnesota Architectural Foundation.

**Russell Philstrom, AIA, LEED BD+C, CDT**, is a senior associate at Perkins+Will. As a multidisciplinary project architect, Russell specializes in high-performance building design, analytics, and material health advocacy. A member of Perkins+Will’s Sustainability Council, he champions local and national sustainability and pro-bono initiatives, and mentors in LEED and the implementation of innovative sustainable design strategies. Russell was the lead architect for studioIDS, Perkins+Will’s new studio/workplace.

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8:30 a.m.–10:00 a.m.

**E21.** (continued)

**Mike Rodriguez, AIA, EDAC, LEED AP**, is a vice president and design principal for HDR. He has designed national and international award-winning projects over the past two decades. He has taught university-level architectural design studios for seven years and is currently leading the HDR Minneapolis Design Studio. Mike has presented numerous civic, corporate, and healthcare projects at national conferences and given several lectures to regional universities.

**Jim Thomson, AIA, NCARB**, is a vice-president and the managing principal for the HDR Minneapolis office. He is responsible for the management and growth of the local office and has led large, complex projects with local, regional, and international teams for the past 25 years. Jim has an M. Arch degree and is a graduate of the University of Nebraska and Lawrence Tech University.

10:15 a.m.–11:30 a.m.

**E22.** Capacity 280, Housing Advocacy

## Public Interest Design

Co-sponsored by Dunwoody College of Technology, Architecture

1.25 LUs

From modular classrooms in Portland to solar bakeries in Tunisia, Sergio Palleroni presents how he, his students, and other architects can and do play a critical role in forwarding the public interest.

**Sergio Palleroni** is an architect, professor, and Fellow at the new Institute for Sustainable Solutions at Portland State University in Portland, Oregon. He is internationally known for his social and environmental activism, providing his students and collaborators sustainable design solutions to communities in need. Since 2013 he has been director of the Center for Public Interest Design, the first such design research center in the US, whose mission is, "To investigate and promote design practices that are a catalyst for the social, economic, and environmental change needed to serve the growing needs of communities both locally and worldwide."

**E23.** Capacity 209

## Design Trends in Video Walls &amp; Digital Displays

1.25 LUs

This program will provide an overview of large-format display technologies including DLP, LCD, LED, and OLED. It will review key design considerations for video walls, explain technical specifications, and discuss industry trends. It will also touch on the issues of ADA compliance, energy efficiency, areas of cost savings, and 3D modeling. The session will include profiles of

video wall applications at an airport, museum, university, hospital, corporate lobby, sports venue, and shopping mall. A corporate case study will be presented from the point of view of the display technology manufacturer, the AV systems integrator, and the project architect.

**Neal Cross, Assoc. AIA**, project designer, RSP Architects, appreciates the complexities of design and thoughtfully considers how his client's brand can be brought to life through the built environment. A skilled modeler, Neal helps clients visualize design ideas on both the macro and micro level. His deep understanding of trends, materials, and process allow him to bring big ideas to life.

**Peter Lawrence**, business development consultant, Planar, has 25 years of national and international business experience. Peter previously worked as a software marketing manager at Autodesk before spending 10 years with Océ (Canon Group) marketing wide-format imaging solutions to the architectural, engineering, and construction industry. Peter holds InfoComm International's CTS certification for AV professionals.

**Conor McGill**, business development director, Spye, helps businesses solve problems with technology. In his current role, Conor builds relationships with clients and formulates creative audiovisual solutions for public and private spaces. Formerly an employee of Apple, Conor has a strong background in helping people better understand, experience and utilize technology through communication and collaboration.

**E24.** Capacity 108, WorkshopState Designer Selection Board:  
Process & Possibilities—Free

Co-sponsored by the AIA Minnesota Government Affairs Committee

1.25 LUs

Many Minnesota architecture firms compete for projects that go through the State Designer Selection Board (SDSB) process. Learn more about the process the SDSB currently utilizes and Board members' suggestions for how to engage in this process successfully. Following a presentation from representatives of the SDSB, roundtable discussions will be held to hear members' thoughts about what is working well and what could be improved (and how) regarding the SDSB process and thresholds. The thoughts gathered will inform the work of the AIA Minnesota Government Affairs Committee and a study being conducted on the SDSB that will be shared with the Minnesota State Legislature.

**Regina Flanagan, PLA, ASLA**, Art • Landscape • Design LLC, St. Paul, MN, represents the Minnesota State Arts Board on the SDSB and is an artist, landscape architect, and public art administrator. She is one of four artists selected to work on public art for the re-designed Nicollet Mall. Her photographs about landscape disturbance are currently on view at the University of Minnesota College of Design Library.

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10:15 a.m.–11:30 a.m.

**E24.** (continued)

**Meredith Hayes Gordon, AIA, LEED AP**, is an architect at HGA Architects and Engineers where she focuses on the Higher Education practice. She has a passion for advocacy in all that she does, both in the office and in her engagement with AIA. She is currently president-elect of AIA Minnesota and a past co-chair of the Government Affairs Committee. Meredith will moderate this program discussion.

**John E. Hamilton, AIA**, founded and managed UrbanWorks Architecture, LLC, in 2005 from which he retired in 2012. Previously, John served as vice president at Cuningham Group Architecture, LLC for 26 years. He is a past president of the Minnesota Architectural Foundation, and past chair of the AIA Minnesota Council of Firms. He currently serves on the Edina Planning Commission and the SDSB.

**Gregory S. Hulne, AIA, LEED AP**, is an architect at Miller Dunwiddie Architecture. He believes the talents of creativity and problem solving position the architecture profession to address some of the most pressing issues of our time: shelter, energy security, and protection of our environment. He has served on several AIA committees and is the incoming co-chair of the Government Affairs Committee.

**Katherine Leonidas** was a principal at BWBR until retirement in January 2015. A graduate of the University of Minnesota, she developed projects for a variety of clients ranging from the State of Minnesota, University of Minnesota, Augsburg College, St. Jude Medical, and Gillette Children's Specialty Healthcare. She currently serves on the SDSB.

**E25.** Capacity 209

### Mastering the Plan: History and Implementation of the Destination Medical Center Development Plan

1.25 LUs

The Destination Medical Center (DMC) in Rochester represents the largest economic development initiative in Minnesota, and one of the largest in the United States. With more than \$5 billion in projected private investments over the next 20 years, DMC will provide the public financing necessary to support a vision three years in the making. This program will discuss the critical roles state officials, private investors, and community members played in creating the DMC Development Plan. The diverse panel of experts will elaborate on the implementation phase of this vast effort as they begin work on the first identified priorities: Discovery Square, Heart of the City, and Transportation.

**Lisa Clarke**, executive director, DMC Economic Development Agency, oversees the organization that provides services to the DMC Corporation Board to develop, plan and implement the DMC strategies. DMC is a bold economic development initiative that aims to create a more vibrant, authentic community experience

for Mayo Clinic patients, visitors, and residents, with the goal of being the world's premier destination medical center and America's City for Health.

**Patrick Seeb**, director of Economic Development and Placemaking for the DMC Economic Development Agency, oversees the economic development, placemaking, and marketing activities of DMC. In addition, Patrick is responsible for managing and enhancing relationships with investors, public and private businesses, and the community, as well as driving initiatives for attracting new business to the City of Rochester DMC Development District. Previously, Patrick served as executive director of the Saint Paul Riverfront Corporation.

11:15 a.m.–2:30 p.m.

**E26.**

## Exhibit Hall

The Exhibit Hall is where you find that new product for your next project. Walk around and get up to speed on all the new products and services. Collect stamps from participating exhibitors on the Passport Card to enter for prize drawings. Bid on a silent auction item benefiting the Minnesota Architectural Foundation. Have lunch in the Café Lounge.

12:00 p.m.–2:15 p.m.

**E27.** Capacity 30, Tour

## HDR / Perkins+Will Office Tour

1.0 LUs

With the widespread use of private and semi-private assigned workspaces, much of the organic knowledge-sharing between colleagues in an office environment can be lost. This event is a tour of two downtown Minneapolis offices—HDR and Perkins+Will. Both firms recently re-designed their office spaces with unassigned seating and free-flowing collaboration spaces for their employees. See the space while employees work, and hear about what works, and what doesn't, and why.

o An additional fee is required. Shuttle bus transportation and a boxed lunch is provided.

2:30 p.m.–4:00 p.m.

**E28.** Capacity 600

### Specifying Commercial Windows and Glazing Systems to Suit Your Project

Co-sponsored by the AIA Minnesota Continuing Education Committee

1.5 LUs

HSW

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2:30 p.m.–4:00 p.m.

**E28. (continued)**

This program will present the specification of commercial fenestration systems. The presentation will cover operable windows, storefronts, and curtainwall performance criteria such as U-values, condensation resistance, water management, wind and elevation performance criteria, flashing and sealing, location of the window, and the proper system for the building. It will also describe the differences in the performance characteristics and how that is determined and measured. The proper specifying of the quality control and testing procedures will be reviewed to ensure that performance levels are met and work within the project budget.

**Steve Flaten, AIA**, is a principal at Braun Intertec, a local independent testing and consulting firm. In addition to his 13 years at Braun as the discipline leader for the Building Sciences Group, he has spent over 40 years working in the architectural industry handling construction administration and troubleshooting for exterior envelope issues, including curtainwall failures and restoration.

**Jack R. Rasmussen, AIA**, is an associate principal and senior architect specializing in Building Sciences with Braun Intertec. He heads Braun’s Envelope Consulting and Forensics Group along with Building Enclosure Field Testing services, which includes their AAMA Accredited Testing Laboratory. He has over 15 years of experience in the field.

**E29. Capacity 108, Housing Advocacy**

**Proactive Affordable Housing Policy: Why We Need It and How to Get There**

Co-sponsored by the AIA Minnesota Housing Advocacy Committee

1.5 LUs | HSW

Minnesota is facing a housing crisis. Almost one-third of metro-area households experience a housing burden by spending more than 30 percent of their income on housing. Almost one in seven spend at least 50 percent of their income. Architects play a key role in designing quality affordable housing, but the root of many housing challenges lies in policy. This program will gather a range of individuals who represent diverse fields surrounding progressive housing design and policy to discuss the barriers and catalysts of quality affordable housing, in search of solutions that meet Minnesota’s needs.

