



AIA
Minnesota

Conference Registration

A'18 MN

The Minnesota Conference on Architecture

November 13-16, 2018 | Minneapolis Convention Center

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A'18 MN The Minnesota Conference on Architecture

Welcome to the Minnesota Conference on Architecture. Each year members from all over the state gather at the Minneapolis Convention Center. We learn, we network, and we celebrate. I have been coming annually for over 15 years and really enjoy the programming and reconnecting with colleagues. Please take time to visit the Exhibit Hall, where there are great products and information that make us better practitioners. It is a unique opportunity to have all that knowledge in one location.

At the Member Congress (Event T11) on the first day of the Conference, we will gather for lunch and share the implementation of the three-year strategic plan. In our first year we have implemented more public facing programs, developed new partnerships, engaged youth and introduced them to the profession, and planned for a move of AIA Minnesota office space. A lot has been accomplished in 2018, and 2019 promises to be just as exciting. I hope that you are able to join us at the Member Congress and participate in a number of exciting programs at the A'18 MN Conference.



Nathan Johnson, AIA, NOMA
AIA Minnesota President

Online Registration

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

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

Register online today!

www.aia-mn.org/registration/

CONFERENCE LOGISTICS

- o November 13-16, 2018 (Tuesday-Friday).
- o Continuing education all four days.
- o More than 65 events are scheduled during the four days of the Conference. See pages 8-34 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 4:00 p.m. - 6:00 p.m.

Wednesday 11:15 a.m. - 2:30 p.m. & 3:45 p.m. - 6:00 p.m.

Thursday 11:30 a.m. - 2:00 p.m.

Member Rates

Member rates for events 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 Conference attendees at the Hilton Minneapolis. This block of rooms will be released to the general public on October 23, 2018. Make your reservations today!

The Hilton Minneapolis
1001 Marquette Avenue, Minneapolis, MN 55403

\$145 single/double through October 23

1-888-933-5363 or 612-376-1000 Code AIA

Register online: <https://book.passkey.com/go/aiamnconvention>

EXHIBITS, ACTIVITIES & FUN

TO SEE

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

- **Gold Medal Award**
Celebrate the 2018 AIA Minnesota Gold Medal Award recipient, John Cuningham, FAIA.
- **2017 Honor Awards**
View last year's winning projects.
- **Louis Lundgren Award for Service Recipients**
See an exhibit of all who have been recognized for outstanding individual volunteerism, including the 2018 recipient, John Dwyer, AIA.
- **2018 Ralph Rapson Traveling Study Fellowship Competition**
Explore the display of this year's submissions.
- **25 Year Award**
Look for the display on Chelsea Woods in Plymouth, Minnesota, designed by Cuningham Group Architecture, Inc.
- **Close Associates Anniversary**
Celebrate 80 years with Close Associates at this display, originally at the Hennepin History Museum.

Conference Programs Committee

Much respect, appreciation, and applause goes to the eleven AIA Minnesota members who serve on our Conference Programs Committee. They meet weekly from March through August, organizing programming for one of the best architecture conferences in the country!

Co-chair of the committee, James Gaspar, Assoc. AIA, shares, "I have had the privilege of being part of an incredible collaborative group of design professionals. Each member's perspective, passion, intelligence, and humor sustain the challenging process of forging the programming of the annual conference. Their dedication to working together, with respect and compassion, made the months of weekly meetings a treat to share. I am forever grateful to have been a part of this amazing committee."

Co-chairs

Catherine Britt, AIA, LEED AP BD+C,

Cuningham Group Architecture, Inc.

James Gaspar, Assoc. AIA, U+B Architecture & Design

Jim Butler, AIA, LEED AP, RSP Architects

John Dwyer, AIA, Dunwoody College of Technology and Dwyer Oglesbay Architects

Daniel Green, AIA, Miller Dunwiddie Architecture

Michael Kisch, AIA, LEED AP BD+C, UMN Capital Planning and Project Management

Stephen Knowles, AIA, AECOM

Danyelle Pierquet, PLA, ISG

Jonathan Strand, AIA, LEED AP BD+C

Sarah St. Louis, Assoc. AIA, Peterssen/Keller Architecture

Rachel Usher, AIA, LEED AP, RSP Architects

TO DO

Other things to enjoy at the Conference include:

- **Enjoy the party and beer crawl** on Tuesday with live music provided by Charlie Bruber (bass); Joey Hays (drums); Lee Tran (sax); and Sam Rosenstone (keys).
- **Check out the pop-up bookstore** from the University of Minnesota Press and shop from a great selection of architecture-related books.
- **Buy a raffle ticket** and support the great work of the Minnesota Architectural Foundation (MAF).
- **Attend the Wednesday afternoon reception** in the Exhibit Hall for hors d'oeuvres and cash bar, sponsored by the Minnesota Concrete & Masonry Contractors Association and their exhibitors on Masonry Street.
- **Thursday is Student Day**, a great chance for current and future practitioners to connect and build community.
- **Get your headshot taken** by Ryan Siemers, Assoc. AIA, in the Exhibit Hall.
- **Sign up for one of four scheduled tours** that are part of this year's Conference.

Member Reception and Westminster Tour

Sponsored by Mortenson



Wind down your Thursday with a drink and light bites at Westminster Presbyterian Church. Network and socialize with new and old colleagues.

Meet the 2018 AIA Minnesota Honor Award jurors and find out if you are a winner of one of the Minnesota Architectural Foundation raffle items. Take a tour of the updated church, led by James Dayton Architects and Mortenson.

SPECIAL PROGRAM FEATURES

Continuing Education



AIA Minnesota is offering Continuing Education credit for programs at the Conference. All credits listed are pending AIA approval. According to our review, Conference programs marked as HSW and the two programs marked for ethics will be accepted for Minnesota's CE requirement for licensing. Take advantage of this 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. Online recording of your attendance is encouraged. Paper verification forms will be available at the Conference Registration Desk.

USGBC Minnesota



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

- T1.** The Road to WELL, Pain-Free!
- T9.** Designing to Maximize Daylighting & Views for Occupant Well-Being
- W28.** Cuningham Group Architecture, Inc. WELL Building Tour
- W31.** Architecture + Lighting Design Synergy
- TH43.** Demystifying the AIA 2030 Commitment
- TH48.** Designing for the Midwest Future: Integrating Resiliency and SB 2030
- TH52.** Professional Lighting Analysis for Architects

Ethics Credits

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

- W16.** Ethics in Ethically Challenging Times
- TH38.** The Ethics of Exploring Culture and Identity

Mastering the Future Business of Architecture (MFBA)



MFBA was introduced in 2015 with 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 2018 Conference will offer two MFBA seminars.

- T5.** Get a Grip on Your Business
- F67.** Contracts 101: Why and When You Need Them

XL Programs

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

- T5.** Get a Grip on Your Business
- T6.** Building Enclosure Design and Practice: Where the Wall Meets the Roof
- TH38.** The Ethics of Exploring Culture and Identity

Mayoral Panel on Affordable Housing

T14. Join the Mayors of Minneapolis, St. Paul and Duluth for a discussion of the challenges we face and how architects can engage to improve affordable housing options in our cities.

Workshops

Programs marked as workshops are designed to have more audience interaction, small group discussions, and/or group activities.

- T2.** Gray Area Thinking™: Welcoming Diverse Humans
- T5.** Get a Grip on Your Business
- W22.** *Architecture MN*: Re-imagining the Magazine to Grow the Value of Architecture
- W30.** Interrupting Bias to Counter Harassment and Discrimination
- TH38.** The Ethics of Exploring Culture and Identity
- TH39.** Networking: Get to the Good Stuff
- TH53.** Incorporating Design, Policy, and Finance to Increase Housing Opportunity and Affordability
- F60.** Networking Breakfast with Women in Architecture
- F65.** Social Impact Design at Three Scales

Tours

Attendance is limited and an additional fee will be charged. Plan to register early.

- W28.** Cuningham Group Architecture, Inc. WELL Building Tour
- TH50.** Dayton's Project: Untangling Life Safety Issues in a 115-Year-Old Icon
- F58.** Spero Academy K-6 Charter School
- F70.** Block Party: The Redevelopment of the Kraus-Anderson Block

Program Tracks

See pages 6-7 for a schedule highlighting the various tracks.

Sustainable Design Track

- T1.** The Road to WELL, Pain-Free!
- T7.** Designing for Occupant Well-Being with B3 IEQ Guidelines
- W28.** Cuningham Group Architecture, Inc. WELL Building Tour
- W32.** Nutrition Facts of Buildings for Energy-Efficient Design
- TH43.** Demystifying the AIA 2030 Commitment
- TH46.** Designing for Resilient Cities
- TH48.** Designing for the Midwest Future: Integrating Resiliency and SB 2030

Detailing Track

- T6.** Building Enclosure Design and Practice: Where the Wall Meets the Roof
- W27.** Designing the Edge: Corners, Canopies, and Cornices
- W35.** Divine Details

Public Interest Design Track

- T14.** Mayoral Panel on Affordable Housing
- TH45.** Affordable and Workforce Housing: A Panel Discussion
- TH53.** Incorporating Design, Policy, and Finance to Increase Housing Opportunity and Affordability
- F65.** Social Impact Design at Three Scales

Emerging Professionals Track

- W18.** ARE 5.0 Review: Construction & Evaluation
- TH39.** Networking: Get to the Good Stuff
- TH54.** Successful Design-Build Projects from MEP Engineer Perspective
- F67.** Contracts 101: Why and When You Need Them

EVENTS SUMMARY

Capacity
LU's
HSW
GBCI
Ethics

Type	Start	End	Event No. Title	Capacity	LU's	HSW	GBCI	Ethics
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TUESDAY, NOVEMBER 13

	8:30 a.m.	10:00 a.m.	T1. The Road to WELL, Pain Free!	280	1.5	•	•	
WORKSHOP	8:30 a.m.	10:00 a.m.	T2. Gray Area Thinking™: Welcoming Diverse Humans	48	1.5			
	8:30 a.m.	10:00 a.m.	T3. Glazing System Selection: A Performance-Based Approach	480	1.5	•		
	8:30 a.m.	10:00 a.m.	T4. Code Compliance Planning for Corporate Interiors	280	1.5	•		
XL WORKSHOP	9:00 a.m.	11:45 a.m.	T5. Get a Grip on Your Business	88	2.5			
XL PROGRAM	9:00 a.m.	11:45 a.m.	T6. Building Enclosure Design and Practice: Where the Wall Meets the Roof	219	2.5	•		
	10:15 a.m.	11:45 a.m.	T7. Designing for Occupant Well-Being with B3 IEQ Guidelines	480	1.5	•		
	10:15 a.m.	11:45 a.m.	T8. Designing for Inclusivity: Sensory-Friendly Spaces for a Truly Integrated Community	209	1.5			
	10:15 a.m.	11:45 a.m.	T9. Designing to Maximize Daylighting & Views for Occupant Well-Being	280	1.5	•	•	
	10:15 a.m.	11:45 a.m.	T10. both and	280	1.5			
	12:00 p.m.	2:30 p.m.	T11. Member Congress and Lunch: Working the Plan & Engaging the Public	410				
KEYNOTE	2:45 p.m.	4:00 p.m.	T12. Keynote Address: Making Connections	600	1.25			
EXHIBIT HALL	4:00 p.m.	6:00 p.m.	T13. Exhibit Hall: Opening Night Celebration—FREE					
KEYNOTE	6:00 p.m.	7:30 p.m.	T14. Keynote Address: Mayoral Panel on Affordable Housing—FREE	600	1.5			

WEDNESDAY, NOVEMBER 14

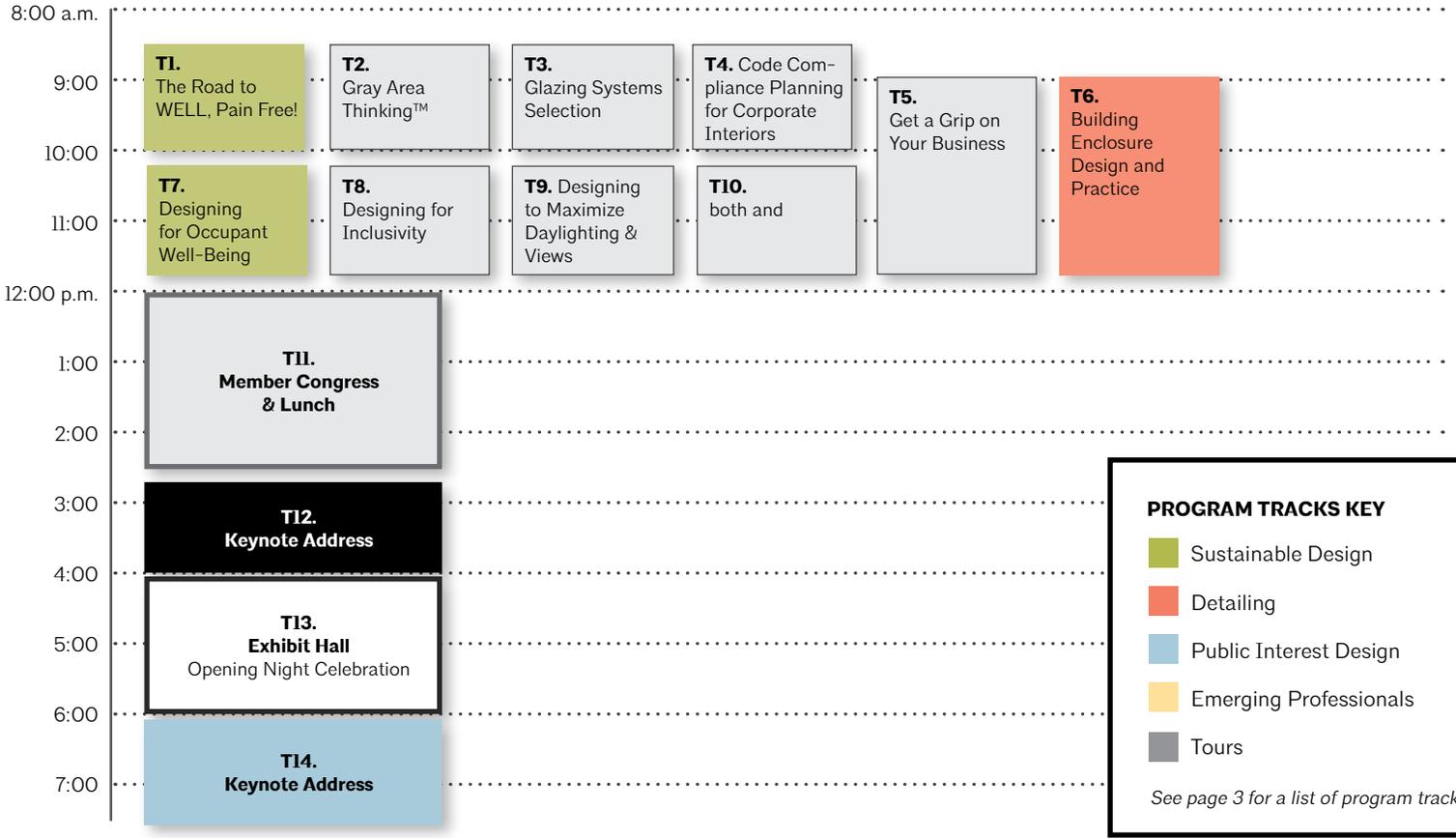
	7:30 a.m.	8:30 a.m.	W15. The AIA Minnesota Public Policy Approach and Agenda	88	1.0			
	8:00 a.m.	10:00 a.m.	W16. Ethics in Ethically Challenging Times	600	2.0			•
	8:00 a.m.	10:00 a.m.	W17. Designing Precast Concrete Parking Structures	280	2.0	•		
	8:00 a.m.	10:00 a.m.	W18. ARE 5.0 Review: Construction and Evaluation	48				
	8:30 a.m.	10:00 a.m.	W19. Was Cass Gilbert Right?	209	1.5			
	8:30 a.m.	10:00 a.m.	W20. Campuses, Airports, and Transit Stops: The Planners Behind Your Places	280	1.5			
	8:30 a.m.	10:00 a.m.	W21. How to Properly Specify an Air Barrier System	480	1.5	•		
WORKSHOP	10:15 a.m.	11:30 a.m.	W22. <i>Architecture MN</i> : Re-Imagining the Magazine to Grow the Value of Architecture	48				
	10:15 a.m.	11:30 a.m.	W23. Getting Beyond the Shell	209	1.25			
	10:15 a.m.	11:30 a.m.	W24. Natural Stone: The Original Sustainable Material	280	1.25	•		
	10:15 a.m.	11:30 a.m.	W25. Towards a New Era of Professional Training	88	1.25			
	10:15 a.m.	11:30 a.m.	W26. Both Sides Now: Architects as Owners	280	1.25			
	10:15 a.m.	11:30 a.m.	W27. Designing the Edge: Corners, Canopies, and Cornices	480	1.25	•		
TOUR	10:15 a.m.	12:00 p.m.	W28. Cuningham Group Architecture, Inc. WELL Building Tour	30	1.0	•	•	
EXHIBIT HALL	11:15 a.m.	2:30 p.m.	W29. Exhibit Hall—FREE					
WORKSHOP	2:30 p.m.	4:00 p.m.	W30. Interrupting Bias to Counter Harassment and Discrimination	48	1.5	•		
	2:30 p.m.	4:00 p.m.	W31. Architecture + Lighting Design Synergy	280	1.5	•	•	
	2:30 p.m.	4:00 p.m.	W32. Nutrition Facts of Buildings for Energy-Efficient Design	480	1.5	•		
	2:30 p.m.	4:00 p.m.	W33. Amazing Work Environments: Creating Positive Firm Cultures	88	1.5			
	2:30 p.m.	4:00 p.m.	W34. Good Design: The Developer's Perspective	209	1.5			
	2:30 p.m.	4:00 p.m.	W35. Divine Details	280	1.5	•		
EXHIBIT HALL	3:45 p.m.	6:00 p.m.	W36. Exhibit Hall—FREE					
KEYNOTE	6:00 p.m.	7:30 p.m.	W37. Keynote Address: DS+R: Working as Artists, Urbanists, and Architects	600	1.5			