**Raymond Dehn** is a Minnesota politician and member of the Minnesota House of Representatives. A member of the Minnesota DFL Party, he represents District 59B, which includes portions of North Minneapolis and the Warehouse District. His constituency includes a variety of income levels and housing types. While his current work is in politics, he holds a BA in architecture and has worked as a design and sustainability consultant.

**Matthew Finn, AIA**, is a project architect at Cermak Rhoades Architects specializing in affordable and supportive housing. His most recent project, the multiphase Dorothy Day Campus in downtown St. Paul, will be a national model for a mix of permanent housing, human services, and emergency shelter. Matthew is an adjunct assistant professor in the University of Minnesota School of Architecture, and serves as chair of the *Architecture MN* magazine committee.

**Thomas Fisher, Assoc. AIA**, is a professor and director of the Metropolitan Design Center (MDC). The MDC seeks to help cities rethink the assumptions and rewrite the rules guiding development to create a physical environment that is more sustainable, equitable, livable, and resilient. Under his leadership, the University of Minnesota College of Design expanded its programs to become one of the most comprehensive design schools in the country and a hub for socially responsible and engaged research and practice.

**Edward G. Goetz** is director of the Center for Urban and Regional Affairs and professor of urban planning at the University of Minnesota Humphrey School of Public Affairs. He specializes in housing and local community development, as well as issues of race and poverty that affect housing policy, planning, and development. His most recent books are *New Deal Ruins: Race, Economic Justice and Public Housing Policy* (2013, Cornell University Press), and *Clearing the Way: Deconcentrating the Poor in Urban America* (2003, Urban Institute Press), which won the Paul Davidoff Award from the Association of Collegiate Schools of Planning in 2005.

**Shalunda Holmes** is a senior project coordinator with the City of Minneapolis, where she handles the financing and development of housing projects. Before working for the city, she spent eight and a half years with Project for Pride in Living, an affordable housing developer. She has a master’s in urban and regional planning, housing, and community development.

**Sarah Linnes-Robinson** is the executive director of the Kingfield Neighborhood Association. Under the title of executive director, Sarah is really a community organizer, a cheerleader, and a mom to the entire neighborhood. While the visible outcome of a single project may be a community garden, a mural, or an affordable housing development, her real job is to support volunteers in leadership roles so that the actual outcome of each project is a stronger and more cohesive community.

**E30. Capacity 280**

**All New Quality Review Process**

1.5 LUs | HSW

Quality review for many firms is having someone with gray hair take a quick look at a set of drawings before it goes out the door, generating a lot of redlines. What if these critical decisions of what to draw and what not to draw were made earlier? What if the process saved you time and money? Can quality control be educating your staff on your project so they can implement it every day? This program presents insights and observations from

CONTINUED ON NEXT PAGE >

2:30 p.m.–4:00 p.m.

**E30. (continued)**

a career of quality reviews about what goes wrong and what can go right. The program is recommended especially for people who aren't yet gray!

**Jim Butler, AIA, LEED AP**, associate and senior project architect, RSP Architects, performs quality and code reviews for the firm. He is the project architect for Maurice's headquarters in downtown Duluth. Previous to RSP, Jim was employed at HGA Architects and Engineers for 27 years, where he also did quality reviews and was the project architect for over 175 projects, receiving several AIA Minnesota Honor Awards.

**E31. Capacity 209**

### Tips and Tricks: Effective Marketing and Communications

1.5 LUs

Architecture firms, regardless of size, face many of the same marketing challenges: high personnel turnover, competition for press coverage, navigating social media, and limited financial and human resources for effective business development. This panel session focuses on strategies to overcome these marketing and public relations hurdles. Industry experts will speak to the major challenges and offer advice and key strategies to make your firm's marketing and communications more robust—whether your group consists of one person, ten people, or just you!

**Alita Bergan**, marketing and business development director, Snow Kreilich Architects, helps develop, establish, and maintain marketing strategies of the firm. She manages and coordinates all marketing, advertising, and promotional/public relations activities. She identifies potential projects in new and existing market segments and manages the RFP process. Additionally, Bergan oversees the production of marketing plans and projects for the website and social media.

**Erika Eklund** is director of communications for HGA Architects and Engineers. Erika oversees internal and external communications, developing programs to support HGA's brand and strategic plan. She partners with leadership, project teams, marketing, human resources, and new initiatives to produce innovative and effective vehicles for sharing content across the firm's multiple platforms. Erika has over 20 years of experience working with organizations to craft and share their stories in order to build audience, reputation, revenue, and culture.

**Jayme Gately** is the founder and director at COLLAB, a collaborative that brings freelance professionals from across a variety of disciplines together, to deliver custom marketing and communications solutions for clients in architecture, design, real estate, and development. She leads overall strategy for COLLAB, curating teams of talent specific to the needs of each client and project. Prior to founding COLLAB, Jayme led marketing and communications for Skidmore, Owings and Merrill's Chicago office.

**Emily Reichenbach** is a Minneapolis-based freelance writer and the former marketing writer for Skidmore, Owings & Merrill LLP (SOM). Based in Chicago, her work at SOM included strategic writing for design competitions and awards, press releases, lectures, articles on behalf of SOM for international publications, and more. Prior to joining SOM, Emily held dual roles as the program coordinator for AIA Minnesota and editorial assistant of *Architecture MN* magazine. Emily will moderate this program panel discussion.

**Samantha Snodgrass** is the former marketing director at Studio Gang in Chicago, where she was in charge of communicating with all potential and new clients, and collaborating with them as materials were prepared to represent each project to the public. Samantha oversaw communications between clients and outside consultants, including press agencies and world-class photographers and filmmakers. Samantha recently left Studio Gang to work with an architectural videographer in Chicago.

**E32. Capacity 209**

### Well-Being: The New Frontier

1.5 LUs

HSW

Cities, communities and organizations across the globe are engaged in the evolutionary shift: from wellness to well-being. During the past several years a multitude of well-being innovations have emerged from a broad spectrum of industries—including architecture and design. There will be no shortage of new ideas as this shift continues over the next 2-3 decades that will transform society by redefining how we live, work, and play. How will this shift transform architecture and design? What role do we play with our clients on this journey? How do we engage so we lead rather than follow? These are some of the questions we will explore in this session.

**Melissa Jancourt, CID, LEED AP BE +C**, leads clients and teams in thought-provoking conversations about how to improve employee engagement, health, and happiness—all critical components of well-being, in both the design process and the built environment. Her approach is to blend secondary and primary research to develop an in-depth understanding of her clients, their business drivers, and the indicators of success that are meaningful to their organization.

**Amy Kalar, AIA, LEED AP BD+C, EDAC**, is an associate and senior medical planner at RSP Architects. Recognizing that designed space can influence a person's well-being, Amy has applied original research and evidence-based design to better understand how healthcare environments impact patients and caregivers. Amy works with healthcare organizations to plan and design facilities that allow them to deliver superior patient care.

**Nancy O'Brien** is an experience strategist at RSP Architects in the Dreambox studio. Nancy has a background in business strategy, change management, and organizational effectiveness mixed with 10 years of research on happiness and well-being. She works with organizations to align all the elements of their experience—people, process and place—to enhance well-being and measure the impact on individual and organizational goals.

2:30 p.m.–4:00 p.m.

**E33.** Capacity 480

Ethics of Influence: How To Ethically Impact Public Policy

Co-sponsored by the AIA Minnesota Government Affairs Committee

1.5 LUs ETHICS

Our recent member survey shows that many members are currently involved in their local communities and there is also strong interest in growing connections among architects and decision-makers. When it comes to engaging with local, regional, state and federal officials—either on their own or on behalf of clients—architects need to make sure their efforts are well within the laws that govern these interactions, as well as adherent to the AIA Code of Ethics. This program provides an overview of relevant provisions of the AIA Code of Ethics, a summary of state and federal lobbying and campaign finance laws, application to local-level interactions, and suggestions of how members can ethically influence public policy, including through AIA Minnesota and the local chapters.

**William Beyer, FAIA**, is a long-time member of the AIA Minnesota Government Affairs Committee and is chair and treasurer of MAPAC (the Minnesota Architects Political Action Committee). He has testified at the state legislature many times on behalf of Minnesota’s architects, and believes that engaging the world as a citizen-architect is at the core of being a professional.

**Nancy Hylden** is an attorney based in Minneapolis and Alexandria, MN. Her practice focuses on government relations: legislative lobbying and regulatory advocacy, campaign finance, tax law, and lobbying and ethics law.

**Mark Kalar, AIA**, is co-chair of the AIA Minnesota Government Affairs Committee and chief corporate counsel at Cuningham Group Architecture. He has a long-time interest in the impact public policy plays on the built environment.

3:45 p.m.–6:00 p.m.

**E34.**

Exhibit Hall

Enjoy hors d’oeuvres and beverages from the cash bars as you visit with exhibitors. Get a new headshot taken to update your social media profiles. Enjoy free WiFi and connect with exhibitors. Tour Alchemy Architects’ LightHotel, a transportable hotel room within the shell of a shipping container that features triple-glazed windows, solar powered HVAC, and hydronic in-floor heat for efficient energy usage.

6:00 p.m.–7:30 p.m.

**E35.** Capacity 600, Housing Advocacy

Keynote Address:

Elastic

Co-sponsored by the AIA Minnesota Housing Advocacy Committee

1.5 LUs

The boundaries that divide architecture from companion disciplines like landscape, planning, and engineering are radically shifting. The practice of architecture can embrace a broader range of capacities and abilities that allow it to be impactful, not only at the level of a building but also at the level of the discipline. This keynote address will present a series of buildings, landscapes, and infrastructures that express contemporary form, but also look at the form of contemporary practice and its potential for elasticity, especially as it relates to pressing questions around urbanism.



**Michael Maltzan, FAIA**, principal, Michael Maltzan Architecture, Inc., founded Michael Maltzan Architecture, Inc., in 1995. Through a deep belief in architecture’s role in our cities and landscapes, he has succeeded in creating new formal, cultural, and social connections across a range of scales

and programs. Maltzan received an M. Arch degree with a Letter of Distinction from Harvard University’s Graduate School of Design, and he holds both a BFA and a B. Arch from the Rhode Island School of Design where he received the Henry Adams AIA Gold Medal. His designs have been published and exhibited internationally, and he regularly teaches and lectures at architectural schools around the world. He is a Fellow of the American Institute of Architects and a recipient of the American Academy of Arts and Letters Architecture Award.

8:00 a.m.–10:00 a.m.

**E36.** Capacity 600

## Skin and Bones: Breaking Facade Down to its Essence

2.0 LUs HSW

This program will be a discussion on how to realize architectural vision by designing systems rather than specifying proprietary products. The presentation will examine the fundamentals of how the elements of the facade perform and reassemble them in unique ways to create more efficient and elegant systems that perform as well as or better than traditional systems. Case studies will be reviewed, including both transparent and opaque facade systems, and will examine the junction of the transparent and opaque assemblies, where most facade failures occur. Important topics will include continuous insulation, mitigation of thermal bridges, condensation, waterproofing and structure.

**Will P. Babbington, AIA, PE, LEED AP BD+C**, is the facade performance design director for Studio NYL's Skins Group in Boulder, Colorado. As both an architect and an engineer, he has designed and realized award-winning, high-performance building enclosures on local, national, and international levels. Will is an active member in numerous professional organizations such as the AIA, the Society of Facade Engineering, and the Building Enclosure Technology and Environment Council (BETEC), as well as secretary for the national Executive Committee of the Building Enclosure Council (BEC) and chair for BEC-Colorado.

**Christopher O'Hara, PE**, is a founding principal of Studio NYL and the director of the Skins Group, a portion of Studio NYL dedicated to the holistic design of buildings and their skins, including structural, thermal and hygrothermal analyses. Chris has experience with some of the most advanced facade technologies, including structural glass, tension systems, and opaque materials. Chris has served as a board member for the AIA Colorado-North Chapter, is an active member of AIA Colorado, and served on the CONSTRUCT Education Advisory Committee and the Architectural Graphic Standards Editorial Advisory Board.

8:30 a.m.–11:45 a.m.

**E37.** Capacity 108, XL Workshop, MFBA

## High-Impact Communication Skills

3.0 LUs

This interactive session will focus on understanding how to effectively communicate your message and value to your clients and the world. Topics to be covered include barriers to effective communication; getting your message across; choosing the best communication channel; establishing standards of responsiveness; active listening; communicating across styles; communicating persuasively and confidently; and what you should know about social media.

**Louellen Essex, PhD**, is an organization learning and development consultant specializing in leadership, communication, team building, and conflict resolution. She is a Fellow of the University of Minnesota Carlson School of Management's Executive Development Center and an adjunct faculty member at the University of St. Thomas in Minneapolis. She has co-authored three books on leadership and multiple journal/website articles. In 2010, Mayo Clinic honored her work by designating the Essex Conference Room in the Mayo Graduate School.

8:30 a.m.–10:00 a.m.

**E38.** Capacity 280, Housing Advocacy

## Making a Difference Through Social Impact Design

1.5 LUs HSW

As design firms continue to adapt and respond to changing demographics, markets, and business conditions, social impact design has emerged as a powerful force to provide meaningful design services for those who would not normally have access to these services. Community planning, public health, environmental improvement, and building design can be addressed through nontraditional design offerings. By creating business models and innovative return on investment considerations, social impact design can have a positive impact on a community and develop an inspired workforce for architectural practices. This presentation will feature programs within two Minnesota architectural firms and present an academic perspective on the growing emergence of social impact design.

**Brice Aarrestad, Assoc. AIA**, is a designer in DLR Group's Minneapolis office. He is an advocate for the design profession's ability to alleviate the effects of poverty by bringing dignity to the human experience. He is an active social impact designer having worked on projects in Uganda, Haiti, and Tanzania. Brice is currently leading the development of a formal pro bono program for DLR Group.

**Jessica Horstkotte, Assoc. AIA**, is a founder and co-chair of HGA Community Action. Building on her graduate school research focused on effective business models for social impact design, Jessica works with firm leadership to implement programs and align resources to better serve communities and organizations that too often do not have access to design services. Jessica is an AIA Minneapolis associate director and an adjunct instructor at the University of Minnesota.

**David Loehr, AIA**, serves as an advisor to the HGA Community Action program and is the practice group leader for HGA's Public and Corporate Architecture. David has led numerous community-based initiatives that have contributed to civic engagement, community vibrancy, and environmental planning. He is a frequent speaker on the architectural and societal dimensions of public health, equity, and sustainability issues.

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8:30 a.m.–10:00 a.m.

**E38.** (continued)

**Jim Lutz, AIA**, is a lecturer in the University of Minnesota School of Architecture where he serves as the director of the MS-Sustainable Design program and is an active participant in the School's Public Interest Design initiative. He led a graduate studio in Port-au-Prince, Haiti in 2011 and 2012 working with Architecture for Humanity on post-earthquake recovery, and has served as faculty advisor on student-led, social-impact projects in Sierra Leone and Nigeria.

**E39.** Capacity 209, EP Track

## Peeking Behind the Curtain: A Look Behind the Scenes at the Workings of Architecture Firms

Co-sponsored by the AIA Minnesota Emerging Professionals Committee

1.5 LUs

Success within a firm begins with understanding the value you bring to the team. Emerging professionals contribute to the overall success of a firm when they ask: How does my work fit into the larger process? How can I better utilize my time on projects? How does my productivity benefit the business? Take a peek behind the curtain of four architectural offices and their unique management strategies. Four speakers will discuss their firm's structure and business model and how individuals at every level within a firm can be a positive contributor to the firm.

**Katie Kangas, Assoc. AIA**, is a designer at Kodet Architectural Group. She participates in the Emerging Professionals Committee by curating relevant issues for discussion among new apprentices to the architectural profession. Katie will moderate this discussion.

**Chuck Levin, AIA**, began Charles Levin Architects in 1981 and is a sole practitioner who employs interns and collaborates with other experienced architects as the workload demands. He was a founding co-chair of the AIA Minnesota Small Firms Committee, a forum for practitioners at small architecture firms. He has taught Integrated Design Processes for the University of Minnesota School of Architecture and currently volunteers with the CDes Mentor Program.

**David O'Brien Wagner, AIA, LEED AP**, principal, SALA, has 24 years of architectural experience with a broad mix of both residential and commercial projects, in both urban and rural locations. Through a process of observation, research, and dialogue, David's work reflects the unique attributes of each client and their relationship to place, landscape, and community. Additionally, his investigations of climate, terrain, and culture bring contextually influenced shape and form to design solutions.

**Josh Stowers, AIA, LEED AP BD+C**, principal, MSR, has worked on corporate headquarters facilities for numerous Fortune 500 companies, including 3M, Honeywell, and Urban Outfitters. He thrives on discovering what makes a business successful

and designs spaces to meet their long-term goals, resulting in close, ongoing relationships with clients. Josh received an AIA Minnesota Young Architects Award, a *Minneapolis/St. Paul Business Journal* 40 Under 40 Award, and *Minnesota Business Magazine* (Real) Power 50 Award.

**Nicole Washburn, AIA, LEED AP BD+C**, principal, JLG Architects, joined the firm in 2007. In her first year she developed tools to streamline how the company manages projects and cash flow and helped increase profit by more than 10 times the previous year. In 2013 Nicole became one of the company's youngest shareholders ever. She currently holds the position of director of operations and principal architect / practice leader for JLGdwell, their multifamily and mixed-used studio. She is chair of the AIA Minnesota Continuing Education Committee.

**E40.** Capacity 209, EP Track

## Measuring Your Technology Know-How—Big Data Strategies for Digital Practice

1.5 LUs

The fast pace of technological change causes firms to question whether their staff knows what is needed in order for the firm to be successful. HDR Architecture and Proving Ground collaborated on a firm-wide Design Technology Knowledge Assessment which collected data from over 25 offices and over 460 staff members. Analysis of this internally collected data allowed HDR to measure confidence, identify strengths and weaknesses, and inform future investments in tools, training, BIM and computation. This session will provide an overview of how HDR worked side by side with Proving Ground, resulting in a meaningful knowledge roadmap for the firm's design technology.

**Nate Miller** is the founder of Proving Ground. As a consultant, he has advised leaders and teams in some of the most reputable organizations in the building industry offering strategic insight or developing new parametric tools. Nate has authored numerous free and open-source software tools that are widely used by professionals and academics, including his blog, [TheProvingGround.org](http://TheProvingGround.org), a resource for computational technologies. Prior to starting Proving Ground, Nate was an associate partner at CASE.

**Rachel Riopel, AIA**, digital design managing principal, HDR, consults with office leadership and project management regarding practical BIM and design-technology-supported workflows to realize excellence in project delivery and client satisfaction. Rachel's primary areas of expertise are consensus building for standard practices, integration of contract language, process improvement, client education/support, and the integration of BIM for all team members from design inception to operations.

8:30 a.m.–10:00 a.m.

**E41.** Capacity 480Building Performance Modeling:  
Overview and Benefits

1.5 LUs | HSW | GBCI

This program will provide an overview of energy modeling, daylighting, and computational fluid dynamics as it relates to the architectural design process. The program will include two case studies illustrating the positive contribution of modeling for informed decisions during the early design process. The presentation will illustrate how architectural and engineering collaboration for building modeling can enhance the design delivery for clients and create a balanced approach on projects. Also presented will be how a design team can evaluate different options through analysis such as return on investment or life-cycle cost, and discuss how building energy modeling enhances LEED certification, compliance with the Minnesota B3 SB 2030 Energy Standard, and compliance with the 2015 Minnesota Energy Code.

**Jason Petermann, PE**, principal, Michaud Cooley Erickson (MCE), has over 18 years of experience in the consulting industry. Jason is a mechanical engineer responsible for the design of HVAC, plumbing, and fire protection systems, primarily in the science and technology and higher education markets. His work experience includes central chilled water plants, central boiler plants, energy recovery systems, 24/7 condenser water systems, thermal storage, and energy modeling.

**Douglas D. Pierce, AIA, LEED Fellow**, is a senior associate with Perkins+Will in Minneapolis. His work includes the LEED Gold Certified Wilder Center in St. Paul, Great River Energy Headquarters in Maple Grove, and multiple 2030 compliant projects. He teaches Sustainable Design at the University of Minnesota School of Architecture and he chairs development of the RELi Resilient Design Action List and National Consensus Standard for MTS. Doug is the co-chair of the AIA Minnesota Committee on the Environment.