EVENTS SUMMARY

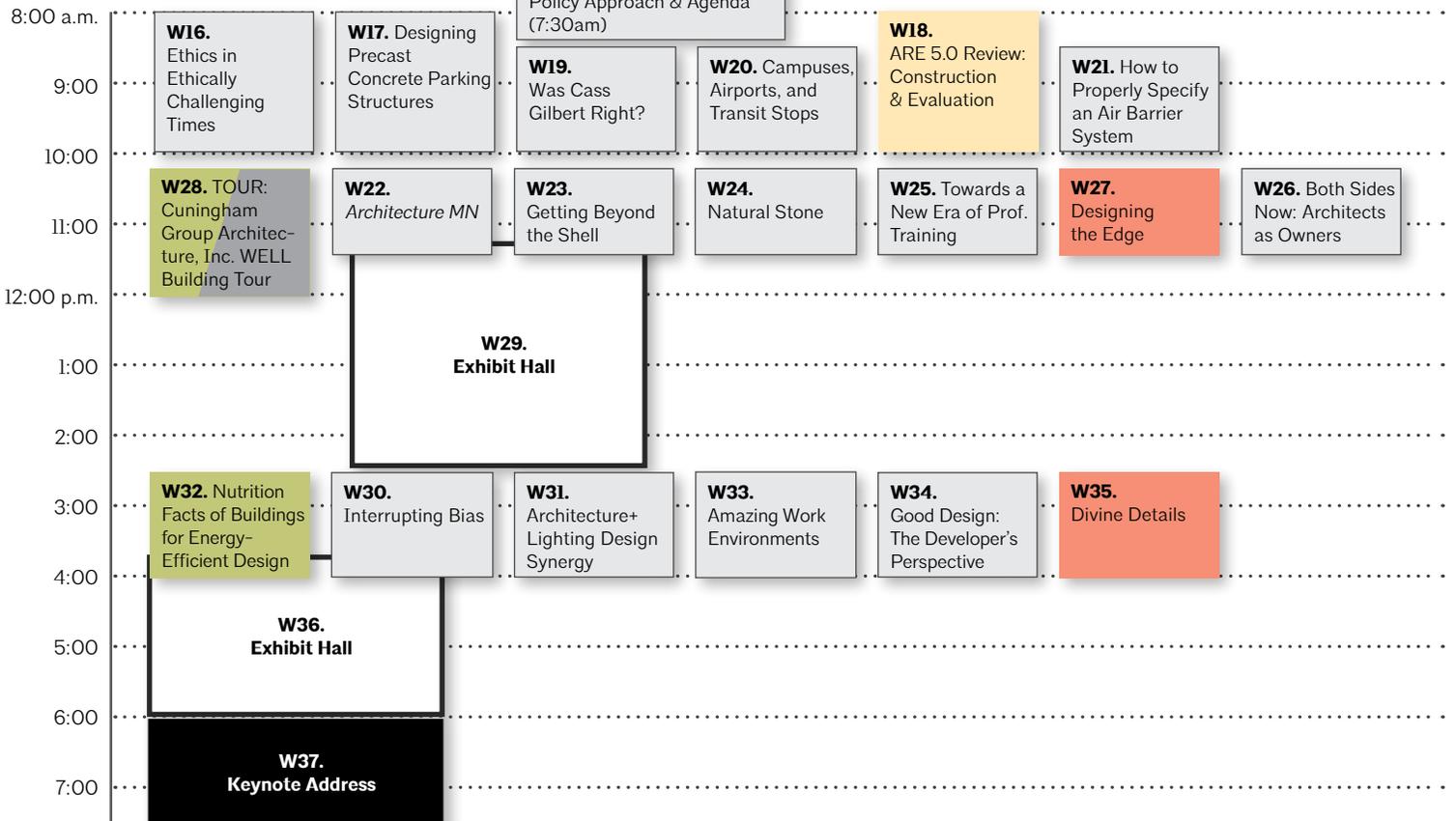
Type	Start	End	Event No. Title	Capacity	LUs	HSW	GBCI	Ethics
THURSDAY, NOVEMBER 15 (Student Day)								
	7:30 a.m.	8:30 a.m.	FB. Fellows (FAIA) Breakfast					
XL WORKSHOP	8:30 a.m.	11:45 a.m.	TH38. The Ethics of Exploring Culture and Identity	60	3.0			•
WORKSHOP	8:30 a.m.	10:00 a.m.	TH39. Networking: Get to the Good Stuff	88	1.5			
	8:30 a.m.	10:00 a.m.	TH40. The Dirt on Land Surveying	209	1.5			
	8:30 a.m.	10:00 a.m.	TH41. Rebuilding Puerto Rico	280	1.5	•		
	8:30 a.m.	10:00 a.m.	TH42. Real World Uses of Machine Learning in Design	280	1.5			
	8:30 a.m.	10:00 a.m.	TH43. Demystifying the AIA 2030 Commitment	600	1.5	•	•	
	10:15 a.m.	11:45 a.m.	TH44. 2 + 2: Achieving Outstanding Design	480	1.5			
	10:15 a.m.	11:45 a.m.	TH45. Affordable and Workforce Housing: A Panel Discussion	209	1.5			
	10:15 a.m.	11:45 a.m.	TH46. Designing for Resilient Cities	280	1.5	•		
	10:15 a.m.	11:45 a.m.	TH47. Generative Matter	209	1.5			
	10:15 a.m.	11:45 a.m.	TH48. Designing for the Midwest Future: Integrating Resiliency and SB 2030	600	1.5	•	•	
EXHIBIT HALL	11:30 a.m.	2:00 p.m.	TH49. Exhibit Hall—FREE					
TOUR	1:45 p.m.	3:30 p.m.	TH50. Dayton’s Project: Untangling Life Safety Issues in a 115-Year-Old Icon	50	1.25	•		
	2:00 p.m.	3:30 p.m.	TH51. Delivering Design Excellence: Snow Kreilich Architects, 2018 AIA Architecture Firm Award	480	1.5			
	2:00 p.m.	3:30 p.m.	TH52. Professional Lighting Analysis for Architects	280	1.5		•	
WORKSHOP	2:00 p.m.	3:30 p.m.	TH53. Incorporating Design, Policy, and Finance to Increase Housing Opportunity and Affordability	88	1.5			
	2:00 p.m.	3:30 p.m.	TH54. Successful Design-Build Projects from MEP Engineer Perspective	209	1.5			
	2:00 p.m.	3:30 p.m.	TH55. A Collaborative Approach to Dealing with Risk	280	1.5			
KEYNOTE	3:45 p.m.	5:15 p.m.	TH56. Keynote Address: Jurors Show and Tell and Announcement of Winners	600	1.25			
	5:30 p.m.	7:30 p.m.	TH57. Member Reception and Tour at Westminster Presbyterian Church					
FRIDAY, NOVEMBER 16								
TOUR	8:00 a.m.	10:00 a.m.	F58. Spero Academy K-6 Charter School	30	1.0	•		
	8:00 a.m.	10:00 a.m.	F59. Future of Healthcare: Disruptive Agents of Change	480	2.0	•		
WORKSHOP	8:30 a.m.	10:00 a.m.	F60. Networking Breakfast with Women in Architecture	90	1.5			
	8:30 a.m.	10:00 a.m.	F61. The Best in Development: What Are We Aiming For? How Do We Get There?	280	1.5	•		
	8:30 a.m.	10:00 a.m.	F62. Reality of Practice: Where is the Value?	120	1.5			
	8:30 a.m.	10:00 a.m.	F63. Cohousing: Resident-Developed Communities	280	1.5			
	10:15 a.m.	11:45 a.m.	F64. A Diverse Workforce Pipeline for the Future	209	1.5			
WORKSHOP	10:15 a.m.	11:45 a.m.	F65. Social Impact Design at Three Scales	90	1.5			
	10:15 a.m.	11:45 a.m.	F66. A Toolkit: Revealing and Reducing Toxic Materials in Multifamily Housing	280	1.5	•		
	10:15 a.m.	11:45 a.m.	F67. Contracts 101: Why and When You Need Them	120	1.5			
	10:15 a.m.	11:45 a.m.	F68. Tension & Resolution: New Ideas for Community Public Engagement	280	1.5			
KEYNOTE	12:00 p.m.	2:00 p.m.	F69. Keynote Address: Design Justice: Design as Protest	410	1.25			
TOUR	2:15 p.m.	4:00 p.m.	F70. Block Party: The Redevelopment of the Kraus-Anderson Block	30	1.5			

SCHEDULE & PROGRAM TRACKS

TUESDAY, NOVEMBER 13

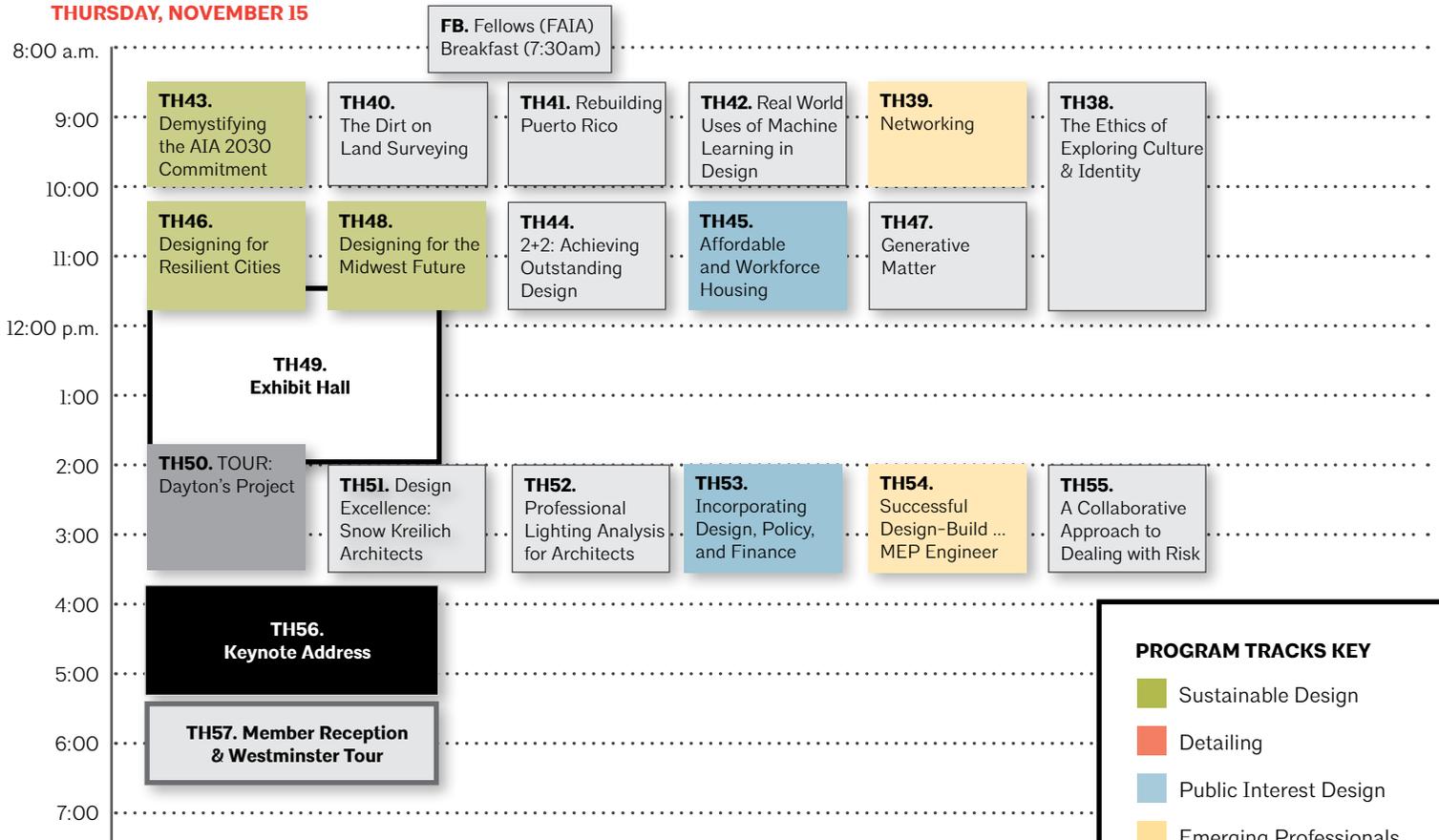


WEDNESDAY, NOVEMBER 14



SCHEDULE & PROGRAM TRACKS

THURSDAY, NOVEMBER 15

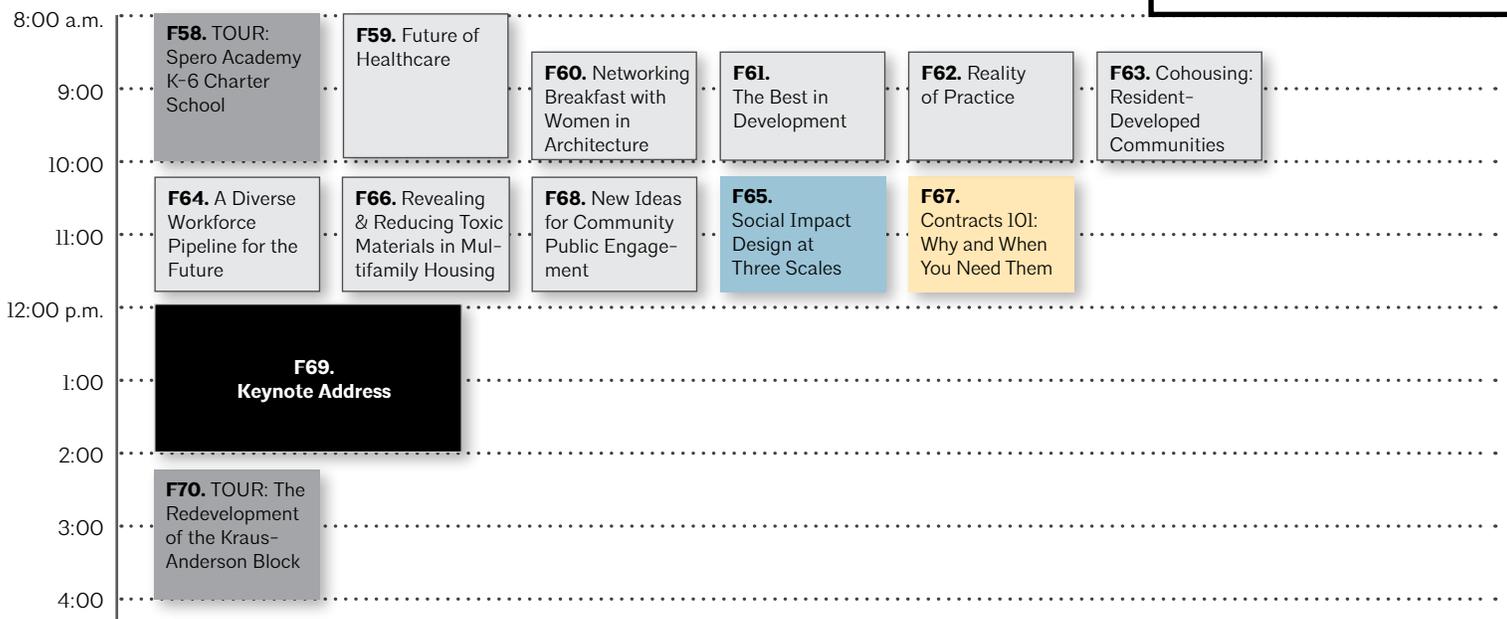


PROGRAM TRACKS KEY

- Sustainable Design
- Detailing
- Public Interest Design
- Emerging Professionals
- Tours

See page 3 for a list of program tracks.

FRIDAY, NOVEMBER 16



8:30 a.m. – 10:00 a.m.

T1. Capacity 280

The Road to WELL, Pain Free!

1.5 LUs | HSW | GBCI | Experience Level: Intermediate

This program provides a broad overview of the growing focus on health and wellness in the built environment, and how that led to the development of the WELL Building Standard. Attend this program to learn about the feature concepts of WELL along with a sampling of the preconditions and optimizations to understand what it takes to get through the process. Panelists will share tips, resources, and lessons learned from their experience with WELL projects. The program will also explain how the WELL Crosswalks feature helps reduce doubled-up efforts for projects that are pursuing more than one type of certification.

Julie Esch is a senior business development manager with Mortenson Construction. She currently leads Mortenson's business development efforts in the higher education, cultural, and public market sectors. With 20 years of experience in both economic and business development, Julie has worked on a wide variety of projects, including the Minnesota Senate Building, and the renovations of Target Center and Dunwoody College of Technology.

Jennifer Kruse is the sustainability coordinator at McGough Construction Co., Inc. She has ten years of experience in the sustainability industry and 18 years of experience in the construction industry implementing sustainability initiatives. Jennifer has accreditations in LEED AP BD+C, WELL, and is a certified FEMA Inspector. She is currently working on a project that aims to be the first core and shell building in Minnesota that will achieve both the WELL and LEED certifications.

Jacklyn Ostertag is an interior designer with Cuningham Group Architecture, Inc., working in the Grow Studio, focusing on projects in education, worship and non-profits. With seven years of industry experience, Jacki has focused on integrating sustainability and wellness into the design process. She is currently working on a project pursuing WELL certification and is an advocate for the standard gaining popularity in the industry.