**Eric Schlichting** is a mechanical engineer at MCE, with a focus in building efficiency and building energy modeling. Eric currently provides MCE's clients with energy modeling support, HVAC system comparisons, return on investment, and life-cycle cost analysis. Eric is also conversant in energy modeling for LEED, the Minnesota B3 SB 2030 Energy Standard, and showing compliance with the 2015 Minnesota Energy Code.

**Eric Stelmack, PE, LEED AP**, is a principal at MCE with 24 years of experience in engineering. Eric heads the Technology Systems department at MCE and maintains a focus in the area of modern building technologies, across all commercial sectors. As the Continuing Education Systems (CES) provider point of contact, Eric administers the MCE continuing education program, delivering seminars on building technologies to numerous architecture and engineering firms in the region.

10:15 a.m.–11:45 a.m.

**E42.** Capacity 209Mastering Collaboration: Awarded School  
of Architecture Final ProjectsCo-sponsored by the University of Minnesota, School  
of Architecture

1.5 LUs

The M. Arch program at the University of Minnesota culminates in a semester-long final project. Final projects are intellectually challenging, and the range, quality, and quantity of work generated over 15 weeks is a testament to the dedication and sincerity of University of Minnesota students as they transition to the profession. This year, many students opted to work collaboratively, and these collaborative projects were especially successful in a variety of ways. In this session, two student teams will present their architecture research and its conclusion, and will discuss how their collaboration was especially effective, if challenging at times.

**Jesse Campos** received a BA in history from the University of California, San Diego, before earning his M.Arch. He is interested in architecture's transformational role as part of the institutional and cultural frameworks that affect societies. Jesse is a project manager at VTBS Architects in Santa Monica.

**Bailey Hanson, Assoc. AIA**, earned a BS in kinesiology from the University of Wisconsin-Eau Claire prior to earning her M.Arch. She is also pursuing an MS in sustainable design and advocates holistic approaches that go well beyond material and energy considerations. Bailey is a designer at Albertsson Hansen Architecture in Minneapolis.

**Katie Loecken, Assoc. AIA**, has a B.Des in architecture from the University of Minnesota as a foundation for her M.Arch. Her core interest is using beautiful design as the method for shaping public space and infrastructure within the urban core. Katie is a designer at James Dayton Design in Minneapolis.

**Sara Marquardt, Assoc. AIA**, has a B.Des in architecture from the University of Minnesota as a foundation for her M.Arch. Her interests lie in rethinking the contexts of urban infrastructures, and activating and revealing opportunities in otherwise wasteland areas. Sara is an architecture intern at Miller Dunwiddie Architecture, Minneapolis.

**Marc Swackhamer, Assoc. AIA**, is an associate professor and head of the University of Minnesota School of Architecture. He has a B. Arch from the University of Cincinnati and an M.Arch from Rice University. Marc is a principal in HouMinn Practice, a design firm and research partnership with Blair Satterfield (University of British Columbia), that challenges in-place techniques of construction and material production. Marc will moderate the session.

10:15 a.m.–11:45 a.m.

**E43.** Capacity 209, EP Track**#ArchitectAnd: Valuing a Broader Creative Practice**

1.5 LUs

As roughly a fifth of professionals in all fields off-ramp to change careers, it is a critical time to reassert and communicate the value and applicability of an architectural education and approach to problem solving. Expanding the definition of architectural practice can mutually benefit industry and individuals, retaining talent and supporting more collaborative leadership styles.

Through case studies and discussion, panelists will examine their interdisciplinary and nontraditional careers, rooted in architectural education, and engage in a discussion that examines the language and actions that can promote architecture at large.

**Raymond Dehn** is a Minnesota politician and member of the Minnesota House of Representatives. A member of the Minnesota DFL Party, he represents District 59B, which includes portions of North Minneapolis and the Warehouse District. His constituency includes a variety of income levels and housing types. While his current work is in politics, he holds a BA in architecture and has worked as a design and sustainability consultant.

**Thomas Fisher, Assoc. AIA**, is a professor and director of the Metropolitan Design Center (MDC). Previously Tom was Dean of the University of Minnesota College of Design. Under his leadership, the College of Design expanded its programs to become one of the most comprehensive design schools in the country, and a hub for socially responsible and engaged research and practice.

**Connie Lindor**, product launch manager at JAMF Software, has a diverse career path that is rooted in an entrepreneurial spirit and love of problem-solving. Her undergraduate biology studies guided her Peace Corps work in Fiji. Her M. Arch training informed her practice at SALA, Snow Kreilich Architects, and her own store and studio, Redlurered. She has invested in real estate and just recently launched PlansMatter, a vacation rental service devoted to exceptionally designed properties around the world.

**Kimberly Long Loken, AIA, LEED AP, IDEC**, is an assistant professor at the University of Wisconsin–Stout. She teaches graduate and undergraduate students at the intersection of architecture, interiors, film, and games. Kim's 15 years of professional experience spans civic, commercial, and residential projects. Her approach to each is further informed by a storytelling mindset cultivated in scenic design work for film and theater.

**Heather Rose–Dunning**, founder of Scout Workshop, is challenging the traditional business model of architectural practice by rethinking the way we engage talent for projects. She was a founding partner of 20 Below Studio and former principal of Alliance. Throughout her career, she has led a variety of design efforts including interior architecture and design, strategic planning, renovation & repositioning, brand integration, workplace planning, and change communication.

**Rachel Usher, AIA, LEED AP**, is an associate at RSP Architects, where she collaborates with the experience and exhibit design practice of their DreamBox studio and the more traditional architectural practice of the firm. Her approach to architecture stems from a passion for the experience of the individual in the built environment. In her work, Rachel is driven to produce innovation through the collaboration of diverse partnerships.

**E44.** Capacity 600**B3 Guidelines Version 3: Sustainability Simplified**

1.5 LUs

HSW

GBCI

Over the past year, the Center for Sustainable Building Research has led an effort to create Version 3.0 of the B3 Guidelines. The guideline revisions are intended to:

- Bring B3 up to date with the latest national standards and green rating systems;
- Revise performance standards and requirements to reflect the current state of the building industry in Minnesota;
- Significantly reduce the administrative burden for project teams;
- Improve the sustainable performance of projects in the future.

Ideal for design teams and owners looking for strategies to improve project performance and comply with State of Minnesota requirements, this session will provide an overview of the suite of B3 tools, and provide an in-depth review of B3 Guidelines Version 3.0.

**Becky Alexander** has an MS in sustainable design supplementing her professional architecture degree. Becky combines sustainable building research with architectural design in her work for LHB. A member of the B3 Guidelines team, she will explain how design teams can apply B3 Guidelines Version 3.0 to their upcoming projects.

**John Carmody** is the founding director of the University of Minnesota Center for Sustainable Building Research (CSBR) and currently holds senior fellow positions at the CSBR and the Metropolitan Design Center. A member of the B3 Guidelines team, John will provide an in-depth explanation of the changes to the Materials guidelines in Version 3.0.

**Rick Carter, FAIA, LEED AP Fellow**, is an architect and a senior vice president in LHB's Minneapolis office, where his primary responsibilities include business development and project leadership. As manager of the B3 team, Rick will provide a brief history of the evolution and development of the B3 Guidelines.

**Richard Graves, AIA**, is the director of the Center for Sustainable Building Research and an associate professor in the University of Minnesota College of Design. From 2012 to 2014, he was the executive director of the International Living Future Institute. As leader of the B3 Guidelines review team, Richard will provide an overview of the suite of B3 programs and tools and explain the intent behind the new version of the B3 Guidelines.

THURSDAY, NOVEMBER 10 (Student Day)

10:15 a.m.–11:45 a.m.

**E45.** Capacity 480, EP Track

## Design Excellence at the United States Borders

1.5 LUs

The Design Excellence Program, established by the General Services Administration (GSA), stresses creativity and streamlines the way GSA hires architects and engineers for federal clients needing workspace. At the Canadian and Mexican borders, the GSA facilitates the design and construction of border control facilities. Matt Kreilich of Snow Kreilich Architects in Minneapolis and Eddie Jones of Jones Studio in Phoenix present their work on the borders and their experiences within the Design Excellence Program.

**Eddie M. Jones, AIA**, is the founder of Jones Studio a mid-sized architecture, interior design, graphic design, public art, and planning firm founded in Phoenix, Arizona. Their work has been honored with 190 design awards including a 2016 AIA National Institute Honor Award for the Mariposa Land Port of Entry.

**Matthew Kreilich, AIA, LEED AP**, is a design principal of Snow Kreilich Architects. He is the heart of the firm's collaborative working model with an active participation in both strategic and detail design resolution. Matthew's design leadership has been recognized both locally and nationally including AIA Honor Awards and GSA Design Excellence Awards. Matthew has taught at the University of Minnesota College of Design and Syracuse University. He has participated in visiting critiques and was recently a juror for the *Progressive Architecture* Award.

**E46.** Capacity 280

## Architect/Educator: Enhancing Awareness via Community Leadership

1.5 LUs

"No one knows what architects do." Throughout AIA National's #ilookup campaign, architects are encouraged to stand up and be counted, create awareness of the value of working with an architect, and generate an understanding of how architects impact lives on a daily basis. This program will examine the opportunities available at the community level to increase public awareness and change the conversation from "no one knows" to "everyone knows."

**Larry Paschall, AIA**, was a project architect and vice president at HPD Architecture LLC in Dallas, Texas, until mid-2016, when he left the firm to pursue other opportunities where he could advocate for architects and the profession. He remains the co-host and author of the iTunes audio podcast "The Architecture Happy Hour," an informal discussion about architecture for design professionals, clients, and students. Larry currently serves as the chair of the Board of Directors for the North Texas GLBT Chamber of Commerce. He is an avid and insightful speaker and was well received in 2010 when he was a speaker at AIA Minnesota's Convention as part of the Practice Management Knowledge Community education track.

11:30 a.m.–2:00 p.m.