Nicole VanWie, AIA, is ESG Architects VP and director of sustainability. Nicole has been creating thoughtfully designed, sustainable, multi-family and student housing for nearly 18 years. Under her leadership, ESG signed onto the AIA 2030 Commitment. Nicole's WELL AP accreditation complements her LEED AP BD+C and demonstrates her commitment to human health and well-being in the built environment.

See Event 28 for a tour of the Cuningham Group Architecture, Inc. office which was recently redesigned using the WELL Building Standard.

T2. Capacity 48, WorkshopGray Area Thinking™:
Welcoming Diverse Humans

1.5 LUs | Experience Level: Intermediate

All humans habitually categorize and group others who are "different" from "us," which often leads to polarized thinking. This program presents an innovative toolset—Gray Area Thinking—for interacting with diverse humans in a mindful, compassionate and more inclusive way. Participants will engage in discussions and activities that explore sensitive issues of labeling ourselves and others, the importance of dignity, and the role of fear and risk-taking, which help lead to an understanding of the commonalities everyone shares.

Ellen (Ellie) Krug is president and founder of Human Inspiration Works, LLC. While an Iowa civil trial attorney with 100+ trials, she transitioned from male to female in 2009 and later became one of the few attorneys nationally to try jury cases in separate genders. From 2011 to 2016, she served as the executive director of Call for Justice, LLC, a Minneapolis legal nonprofit that was conferred an American Bar Association award for innovatively increasing legal access. The author of *Getting to Ellen: A Memoir about Love, Honesty and Gender Change* (2013), Ellie currently speaks, trains and consults on diversity and inclusion topics.

T3. Capacity 480Glazing System Selection:
A Performance-Based Approach

1.5 LUs | HSW | Experience Level: Intermediate

This program will provide insight into glazing system design as it relates to wind loads, water penetration, and air tightness. Learn about simple engineering checks to confirm glazing systems will meet performance requirements. This program will also present ways to identify if the glazing system and glass selection will meet energy performance requirements.

Ryan Krug, project manager, Pie Consulting & Engineering, provides building enclosure consulting, commissioning (BECx) and forensic engineering services for a variety of clients in both the private and government sectors. Ryan has extensive experience in building envelope field performance testing including fenestrations, curtain walls, claddings, and whole-building air barrier testing.

8:30 a.m. – 10:00 a.m.

T4. Capacity 280

Code Compliance Planning for Corporate Interiors

1.5 LUs | HSW | Experience Level: Intermediate

This program will explore the unique code concerns that are integral to today's collaborative work environment in the context of the International Building Code and the International Existing Building Code as adopted and amended by Minnesota. It will focus on the available options and alternatives for balancing the design occupant load with the available capacity of the means of egress and plumbing systems. Vertical openings are addressed in the context of newly created floor openings as well as existing floor openings impacted by renovation activity.

Jay Ierardi, PhD, PE, is a partner at AKF Group, LLC and heads up the firm's Architectural Code Consulting practice. He has helped guide design teams while negotiating appropriate code compliance approaches with local building and fire officials for a wide variety of new and existing building projects that range from 1,000 sf individual tenant fit-outs all the way up to 1,000,000 sf mixed-use office towers.

9:00 a.m. – 11:45 a.m.

T5. Capacity 88, XL Workshop

Get a Grip on Your Business

Sponsored by the AIA Minnesota MFBA Committee

2.5 LUs | Experience Level: Advanced

Many of the most successful firm leaders work longer hours and get less return on their investments of time and money because they encounter some of these challenges:

- Lack of control over time, markets or the company
- People who don't listen, understand or follow through
- Profit that is inconsistent or not enough
- Hitting the ceiling on growth potential
- Quick fixes that come and go, bring little improvement but lots of frustrations

This program is intended for growth-oriented business leadership and firm owners engaging in an interactive and experience-based event. At the conclusion of this workshop, attendees will have a set of simple, practical tools that leadership teams can immediately apply to help focus on priorities, get clear on issues, and gain traction together.

Sara Stern is on a quest to help owners get what they want from their businesses. She is the former director of the Schulze School of Entrepreneurship at the University of Saint Thomas, a seasoned coach, and trained EOS Implementer. Her clients implement practical tools that help them get clear about their vision, gain traction toward that vision, and work together as a healthy team. She has been featured in *Minnesota Business*, *Twin*

Cities Business and is a regular speaker for industry associations on the topics of building an effective business, business succession, and family business.

T6. Capacity 219, XL Program

Building Enclosure Design and Practice: Where the Wall Meets the Roof

Sponsored by the Minnesota Building Enclosure Council (BEC)

2.5 LUs | HSW | Experience Level: Intermediate

Wall/roof interface details often present the greatest challenges to building enclosure continuity. Architects, general contractors, subcontractors, and enclosure consultants must negotiate the complex network of differing objectives, opinions, and materials that converge at the wall/roof interface. This negotiation is essential to the success and performance of every construction project. This program will be presented in two parts: the first devoted to the design and theory of wall/roof interface details, including methods for adaptation of recent energy code and building science developments; the second part will focus on the practice of implementing successful details, including case studies of successes and failures and the lessons learned from each.

Lori Gunderson is building development manager at Hallmark Building Supplies, Inc. She has been a Tyvek Specialist for over 12 years. She works closely with architects, general contractors, builders, and installers to help build a quality, energy-efficient building.

Greg Johnson is a glass and glazing project manager at W. L. Hall Company with over 30 years of experience. He is responsible for large, complex glazing projects. He is a craftsman in his spare time and is extremely focused on the detailing and sequencing of projects.

Chelsea Karrels Ames, AIA, senior associate at WJE, Inc. Minneapolis, specializes in the evaluation and repair of building enclosure systems from design detailing through construction observation. Chelsea also provides building enclosure commissioning services, and has earned the Building Enclosure Commissioning Process Provider (BECxP) and Commissioning Authority + Building Enclosure (CxA + BE) accreditations from UW Madison.

James R. Larson, R.A., has been a registered architect for over 45 years. For the past 27 years, he has practiced as a consultant to architects, builders, and owners doing detail development, forensics, and job site troubleshooting. He enjoys the challenge of reconciling award-winning design expressions with the ever-increasing performance requirements for construction in the 21st century.

Mohammed Lawal, AIA, is principal and CEO at Lawal Scott Erickson Architects (LSE). The firm considers architecture a building block for how we shape the culture we live within. Throughout his career, Lawal has engaged in activities to help promote racial equity in a profession that's short on diversity. In the mid-1990's Lawal launched the locally based Architectural Youth Program, established to introduce minorities, women and at-risk youths, to architecture and the design arts.

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9:00 a.m. – 11:45 a.m.

T6. (continued)

Michael L. Spence, AIA, FCSI, is vice president of Building Science at Kraus-Anderson Construction Company, Inc. With over 40 years of design and construction experience, Mike provides quality and building-science expertise and services as a technical resource for KA clients, subcontractors, and internal staff in areas of project delivery, constructability, building technology, work flow/sequencing, and installation techniques.

Paul Whitenack, AIA, is manager of Building Science at Kraus-Anderson Construction Company, Inc. After starting his career in traditional architectural design firms in Milwaukee and Minneapolis, Paul has increasingly specialized in building science and enclosure technology, with an emphasis on field investigation, forensics, and quality assurance.

10:15 a.m. – 11:45 a.m.

T7. Capacity 480**Designing for Occupant Well-Being with B3 IEQ Guidelines**

1.5 LUs | HSW | Experience Level: Entry

Designing with indoor environmental quality (IEQ) in mind can enhance the health, well-being, and productivity of building occupants. The University of Minnesota Center for Sustainable Building Research (CSBR) has led an effort to update the IEQ section of the B3 Guidelines to be released as Version 3.2. This session will provide an in-depth review of the updated IEQ section of the B3 Guidelines, explaining the intent behind the revisions related to indoor air quality, thermal comfort, lighting and daylighting, acoustics, view conditions, personal control, and physical activity. Attendees will learn how to overcome the challenges and achieve B3 Guidelines compliance.

Becky Alexander, AIA, is an architect and researcher at LHB, Inc. where she does a combination of sustainable building research and architectural design. Becky is the primary researcher for the Regional Indicators Initiative (RII), a program through the Urban Land Institute Minnesota, that tracks annual performance metrics for Minnesota cities. She also manages the online B3 Case Studies Database which tracks performance metrics and sustainable strategies used for State-funded buildings that are required to meet aggressive energy standards.

Rolf Jacobson is a research fellow at the UMN CSBR. He brings a strong interest in building science, particularly in the areas of residential energy efficiency, building assemblies, and moisture performance, to his role as a Research Fellow at the CSBR. His work at the CSBR is primarily focused on high performance affordable housing and the Minnesota B3 Guidelines.

Patrick Smith is a research fellow at the UMN CSBR. His research experience includes sustainable building policy development, utility auditing and performance evaluation, sustainable building guideline evaluation and development, sustainable building metrics, building performance benchmarking and evaluation, and the implementation of life cycle analysis in green building guidelines. His current work is primarily program development and participant assistance in the B3 and SB 2030 programs.

T8. Capacity 209**Designing for Inclusivity: Sensory-Friendly Spaces for a Truly Integrated Community**

1.5 LUs | Experience Level: Entry

In spite of our best intentions as an architecture community, people with disabilities and their caregivers are challenged on a daily basis by things most of us take for granted, including welcoming, hassle-free access to museums, schools, restaurants, and other public spaces. This informative and thought-provoking session provides fascinating insights into how architecture has played a role in hiding the disabled community from public view. Attendees will be encouraged to think deeply about the individuals who will be interacting with an environment and how to ask the right questions about inclusivity and accessibility before beginning a project, and why this is vital to creating positive and necessary change in our industry. The Walker Art Center will also share an inspiring case study about how they went above and beyond to create Sensory-Free Sundays, allowing people with disabilities and their caregivers to easily enjoy and experience the museum.

Julia Anderson is family and access programs coordinator at the Walker Art Center. Julia has worked at the Walker since January 2013. Prior to this, she was an applied behavioral analysis line therapist for an elementary-age student with Autism Spectrum Disorder and a development coordinator at the Guggenheim Museum in New York. Julia has a special interest in improving opportunities for youth and adults with developmental disabilities in cultural organizations.

Sarah St. Louis, Assoc. AIA, Peterssen/Keller Architecture in Minneapolis, has been a residential designer for over 13 years. Sarah believes that great design is intentional, inclusive, compassionate and responsible so that everyone in our society can enjoy the spaces, regardless of abilities. Sarah is also a special needs mom and has become an active advocate and volunteer for several nonprofits.

Colleen Wieck is executive director of the Minnesota Governor's Council on Developmental Disabilities of the Department of Administration, a position she has held for the past 37 years. The mission of the Governor's Council on Developmental Disabilities is to provide information, education, and training to increase the independence, self-determination, productivity, integration and inclusion of people with developmental disabilities and their families. Colleen is a primary creator of Partners in Policymaking.

10:15 a.m. – 11:45 a.m.

T9. Capacity 280

Designing to Maximize Daylighting & Views for Occupant Well-Being

1.5 LUs | HSW | GBCI | Experience Level: Intermediate

Building occupant health and well-being are becoming critical components of sound architectural design paradigms. This program will examine the various metrics of human health and well-being and examine how window and door products and options can be specified and utilized to provide functionality and assist with these design goals. The program will begin with a presentation of base information followed by an examination of best practices and challenges within this model through a panel discussion.

Bill Costello, AIA, is the division director for Elevation Homes, a division of Streeeter & Associates, an AIA award-winning architectural builder. Bill earned his Masters of Architecture from the University of Minnesota and practiced architecture in both Minnesota and California before joining the Elevation team. Bill's work, in both design and construction, has been published locally and nationally.

Christian Dean, AIA, is the owner and principal of Christian Dean Architecture, LLC, a Minneapolis-based practice focused on modern residences and commercial projects. Previously, Christian worked in the construction management field providing him with a thorough understanding of construction science and technologies. Christian was the recipient of the Emerging Talent of the Year Award in 2010. His work has been featured internationally including *Dwell* magazine's 10-year anniversary issue, '100 Houses We Love'.

Lance Premeau, business development manager, Kolbe Windows & Doors, will moderate this session.

T10. Capacity 280

both and

1.5 LUs | Experience Level: Entry

Dream The Combine is a studio within the messiness of public space, the openness of chance, and the simultaneity of experience. Metaphor influences their practice, and "both and" implies a zone where ambiguity is embraced. This presentation will highlight the trajectory of their practice with focus on *Hide & Seek*, winner of the 2018 Young Architects Program at MoMA/MoMA PSI in New York, NY.

Jennifer Newsom, AIA, LEED AP, NOMA, and **Tom Carruthers, RA**, are architects, artists, and co-founders of Dream The Combine, based in Minneapolis. Dream The Combine's collaborative practice consists of large-scale, public art installations exploring metaphor, perceptual uncertainties, and the boundary between real and illusory space. They are intrigued

by forgotten places and unpredictable audiences, and consistently seek out spaces on the margins in their work. They are winners of the 2018 Young Architects Program at MoMA PSI for their installation *Hide & Seek*. In addition to their studio practice, Jennifer is an Assistant Professor at the University of Minnesota School of Architecture and Tom is co-owner of Jacobsson Carruthers, a metal fabrication shop in Minneapolis. They are both graduates of the Yale School of Architecture.

12:00 p.m. – 2:30 p.m.

T11. Capacity 410

Member Congress and Lunch: Working the Plan & Engaging the Public

Sponsored by Mortenson

At last year's member congress, AIA Minnesota leaders shared a plan for how the association's programs and services would be reshaped and resources reallocated for greater strategic impact. Throughout 2018, AIA Minnesota staff and volunteers have been working the plan and making tremendous progress. Big changes have been made, new partnerships formed, and exciting initiatives launched (even some that weren't anticipated in the workplan). AIA Minnesota president **Nathan Johnson, AIA**, of 4RM+ULA, executive vice president **Mary-Margaret Zindren, CAE**, and special guests will share their perspectives on 2018 and preview the year ahead. Representatives of the Minnesota Architectural Foundation, the Minnesota Architects Political Action Committee, and the AIA Minnesota Government Affairs Committee will also share their efforts to become more impactful in serving the profession. The business meeting will conclude with the election of officers for 2019 and president-elect **Eric West, AIA**, of BWBR, presenting his thoughts on the year ahead for AIA Minnesota.

2:45 p.m. – 4:00 p.m.

T12. Capacity 600

Keynote Address: Making Connections

Sponsored by Kraus-Anderson Construction Company, Inc.

1.25 LUs | Experience Level: All

In this keynote presentation, Studio Gang Design Principal Juliane Wolf will discuss the Studio's approach to design as a medium to connect people to each other, their communities, and the environment. Presenting examples of recently completed work, she will explore how architecture can make connections at multiple scales—from the vertical residential communities of Aqua Tower and City Hyde Park, to cultural buildings such as Writers Theatre that support artistic experimentation while strengthening relationships with their neighborhoods, to civic structures such as the Eleanor and Clark Park boathouses that connect people to the environment and advocate for its ecological

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2:45 p.m. – 4:00 p.m.

T12. (continued)

revitalization. She will discuss the design process in detail, outlining how strategically organized building programs can bring users together and how by continually pushing the boundaries of material and structural innovation, design can create destinations that become spaces for gathering and interaction.



Juliane Wolf, design principal, Studio Gang in Chicago, is a German architect who designs and advocates for built structures that simultaneously serve communities and their environments. In her eight-year tenure at Studio Gang, she has led many of the studio's most award-winning projects, including the recently completed Writers Theatre, the

strategic masterplan for the National Aquarium, and the Bengt Sjostrom Starlight Theatre. Juliane brings expertise in the design of sustainable public spaces, complex visitor-serving organizations, towers, and large-scale, international projects. She is currently leading the design of cultural and high-rise projects across the Americas and Europe, including the Arkansas Arts Center in Little Rock, new Arts and Innovation building at Spelman College in Atlanta, a tower in Amsterdam, and Vista Tower, which broke ground in Chicago in 2016.

4:00 p.m. – 6:00 p.m.

T13. FREE!
Exhibit Hall

Join us for the **Opening Night Celebration** in the Exhibit Hall, featuring over 200 exhibitors showcasing their new products and services. Enjoy live music while you peruse the Craft Beer Crawl, mingle with exhibitors, and shop in the University of Minnesota Press pop-up bookstore.

6:00 p.m. – 7:30 p.m.

T14. FREE! Capacity 600

Keynote Address: Mayoral Panel on Affordable Housing

Sponsored by the AIA Minnesota Housing Advocacy Committee and Government Affairs Committee

1.5 LUs Experience Level: All

Join Mayors Melvin Carter III (St. Paul), Jacob Frey (Minneapolis), and Emily Larson (Duluth) for a discussion of the affordable housing issue in their respective cities and how architects can help each mayor achieve their vision for expanding affordable housing.

This is a free event to which the public will be invited. Plan to attend and invite your clients, neighbors, and friends to join you.



Melvin Carter, III is the Mayor of St. Paul, Minnesota. He began his first term in 2018. In his previous role on the St. Paul City Council, Mayor Carter spearheaded the creation of a \$2.5 million City Affordable Housing Trust Fund to help homeowners in the wake of the foreclosure crisis. He proposed a \$10 million Housing Trust Fund in his 2019 budget.



Jacob Frey is the Mayor of Minneapolis, Minnesota. He began his first term in 2018. Addressing the shortage of affordable housing in the cities has been one of his top priorities both before and since his election. He has proposed a \$50 million investment in affordable housing from a permanent source, and is working on zoning and renter

supports to expand potential locations for affordable housing projects and protect the current supply.