**E47.**

## Exhibit Hall

Have lunch in the Café Lounge and then make your way around the Exhibit Hall. It is your last chance to fill up your Passport Card to enter to win prizes and your last chance to bid on silent auction items for the Foundation. Be sure you have seen all the new products and services showcased here.

12:00 p.m.–2:00 p.m.

**E48.** Capacity 30, EP Track, Tour

## Urban Sketchcrawl

1.5 LUs



Join local urban-sketchers Amber Sausen, AIA, and Daniel Green, AIA, and sketch your way through the skyways of downtown Minneapolis. Learn a few new techniques through a variety of sketching exercises aimed at expanding the way you

see the city. Bring your own sketchbook and tools: all media are welcome. All experience levels are welcome.

**Daniel Green, AIA**, Miller Dunwiddie Architecture, and **Amber Sausen, AIA**, Alliance, have attended sketch crawls around the world including Singapore, London, and Barcelona. They've led local sketchcrawls, as well, including a few for AIA Minnesota. Plan to attend and learn from their experience and enjoy their enthusiasm!

- o An additional fee is required. A boxed lunch is provided.

2:00 p.m.–3:30 p.m.

**E49.** Capacity 480, EP TrackEmerging Voices in Real Estate:  
Shaping an Evolving Market

1.5 LUs

The forces and dynamics our partners from the real estate sector are navigating, and the motives that drive and inspire them, are changing. Hear from a panel of emerging leaders within the local real estate market, all rooted in the demands and needs of today, but with an eye on tomorrow. What is changing, and how can the architectural industry become a better partner?

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2:00 p.m.–3:30 p.m.

**E49. (continued)**

This panel comprises next-generation leaders in the region who are influencing projects across market sectors.

**Brandon Champeau**, vice president at United Properties, leads project teams in the development and acquisition of commercial properties in the Twin Cities and select markets nationwide. Brandon chaired the Public Policy Committee from 2013–2016, leading the legislative efforts for the Commercial Real Estate Development Association (NAIOP). He is a member of the Urban Land Institute (ULI), and actively participates in ULI's Urban Plan Initiative.

**Michael Kisch, AIA**, is design project manager at the University of Minnesota, where he is tasked with managing the predesign and design execution for university capital improvement projects. Michael is a natural collaborator who fosters partnerships across stakeholders to facilitate broader and deeper dialogue around project needs and vision. He currently serves on the AIA Minneapolis Board of Directors and ULI MN Advisory Board, and is a planning commissioner for Brooklyn Park, MN.

**Maureen Michalski** is the director of development for Schafer Richardson, Inc., a commercial real estate services firm focused on Upper Midwest markets. Maureen has nearly 15 years of experience in multifamily and commercial real estate development. She has been responsible for nearly half a billion dollars in new development projects and substantial rehabilitations. At Schafer Richardson Maureen is instrumental in identifying and implementing new opportunities for development and joint venture partnerships.

**Carl Runck** is director of Real Estate Development at Ryan Companies US, Inc. Carl brings a breadth of experience to Ryan in managing the development of transformative mixed-use projects, including most recently the redevelopment of Block E into Mayo Clinic Square and the ground-up Latitude 45 luxury apartment tower. He leads and facilitates multidisciplinary teams through all aspects of the development process.

**Brent Webb** is business development associate at Sherman Associates, responsible for assisting in the identification of new opportunities by building awareness of Sherman Associates' unique capabilities in the development of relationships with clients. In addition, Brent works with Sherman's project management team through development, financing, and construction.

**Brian Woolsey** is executive director at Cushman & Wakefield/NorthMarq. Brian leads a team responsible for facilitating the delivery of real estate services in the areas of tenant representation, transaction management, portfolio administration, strategic planning, and project management to multinational and multimarket clients. He is the top-performing broker in the Minneapolis office and is in the top 3 percent nationally.

**E50. Capacity 209, Housing Advocacy****Housing for the One and the Many**

1.5 LUs

Given the increasing popularity of both collective living and efficient dwelling space, housing that develops a sense of community while incorporating autonomy demands renewed attention. Individuals and families drawn to communal living arrangements are very diverse. How can various participatory processes engage a cross-section of prospective residents to form authentic community? How can design address, accommodate, or encourage the ongoing development of community? What are models of development and financing? This program reviews social, economic, technological, and regulatory aspects of residential development, while taking demographic trends and current case studies into account to explore significant housing and community design trends.

**Bob Lunning**, principal, Lunning Wende Associates, Inc., has over 30 years' experience in community planning, building design, and urban design, working with a variety of building types. He has participated in community planning for the Elliot Park, Whittier, and Phillips neighborhoods in Minneapolis, and Payne Phalen and District del Sol neighborhoods in St. Paul. His designs have received awards from AIA Minnesota, the Preservation Alliance of Minnesota, and others.

**Julia Robinson, FAIA, PhD**, professor, University of Minnesota School of Architecture, has been inspired by a desire for architecture to address the needs of people and society. She introduces students to the social aspects of design, including urban design, dense housing, and architectural programming. Additionally, she engages neighborhood groups, educators, planners, developers, and design professionals with her students. She is currently writing *Complex Housing: Designing for Density*, which explores the lessons to be learned from the Dutch approach to housing and urban design from the 1990s until 2010 (Routledge, anticipated 2017).

**Geoffrey Warner, AIA**, is principal architect, Alchemy, St. Paul. Geoffrey is also the founder of the weeHouse, an internationally award-winning prefab system combining "barn tech" with high tech. His design and building of the first weeHouse in 2002 presaged the current popular fascination with "tiny houses," industrial tech, and sustainable living. Alchemy's weeHouse program has developed since 2003 to illustrate progressive thinking about the luxury of less, an architecture of simplicity, and an efficient but celebratory use of materials.

2:00 p.m.–3:30 p.m.

**E51.** Capacity 72, EP Track

## Navigating the ARE Transition

Co-sponsored by the AIA Minnesota Architect Licensing Advisory Committee

1.5 LUs

With the November 1 launch of ARE 5.0, and ARE 4.0 continuing into 2018, what is the best way to navigate through this opportune—but potentially confusing—time? NCARB will review the new ARE 5.0 test and a panel will discuss the testing transition options. Hear the real facts, share your concerns, ask questions, and walk away better prepared to succeed in testing. Licensure candidates, as well as AXP supervisors, are encouraged to attend and be a part of this informative discussion.

**Kyle Burr** is the University of Minnesota Student Licensing Advisor. Kyle plans to begin and complete his test-taking in ARE 5.0.

**Michelle Cohn, AIA, NCARB, LEED AP BD+C**, joined NCARB in 2014 as a manager in examination development. Her work focuses on the development of ARE 5.0 and continued support of ARE 4.0, as well as outreach events on the importance of licensure.

**Doreen Frost**, executive director, Minnesota Board of AELSLAGID, will be available to answer questions pertinent to licensure in Minnesota.

**DJ Heinle, AIA**, Education/Government market manager, TKDA, is the Minnesota State Licensing Advisor, co-chair of the AIA Minnesota Architect Licensing Advisory Committee, and a licensing advisor for his firm.

**Kyle Palzer, Assoc. AIA**, Kodet Architectural Group, is a co-chair of the AIA Minnesota Architect Licensing Advisory Committee and licensing advisor for his firm. Kyle is strategically using both the ARE 4.0 and the ARE 5.0 formats for his test-taking.

**Meg Parsons, AIA**, Cunningham Group Architecture, Inc., is the licensing advisor for her firm, and a Governor-appointed, architect member of the AELSLAGID board. Meg is a past-chair of the AIA Minnesota Architect Licensing Advisory Committee.

**E52.** Capacity 108, Workshop, EP Track

## 21st-Century Regional Development: Opportunity, Barriers, and Value

Co-sponsored by the AIA Minnesota Sustainable Regional Development Task Force

1.5 LUs HSW

21st Century Development is that which provides a healthy environment for all people and living systems, now and in a dynamic future. AIA Minnesota and a variety of partners, including the University of Minnesota Center for Sustainable Building Research (CSBR), are working with the McKnight Foundation to research the use of 21st Century Development

strategies—ranging from green to sustainable to restorative and regenerative—and the barriers that keep these strategies from being implemented on a regional scale. Research findings, including models and examples and potentially key learnings from original survey research, will be shared. This program will be a facilitated discussion, with the audience engaged in exploring models of development and how barriers might be overcome.

**Richard Graves, AIA**, is the director of the Center for Sustainable Building Research and an associate professor in the University of Minnesota College of Design. He has a long history of working on ecologically sustainable building and planning. From 2012 to 2014, he was the executive director of the International Living Future Institute, leading the operations and strategic efforts around all of the institute's signature programs. Before joining the institute, he was the senior vice president for Community and Education with the U.S. Green Building Council.

**Jeffrey Mandyck, AIA**, is a design principal at Cunningham Group Architecture. In his 21 years of practice he has served as the design lead on several award-winning projects. As an adjunct professor at the University of Minnesota School of Architecture, Jeff teaches design studios emphasizing integration of architecture, infrastructure, and the environment. Currently, he serves as the co-chair of the AIA Minnesota's Committee on Design and co-chair of the AIA Minnesota/McKnight Foundation Sustainable Regional Development taskforce.

**Jesse Turck, AIA**, is an architect and project manager at BWBR working primarily on healthcare and higher education projects. He is the longest running member of BWBR's Performance Design Group and tracks and reports project energy data for the AIA 2030 Commitment. He currently serves as co-chair of the AIA Minnesota Committee on the Environment and is a graduate of AIA Minnesota's Leadership Forum. Jesse received climate training from former vice president Al Gore through the Climate Reality Project.

**E53.** Capacity 280

## From Lab to Home—Buzzworthy Designs for Pollinator Health

1.5 LUs HSW

Pollinators are responsible for bringing a third of our food to our table but their future is in jeopardy. The effort to sustain them begins with research and extends to public outreach, to encourage communities to help by creating pollinator-friendly environments. The University of Minnesota now has two new buildings to support this cause. Scientists at the Bee Lab now have a new 10,000 square foot research facility for honey extraction, observation hive space, offices, and equipment in St. Paul. The Arboretum has a new Pollinator Discovery Center for educational outreach, designed to engage with and educate the public about pollinators and their habitat needs. The landscape at both facilities provides rich habitat for pollinators and stimulates the pollination of new landscape design concepts ideas.

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THURSDAY, NOVEMBER 10 (Student Day)

2:00 p.m.–3:30 p.m.

**E53. (continued)**

**Eric Amel, AIA**, is an associate with MSR Design, adjunct assistant professor in Architecture at the University of Minnesota, and Ralph Rapson Traveling Scholarship Fellow. Eric led planning, design, and construction of the Tashjian Bee and Pollinator Discovery Center as the first SB 2030 Energy Standard component of a new farm-to-table learning and demonstration campus at the Minnesota Landscape Arboretum.

**Mya Kesler, ASLA**, Cuningham Group Architecture, Inc., brings her background in ecological science, and extensive plant knowledge to her work, designing landscapes that support bees and other wildlife in addition to providing other valuable ecosystem services. While getting her Masters of Landscape Architecture from the University of Minnesota, she founded a Student Pollinator Group and was awarded the Women in Landscape Architecture's 2016 Student Leadership Award. Mya did her capstone thesis on creating pollinator habitats in urban areas.

**Joan MacLeod, ASLA, LEED AP**, is vice president of Damon Farber Landscape Architects. Joan has practiced landscape architecture within the Twin Cities for the past 25 years. Recent projects include the Minnesota Landscape Arboretum Tashjian Bee and Pollinator Discovery Center and the University of Minnesota Bee Research Laboratory. Joan is a contributor to ASLA's response to the Federal Strategy to Promote Healthy Honeybees and Other Pollinators, the Minnesota Food Access Planning Guide, providing strategies for integrating pollinators into comprehensive plans.

**Anna Pravinata, AIA, LEED AP BD+C**, is a principal at Allliance. Anna has dedicated much of her professional career to designing leading-edge research facilities for both corporate and academic institutions. Anna has a deep admiration for researchers whose work foster discoveries to tackle today's challenges—from cancer and heart disease, to robotics, and to bee research. Anna utilizes her strengths in comprehensive planning, client communication, and design and construction team management to translate clients' needs into exceptional research environments.

**Marla Spivak** is a MacArthur Fellow and McKnight Distinguished Professor in Entomology at the University of Minnesota. Her research efforts focus on breeding bees for their natural defenses against diseases and parasites, and on propagating floral rich and pesticide-free landscapes to support the nutrition, health and diversity of all bee pollinators.

**E54. Capacity 209****Exploring the Future of Specifications**

Co-sponsored by the Construction Specifications Institute, Twin Cities

1.5 LUs

No one went to school to learn about specifications, and architecture schools say little about them. And yet large firms typically have specialists whose main job is to write specifications. A growing problem seems to be that many of those specifiers are soon to retire. If schools don't teach about specifications and firms don't train, where will new specifiers come from? Do we really need them anymore? Won't the building model contain all the information? This program will talk about the education and training required for specifiers, discuss the value of specifications and specifiers, and explore the future of specifications.

**Alana Sunness Griffith, FCSI, CCPR**, is vice president of marketing for Empirehouse, Inc. She has over 40 years of wide-ranging experience in the glass and glazing industry. Alana served as the CSI national president in 2000, and in 2014 was the first woman in CSI's history to be being presented with its Distinguished Member honor.

**Gerhard Guth, AIA, CCS, LEED AP BD+C**, specifier for HGA Architects and Engineers, has over 29 years in the architecture profession. He is a member of the local CSI chapter Certification Committee and combines this with membership in the local USGBC chapter, therein integrating sustainability features and goals within HGA's specifications. Gerhard is co-chair of the AIA Minnesota Building Codes Committee.

**Andrew Marolt, CSI, CCS, LEED AP**, is the specification leader at Ryan A+E, Inc. He has more than 16 years' experience writing construction specifications at large architecture firms including HGA Architects and Engineers and AECOM/Ellerbe Becket. Andy has developed green building material selector tools and worked on greening master specifications for various rating systems and green building codes.

**Rachael Spires, AIA, CSI**, is a specification writer and code enthusiast at BWBR. Rachael was introduced to specifications at the age of 19 and hasn't been able to tear herself away from them since. She serves as president-elect for AIA St. Paul and is a mentor through the University of Minnesota College of Design Mentor Program.

**Sheldon Wolfe, FCSI, CCS**, has been an architect and a specifier for more than 30 years, the last 20 at BWBR. He has written hundreds of articles about specifications and other construction documents, the practice of specifying, the construction industry, and the changing role of the architect.

3:45 p.m. – 5:15 p.m.

**E55.** Capacity 600, EP Track

**Keynote Address:**

**Award Jurors Show and Tell**

Co-sponsored by the AIA Minnesota Committee on Design

1.25 LUs



**Julie Eizenberg, FAIA**, founding principal of Koning Eizenberg Architecture, leads investigations that reframe the way we think about conventional building typologies. Her forthcoming book, *Urban Hallucinations*, takes on the idyll of “local” and “neighborhood” through the design of recent projects in the Los Angeles region. Under her leadership, Koning

Eizenberg has earned more than 135 design and sustainability awards and been widely published. The practice has been honored as AIA California’s Firm of the Year, and Eizenberg and founding partner Hank Koning were awarded the 2012 AIA Los Angeles Gold Medal in recognition of a lasting influence on the theory and practice of architecture.



**Sheila Kennedy, FAIA**, is an American architect, innovator, and educator. She is professor of the Practice of Architecture at MIT and a founding principal of KVA Matx, an interdisciplinary practice that designs architecture, urbanism, and resilient infrastructure for emerging public needs. Designated as one of *Fast Company’s* emerging

Masters of Design, Kennedy is described as an “insightful and original thinker who is designing new ways of working, learning, leading, and innovating.” Kennedy is the 2015 recipient of the Rupp Prize, one of the most significant awards in architecture, and the 2014 Design Innovator Award. Recent work at KVA Matx includes the RiverFIRST Minneapolis Riverfront Initiative, a five-mile sustainable urban riverfront development project; the new East 34th Street Ferry Terminal and waterfront development in Manhattan; and the Soft House carbon neutral work/live residential development in Hamburg, Germany.



**Patricia Patkau, Hon. FAIA**, is a partner in the firm of Patkau Architects in Vancouver, British Columbia. The work of her firm focuses on the intricacies of local cultures, the specificities of places, and the material imaginations of construction. Throughout her career, Patkau has been engaged in both teaching and professional practice.

She is currently professor emerita at the School of Architecture and Landscape Architecture at the University of British Columbia. She is a recipient of the Tau Sigma Delta Gold Medal for exemplary commitment to architectural education and the practice of architecture. In conjunction with her partner, John Patkau, she received the Royal Architectural Institute of Canada’s Gold Medal in 2009. She is also a Member of the Order of Canada.

5:15 p.m. – 6:30 p.m.

**E56.**

**Member Reception**

Wind down your day with a drink and light bites, networking and socializing with new and old colleagues. Meet the 2016 AIA Minnesota Honor Award jurors and find out if you are a winner of one of the Minnesota Architectural Foundation raffle prizes.

**Save the Date: Awards Celebration**

Mark your calendar now and plan to attend this end-of-the-year celebration to recognize AIA Minnesota’s 2016 award recipients. Awards presented include the Young Architect Awards, 25 Year Award, Special Awards, Louis Lundgren Award, Affordable Housing Design Award, Honor Awards, and the Gold Medalist.

To make your reservation, go to: [www.aia-mn.org/events/awards](http://www.aia-mn.org/events/awards)

8:00 a.m.–10:00 a.m.

E57. Capacity 410, EP Track

**Keynote and Breakfast:****Redesigning Leadership**

Co-sponsored by the Minnesota Architectural Foundation and AIA Minneapolis

1.0 LUs

Author and entrepreneur Courtney Martin will explain why bias still exists and what's being done to surface and combat it. She will explore how organizational culture and structure dynamics play a role in keeping architecture so white and male. In the midst of the issues raised by the 2016 presidential campaign, not to mention Black Lives Matter, the time has never been more ripe for this discussion. But we need to move beyond finger-pointing and look at the origins of and the fixes for such problems as continued pay disparity and the lack of diversity in leadership, among others. Courtney's aim will be to leave the audience smarter, but also more self-reflective: Each of us has an ethical stake in being part of the solution.



**Courtney E. Martin** is an author, entrepreneur, and weekly columnist for On Being. Her latest book, *The New Better Off*, explores how people are redefining the American Dream (think more fulfillment, community, and fun; less debt, status, and stuff). Courtney is the co-founder of the Solutions Journalism Network and a strategist

for the TED Prize. She is also co-founder and partner at Valenti Martin Media and FRESH Speakers Bureau, and editor emeritus at Feministing.com. Courtney has authored/edited six books, including *Do It Anyway: The New Generation of Activists*, and *Perfect Girls, Starving Daughters: How the Quest for Perfection Is Harming Young Women*. Her work appears frequently in national publications such as the *New York Times* and the *Washington Post*. Courtney has appeared on the *Today* show, *Good Morning America*, *MSNBC*, and *The O'Reilly Factor*, and speaks widely at conferences and colleges. She is the recipient of the Elie Wiesel Prize in Ethics, and a residency from the Rockefeller Foundation's Bellagio Center.

10:15 a.m.–11:45 a.m.

E58. Capacity 410, Workshop

**A Roadmap to Creating Diversity, Inclusion, and High Performance**

1.5 LUs

Many organizations are asking how to create a diverse and inclusive culture within their organizations. Attend this session and discover the groundbreaking approach Autodesk is using.

Through this highly interactive workshop, participants will learn what diversity and inclusion mean in the context of an organization, discover key business drivers for their own companies, and identify the key steps in creating an inclusive culture. Participants will also learn, through an experiential exercise, how inclusion and exclusion take place, and come away with a set of action steps that they can put into practice when they return to the workplace.

**Danny Guillory** is head of Global Diversity and Inclusion for Autodesk. His goals and responsibilities include partnering with people throughout the organization to develop a definition of diversity and inclusion. Through Danny's leadership, Autodesk is establishing a global diversity council and a long-term diversity strategic plan, implementing diversity and inclusion competency assessments, and conducting workshops on creating an inclusive culture. Previously, Danny spent 20 years at Innovations International, developing diversity and inclusion initiatives at organizations including HP, Apple, and Disney.