Emily Larson is the Mayor of Duluth Minnesota. She has been serving in that role since 2016. She has been working on affordable and workforce housing in Duluth throughout her tenure, and has been instrumental in bringing several projects to completion during her tenure.



Nathan Johnson, AIA, NOMA, president of AIA Minnesota and principal at 4RM+ULA Architecture in St. Paul, will serve as the moderator.

7:30 a.m. – 8:30 a.m.

WI5. Capacity 88

The AIA Minnesota Public Policy Approach and Agenda

Sponsored by the AIA Minnesota Government Affairs Committee

1.0 LUs Experience Level: Entry

AIA Minnesota’s Government Affairs Committee acts as the advocacy arm of the organization. Join us for a discussion of 2019 policy positions, from P3 financing of public projects to affordable housing, and historic preservation. Learn how the committee works and how you can support the efforts of the committee, be more engaged, and contribute to the future of the profession.

Greg Hulne, AIA, principal, Miller Dunwiddie Architecture, is a 2018 co-chair of the AIA Minnesota Government Affairs Committee. He is an architect with nearly 30 years of experience and proudly serves the profession.

Mark Kalar, AIA, Esq., is associate principal, chief corporate counsel, at Cuningham Group Architecture, Inc. Mark is the 2018 immediate past chair of the Government Affairs Committee. As a registered architect and licensed attorney, Mark is responsible for contract review and negotiation, and risk management direction.

Sarah Strong-Belisle, director of government affairs, Cook Girard Associates, is a member of AIA Minnesota’s lobbying team, and has significant experience crafting legislative strategies and legislation, especially in the areas of commerce, workforce development, and information privacy.

Ann Voda, AIA, president and principal owner, Bentz/Thompson/Rietow, is a 2018 co-chair of the AIA Minnesota Government Affairs Committee. Ann advances the value of the profession through recognized achievements in public and community projects, communicating the design process as an agent for change, and as a means to ready clients and organizations for the future.

8:00 a.m. – 10:00 a.m.

WI6. Capacity 600

Ethics in Ethically Challenging Times

2.0 LUs ETHICS Experience Level: All

Architects face ethical dilemmas all the time in the course of practice, requiring that we choose among competing interests, conflicting perspectives, and contradictory information, all of which affects other people as well as ourselves. This session will examine some of the most difficult ethical questions people have encountered. How to respond to the unethical behavior of others, in a climate in which ethics seems not to matter to some, will also be explored.

Thomas Fisher, Assoc. AIA, is a professor in the UMN School of Architecture, director of the Minnesota Design Center, and former dean of the College of Design. A graduate of Cornell University in architecture and Case Western Reserve University in intellectual history, he was the editorial director of *Progressive Architecture* magazine. He has written over 50 book chapters or introductions and over 400 articles in professional journals and major publications. His newest book is *The Architecture of Ethics*, which will be published by Taylor & Francis in 2019.

WI7. Capacity 280

Designing Precast Concrete Parking Structures

Sponsored by the Precast Concrete Institute (PCI) Midwest

2.0 LUs HSW Experience Level: Intermediate

Learn how to design parking structures using precast concrete. Garage planning considerations including ramp and vehicle circulation types, safety, and maintenance issues will be presented. Advantages such as decreased construction time, efficiencies of combining a variety of exterior finishes with exposed structural members, and precast concrete’s potential contribution towards LEED certification will be discussed.

Paul Todd, RA, LEED AP, is principal of Todd Architecture in Denver, CO. He has thirty-four years of experience in residential, governmental, and commercial projects, involving both new construction and rehabilitation of historic structures including over four million square feet of total precast structures; the first LEED-certified office building in Colorado; and the first total precast concrete LEED-certified structure in the country.

WI8. Capacity 48

ARE 5.0 Review: Construction and Evaluation

Sponsored by the AIA Minnesota Architects Licensing Advisory Committee

Experience Level: Entry

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 5.0 division titled “Construction & Evaluation.” Topics reviewed will include: construction contract execution, construction support services, payment request processing, and project closeout, as well as project evaluation of integrated building systems and their performance. Also covered will be general ARE 5.0 study material, test format, and tips.

Marissa Geiser, Ryan A+E, is an architect with experience in all project phases from early conceptual design through construction administration on large, national senior living projects. She became licensed earlier this year after passing all six Architect Registration Exams in the 5.0 format. Marissa is excited to share her insights with those pursuing licensure.

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8:00 a.m. – 10:00 a.m.

W18. (continued)

Will St. Germaine, project designer, WD Partners Inc., worked in construction as a small business owner, and after finishing graduate school, he transitioned into residential architecture working closely with clients from design to construction drawings. Recently he has moved on to production, working with a team to coordinate documents for multiple, large retail spaces in commercial architecture. Will transitioned from ARE 4.0 to ARE 5.0.

Mandi Tauferner, AIA, CID, CDT, LEED AP, vice-president/project manager, Kodet Architectural Group, has experience in both the business and production side of architecture. As a certified Construction Documents Technologist (CSI) she writes and executes owner, consultant, and contractor contracts, and as a project manager is engaged in projects from concept through construction completion and close-out. Mandi is a past chair of the AIA Minnesota Architects Licensing Advisory Committee.

8:30 a.m. – 10:00 a.m.

W19. Capacity 209

Was Cass Gilbert Right?

Sponsored by the Construction History Society of America

1.5 LUs Experience Level: Entry

Presentation 1: The introduction of general contracting into the American construction industry began in the last half of the nineteenth century. Meanwhile in 1857, the American Institute of Architects was formed, and its members took control of awarding construction contracts trade-by-trade and superintending the work on site. This presentation will trace the evolution and interaction of this Architect-Contractor relationship, particularly as the new contractors assumed more and more of the architects' responsibilities and attracted the confidence of the owners.

Architects, including our own Cass Gilbert, (AIA President 1908-9), delivered stern warnings about this changing landscape of practice. Hear Mr. Gilbert report in 1906 for the Committee on the Relation of Architects to the Contracting Systems.

Presentation 2: First published almost a century ago, *The Handbook of Architectural Practice* has continually expanded in scope in an effort to encompass the ever-growing complexity of the design and construction industry. Yet in that very first handbook from 1920 we can recognize stresses unsettling the architectural practice in a manner not unlike the so-called "disruptions" we are experiencing today. The old social hierarchies that had set rank and status among the principle actors—owners, builders, architects—were, like today, being reshuffled by exigencies of capital and labor, production and consumption, commerce and communication, knowledge and skill.

You decide. Was our colleague in history, Mr. Cass Gilbert, right?

Brian Bowen retired as president of Hanscomb, Inc. in 2000 after serving 40 years with the company. Currently, Brian teaches courses on the construction industry at Georgia Tech School 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.

A. Peter Hilger, AIA, is co-faculty director of the UMN Construction Management degree program, where he manages the development and delivery of curricula. An architect by training, a builder by passion, and a teacher at heart, Peter has served the Construction Management program since its inception in 1997. He received the CCE Distinguished Educator Award in 2009.

George B. Johnston, PhD, is Professor of Architecture at Georgia Institute of Technology and principal of Johnston+Dumais [architects]. He has over 35 years of experience as an architect, educator, academic leader, and cultural historian. He is author of the award-winning book from The MIT Press, *Drafting Culture: A Social History of Architectural Graphic Standards*, which has been lauded for its insights into the ongoing technological transformation of the profession.

W20. Capacity 280Campuses, Airports, and Transit Stops:
The Planners Behind Your Places

1.5 LUs Experience Level: Intermediate

Join urban planners from the University of Minnesota, Metropolitan Airports Commission, and Metro Transit for a lively discussion about planning for owners, where institution and agency missions are the primary drivers of planning and decision-making processes. We will share our challenges and successes around planning for aging infrastructure, coordinating among different disciplines, jurisdictions, and communities, and what it means to plan for the people we serve. We will even throw in a few special highlights, such as typical planning "emergencies" we face in our work that you can help us avoid.

Berry Farrington, AICP, is a senior planner at Metro Transit. She plans capital improvements, guides urban design, and develops business practices to enhance the customer experience at transit stops.

Cindy Harper, AICP, is a senior planner at the University of Minnesota. She collaborates with internal and external partners to shape the look, feel, and function of campus space and infrastructure.

Neil Ralston, A.A.E. (Accredited Airport Executive), is the airport planner for the Metropolitan Airports Commission of Minneapolis-Saint Paul (MAC). He is responsible for coordinating planning initiatives for the MAC's system of seven airports, including Minneapolis-Saint Paul International Airport and six reliever facilities.

8:30 a.m. – 10:00 a.m.

W21. Capacity 480

How to Properly Specify an Air Barrier System

Sponsored by the Air Barrier Association of America (ABAA)

1.5 LUs HSW Experience Level: Intermediate

Design and construction documents are one of the first steps towards achieving an effective layer of airtightness to manage moisture and air movement. A well-articulated document will ensure that the owner is provided with the right materials, performance, and quality. This presentation will cover considerations and language that should be reviewed prior to developing a specification. The program will outline code requirements, performance requirements, what can be done for quality, and ensuring material selection meets the intent of design as well as crucial coordination with other components of the enclosure.

Ryan Dalglish, chief operating officer, Air Barrier Association of America (ABAA), has been involved in the building envelope and building performance areas of construction in both the commercial and residential sectors for over 20 years. He is also actively involved in research, training development and delivery, certification management, and helping industries increase their professionalism. Ryan obtained credentials in Adult Education, Leadership and Organizational Excellence from the University of Manitoba and has been mentored and trained by some of the best building scientists in the world.

10:15 a.m. – 11:30 a.m.

W22. Capacity 48, Workshop

Architecture MN: Re-imagining the Magazine to Grow the Value of Architecture

Sponsored by the *Architecture MN* Magazine Committee

Experience Level: All

Architecture MN—AIA Minnesota's award-winning magazine—is one of the major endeavors of our organization and holds the potential to be an even more effective vehicle for engaging those who influence the value placed on the work of Minnesota's architecture community: clients, potential clients, and key influencers of policy and public opinion.

Join this session to explore how the magazine can become more relevant to the stakeholders we most need to influence, best move forward in the context of today's media and magazine landscape, and become more inclusive of the whole of Minnesota's architecture community and the design problems we solve.

This interactive workshop is the key opportunity for the broader membership to help shape the future of the magazine. Participants will actively engage in visioning and ideation exercises that will inform the work of AIA Minnesota staff and volunteer leaders to launch a new version of the magazine by January 2021.

Mary-Margaret Zindren, CAE, is the executive vice president of AIA Minnesota and publisher of *Architecture MN* magazine. She received her B.A. in Public Administration from Miami University in Oxford, OH, and her Masters Degree in Public Affairs with a focus in Public and Nonprofit Leadership from the UMN Humphrey School. In addition to her career-long focus on association management, advocacy, public relations, and governance, Mary-Margaret has led diversity and inclusion efforts at the League of Minnesota Cities, the Hennepin County Bar Association, and now at AIA Minnesota.

W23. Capacity 209

Getting Beyond the Shell

1.25 LUs Experience Level: Intermediate

Leased tenant fit-out projects typically don't include cutting-edge mechanical and electrical equipment, including a measurement and verification dashboard. But what if they could? What if you could convince the landlord during lease negotiations of the added value to their building and the benefit to their tenant? Gausman & Moore Associates, Inc. and Meyer | Borgman | Johnson (MBJ) Duluth, with support from DSGW Architects, did just that. Visitors to their new office space will see and experience equipment that can be specified for their projects, including high performance energy and water saving equipment, sustainable materials, design principles for a healthier office, and exposed working infrastructure elements within the space. Additionally, through an integrated design approach, LEED and WELL design principles were combined to drive the design.

Jude Homola, PE, is head of the Mechanical Department in the Duluth office of Gausman & Moore Associates, Inc., and senior mechanical engineer with ten years of plumbing, management, and engineering experience in the commercial construction industry. Jude makes use of technology, research, and common sense to provide clients with sustainable designs that meet expectations for cost, certification, comfort, and functionality.

Paul Johnson, PE, manages MJB's Duluth office, bringing more than 30 years of structural engineering expertise in all types of structural materials to clients. As project manager, he coordinates all activities of the structural team. Paul's experience with a variety of delivery methods and construction materials allows him to keep firm control over the project as it moves forward, helping to ensure on-schedule, within-budget delivery.

Julie Spiering, CID, LEED AP, principal of Interior Design, DSGW Architects, believes interior design is about advocating for the people who will occupy the space. She believes that the interiors can serve as sustainability and health guidelines, which is why she incorporates the WELL standards into her designs. Julie's work begins in programming so that architecture and interiors can be designed in tandem.

10:15 a.m. – 11:30 a.m.

W24. Capacity 280**Natural Stone: The Original Sustainable Material**

1.25 LUs | HSW | Experience Level: Intermediate

Buildings constructed of stone have been in use for thousands of years and have demonstrated the ability to adapt for changing purposes and to withstand environmental impacts, all while retaining their original beauty and aesthetics. The recent focus on climate concerns and occupant health issues highlight other benefits of utilizing stone such as excellent life-cycle analyses, exterior heat-island reduction, interior temperature stabilization, absence of harmful chemicals, lower maintenance costs, reusability of material, and superior durability. Attend this program to learn about the latest developments in stone quarrying technology, fabrication, and specification and see why this traditional building material is ideal for today's environmental priorities.

Ronald Fergle, AIA, LEED AP BD+C, is president of SOLART, a sustainable architectural design and solar energy consulting company. He has lectured about the sustainable qualities of natural stone at domestic and international conferences. He has written lighting design and electrical analysis computer programs; authored numerous continuing education courses; and enthusiastically promotes environmental design issues and how to incorporate sustainable technologies in architecture.

W25. Capacity 88**Towards a New Era of Professional Training**

1.25 LUs | Experience Level: Advanced

Our profession has evolved in many ways, particularly in how we gain experience and knowledge in our ever-advancing craft. This program will walk through a three-part approach to professional training that embraces the new tools we have today, looking into the future with what makes the most sense in modernizing the way we develop professionally as architects. This three-part approach includes:

1. Smart Learning with BIM: Hop onto the fast lane with gaming and AI
2. The Detail Library: Collaborate with vendors, contractors, and educators to bridge a critical knowledge gap
3. Empower Our Profession: Share our collective knowledge with an open-door policy

Mary Shaffer, AIA, is an architect with a wealth of experience in architectural leadership and project management, and a passion for mentorship and teaching students of all ages about our industry. Her recent experience as director of architecture at Leo A Daly blended her architectural background with past experience managing projects from the owner side. She is engaged in multiple volunteer endeavors, including serving on the National Architectural Accreditation Board Visiting Team Roster and co-chairing the AIA Minnesota Council of Firms Knowledge Community.

Michelle Watanabe, AIA, senior architect, Leo A Daly, has journeyed through several firm types, from award-winning design firms in New York City and Santa Monica, to a mid-sized office in Arizona, to senior project manager with DLR, and now in her current position at Leo A. Daly. She has been actively involved in a mentoring program since 2001. Michelle has a passion for seeing the design community come together in a more collaborative atmosphere to improve the overall health and integrity of our profession.

W26. Capacity 280**Both Sides Now: Architects as Owners**

1.25 LUs | Experience Level: Intermediate

This panel presentation and discussion will explore the non-traditional architectural career path of four licensed architects employed by government/institutional agencies, and acting as owners. Why did we choose this path? What makes this career path satisfying? How do we use these roles to promote, encourage, support, collaborate, and elevate the architecture profession?

Heather Leide, AIA, Metropolitan Airports Commission (MAC), began her career in consulting architecture firms. She then led a portion of the in-house architecture team at Lifetime Fitness. As the director of airport development for MAC, she oversees the staff responsible for all construction projects at MSP and the MAC's six reliever airports. She advocates for accessibility, inclusion, and sustainability in all their work.

Linda McCracken-Hunt, FAIA, is a principal of JLG Architects and heads up their Minneapolis and Rochester offices. She has practiced architecture for over 40 years. Previously she was on staff at the University of Minnesota as a senior project manager, director, and university architect. She also led Studio Five Architects for 18 years in Minneapolis prior to merging her firm with JLG Architects two years ago.

Dana Murdoch, AIA, LEED AP, is entering her fifth year as a design project manager in the Planning Division of the Minneapolis Park & Recreation Board focusing on major building projects within the Minneapolis park system. Dana brings more than 20 years of design and construction experience as a consulting architect to her current role.

Heidi M. Myers, AIA, LEED AP, serves as system director for the Design and Construction at Minnesota State (formerly known as MnSCU). She provides leadership and guidance for Minnesota's 37 two-year and four-year state colleges and universities. From 2000-2007, Heidi was state architect of Minnesota. Prior to joining state government, Heidi worked in the private sector for several architectural firms located in the Twin Cities and Mason City, IA.

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10:15 a.m. – 11:30 a.m.

W26. (continued)

Marc Partridge, AIA, CID, LEED AP, is university architect at the University of Minnesota (UMN). With more than 30 years of private-sector experience, Marc is currently shaping a reorganized Capital Management group at UMN focused on planning, design and project delivery, with a new emphasis on design quality. Additionally, Marc has been an adjunct design instructor at the UMN’s College of Design, and lecturer at the Minneapolis College of Art and Design.

W27. Capacity 480

Designing the Edge: Corners, Canopies, and Cornices

1.25 LUs | HSW | Experience Level: Intermediate

The quality of a building’s design and construction is exhibited nowhere more than at its edges. Failures in envelope control layers are nearly always at transitions where the joints are the weakest and forces are often at their greatest. This program will examine transitions of various types, configurations, materiality, and systems to demonstrate how a good many variables—structural support, thermal performance, constructability, first and long-term costs—must be balanced en route to well-designed corners.