E59. Capacity 209

**Minnesota's Modern Masters: Oral Histories in Architecture**

Co-sponsored by the Minnesota Society of Architectural Historians

1.5 LUs

Oral histories are an important tool for preserving design stories from the recent past. Partially funded by a Minnesota Legacy Grant, the Minnesota Chapter of the Society of Architectural Historians recently completed eight video interviews with leading modern-era Minnesota architects, the younger architects who worked with them, and the journalists who wrote about them. Through case-study interviews, this program will illustrate how accessible, well-edited oral histories can benefit future generations. We will share lessons learned and demonstrate oral-history techniques as adapted specifically to the profession of architecture. During this session, we will share edited video conversations with interviewees such as: George Rafferty, FAIA, and Craig Rafferty, FAIA; Milo Thompson, FAIA, with Fredrick Bentz, FAIA; David Salmela, FAIA; Ed Kodet, FAIA; Gar Hargens, FAIA, who worked with Elizabeth Close, FAIA; and writer/journalists Bette Hammel and Linda Mack.

**Jane King Hession**, an architectural historian and curator specializing in modernism, is a founding partner of Modern House Productions and a former president of the Frank Lloyd Wright Building Conservancy. She is the author of *The Frank Lloyd Wright House in Ebsworth Park*, and co-author of *John H. Howe, Architect: From Taliesin Apprentice to Master of Organic Design*; *Frank Lloyd Wright in New York: The Plaza Years, 1954-1959*; and *Ralph Rapson: Sixty Years of Modern Design*.

**Frank Edgerton Martin** is a writer and landscape historian who has written extensively on suburban history, landscape architecture, and historic preservation. He is a contributor to the "Streetscapes" column of the *Star Tribune* and is a regular writer for *Architecture MN*.

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**10:15 a.m.–11:45 a.m.****E59.** (continued)

**Gary Reetz, FAIA**, vice president, HGA Architects and Engineers, is chair of MNSAH Modern Masters. He has made a lifelong commitment to architecture for arts and culture. His work includes museums, performing arts centers, studio-arts spaces, concert halls, and theaters for colleges, universities, and civic communities.

**E60.** Capacity 480

### Are Minnesota Projects on Target for the 2030 Challenge?

1.5 LUs | HSW | GBCI

The green building community has widely embraced the Architecture 2030 Challenge: that all new buildings should be net-zero energy consumption by 2030. Are projects being constructed in Minnesota on track to meet the goals of the 2030 Challenge? This study compares recent projects that participated in Xcel Energy's Energy Design Assistance program to the Architecture 2030 goals. It analyzes achievements for different building types, locations across the state, and project completion years. Case studies of buildings meeting the challenge will also be presented, along with their predicted and actual energy use.

**Jane Opoien, EIT**, is an energy specialist with The Weidt Group, providing measurement and verification services for Energy Design Assistance projects. She joined the firm in 2015 after graduating from Minnesota State University, Mankato, with a BS in mechanical engineering, focused on building performance. Her training includes Energy Star certifications and the LEED Green Building Rating System.

**Brian C. Wass, AIA, LEED AP BD+C**, is a project manager at The Weidt Group, providing Enhanced Energy Design Assistance to architecture and engineering clients for high performance buildings. Cumulatively, his experience since joining the firm in 2005 includes over 200 projects totaling more than 22 million square feet.

**E61.** Capacity 80, Workshop

### High Performance: The Art of Staying Relevant

Co-sponsored by the Society for Design Administration, Minneapolis/St. Paul

1.5 LUs

Today there is enormous pressure on individuals and organizations to achieve and sustain relevancy to be successful. There are eight steps leaders take to create high performance for themselves and their firms. This program will highlight the steps and share several successful strategies and tactics that you can apply to your career and business. This session is intended for firm owners and architects as well as licensing candidates.

**James Nicholas (Nick) Ruehl, AIA**, president of Ruehl + Associates, advises high-performing organizations in strategic planning, leadership development, team building, and innovation. He is a valued resource to the A/E/C industry, having over 40 years of experience in design, project management, client development, and firm ownership/leadership. Prior to forming Ruehl + Associates in 2005, he was a managing principal of an architecture, engineering, and construction management firm. Nick also served four terms as mayor of Excelsior, MN.

**E62.** Capacity 280

### Evaluating Historic Wall Systems for Adaptive Reuse Projects

1.5 LUs | HSW

Some of the most significant inherent challenges of repurposing historic structures are found within the exterior building enclosure. This presentation will evaluate typical historic wall systems and modern interventions including the addition of insulation and modern roofing systems, window replacement, and options for below-grade waterproofing. Case studies of a number of prominent Twin Cities' historic structures, including the Minnesota State Capitol and the Pillsbury A Mill, will illustrate successful and unsuccessful modifications, as well as the techniques used for analyzing enclosure materials, including close-up investigation, laboratory testing, and computer simulations.

**Chelsea Karrels, AIA**, Wiss, Janney, Elstner Associates, Inc., has worked on a variety of projects involving the investigation and design repair of distressed materials and assemblies in both contemporary and historic structures. Her responsibilities include inspections of existing buildings, repair designs, development of construction documents and written reports, and construction observation services. Chelsea performs evaluations of brick, masonry, stone, concrete, metal panels, stucco, copper roofing, and glass curtain walls.

**Paul Whitenack, AIA**, associate principal, Wiss, Janney, Elstner Associates, Inc., specializes in the evaluation and repair of building enclosure systems, with many of his past projects involving historic structures and adaptive reuse projects. His restoration projects have involved terra cotta, brick, and stone masonry and their underlying support systems; wood and steel sash windows; copper roofing; cast iron structural elements; and exterior woodwork.

10:15 a.m.–11:45 a.m.

**E63.** Capacity 100, Workshop

## Practical Applications of Virtual Reality (VR) in Architecture

1.5 LUs

With the emergence of consumer-ready, virtual-reality (VR) equipment and off-the-shelf, architectural-focused supporting software, this year marks the beginning of VR in mainstream architectural practice. This presentation will provide an overview of various VR delivery methods, such as Google Cardboard, Samsung's GearVR, Oculus Rift, and HTC Vive. Perhaps more important than the hardware, the dynamic experienced within multidisciplinary design teams and with clients will be discussed. Attendees will have the opportunity to experience VR on real-life, Minnesota-based, design projects including healthcare, hospitality, education, residential, and commercial building types.

**Rick Carter, FAIA, LEED Fellow**, is senior vice president and leader of the Integrative Design Team at LHB, where his primary responsibilities include business development, project leadership, and sustainable design on major projects. Rick has been deeply engaged in LHB's Virtual Reality efforts since the conversation started. He has encouraged internal staff to embrace the forward thinking technology and promote the multitude of uses to clients.

**John Dwyer, AIA**, is the co-founder of D/O, a research-based firm with a focus on the integration of buildings and landscapes. He is also the author and program manager of the new B.Arch degree program at Dunwoody College of Technology. John actively integrates 3D software representation and fabrication methods, including virtual reality, into both academic and professional work.

**Colin Oglesbay** is the managing principal of D/O. His work, research, and writing focus on discovering new and innovative methods to link nature and buildings. Colin's projects range in scale from integrated campus planning to off-the-grid outhouses that purify local water. Colin teaches at the University of Minnesota and guest lectures at Dunwoody College.

**Stuart Shrimpton**, LHB, works on a variety of housing, commercial, and education projects. He is part of the core of people within the company exploring the possibilities of Virtual Reality. Stuart has facilitated the introduction and discussion of VR technology with several clients, drawing on his knowledge of design and document development processes in the BIM-dominated age.

**Daniel John Stine, CSI, CDT**, is an architect and BIM manager at LHB. Daniel provides training and support for all disciplines of Autodesk and Revit (Architecture, Structure and MEP), AutoCAD Civil 3D, and AutoCAD. He helped to implement the use of Virtual Reality across the firm: architecture, interior design, MEP, Bridge, Civil and Pipeline. Additionally, Daniel is an author of technology textbooks, and an instructor at Lake Superior College and NDSU.

12:30 p.m.–3:00 p.m.

**E64.** Capacity 30, Tour

## Explore Hennepin Church—From Basement To Belfry

1.5 LUs



Hennepin Avenue United Methodist Church (HAUMC), known for its landmark tall steeple, is celebrating the 100th anniversary of the opening of its sanctuary this fall. This tour of the building will include a review of the original blueprints, a history of the building, a discussion of the challenges to maintaining a 100-year old landmark building, and then a tour of the facility from the furnace in the basement to the belfry in the steeple.

o An additional fee is required. Shuttle bus transportation and a boxed lunch is provided.

**Bryant Holmstrom**, director of maintenance and facilities for HAUMC, will lead this tour.

12:30 p.m.–4:30 p.m.

**E65.** Capacity 30, Tour

## Old, New, Renewed: Architecture Along the Lightrail in Downtown Minneapolis

2.25 LUs

Co-sponsored by the Preservation Alliance of Minnesota

Downtown Minneapolis offers a wealth of architectural sites—old, new, and renovated—worthy of our consideration and attention. This tour is organized along MetroTransit's lightrail lines and the Minneapolis skyway system. Dress appropriately for November weather as we'll be outside now and then. We will see and go into important buildings in the Warehouse District, at the Nicollet Mall, and near the Government Plaza, with Target Field as the afternoon's bookend.

o An additional fee is required. Shuttle bus transportation and a boxed lunch is provided.

**Kristin Anderson** will be the tour guide. She is a professor of art at Augsburg College, where she teaches art history and architectural history. One of her most popular courses is about the architectural and urban history of the Twin Cities, and it is taught entirely through walking tours at various historic sites. A specialist in sport venues, she is writing a book on the history of sports facilities in the Twin Cities.

## HOW TO REGISTER

### Register early!

All Pre-Registration ends November 1, 2016. Registration will resume on November 8 at the Convention Center at which time a late fee will be assessed (\$15 members and \$25 non-members).

### Register online (recommended)

If you are paying by credit card, online registration is simple, speedy and secure! Registration online also ensures immediate feedback and confirmation on all events.

### SKIP THE FORM BELOW AND REGISTER ONLINE TODAY!

[www.aia-mn.org/registration/](http://www.aia-mn.org/registration/)

### Start here to register by mail/fax/email only:

To register by mail/fax/email, please complete the entire form, pages 30–32. You can mail your completed form with check to AIA Minnesota, 275 Market Street, Suite 54, Minneapolis, MN 55405. If you prefer to fax or email your registration, you must pay by credit card, and send with completed form to Amber Allardyce: 612-338-7981 (fax) or allardyce@aia-mn.org. Do not fax or mail or email after November 1, 2016.

#### A) SELECT YOUR REGISTRATION PACKAGE & RATE

There are four choices for registration—check package & rate

##### 1. Full Convention Registration

Enjoy four days of seminars during the Convention, including E12 & E57. Please indicate on pp 31–32 which seminars you plan to attend. Review Section C to add events with additional fees (tours).

\$280 Member\*  \$395 Non-Member

*Register online and receive a \$15 discount off this package.  
\$265 Member / \$380 Non-Member*

##### 2. Create-Your-Own Package

Choose any number of seminars. Please indicate on pp 31–32 which seminars you plan to attend. Additional fees are required for E12 & E57 (see Section B) and Tours (see Section C).

\$72/seminar, Member\*  \$107/seminar, Non-Member

##### 3. Emeritus Member Registration

AIA Emeritus members can choose any number of seminars, including E12 and E57. Please indicate on pp 31–32 which seminars you plan to attend. Review Section C to add events with additional fees (tours).

\$140

##### 4. Student Full Registration

Choose any number of seminars. Please indicate on pp 31–32 which seminars you plan to attend. Additional fees are required for E12 & E57 (see Section B) and Tours (see Section C).

\$25

#### B) ADD-ONS FOR PACKAGE 2 OR 4

If you selected Package 2 or 4, please indicate if you plan to attend the following events with a meal, for an additional fee.

E12. Member Congress and Lunch, \$25

E57. Redesigning Leadership, \$25

#### C) EVENTS WITH ADDITIONAL FEES (TOURS)

The following tours are offered at an additional fee. Lunch is included for all except E15. Fee includes round trip shuttle bus from Convention Center for all tours except E48.

E15. US Bank Stadium Tour, \$40

E27. HDR/Perkins+Will Office Tour, \$30

E48. Urban Sketchcrawl, \$30

E64. Hennepin Church Tour, \$40

E65. Architecture Along the Lightrail Tour, \$65

#### TOTAL AMOUNT

Add selections from A-C

\$
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CONTINUE FORM ON NEXT PAGE >

\*See organizations that qualify for member rate on page 31.

**REGISTRATION** (Form for mail/fax/email only)**D) PERSONAL & PAYMENT INFORMATION**

Name: \_\_\_\_\_

(If applicable, please indicate AIA, FAIA, or Assoc. AIA, etc.)

AIA Member #: \_\_\_\_\_

OR write in associated membership: \_\_\_\_\_

(see qualifying list below)

Firm: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

(required to receive confirmation)

Total Amount Due \$ \_\_\_\_\_

Method of Payment (check one)

 Check (enclosed)  MC  Visa  AmEx  Discover

Account Number: \_\_\_\_\_

Exp Date: \_\_\_\_\_ CVV/CID: \_\_\_\_\_

(registration cannot be processed without expiration date listed)

Name on Card: \_\_\_\_\_

(if different from above)

**Member Rates**

Members of the following organizations may register at the Member rate: AIA, ACEC, AGC, APA, ASID, ASLA, AWI, BOMA, CHSA, CMAA, CSI, IALD, IFDA, IFMA, IIDA, IMI, MSPE, NOMA, PAM, SAH, SDA, SLUC, SMPS, ULI, USGBC

**Accommodation Requests**

If you have accommodation requests, such as dietary restrictions, sign language interpreters, or accessible seating, please contact AIA Minnesota by November 1, 2016 to ensure accommodations.

**Convention Registration Cancellation/Refund Policy**

Cancellation requests must be received in writing on or before November 1, 2016. Please e-mail or fax your request to: allardyce@aia-mn.org; fax: 612-338-7981. There is a \$50 cancellation fee. Refunds (minus the cancellation fee) will be processed via your method of payment. No refunds will be offered after November 1, 2016. Questions? Contact Amber at AIA Minnesota, 612-338-6763 or allardyce@aia-mn.org.

**E) CHOOSE YOUR EVENTS**

Indicate which events you plan to attend. Closed seminars will be posted on the AIA Minnesota website at [www.aia-mn.org](http://www.aia-mn.org). Please note: Access to the Exhibit Hall is FREE to all.

**Program times may overlap. Choose carefully, noting start and end times.**

**Tuesday, November 8****8:30 a.m.–11:30 a.m.** E1. ARE Review—Programming, Planning & Practice**8:30 a.m.–10:00 a.m.** E2. Learning from Landscape Architects: Effective Stakeholder Engagement for Public-Realm Design E3. Supporting Energy Design Performance and Code Compliance E4. Attract, Engage, Retain, Promote: Tools for Equitable Practice E5. Minneapolis T3 Office Building: A Story of Heavy Timber Construction E6. Designing with Large Format Tile**10:15 a.m.–11:30 a.m.** E7. Practical, Code-Compliant Detailing for Mid-Rise Wood Structures E8. US Bank Stadium: Building Code Challenges E9. Tools and Strategies for Implementing Equity and Diversity in Practice E10. Traditional and Contemporary Residential Case Studies E11. A CHSA Two-in-One Program**11:45 a.m.–2:15 p.m.** E12. Member Congress and Lunch (add'l fee may apply, see Section B)**2:30 p.m.–4:00 p.m.** E13. Keynote Address: The Ecological City: The Transformative Public Spaces of James Corner Field Operations**4:00 p.m.–6:00 p.m.** E14. Exhibit Hall: Opening Night Celebration—Free**6:15 p.m.–8:30 p.m.** E15. Tour: U.S. Bank Stadium (add'l fee, see Section C)**Wednesday, November 9****8:00 a.m.–10:00 a.m.** E16. Ethical Expectations of Leadership for Architects**8:30 a.m.–11:30 a.m.** E17. Continuous Exterior Insulation: Design Considerations for Improved Durability and Energy Performance E18. Client Relations: The Art of Winning and Keeping Satisfied Clients

CONTINUE FORM ON NEXT PAGE &gt;

**REGISTRATION** (Form for mail/fax/email only)**Wednesday, November 9 (continued)****8:30 a.m.–10:00 a.m.**

- E19. Low Rise / High Density
- E20. The Value of Energy Analysis, from Design Day One
- E21. Demystifying Free-Address Seating Anxiety—Designing for Ultimate Collaboration

**10:15 a.m.–11:30 a.m.**

- E22. Public Interest Design
- E23. Design Trends in Video Walls & Digital Displays
- E24. State Designer Selection Board—Free
- E25. Mastering the Plan: History and Implementation of the Destination Medical Center Development Plan

**11:15 a.m.–2:30 p.m.**

- E26. Exhibit Hall—Free

**12:00 p.m.–2:15 p.m.**

- E27. Tour: HDR / Perkins+Will Office (add'l fee, see Section C)

**2:30 p.m.–4:00 p.m.**

- E28. Specifying Commercial Windows and Glazing Systems to Suit Your Project
- E29. Proactive Affordable Housing Policy: Why We Need It and How to Get There
- E30. ~~All New~~ Quality Review Process
- E31. Tips and Tricks: Effective Marketing and Communications
- E32. Well-Being: The New Frontier
- E33. Ethics of Influence: How AIA Minnesota Architects Impact Public Policy

**3:45 p.m.–6:00 p.m.**

- E34. Exhibit Hall—Free

**6:00 p.m.–7:30 p.m.**

- E35. Keynote Address: Elastic

**Thursday, November 10****8:00 a.m.–10:00 a.m.**

- E36. Skin and Bones: Breaking Facade Down to its Essence

**8:30 a.m.–11:45 a.m.**

- E37. High-Impact Communication Skills

**8:30 a.m.–10:00 a.m.**

- E38. Making a Difference Through Social Impact Design
- E39. Peeking Behind the Curtain: A Look Behind the Scenes at the Workings of Architecture Firms
- E40. Measuring Your Technology Know-How—Big Data Strategies for Digital Practice
- E41. Building Performance Modeling: Overview and Benefits

**10:15 a.m.–11:45 a.m.**

- E42. Mastering Collaboration: Awarded School of Architecture Final Projects
- E43. #ArchitectAnd: Valuing a Broader Creative Practice
- E44. B3 Guidelines Version 3: Sustainability Simplified
- E45. Design Excellence at the United States Borders
- E46. Architect/Educator: Enhancing Awareness via Community Leadership

**11:30 a.m.–2:00 p.m.**

- E47. Exhibit Hall—Free

**12:00 pm–2:00 pm**

- E48. Urban Sketchcrawl (add'l fee, see Section C)

**2:00 p.m.–3:30 p.m.**

- E49. Emerging Voices in Real Estate: Shaping an Evolving Market
- E50. Housing for the One and the Many
- E51. Navigating the ARE Transition
- E52. 21st-Century Regional Development: Opportunity, Barriers, and Value
- E53. From Lab to Home—Buzzworthy Designs for Pollinator Health
- E54. Exploring the Future of Specifications

**3:45 p.m.–5:15 p.m.**

- E55. Keynote Address: Award Jurors Show and Tell

**5:15 pm–6:30 pm**

- E56. Member Reception—Free

**Friday, November 11****8:00 a.m.–10:00 a.m.**

- E57. Keynote Address: Redesigning Leadership

**10:15 a.m.–11:45 a.m.**

- E58. A Roadmap to Creating Diversity, Inclusion, and High Performance
- E59. Minnesota's Modern Masters: Oral Histories in Architecture
- E60. Are Minnesota Projects on Target for the 2030 Challenge?
- E61. High Performance: The Art of Staying Relevant
- E62. Evaluating Historic Wall Systems for Adaptive Reuse Projects
- E63. Practical Applications of Virtual Reality (VR) in Architecture

**12:30 p.m.–3:00 p.m.**

- E64. Tour: Explore Hennepin Church—From Basement To Belfry (add'l fee, see Section C)

**12:30 p.m.–4:30 p.m.**

- E65. Tour: Old, New, Renewed: Architecture Along the Lightrail in Downtown Minneapolis (add'l fee, see Section C)