Will Babbington, AIA, PE, LEED AP BD+C, as both an architect and an engineer, has designed and realized award-winning structural and skin projects that achieve the merge of high performance, high design, and constructability. He is the vice chair for the national board of the Building Enclosure Council and an AIA National representative on the ASHRAE 90.1 Envelope Subcommittee. Will is also on the ASTM E06 Performance of Buildings subcommittee in addition to being a developer and trainer for ASTM’s new Building Enclosure Commissioning (BECx) certificate program.

10:15 a.m. – 12:00 p.m.

W28. Capacity 30, Tour

Cunningham Group Architecture, Inc. WELL Building Tour

1.0 LUs | HSW | GBCI

Experience Level: All

In 2017, Cunningham Group Architecture, Inc. began the process of redesigning their current office space in Minneapolis, with a focus on sustainability and employee wellness. With a goal to reach WELL Certification



at the Gold level, the design team researched products and construction methods that would comply with the Standard, as well as demonstrate the importance of holistic wellness in the workplace. This tour will highlight the key features of the project that contribute to the WELL Building Standard, and will explore the process of working through a WELL project.

Jacki Ostertag, interior designer, Cunningham Group Architecture, Inc., brings passion, empathy and creativity to projects, resulting in spaces that are meaningful and timeless for each unique client. She has experience on a number of education, housing, healthcare, worship, and non-profit projects, with a particular focus on furniture and finish selection, technology integration, and sustainability and wellness.

Pete Mikelson, AIA, Cunningham Group Architecture, Inc., has a broad portfolio of design experience ranging from large-scale campus master planning, to corporate workplace and higher education design. As a design lead at Cunningham, Pete excels at leading clients and project teams through the design process, with a belief that creativity, attention to detail, and clear communication of the design concept will result in an architectural solution that lives up to the collaborative vision for the project.

• **An additional fee is required. Shuttle bus transportation is provided.**

See Event I for a program that will walk the audience through the process of completing a WELL Certified project.

11:15 a.m. – 2:30 p.m.

W29. FREE!
Exhibit Hall

The displays in the Exhibit Hall are the place to find that new product for your next project. Walk around and get up close and up to speed on all the products and services available. Have lunch in the Café Lounge and then get a new headshot photo.

2:30 p.m. – 4:00 p.m.

W30. Capacity 48, Workshop

Interrupting Bias to Counter Harassment and Discrimination

Sponsored by the AIA Minnesota Equity, Diversity, and Inclusion Committee

1.5 LUs | HSW | Experience Level: Entry

Biases are created and reinforced by our environments and experiences. Bias can be unconscious or intentional and can be based on gender, race, ethnicity, income, physical ability, sexual orientation and other “differences that make a difference.” And these biases can manifest in the form of harassment and discriminatory comments and behaviors. Many of us witness biased behavior and feel paralyzed to respond; we’re not comfortable, not practiced in recognizing, interrupting, or addressing bias when we see it happening around us. The good news is that there are a variety of steps that you can take and ways to grow your comfort in responding to bias. In this session, we will utilize small and large group activities of AIA Minnesota members – engineers, contractors, and other allied professionals will be invited as well – to explore examples and to grow your comfort in speaking up when you encounter biased behavior.

Mary-Margaret Zindren, CAE, is the executive vice president of AIA Minnesota. She received her B.A. in Public Administration from Miami University in Oxford, OH, and her Masters Degree in Public Affairs with a focus in Public and Nonprofit Leadership from the UMN Humphrey School. In addition to her career-long focus on association management, advocacy, public relations, and governance, Mary-Margaret has led diversity and inclusion efforts at the League of Minnesota Cities, the Hennepin County Bar Association, and now at AIA Minnesota.

W31. Capacity 280

Architecture + Lighting Design Synergy

1.5 LUs | HSW | GBCI | Experience Level: Entry

This presentation provides an overview of architectural lighting in terms of functional and aesthetic lighting design considerations, including light levels and photometric analysis. Examples include integration with exterior and interior architecture and sustainable lighting control strategies. Presentation will include stages of the design and construction process from an architectural standpoint, as well as the lighting design process. Following a case study, we will review initial concepts and renderings through construction documents and final project photography.

Lisa Chaput, LEED AP, IES, lead lighting designer, Michaud Cooley Erickson, has experience working with commercial and residential lighting projects and clients since 1992. Lisa’s combination of experience, sensitivity to environmental concerns, and understanding of maintenance issues results in lighting design that is user-friendly and aesthetically pleasing while meeting code requirements.

Ross Naylor, AIA, LEED AP BD+C, is a principal at Alliance with over 17 years of experience in the architecture profession. He has dedicated his career to marrying research, design, technology, and client relationships to deliver innovative and responsive solutions that advance the architectural profession and reflect a client’s vision for a project.

W32. Capacity 480

Nutrition Facts of Buildings for Energy-Efficient Design

1.5 LUs | HSW | Experience Level: Intermediate

Exhaustive research guides us to what foods we should eat, but what about the “caloric” or energy requirements for buildings? Energy requirements and serving sizes vary based on building location, form and function, though they are not always designed for an optimal energy diet. The presentation will identify the focus of energy savings opportunities for building sectors in the Minnesota market; explore where we should utilize our resources to best leverage energy savings; and identify the barriers to implementing potential energy upgrades. Attend this program and uncover how to apply energy conservation strategies early in design to achieve a lean energy diet.

Wade Cooper, a program manager with The Weidt Group, has 12 years of experience in the commercial construction industry and 10 years of experience conducting building energy simulations for new construction and renovation/addition projects. Through systems optimization, whole building consultation, he helps design teams fine-tune their buildings prior to construction document completion towards achieving their ultimate energy goals.

A representative from Xcel will be joining Wade to present this program.

W33. Capacity 88

Amazing Work Environments: Creating Positive Firm Cultures

Sponsored by the Society for Design Administration, Minneapolis/St. Paul Chapter

1.5 LUs | Experience Level: Intermediate

Firm leaders understand that creating and sustaining a strong workplace culture is critical to the long-term success of a firm. Today’s professionals, of all generations and backgrounds, look for workplaces that have positive cultures, where all are valued for their contributions. Elements that contribute to a positive firm culture include leadership styles, members’ rigor and skill, inclusion and diversity, flexibility, support of relationships amongst the team, communication, and community engagement. Perhaps most importantly, does the walk match the talk? Through a facilitated panel discussion, three local firms will explore their firm cultures as defined by both leadership and junior members.

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2:30 p.m. – 4:00 p.m.

W33. (continued)

Lars Peterssen, AIA, is a founding principal of Peterssen/Keller Architecture, an award-winning, full-service architecture and design firm in Minneapolis. Lars is known for his thoughtful, collaborative approach to design and his ability to bring warmth and character to modern environments. As part of P/K's unique culture, Lars and his co-principals are very respectful of their employees' creativity and expertise. Project managers/architects have primary responsibility for each project and collaborate directly with the principals on the design work.

Sarah St. Louis, Assoc. AIA, has been a residential designer at Peterssen/Keller Architecture for nearly seven years. Sarah works on a wide variety of new construction and renovation projects, including award-winning homes that have been widely published and featured on the AIA Minnesota Homes by Architects Tour. As part of P/K's unique culture, Sarah is supported both at work and outside of the office. Sarah's son has special needs, so with the encouragement of P/K leadership, she had led programs about how design affects the disabled community.

Daniel Green, AIA, principal, Miller Dunwiddie, is a member of the third generation of firm leadership. As such, he strives to carry forward the values of the firm's founders. Recognized for his attention to detail and collaborative approach, he has a track record of achievement in managing complex projects. He received an AIA Minnesota Young Architect Award in 2012 and is a member and past co-chair of the AIA Minnesota Conference Programs Committee. Daniel has taught sketching workshops locally, nationally, and internationally.

Jean Turck, AIA, is a project architect and project manager with Miller Dunwiddie. Jean brings a passion and perspective that is critical in programming and design. She brings great insight and probing inquiries into the needs of users that are often overlooked, such as the underprivileged, those with a "quiet voice", and those with special needs. These inquiries and insights have led to wonderful design solutions that have brought recognition and praise to the work she has completed.

Paul Udris, AIA, LEED AP, U+B Architecture & Design, has over 20 years of experience practicing architecture and is recognized by his peers as a true collaborator, enabling teamwork and decisions made upon respect and knowledge between all stakeholders. Paul's design philosophy is grounded in the idea that great architecture springs from the unique context, culture and constraints of each project.

Fiona Wholey, AIA, U+B Architecture & Design, has a background of studies in sociology, spatial planning, and architecture. She maintains a keen awareness of the importance a resilient and adaptable architecture brings to human experience and how the most delicate of design decisions impact program and system efficiencies. Fiona has developed a remarkably strong set of technical skills that enable the team to provide excellent visualizations of the design concepts as the project evolves.

Debbie Magnuson, is VP of Talent Management, CPI (Career Partners International) Twin Cities. She is an executive coach, career counselor, talent management consultant, speaker, and author. Her clients include executives, leadership teams, and organizations working on performance management, career development, employee engagement, leadership and coaching skills, change management, innovation, and succession planning.

W34. Capacity 209**Good Design: The Developer's Perspective**

1.5 LUs Experience Level: Intermediate

We as architects can learn much from developers about how to better serve our clients and achieve our own design and business goals. Developers are "professional clients" who, rather than building once every twenty or thirty years, are in the business of building all of the time. One part of their job is hiring and managing architects and they therefore understand better than many other clients what they want and need from architects and the design process. And unlike many clients, developers are a source of repeat business for those architects who choose to work with them and are successful at doing so. These local developers have thoughtful approaches to the use of architects and design in making better buildings.

Stu Ackerberg is the founder and chief executive officer of The Ackerberg Group, a developer/owner/operator of commercial office and retail real estate in Uptown and other neighborhoods throughout Minneapolis. Stu is responsible for quality control for development, acquisition, property management, leasing, and construction services. He is an active member of the Urban Land Institute and an advisory board member for the UMN College of Design.

Tony Barranco is vice president of Real Estate Development at Ryan Companies, Inc. Tony leads project teams through all aspects of the development process including site selection and acquisition, constraint analysis and due diligence, municipal approvals, design and construction coordination, and lease or sale negotiation.

Peter Hendee Brown, AIA, is an architect, planner, and development consultant based in Minneapolis. His focus is public-private development projects and since 2010 he has consulted to the city of Minneapolis on the US Bank Stadium, the Downtown East Commons, Nicollet Mall, and more. Peter teaches private sector real estate development at the UMN Humphrey School of Public Affairs. He is the author of *How Real Estate Developers Think: Design, Profits, and Community*, and *America's Waterfront Revival: Port Authorities and Urban Redevelopment*.

Maureen Michalski, director of development for Schafer Richardson, Inc., leads and facilitates project teams in the development of multifamily, mixed use, and commercial projects throughout the upper Midwest. Maureen is instrumental in identifying and implementing new opportunities for development and joint venture partnerships. Maureen is active member of the Urban Land Institute MN and Women in Real Estate Development and Urban Planning.

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2:30 p.m. – 4:00 p.m.

W34. (continued)

Heidi Zimmer, senior vice president of Property Development, leads the Real Estate Development Division of Artspace. Her team is responsible for creating and developing new Artspace projects across the United States including affordable housing and live/work spaces; commercial development for creative businesses, and historic preservations. Heidi previously worked with The Cornerstone Group in the Twin Cities and The Shaw Company in Chicago.

W35. Capacity 280

Divine Details

1.5 LUs HSW Experience Level: Entry

Mies van der Rohe said “God is in the details.” This program will showcase construction details and give many examples how ingenuity can solve a problem and be beautiful. Attend this fast-paced program of images and talk, presented in a Pecha Kucha-like format. Moderated by Sean Higgins, Assoc. AIA, RSP Architects, Ltd.

Many responded to our call for divine details. The following are the twelve who will present.

- o Embassy Suites, **Mark Baum, AIA**, ESG Architects
- o Silver Parking Ramp, **Mike Refsland, AIA**, Miller Dunwiddie Architects
- o Parking Management Building, **Lauren Fleming, AIA**, Miller Dunwiddie Architects
- o Forest Lake Area High School, **Brice Aarrestad, AIA**, DLR Group
- o University of Minnesota Tate Science and Teaching Renovation, **Anna Pravinata, AIA**, Allliance
- o Xcel Energy Midtown Substation, **Nina Ebbighausen, AIA**, Allliance
- o Jack Link’s Minneapolis Corporate Offices, **Heather Novak-Peterson, Assoc. AIA**, RSP Architects, Ltd.
- o Hook and Ladder Apartments, **Melanie Kiihn, AIA**, BWBR
- o Country Inn & Suites, **Andrea Hammel Wollak, AIA**, hw2 design & architecture, llc
- o Elise O. Mitchell Meditation Sanctuary, **Sandy Christie, AIA**, Perkins+Will
- o Emerson Shakopee, Customer Solution Center, **Ben Walters, AIA**, HGA Architects and Engineers
- o Brookview Community Center, **Justin Wang, AIA**, HGA Architects and Engineers

3:45 p.m. – 6:00 p.m.

W36. FREE!

Exhibit Hall

Enjoy this hors d’oeuvre reception sponsored by MC & MCA and their members exhibiting in Masonry Street Row. We have many new exhibitors on display this year, along with the many regular vendors you should know. Stop by and introduce yourself!

6:00 p.m. – 7:30 p.m.

W37. Capacity 600

Keynote Address: DS+R: Working as Artists, Urbanists, and Architects

1.5 LUs Experience Level: All

Diller Scofidio + Renfro (DS+R) is a New York-based design studio that established its identity with independent, self-generated art installations on borrowed urban sites. Working as artists, urbanists and architects, DS+R has contributed to three of the largest architecture and planning initiatives in New York City’s recent history: the transformation of Lincoln Center for the Performing Arts’ half-century-old campus, the High Line, and Hudson Yards. Keynote speaker Robert Katchur was a project lead for the Lincoln Center redevelopment and is currently the project director for two projects in Hudson Yards, both scheduled to open in 2019: The Shed—the first multi-arts center designed to commission, produce, and present all types of performing arts, visual arts, and popular culture—and The Shed’s neighboring residential tower, 15 Hudson Yards.



Robert Katchur is a principal at Diller Scofidio + Renfro with over 25 years of experience practicing architecture. Since 2011, Katchur has been the project director for The Shed and its complex coordination with two more neighboring DS+R projects. Katchur is also currently working on the Centre for Music, a new permanent home

for the London Symphony Orchestra. Prior to his role at DS+R, Katchur worked on the redevelopment of the Lincoln Center for the Performing Arts as a member of FXFowle, leading the Hypar Pavilion Lawn & Restaurant, the 65th Street Redevelopment and Concourse projects, the Hearst Plaza, the Film Center, as well as infrastructure improvements to the entire campus.

7:30 a.m. – 8:30 a.m.

FB. Lounge A

Fellows (FAIA) Breakfast

AIA Minnesota Fellows are invited to the annual College of Fellows Conference gathering. In addition to recognizing our new 2018 Fellows, you will have the opportunity to reconnect with other Minnesota Fellows. There will be an overview of national activities and other initiatives.

8:30 a.m. – 11:45 a.m.

TH38. Capacity 60, XL Workshop

The Ethics of Exploring Culture and Identity

Sponsored by the AIA Minnesota Equity, Diversity and Inclusion Committee

3.0 LUs | ETHICS | Experience Level: Intermediate

AIA has a Code of Ethics and NCARB has the Model Rules of Conduct to which all licensed architects must adhere. Many of the canons and rules directly address issues of protecting the health, safety, and welfare of the public; but do they have a connection to our need for intercultural competence? This session will help you make the connections. Participants will get shared meaning on often misused words like diversity, inclusion, equity, equality and culture. In the context of ethics requirements, participants will dig into an exploration of their own cultural identities and influences, the culture of their organizations, as well as how to apply this understanding in order to advance diversity, equity and inclusion goals. Participants will leave with tools and activities to continue this exploration of culture and identity and to maintain an ethical practice.

Trina C. Olson is co-founder and principal of Team Dynamics. Olson’s career includes advocating for health care, hunger, a living wage, non-discrimination, marriage equality, adoption policy, and humane immigration reform. Trina has lobbied voters, state legislators, the White House, and federal agencies.

Sara Schonwald, Listen to Lead Consulting, is a dynamic facilitator, trainer, listener and coach. Her practice of leadership and consulting centers the belief that we’re all connected to each other, and that it is our collective opportunity and responsibility to work together for justice and peace.

Alfonso T. Wenker is co-founder and principal of Team Dynamics. Alfonso is a dynamic, engaging, practical and highly sought after trainer and facilitator. His work focuses on strategy development, diversity/equity/inclusion, team building, leadership development and self-awareness.

8:30 a.m. – 10:00 a.m.

TH39. Capacity 88, Workshop

Networking: Get to the Good Stuff

Sponsored by the AIA Minnesota Emerging Professionals Committee

1.5 LUs | Experience Level: Entry

Networking is the art of chance interactions. Anyone you meet could turn into a potential client, co-worker, or mentor. In this digital world, a meaningful contact is more than a Facebook friend or LinkedIn connection. Get to the Good Stuff is about navigating your first contact with anyone and leaving an impactful impression. From students to senior partners, this workshop is for everyone to practice first encounters by meeting other workshop attendees of all levels of experience. Learn to listen and ask the questions that express your genuine interest in the other person. Develop your personal message and communicate your value to turn cold calls to valuable contacts.

Nickisha Benjamin, AIA, works at Wendel. A small-town Midwesterner by nature, Nicki spent her college years at Pratt Institute in Brooklyn, NY. Relocating first to Pittsburgh, then to Minneapolis, Nicki understands the value of networking. As an emerging professional in the workplace and also a mother who recently achieved licensure, Nicki is also keenly interested in “getting to the good stuff.”

Molly Ellis, AIA, works at Wendel. She grew up in a small town in Texas and went to the University of Houston, graduating with a Bachelor of Architecture degree and a minor in Construction Management. Gaining an interest in sustainable design, Molly pursued a Master of Science in Sustainable Design from the University of Minnesota. She recently became a registered architect.

TH40. Capacity 209

The Dirt on Land Surveying

1.5 LUs | Experience Level: Intermediate

Land surveying bookends most projects. From start to finish, survey work can have an impact on planning, design, permitting, and construction. This session will walk through different kinds of survey requests, pain points, and solutions to ensure that your projects get kicked off and run smoothly.

Nate H. Carlson, PS, CFedS, survey leader, Land Division, Westwood Professional Services, provides leadership and guidance to survey teams within Westwood’s land division. In addition, he works closely with market leaders on strategic growth opportunities for surveying services in the residential and commercial markets, both within the Twin Cities metro area and across the country.

8:30 a.m. – 10:00 a.m.

TH41. Capacity 280

Rebuilding Puerto Rico

Sponsored by Dunwoody College of Technology

1.5 LUs | HSW | Experience Level: Entry

Hurricane Maria exposed the social, economic, and environmental hardships that have plagued Puerto Rico for centuries. An island smaller than Hennepin County with 3.3 million inhabitants, it lacks federal representation as a territory, receives limited international relief as part of the United States, and is preyed upon by investors. Through the efforts of students and faculty at Dunwoody College, and the community leaders at Ponce Neighborhood Housing Services, the work to rebuild Puerto Rico in the barrios of La Cuarta and Penuelas will be presented. Issues of resilience, self-reliance, self-sufficiency, and cultural sustainability will be discussed as well as how they impact urban planning, design, and construction within the islands most vibrant neighborhoods.

Laura Cayere King, Assoc. AIA, is a native of San Juan, an adjunct instructor at Dunwoody College, and project designer at Peterssen/Keller Architecture. In 2010, she won the Ralph Rapson Traveling Study Fellowship, allowing her to travel through Germany and study sustainable housing and Passive House design. She received a B.A. from Carroll University in Theatre Design and Art and a Master of Architecture from the University of Minnesota.

John Dwyer, AIA, is the author and program manager of the new Bachelor of Architecture program at Dunwoody College of Technology. He also is the founder and principal of Dwyer Oglesbay Architects. John served as a 2012 Architecture for Humanity Design Fellow, serving returning residents to the Lower 9th Ward after Hurricane Katrina in New Orleans. He was the recipient of the 2008 AIAS National Emerging Practice Award, and the 2013 AIA National Young Architects Award. He is also the recipient of the 2018 Louis Lundgren Award for Service.

Elizabeth Colón Rivera is the executive director of Ponce Neighborhood Housing Services (NHS) and is acting vice president of the Board of Directors of the Desarrollo Integral del Sur (DISUR). Elizabeth's professional experience working with nonprofit organizations, mostly housing/community building-related, extends beyond ten years. She has coordinated community development projects at organizations such as Ponce NHS, Ponce Museum of Art, PathStone, Department of Public Housing of P.R., among others.

TH42. Capacity 280

Real World Uses of Machine Learning in Design

1.5 LUs | Experience Level: Intermediate

Increasing access to machine learning (ML) algorithms has allowed architects, engineers, and contractors to influence iterative design processes. This program will introduce the use of commercially available products with ML that successfully impact multifamily development unit mix design. Also described will be how predictive analysis can be used to influence the design of a healthcare facility given historical design data. Finally, we will discuss types of design and input data, like post occupancy evaluations and building performance, that can be used to generate feedback loops to help architects and owners make data-driven and evidence-based decisions during the design process.

Nathan Miller is the founder of PROVING GROUND, a digital design agency that delivers data-driven solutions for architecture, engineering, and construction businesses. Nate has worked with some of the most reputable organizations in the building industry to create strategies and software that connect builders with data for performance. Nate's work in data and computation has impacted the design and delivery of a wide range of built environments including stadiums, skyscrapers, hospitals, and museums.

Stephen Sanda, AIA, is the director of Implementation of PROVING GROUND. Steve's spirit for technology integrated within architectural practice has afforded him numerous opportunities to positively influence and generate new technological and process connections for architecture firms with regional, national, and worldwide exposure.

TH43. Capacity 600

Demystifying the AIA 2030 Commitment

Sponsored by the AIA Minnesota Knowledge Community on the Environment (kCOTE)

1.5 LUs | HSW | GBCI | Experience Level: Intermediate

Did you know three out of four firms are not yet meeting the AIA 2030 Commitment? Four Minnesota firms, of different sizes and specialties, will discuss their tactics for reporting data, what they are learning, challenges they're facing, and how it's improving their practice. The panelists will discuss how they approached the required Sustainability Action Plan, Project Data Collection, Reporting Process, and Results. A brief portion of this program explains the process of signing up. Handouts will be provided and time will be allowed for Q&A with the panelists.

Carly Coulson, AIA, LEED AP, is design principal and founder of the architecture firm COULSON. COULSON is an AIA 2030 Signatory Firm. All their design work meets the 2030 Challenge and their firm portfolio has an average 89% reduction in pEUI. Carly was recognized with an AIA COTE Top Ten Green Building Award for the Bagley Classroom, the first LEED

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THURSDAY, NOVEMBER 15 (Student Day)

8:30 a.m. – 10:00 a.m.

TH43. (continued)

Platinum Certified and passive house building at the University of Minnesota. She was recently awarded two Green Good Design Awards from the Chicago Athenaeum.

Amber Sausen, AIA, LEED AP BD+C, is a passionate sustainability advocate and brings fresh energy to design at Alliiance. She has been responsible for managing the LEED and B3 process for many of the firm's projects, ensuring they meet the SB2030 Energy Standard and exceed client goals and code standards. Amber is an active member of AIA Minnesota, is a board member for the Minnesota Environment Fund, and president of the global non-profit Urban Sketchers.

Jesse Turck, AIA, LEED AP BD+C, is an architect and project manager at BWBR. He is a member of the firm's Performance Design Group for which he tracks and reports project energy data for the AIA 2030 Commitment. He is a past co-chair of the AIA Minnesota Committee on the Environment, a member of the AIA Minnesota's 21st Century Development Task Force, and a member of the MN Resiliency Collaborative Steering Committee. Jesse is also a climate reality leader through former Vice President Al Gore's Climate Reality Project.

Christopher Wingate, LEED AP, leads research and development of new design tools and processes at MSR and oversees a student research partnership with the University of Minnesota. He is also an adjunct faculty member at the University of Minnesota currently teaching sustainable design. Chris is passionate about developing and applying a design-centric approach to sustainability that focuses on clarity of concept, design rigor, and inspiring visualization.

Simona Fischer, designer, sustainable design specialist, MSR, will moderate this session.

10:15 a.m. – 11:45 a.m.

TH44. Capacity 480**2 + 2: Achieving Outstanding Design**

Sponsored by the AIA Minnesota Committee on Design and College of Fellows

1.5 LUs Experience Level: Entry

This program will examine the impact that professionally experienced architects have made in achieving outstanding design as well as the influence that young architects wield in raising the bar for our next generation. Work will be presented by two AIA College of Fellows members recognized for design, and two recipients of the AIA Minnesota Young Architects Award. The session will explore the importance of how design can shape our buildings and communities, how architecture connects with the public, how good design will prevail, and the integration of sustainability in good design.

Renée Cheng, FAIA, professor, UMN School of Architecture, is also director of the M.S. of Research Practices and Consortium for Research Practices. A nationally renowned educator, she will change roles and institutions as dean of the College of Built Environments at the University of Washington in 2019. Renée pioneered research surrounding the intersection of design and emerging technologies including work on industry adoption of IPD, BIM and Lean. Her research focuses on collaboration, innovation and change, especially how they are fostered by equitable and inclusive practices.

Amy Douma, AIA, senior project designer, HGA Architects and Engineers, specializes in healthcare. An advocate of research-based design, she leads HGA's partnership with the UMN's Consortium for Research Practices and encourages industry integration of innovative technologies, materials and processes. Her work has been recognized through national and regional awards, and she is a frequent presenter at national conferences.

Matthew Kreilich, FAIA, design principal, Snow Kreilich Architects, is the heart of the firm's collaborative working model with an active participation in both strategic and detail design resolution. Matt provides design leadership on all the firm's projects. Additionally, he has taught at the UMN College of Design and Syracuse University as well as participated in visiting critiques at the GSD and Washington University.

Karen Lu, AIA, Snow Kreilich Architects, is co-chair of the AIA Minnesota Committee on Design. Karen's commitment to design excellence and to positively impacting future generations of architecture professionals and global citizens is evident in her professional work and service to the AIA and her community. She has been recognized both locally and nationally with the AIA Minnesota and National AIA Young Architects Awards.

Malini Srivastava, AIA, is a principal at DandElab, assistant professor of Architecture at North Dakota State University, and led the efargo team that helped research, design and implement innovative strategies to reduce energy consumption that will serve as a national model. Malini is a doctoral candidate at Carnegie Mellon University School of Architecture. She previously served as a Fellow at the Bush Foundation from 2014-16. She was recognized with a national AIA Young Architects Award in 2018.

TH45. Capacity 209**Affordable and Workforce Housing: A Panel Discussion**

Sponsored by the AIA MN Minnesota Design Team

1.5 LUs Experience Level: Entry

This panel explores the various entities that play a crucial role in the development and viability of affordable housing. By creating a dialogue across disciplines—from architects, to nonprofits and civic leaders—this panel attempts to navigate the complex issues around the spectrum of affordability, and the role that affordable housing plays in community development and civic vitality in both urban and rural contexts.

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THURSDAY, NOVEMBER 15 (Student Day)

10:15 a.m. – 11:45 a.m.

TH45. (continued)

Matt Finn, AIA, is a principal and project architect at Cermak Rhoades Architects. Matt has accumulated more than a decade of experience in affordable and supportive housing. His work at CRA has included projects as small as duplex renovations in North Minneapolis, to mid-size tax-credit projects throughout the region. He is currently looking forward to the 2019 completion of the two-phase Dorothy Day Campus in downtown St. Paul.

Deb Flannery, director of programs & lending, Greater Minnesota Housing Fund (GMHF), manages and leads the lending and program teams. She oversees borrower and developer relationships and leads inter-agency initiatives. Deb has over 20 years of professional experience with expertise in affordable housing, real estate finance, public administration, and urban planning. Prior to joining GMHF, Deb was with the Iowa Finance Authority and Dakota County Community Development Agency.

John Hall, design and building technology manager for Twin Cities Habitat for Humanity, leads the non-profit's building science, green building, and LEED activities. He was instrumental in developing and changing Habitat's building practices and standards to meet the requirements of Energy Star and LEED certification programs. He manages the organization's relationship with the Department of Energy's Energy Star program and USGBC's LEED for Homes certification program.

Anne Mavity, executive director, Minnesota Housing Partnership (MHP), has 30 years of experience in affordable housing, capacity building and development. Among her varied experience, she has worked on a Congressional Subcommittee on housing and provided technical assistance and underwriting at the Corporation for Supportive Housing (CSH). Previously, she was director of new projects at Beacon Interfaith Housing Collaborative.

Russ Wille has been community development director in Saint Peter since April 2001. During his tenure in Saint Peter, the City has successfully developed workforce housing subdivisions to provide entry level home ownership opportunities for area residents. Russ has previously been employed as the executive director of the Region Nine Development Commission, Martin County Coordinator, and Wells City Administrator.

TH46. Capacity 280

Designing for Resilient Cities

1.5 LUs HSW Experience Level: Intermediate

This program will present the design leadership for the Lower Manhattan Coastal Resiliency (LMCR) Project and its aims to reduce flood risk due to coastal storms and sea level rise from Manhattan's Two Bridges neighborhood to Battery Park City. It intends to build the physical, social, and economic resiliency of the area by integrating flood protection into the community fabric through strengthening the city's coastline while improving access to the waterfront and enhancing public spaces.

Gonzalo Cruz, principal, AECOM, is the design principal for the New York City Economic Development Corporation, Lower Manhattan Coastal Resiliency project. His diverse professional accomplishments are supported by his multi-disciplinary background, with professional degrees in both architecture and landscape architecture. During his 14 years of experience he has orchestrated projects at a broad array of scales, ranging from large-scale urban design developments to smaller residential and commercial work.

TH47. Capacity 209

Generative Matter

Sponsored by the University of Minnesota School of Architecture

1.5 LUs Experience Level: Entry

In a second-year graduate design studio at the University of Minnesota, architecture students explore how materials, imbued with particular properties, react uniquely to circumstance. When material behavior intersects with a tool, a circumstance, or an environment, a rich matrix of outcomes emerges. When using this approach, the designer must embrace uncertainty and unpredictability, and in doing so, it challenges conventional attitudes about design authorship in the physical environment. The research of this UMN studio will be presented by two instructors, followed by three to four students sharing their work.

Blaine Brownell, AIA, is an architect and associate professor and director of graduate studies at the UMN School of Architecture. Brownell has authored seven books on advanced materials for architecture and design including the three-volume *Transmaterial* series which he co-authored with Professor Marc Swackhamer. He has written the "Mind & Matter" column for *Architect* magazine since 2009. Blaine's latest book is *Transmaterial Next: A Catalog of Materials that Redefine Our Future*.

Marc Swackhamer, Assoc. AIA, is a professor and the head of the UMN School of Architecture. His research explores the relationship between performance and ornament through the lens of digital representation and fabrication. His design firm, HouMinn Practice, a partnership with Professor Blair Satterfield from the University of British Columbia, challenges in-place techniques of construction and material production. Marc teaches on the topic of "hypernatural" design. With Professor Blaine Brownell, he co-authored the book *Hypernatural: Architecture's New Relationship with Nature* in 2015.

TH48. Capacity 600Designing for the Midwest Future:
Integrating Resiliency and SB 2030

1.5 LUs HSW GBCI Experience Level: Intermediate

Minnesota and the Upper Midwest face unique challenges in designing high-performance buildings for our climate and meeting increasingly stringent requirements such as SB 2030. This program investigates the factors affecting our decisions

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THURSDAY, NOVEMBER 15 (Student Day)

10:15 a.m. – 11:45 a.m.

TH48. (continued)

as design professionals in addressing energy concerns today and how we can plan for future resiliency as requirements, technology, and climate continue to evolve.

Mark Brengman, PE, LEED AP, president and principal, Steen Engineering, Minneapolis, is a mechanical engineer with more than 25 years of experience in the HVAC industry in education, health care institutional, corporate, senior care and multifamily construction projects throughout the United States. He is a member of the America Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the International Ground Source Heat Pump Association (IGSHPA) and is registered in all 50 states.

Sara D. Curlee, AIA, is a project architect with BWBR specializing in sustainability-driven, high-performance projects. Sara has over 13 years of industry experience and has been involved with multiple LEED and Minnesota Sustainability Guideline (B3) projects. She is a member of the U.S. Green Building Council, Minnesota Chapter and served as a past committee chairperson.

Richard Graves, AIA, is the director of the UMN Center for Sustainable Building Research and an associate professor in the UMN College of Design. 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. His research focuses on design for regenerative and resilient development.

Rich Peske, AIA, LEED AP, project manager, The Weidt Group, has over 20 years of experience with a keen interest in energy efficiency and sustainable design. He works with design teams, building owners, government agencies and utilities to improve building performance through detailed energy modeling and comparative analysis, daylighting studies, and a variety of rating and certification programs, including SB 2030 and LEED.

Mark W. Seeley is a climatologist, meteorologist, and professor emeritus at the University of Minnesota. He has spent 40 years tracking and analyzing our upper Midwest climate and weather. He holds degrees from University of California–Berkley, Northern Illinois University, and University of Nebraska. A popular public speaker and a regular commentator on Minnesota Public Radio, he is a 2014 recipient of the Siehl Prize in Agriculture.

Brian C. Wass, AIA, LEED AP BD+C, is a project manager at The Weidt Group providing Energy Design Assistance (EDA) to architecture and engineering clients for high performance buildings. Brian manages The Weidt Group's Early EDA services, which entails massing, daylighting, and HVAC analyses.

11:30 a.m. – 2:00 p.m.

TH49. FREE!
Exhibit Hall

Have lunch in the Café Lounge and then make your way around the Exhibit Hall. This is your last chance to see new products and connect with vendors. Think holiday gifts as you shop in the University of Minnesota Press pop-up bookstore. Last but not least, be sure to stop by the photo lounge for a new headshot pic.

1:45 p.m. – 3:30 p.m.

TH50. Capacity 50, Tour

Dayton's Project: Untangling Life Safety Issues in a 115-Year-Old Icon

Sponsored by the AIA Minnesota Building Codes Knowledge Community

1.25 LUs | HSW | Experience Level: All

Since opening on June 2, 1902, Dayton's evolved, grew, and endured along with the city around it for almost 115 years. When it closed in March of 2017 under the banner of Macy's, Minneapolis felt a collective loss as a steadfast anchor of downtown went dark. The iconic Dayton's building is currently being reimaged as a mix of retail, restaurants, offices, and tenant amenities. This tour will revisit some of the building's history discovered during demolition and offer an up-close look at the massive current efforts required to bring a historic building's infrastructure and life safety systems up to current code.



Julie Koerber, AIA, project architect, Gensler, directs teams to provide the best solutions for design challenges. She has a true team mentality and enjoys collaborating with clients, coordinating with consultant partners, and interacting with all entities working toward a common goal. Julie's desire to push the boundaries of architectural and technical design drive her to continue learning new technologies, methods, and processes.

Jeff Walz, AIA, technical director, Gensler, has an extensive background in healthcare, government, institutional, and corporate architecture. His expertise is based on a deep understanding of building systems, technology, and a collaborative approach to problem solving. Jeff is adept at leading complex and large project teams for a wide variety of national and international clients and has constructed large scale LEED projects including the newly completed Margaret A. Cargill Philanthropies headquarters.

◦ **An additional fee is required. Shuttle bus transportation is provided.**

2:00 p.m. – 3:30 p.m.

TH51. Capacity 480

Delivering Design Excellence: Snow Kreilich Architects, 2018 AIA Architecture Firm Award

1.5 LUs Experience Level: All

Snow Kreilich Architects was founded on the exploration of architecture's transformative ability. Their project types and scope vary, but are united in the common expectation of design that is intelligent, inventive, durable, and provides a powerful aesthetic experience. Their first projects were manufacturing facilities, pragmatic and functional. Today they create powerful architecture from functionally demanding and cost constrained projects. As a studio, they share a commitment to this exploration with each studio member bringing specific talents and expertise to the collective investigation.

In this program, the firm's leadership team, in conversation with **Tom Meyer, FAIA**, will share insights about their innovative practice and reflect on 21 years of delivering design excellence.

Snow Kreilich Design Principals and business partners **Julie Snow, FAIA**, and **Matthew Kreilich, FAIA**, provide design direction for all projects and overall firm leadership. To successfully deliver the highest quality of design excellence across all measures, their studio is organized into three key areas: Operations led by **Trevor Bullen, AIA**; Business Development led by **Alita Bergan**; and Project Delivery led by **Tyson McElvain, AIA**, and **James Howarth, AIA**. In addition, over a dozen senior designers and project managers lead project teams of consultants and colleagues to meet the owners' goals and aspirations in a smooth and thorough design process.

Thomas Meyer, FAIA, founding principal of MSR, is well-known regionally and nationally for his work with historic preservation and the Mill City Museum. His career is threaded with a strong interest in the correlation between old and new that has resulted in work with historic district planning, building rehabilitation and restoration, adaptive reuse projects, new construction in historic districts, and museum and interpretive center design.

TH52. Capacity 280

Professional Lighting Analysis for Architects

1.5 LUs GBCI Experience Level: Intermediate

With the ever-increasing interest in high-performance and sustainable building design, along with human factors such as occupant comfort, lighting design plays a key role in delivering high quality buildings. This session will compare and contrast tools from Autodesk, Lighting Analysts Inc., and Trimble's Sefaira. We will look at tools that give point-by-point lighting calculations producing high quality, interactive and photometrically accurate renderings. Daylighting design for Spatial Daylight Autonomy (sDA), Annual Sunlight Exposure (ASE), and Daylight Factor will be discussed. To round out this session, we will consider

the use of KieranTimberlake's Post Occupancy Evaluation (POE) application, called ROAST, to help determine if design goals around electric lighting and daylighting have been met from the user-experience standpoint.

Dan Stine, AIA, CSI, CDT, BIM manager, LHB, Inc., is a Wisconsin-registered architect with over 20 years of experience. Dan has presented on lighting design in three countries, and most recently presented at this year's Lightfair International in Chicago. Dan has written 11 textbooks, of which two focused on architectural hand sketching, and another became the #1 Autodesk Revit book in the USA's academic market. He teaches BIM to graduate architecture students at North Dakota State University, covering lighting analysis, energy modeling, and more.

TH53. Capacity 88, Workshop

Incorporating Design, Policy, and Finance to Increase Housing Opportunity and Affordability

Sponsored by the AIA Minnesota Housing Advocacy Committee

1.5 LUs Experience Level: Intermediate

In this session, nationally-recognized expert on policy for affordable housing and community development Marc Norman will share his perspective on the challenges and opportunities in increasing housing supply through public policy, finance, and innovation. His work throughout the U.S. for cities, public agencies, and developers, in collaboration with architects and planners, provides insights that can be applied to Minnesota projects and beyond. Additionally, the session will provide participants the opportunity to work in teams to think through project feasibility as a way to highlight issues faced by all the participants in a real estate transaction.

Marc Norman is an associate professor of practice at the University of Michigan Taubman School of Architecture and Urban Planning. He is recognized internationally as an expert on policy and finance for affordable housing and community development. Trained as an urban planner, he has worked in the field of community development and finance for over 20 years. With degrees in political economics (University of California Berkeley) and urban planning (University of California Los Angeles) and experience with for-profit and non-profit organizations, consulting firms and investment banks, Marc has worked collaboratively to develop or finance over 2,000 units totaling more than \$400 million in total development costs.

TH54. Capacity 209

Successful Design-Build Projects from MEP Engineer Perspective

1.5 LUs Experience Level: Entry

How does an architect successfully navigate a design-build project where the Mechanical, Electrical and Plumbing (MEP) engineering design is under the MEP subcontractor's

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2:00 p.m. – 3:30 p.m.

TH54. (continued)

responsibility? This presentation will provide information, tips, and recommendations to guide architects through a successful design-build project. Terminology, jargon, roles, and responsibilities will be reviewed. Differentiating when design-build could be the preferred project delivery method will be addressed. Lessons learned for a range of project types with various levels of involvement from a MEP engineering consultant will be covered.

Deborah Reider, PE, LEED AP BD+C, is the principal in charge of AKF Group's Minneapolis office and is on the board of directors for both the American Council of Engineering Companies (ACEC) MN and Architecture-Construction-Engineering (ACE) Twin Cities. Debbie has over 15 years of mechanical engineering industry experience with a focus in project management. Debbie volunteers with the Society of Women Engineers and the Association of Women Contractors.

Shawn Stockwell, PE, LEED AP, is the senior electrical engineering leader in AKF Group's Minneapolis office. He has collected a wealth of knowledge in all aspects of electrical engineering services including electrical distribution, lighting, security, fire alarm, and telecom design in his 14 years in the industry. As a senior project manager on a wide range of projects, his responsibilities include financial management, project deliverables, maintaining client relationships, and staffing.

TH55. Capacity 280**A Collaborative Approach to Dealing With Risk**

Sponsored by the Minnesota Construction Association (MCA)

1.5 LUs Experience Level: Intermediate

The construction industry spends a great deal of time and resources dealing with inherent risk and trying to minimize or limit that risk. These risks include shifting workforce issues, construction defects, contractual risk, changes in technology, natural hazards, and site protection. This collaborative panel of industry experts includes an owner's representative, engineer, general contractor, subcontractor, insurance specialist, and construction litigation attorney. Don't miss this opportunity to learn how other players in the construction industry identify, view, and manage risk.

Connie Armstrong is senior counsel for McGough Construction Co., LLC. Connie is a member of the Minnesota State Bar Association's Construction Law Section's council and the Minnesota Air National Guard. She is the past-president of Minnesota Women Lawyers and the former co-chair of Minnesota Defense Lawyers Association's Construction Law Committee.

Heather Grazzini is vice president of administration at Carciofini Caulking Company. She is involved with the day-to-day operations of this small business enterprise that has been serving the construction industry since 1975.

Gregg Johnson is a project director for Hammes Company. He is the owners' representative for the Minnesota Sports Facilities Authority on the development of US Bank Stadium and is leading the design and construction planning efforts for a number of large projects that are currently in master planning.

Mike Lisowski serves as a principal owner and structural engineer at KOMA (Krech, O'Brien, Mueller & Associates). He is in charge of overall design, coordination, and quality control of various structural engineering projects, as well as day-to-day operations of the firm. Mike joined KOMA in 1995. Prior to that, he served as a forensic project engineer at Encompass, Inc.

Brenna Mann, senior vice president and general counsel, Adolfsen & Peterson Construction (A&P), advises the company on all legal and regulatory matters, with a focus on enterprise risk management. Brenna has over 15 years of experience in contract negotiation, claims resolution, and in proactively mitigating risk and protecting corporate capital and profitability.

Liz Poeschl, partner, Meagher & Geer, PLLP, focuses her practice on the prevention and the litigation of business-related disputes, particularly those involving construction and products liability. Liz defends contractors, project owners, land developers, architects, engineers, manufacturers, and suppliers involving private and public construction projects of all types.

Jason Schwab, business and risk consultant, Marsh & McLennan Companies, is responsible for marketing and delivering complex risk management programs to clients and prospects. His core competencies include: construction, oil and gas, agribusiness, alternative energy, hospitality and gaming, machining and manufacturing, and general business exposure.

3:45 p.m. – 5:15 p.m.

TH56. Capacity 600**Keynote Address: Jurors Show and Tell and Announcement of Winners**

Sponsored by the AIA Minnesota Committee on Design

1.25 LUs Experience Level: All

Featured in this keynote address are the three nationally-known architects on this year's AIA Minnesota Honor Awards jury. Each will speak of their practice and unique projects through a presentation of their work. The program will conclude with the announcement of the 2018 AIA Minnesota Honor Awards recipients. Attend and share in the celebration of Minnesota architects and award-winning design.

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THURSDAY, NOVEMBER 15 (Student Day)

3:45 p.m. – 5:15 p.m.

TH56. (continued)



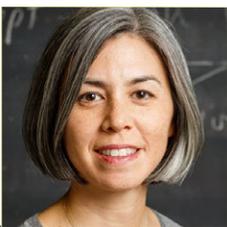
Marlon Blackwell, FAIA, is a practicing architect in Fayetteville, Arkansas, and serves as Distinguished Professor and E. Fay Jones Chair in Architecture at the Fay Jones School of Architecture at the University of Arkansas. Work produced in his professional office, Marlon Blackwell Architects, has received national and international

recognition with significant publication in books, architectural journals, and magazines, and with numerous design awards, including the 2016 Cooper Hewitt National Design Award in Architecture. Blackwell was named a United States Artists Ford Fellow in 2014 and received the 2012 Architecture Prize from the American Academy of Arts and Letters.



Allison Grace Williams, FAIA, has amassed an international portfolio of large-scale civic, cultural, and research facilities. While in practice at SOM, Perkins+Will, and AECOM, Williams' interdisciplinary design leadership generated award-winning buildings that bridge culture, technology, and the environment and convey the values

and traditions of their audience and place. In 2017, Williams established AGWms_studio, a firm built on her history as a team leader who enlists the power of ideas and design thinking as creative tools in mission-strategic problem solving. She is also an adjunct lecturer at Stanford University, a frequent keynote speaker, and an optimistic mentor to the next generation.



Kim Yao, AIA, is a principal of Architecture Research Office (ARO), a 33-person firm in New York City. She holds an undergraduate degree in architecture from Columbia College: Columbia University and a Master of Architecture from Princeton University. Yao is an adjunct assistant professor at Columbia University's Graduate School

of Architecture, Planning and Preservation, and has also taught at the School of Constructed Environments at Parsons the New School and Barnard College. She is on the executive committee and board of both the Center for Architecture and AIA New York, as vice president of public outreach and 2019 president-elect.

5:30 p.m. – 7:30 p.m.

TH57. Westminster Church

Member Reception and Westminster Tour

Sponsored by Mortenson

Wind down your Thursday with a drink and light bites at Westminster Presbyterian Church. Network and socialize with new and old

colleagues. Meet the 2018 AIA Minnesota Honor Award jurors and find out if you are a winner of one of the Minnesota Architectural Foundation raffle items. Take a tour of the updated church, led by James Dayton Architects and Mortenson.



Save the Date: Awards Celebration

Mark your calendars for the AIA Minnesota Awards Celebration Friday, December 7 at the McNamara Alumni Center on the University of Minnesota Campus.

This year's event will feature a new format to honor our award recipients and make it more affordable to attend. Join us to celebrate the best of Minnesota architecture in 2018, including recipients of the Gold Medal, Honor Awards, Young Architect Awards, Special Awards, Louis Lundgren Award for Service, and more!

Watch for more details and a link to online registration, coming soon.

8:00 a.m. – 10:00 a.m.

F58. Capacity 30, Tour

Spero Academy K-6 Charter School

1.0 LUs HSW

Experience Level: All



As a follow up to the presentation “Autism-friendly Design: Insights to Promote Optimal Well-being” presented at A’17 MN Conference, HDR and Spero Academy are hosting a tour of the newly completed K-6 charter school in Northeast Minneapolis. Spero Academy is a school that specializes in creating programs that benefit students with various disabilities. HDR designed the new two-story, 64,000-square-foot school using a research-based process which included conducting staff interviews, touring existing similar facilities, and consulting experts in the field of autism-design. Pre- and post-occupancy data will be collected and analyzed to enhance the research base. The tour will cover aspects of the learning environment created specifically for the student population, explore unique spaces and elements included to better serve the students and promote staff satisfaction, and touch on lessons learned throughout the design and construction process.

Bethany DeLine, interior designer, HDR, is a human advocate, an eclectic creative and an impassioned creator of happy places. Her unique perspectives and strategies towards experiential design have proven her to be a continued asset to interior design and architectural projects. Her work demonstrates a fluent translation between an organization and human experience.

Brian Giebink, AIA, has been a project architect with HDR for the past seven years. During that time, Brian has been the architect on a number of behavioral health projects across the U.S. and Canada, including Spero Academy’s new school for students with special needs. Brian is committed to ensuring the best possible outcome for students through research-driven design, user input, and a collaborative design approach.

Michael Nelson, AIA, is the architectural project manager for the Spero Academy. With 18 combined years in project leadership and contract administration, Michael is experienced in the management of educational and healthcare projects incorporating advanced technology and the latest in planning principles.

Chipp Windham serves as the director/principal/superintendent of Spero Academy Charter School. Chipp assumed the leadership of Spero Academy in November of 2014 and continues to work towards the expansion of grades, services, and impact in the special education community.

◦ **An additional fee is required. Shuttle bus transportation is provided.**

F59. Capacity 480

Future of Healthcare: Disruptive Agents of Change

Sponsored by the AIA Minnesota Health Design Knowledge Community

2.0 LUs HSW Experience Level: Entry

Healthcare companies are facing a time of turbulence and transformation. Social, political, cultural and technological forces are driving change throughout the industry. As a design community, it is our responsibility to understand these disruptive agents of change and help our clients face these challenges head on. At this program, we will dive into a discussion of a few of the drivers of change that we see, as well as look at some recent design solutions that can help healthcare providers tackle new and growing challenges in the healthcare market.

Rick Hintz, AIA, LEED AP, ACHA, senior medical planner, BWBR, brings 30+ years of healthcare strategy, programming and planning experience in a wide range of healthcare engagements for both non-profit and for-profit entities, scaled from critical access hospitals to large tertiary academic medical centers. Rick has had the opportunity to work with a number of aggressive growth-based organizations such as United Healthcare, Rush Presbyterian, and Kaiser Permanente in aligning facility initiatives to optimally support a forward-looking care delivery strategy.

Alena Johnson, AIA, director of architecture, healthcare, Ryan Companies, Inc., is a board-certified healthcare architect with extensive experience in full-service hospitals and ambulatory and outpatient care facilities. As a director of healthcare architecture for Ryan Companies, Alena participates in all aspects of the healthcare design process. Her expertise is in identifying trends and best practices, and in utilizing the latest research, data analytics and evidence-based design practices to achieve the best results for patients, families and staff.

Jim Lammers, FAIA, FACHA, Facility Planning Services, LLC, has worked nationally and internationally with dozens of hospitals, clinics and ambulatory care facilities and is an expert at master planning, programming and conceptual design. His background as an architect allows him to program and plan holistically, considering operational efficiencies and space requirements as well as code, construction and cost issues.

Jennifer Ukura, AIA, is a project architect at BWBR. She started working in 2012 and for the last three years her work has been focused on healthcare projects ranging in scale from remodels and additions at existing hospitals to new medical office buildings and critical access hospitals. Her work has also spanned across several healthcare specialties including imaging suites and surgery departments including hybrid ORs.

David Voller, senior operational planner, BWBR, is an experienced operations leader offering a demonstrated history of producing revenue, reducing operating costs, implementing new systems, and building and redesigning operations. David has over 17 years’ experience with Mayo Clinic in Rochester,

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8:00 a.m. – 10:00 a.m.

F59. (continued)

MN and another 2.5 years with Mayo Clinic Health Systems in northwestern Wisconsin. Prior to BWBR, David was assistant vice president for Ambulatory Care and Allied Health at Gillette Children's Specialty Healthcare.

8:30 a.m. – 10:00 a.m.

F60. Capacity 90, Workshop

Networking Breakfast with Women in Architecture

Sponsored by the AIA Minnesota Women in Architecture Committee

1.5 LUs Experience Level: Entry

Come to the table and join the conversation with leading women architects in Minnesota. Small group discussions will be moderated by women leading the profession in design, academia, and community service. Join these thought leaders in a valuable conversation about professional practice and the challenges architects face. Consider the status and strategies of office culture to cultivate increasing diversity in the profession of architecture. Discuss the realities and consequences of the #MeToo movement. Talk about retaining talent and what type of support actually makes a difference to women. Men are welcome and encouraged to attend this session because the topics discussed impact everyone.

Renée Cheng, FAIA, DPACSA, is a nationally renowned professor in the UMN School of Architecture. Cheng has been recognized for education excellence including two honors as one of the top 25 most admired design educators in the United States by DesignIntelligence. She is director of the Master of Science in Research Practices, the innovative program linking research with practice and licensure.

Amy Douma, AIA, LEED AP, vice president/design principal, HGA Architects and Engineers, is a specialist in healthcare design. Her work integrates complex programmatic requirements with a sensitivity to community and culture. Her work has been recognized through numerous awards, and in 2017 she received the AIA MN Young Architects Award for leadership and contributions to the profession.

Vicki Hooper, AIA, is a licensed architect and has been a project manager at HGA Architects and Engineers for over 20 years. Vicki was a recipient of the AIA National Young Architects Award in 1993 and the AIA MN Louis Lundgren Award in 2007. She has served as a volunteer, board member and officer for multiple organizations including past president of AIA Minneapolis and past chair of the Minneapolis Architectural Foundation.

Amy Kalar, AIA, LEED AP BD+C, is a project manager and medical planner with Cunningham Group Architecture, Inc. A co-founder of the AIA MN Women in Architecture Committee and president-elect of the Minnesota Architectural Foundation, Amy is a leader in the movement to enhance women's roles and broaden diversity in the design community. Amy was recognized with a 2016 AIA National Young Architects Award, and the 2016 Building Design and Construction 40 Under 40 Award.

Janis LaDouceur established her architecture firm, LaDouceur Architecture & Design, in 1993. She is an architect whose designs reflect her clients' dreams and memories. Her firm's focus is on public work including cultural museums and educational centers. Janis was the principal architect of The Nicollet, a 56-story high rise condominium that was to be constructed at 10th and Nicollet in Minneapolis.

Karen Lu, AIA, Snow Kreilich Architects, is committed to design excellence and to positively impacting future generations of architecture professionals and global citizens. Her passion for making connections and building relationships inspires her integrative approach to design thinking. She was recognized with a Young Architects Award from AIA MN in 2014 and by AIA National in 2016.

Heidi Neumueller, AIA, is an associate at Cunningham Group Architecture, Inc. Her work is focused on creating flexible and innovative worship and educational environments. Heidi recently led a series of design workshops sponsored by the American Architectural Foundation's Design for Learning. Her research into the design of all-inclusive restrooms is helping school districts across the country understand the key design components that contribute to safety and security of students.

Malini Srivastava, AIA, is the co-principal of DandElab and is an assistant professor at North Dakota State University. Starting in January 2019, she will join the UMN School of Architecture as the Assistant Professor in Resilient and Regenerative Design. In 2014 she received the Archibald and Edyth Bush Fellowship, based on a university-city-utility partnership project to reduce city-wide energy use. In 2017 Malini received the Outstanding Educator Award from NDSU. In 2018 she received the AIA National Young Architects Award.

Angela Wolf Scott, AIA, is a principal of MacDonald & Mack Architects. She was recognized with an AIA MN and AIA National Young Architects Award in 2016 and 2018 respectively. As a historic architect, she is dedicated to preserving our architectural heritage and providing building owners with the knowledge necessary to be responsible stewards to their historic buildings. She shares her expertise with the next generation as an adjunct instructor at the University of Minnesota.

8:30 a.m. – 10:00 a.m.

F61. Capacity 280**The Best in Development: What Are We Aiming For? How Do We Get There?**

Sponsored by the 21st Century Development Task Force

1.5 LUs | HSW | Experience Level: Intermediate

The ideal development, as defined for the 21st Century, is resilient and regenerative. It is focused on how materials and resources are utilized and replenished, and to how people's lives are made better in terms of health, beauty, and equity. In this session, the 21st Century Development (21CD) web resource will be unveiled, including paths for moving from standard to regenerative development and case studies that provide real-world inspiration. Engage with our final keynote speaker, Bryan Lee, Jr., about U.S. projects that he lifts up for their equitable processes and outcomes, and from members of the 21CD Task Force about other projects that inspire. Barriers to the best in 21st Century Development will be identified, and we will explore how to break down those barriers. Next steps in the 21CD effort, including research teams focused on Minnesota sites and a recognition program, will also be shared.

Bryan Lee is founder/director of Colloqate Design, a nonprofit multidisciplinary design practice dedicated to expanding community access to design and creating spaces of racial, social and cultural equity. Bryan is a designer and design justice advocate. He most recently served as the Place + Civic Design Director for the Arts Council of New Orleans and prior to that at the 2014 AIA National Firm of the Year, Eskew+Dumez+Ripple (Architecture) in New Orleans.

Jeffrey Mandycyk, AIA, LEED AP, Higher Education Studio leader + design principal, Cunningham Group Architecture, Inc., serves as chair of AIA Minnesota's 21st Century Development Task Force. Focusing on learning, campus, and community environments throughout his 26 years of architecture practice, Jeffrey has led award-winning designs through values- and vision-based approaches. Jeffrey was awarded AIA MN's Young Architect in 2012, and is an adjunct assistant professor at the College of Design.

Mary-Margaret Zindren, CAE, is the executive vice president of AIA Minnesota. She received her B.A. in Public Administration from Miami University in Oxford, OH, and her Masters Degree in Public Affairs with a focus in Public and Nonprofit Leadership from the UMN Humphrey School. In addition to her career-long focus on association management, advocacy, public relations, and governance, Mary-Margaret has led diversity and inclusion efforts at the League of Minnesota Cities, the Hennepin County Bar Association, and now at AIA Minnesota.

F62. Capacity 120**Reality of Practice: Where is the Value?**

Sponsored by the AIA Minnesota MFBA Committee

1.5 LUs | Experience Level: Entry

The architectural profession has been aware, since the 70s, the path to building no longer starts with the architect. The architect's role was reinforced by the long-term values and social agendas held by public sector clients. The gradual decline of architects working for public sector (1976 = 49% to 2017 = 0.7%) has shifted architects to focus practice on values of the private sector. This shift has required a mode of practice that understands private sector success is often financially driven and relies on short-term strategies. This panel discussion will share private sector experiences and explore how architect can bring value to the built environment by balancing financial and political pressures with long-term social and aesthetic ideals for architecture. The goal of the panel's dialog is to explore how architect can occupy a bigger role in the decision-making process.

Garrett Harper is an associate principal of the Economics + Advisory practice in AECOM's Chicago office. He focuses on assessing development strategy, risk allocation, economic potential, and financial structure of new development, often at the intersection of major infrastructure works and related real estate development.

Alex Duval is the founder and principal of Duval Design and Duval Development. Together, the companies create design, development and policy solutions for public, private and nonprofit ventures that enhance the built environment. He has over eighteen years of experience working on projects in the United States, France, Italy, China, Korea and India.

Spencer Finseth, LEED AP, principal, Greiner Construction, oversees all new construction and large renovation projects. He has managed a variety of project types including corporate workspace, multi-housing, hotels and restaurants, and churches. He has direct experience with almost all phases of the construction process including estimating, scheduling, and cost control.

Mitch Weaver, LEED AP, executive vice president of operations, Greiner Construction, has proven to know all aspects of construction. He spent 15 years as a superintendent then project manager, project executive and vice president. Mitch is customer focused and understands that a successful project doesn't just mean being completed on time and on budget, but also exceeding the client's expectations.

8:30 a.m. – 10:00 a.m.

F63. Capacity 280

Cohousing: Resident Developed Communities

1.5 LUs Experience Level: Entry

What is the essence of creating better communities? This topic will be explored through the experiences of professionals who specialize in resident developed neighborhoods. Learn how the Danish model of cohousing has been interpreted and modified to align with American values and systems. We will examine the “hardware” and “software” of these creative and innovative communities and how they are addressing some fundamental needs of our society. An introduction to the concept will be presented as well as case studies and analysis of what works and the challenges that remain.

Nola J. Hitchcock Cross, managing attorney, the Cross Law Firm S.C., is an attorney and development consultant for cooperatives and cohousing based in Milwaukee. She has developed cooperative housing with HUD insured loans and has in progress urban cohousing in Milwaukee and an Agri-hood in Oak Creek, Wisconsin. She is a regular presenter at the Midwest Energy Fair on sustainable cohousing, cohousing legal structures and formation, and integrating farming into cohousing.

Lynn Englund is president of the Twin Cities Cohousing Network. Her interests include the formation and history of intentional communities, practices of democratic governance by consent, and small group facilitation. She has been a primary instructor in a summer philosophy course titled “Lives Worth Living”. She taught family education courses in the Department of Family Social Science until retiring in 2018.

John Kalmon, AIA, LEED-AP, is principal of John P. Kalmon Architect LLC, founded in 2003. His work ranges from custom homes and retrofits that accommodate multi-generational living, special needs, and aging in place, to buildings for creative businesses and outdoor education and recreation. Working in partnership with Cohousing Solutions and other national affiliates, he is currently organizing local residents to create custom neighborhoods based on the principles of cohousing and ecovillage design.

10:15 a.m. – 11:45 a.m.

F64. Capacity 209

A Diverse Workforce Pipeline for the Future

Sponsored by the AIA Minnesota Architecture in the Schools Committee and the Equity, Diversity, and Inclusion Committee

1.5 LUs Experience Level: All

The architecture industry suffers from a lack of racial diversity. According to AIA Minnesota’s Diversity Task Force Report (2015), 13.86% of U.S. architects and 4.35% of Minnesota architects identify as people of color. The report cites increasing diversity as “a key business goal for architectural practices.” This program

will present the STEP-UP Career Pipeline internship program. STEP-UP recruits, trains, and places more than 1,600 young people – many from underrepresented populations – in paid internships at more than 200 employers per year. In 2018, a new Design Pipeline program was launched to introduce high schoolers to the architecture profession, allowing them to find mentors and to chart their career trajectories. Attend this program and see how STEP-UP Career Pipeline is an innovative model that can positively impact workforce diversity.

Damaris Hollingsworth, AIA, NOMA, LEED AP, is vice president for THOR Design Plus. Damaris is an inclusive architectural thought leader whose dynamic and engaging personality, combined with her global and multicultural background, enable her to connect with people from all walks of life. Damaris is poised to expand the reach of inclusive architecture.

Joan MacLeod, PLA, ASLA, LEED AP, principal, Damon Farber Landscape Architects, has practiced landscape architecture within the Twin Cities for the past 25 years. Joan is a member of the planning team to develop the STEP-UP Design Pipeline, has hosted STEP-UP interns at Damon Farber, and is currently serving on the Minneapolis Downtown Think Tank: Imagining an Inclusive Downtown.

James Olson is an employer engagement associate with the STEP-UP program. His role is to meet with employers about the importance and value of working with high school-aged interns from diverse backgrounds.

Anna Pravinata, AIA, principal, Alliance, has dedicated much of her professional career to designing leading-edge research facilities for both corporate and academic institutions. As a woman architect of color, Anna is passionate about creating a more inclusive culture in the architectural profession and is one of the co-chairs for the AIA Minnesota EDI Committee.

F65. Capacity 90, Workshop

Social Impact Design at Three Scales

Co-sponsored by the AIA Minnesota Housing Advocacy Committee

1.5 LUs Experience Level: Entry

Many communities across the country contend with housing inequities, including lack of affordable housing and homelessness. Local non-profit organizations face problems with limited space and materials to meet the needs of their clients. As architects we ask, what can we do? For the past 35 years, the Minnesota Design Team has completed over 135 visits to rural communities where volunteers develop ideas to improve the local built environment. Over its 30-year span, the Search for Shelter charrette has paired designers with nonprofit housing organizations for a weekend of pro bono design. More recently, HGA Architects and Engineers has supported an internal community design workshop that coordinates 8-12 hours of design assistance for local non-profit organizations such

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10:15 a.m. – 11:45 a.m.

F65. (continued)

as public schools. This program will present these three programs of various scales and involvement that all bring together design professionals to engage in social impact design. Attend this program. Be inspired. See how you can make an impact.

Jessica Horstkotte, Assoc. AIA, is senior design coordinator at HGA Architects and Engineers and founder and co-chair of HGA's Community Action. Building on her graduate school research focused on effective business models for Social Impact Design, Jessica now 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.

Jim Lutz, AIA, has been active in public interest design at the UMN School of Architecture since 2008, serving as faculty advisor for Architecture for Humanity's post-earthquake studios in Haiti and student-led work in Jamaica, Sierra Leone, and Nigeria. He has taught courses on architecture for social impact and has presented on the topic at regional, national, and international conferences. He was the 2015 recipient of the National Architectural Educator Award from AIAS.

Paul Mandell has served as principal planner (28 yrs.) and as executive secretary (3 yrs.) for the Capitol Area Architectural and Planning Board (CAAPB). He is a member of the Minnesota Design Team, and has also served on the Inver Grove Heights Housing Committee, Planning Commission, Environmental Commission, and twelve years on the School Board.

Benjamin Ptacek, AIA, DJR Architecture, Inc., has been involved with AIA Minnesota's Search for Shelter design charrette for nine years both as a design volunteer and as a veteran of the planning committee. He co-chaired the AIA Minnesota Housing Advocacy Committee from 2013 to 2015. His interest in advocating for equity in design and design practice has led him to participate in the AIA Minnesota's EDI Committee as well as the Architecture in the Schools Committee.

F66. Capacity 280

A Toolkit: Revealing and Reducing Toxic Materials in Multifamily Housing

1.5 LUs | HSW | Experience Level: Intermediate

Low-wealth individuals are likely to live in communities with higher levels of toxic pollution, and often host facilities that are sources of hazardous emissions. Despite growing evidence that affordable housing is an effective platform for mitigating a range of health disparities—access to healthy food, mental health, increased physical activity, social connectedness—a critical health component remains overlooked: chemical toxins in the built environment. Using case studies and focusing on common product categories used in multifamily housing interiors, the session will introduce criteria for the selection of less toxic materials, demonstrate processes for vetting specific products on hazard spectrum, and discuss the importance of transparency and disclosure.

William (Billy) Weber, collective impact director, Healthy Building Network (HBN), oversees the leadership and design of HBN's communities of practice and educational activities, with a focus on the HomeFree Affordable Housing Initiative. Billy's work focuses on the integration of sustainability and architecture through applied research, exploring and developing tools to evaluate and compare what are often disparate aesthetic, economic, and environmental goals.

F67. Capacity 120

Contracts 101: Why and When You Need Them

Sponsored by the AIA Minnesota MFBA Committee

1.5 LUs | Experience Level: Entry

This session will focus on fundamental contract concepts, such as why contracts are important, when contracts exist (even if you didn't sign anything), and which contracts to use when. We will discuss why everyone on the team should be familiar with the contract, and what resources are available when reading and writing contracts. This will not be a discussion of contractual fine print or legalese interpretation. We will be using real-life situational examples to talk about the impact agreements can have on architectural practice with audience weigh-in on how they would respond in given situations.

Michelle Mongeon Allen, AIA, CEO of JLG Architects, helped guide the firm's growth from a closely-held partnership to a 100% employee-owned organization over the course of her tenure. Though she dedicates significant time to JLG's business operations, strategy, and planning efforts, Michelle also has several AIA award-winning design projects to her credit.

Mark Kalar, AIA, is chief corporate counsel at Cuningham Group Architecture, Inc. Relying on twenty years of experience as an architect, he frequently speaks and writes on ethics, public policy, risk management, and other topics related to the intersection of law and the built environment. Mark is an In-House Counsel Fellow with the American Bar Association's Forum on Construction Law and past co-chair of AIA Minnesota's Government Affairs Committee.

F68. Capacity 280

Tension & Resolution: New Ideas for Community Public Engagement

1.5 LUs | Experience Level: Intermediate

Listen as three public and private sector design and development leaders frame tensions regularly met in public engagement processes, identify creative options for working past differences, and identify cutting-edge processes with institutional backing. Topics in public engagement will be presented, followed by a panel discussion and audience Q&A to dig deeper into the concepts and potential solutions.

CONTINUED ON NEXT PAGE >

10:15 a.m. – 11:45 a.m.

F68. (continued)

Adam Regn Arvidson, FASLA, is the director of strategic planning for the Minneapolis Park and Recreation Board (MPRB), and a member of the agency's Racial Equity Guidance Team. He also manages MPRB's equitable engagement strategies and capital improvement program. Adam is a landscape architect and a writer with more than 100 published articles on design, planning, architecture, and the environment.

Gretchen Nichols is program officer for the Local Initiatives Support Corporation (LISC), supporting the real estate lending team as it expands regionally. Gretchen provides a strong background in convening and working with community-based organizations and local government to articulate and achieve community development goals.

David M. Motzenbecker, ASLA, PLA, is principal of Motz Studios LLC, and former design director for the Landscape Architecture Studio at Cunningham Group Architecture, Inc. He served as president and Mayor's Representative for the Minneapolis City Planning Commission for 8 years and has 17 years of experience across varying project types and scales. David has worked extensively with a variety of constituencies in public realm design and cutting-edge engagement work throughout his career. He clearly understands the bridge between policy and design and consistently uses that to build community.

Danyelle Pierquet, PLA, APA, is a landscape architect at ISG Landscape Architecture, with nearly 15 years working in the Twin Cities on public realm and private development projects, and recently relocated to Green Bay. Danyelle holds professional registration in multiple states, is a member of AIA, APA, and ULI, and leads landscape architecture efforts in ISG's Green Bay office. She is passionate about urban design and high-quality public places.

12:00 p.m. – 2:00 p.m.

F69. Capacity 410

Keynote Address: Design Justice: Design as Protest

Sponsored by the Minnesota Architectural Foundation and AIA Minneapolis

1.25 LUs | Experience Level: All

The built environment is a documentarian of inequity. It holds the stories of time and place in its structure. For every injustice in this world, there is an architecture design to perpetuate it. This talk is focused at the intersection of justice and the built environment because when oppression and injustice are institutionalized and then manifested in our buildings, the resultant conditions alter our experience in space over generations. We will explore the privilege and power structures that define the built environment and look at how organizing, advocacy, and design justice work to bind racial, social, and cultural equity and challenge the systems of inequity that use architecture and planning to create systems of injustice throughout the built environment.



Bryan Lee is a designer and design justice advocate. He is the founding organizer of the Design Justice Platform and organized the Design As Protest National Day of Action. Bryan has led two award-winning architecture and design programs for high school students through the Arts Council of New Orleans and the National

Organization of Minority Architects. He is on the National AIA Equity and the Future of Architecture Board Committee. He is the recipient of the 2013 AIA Diversity Recognition Award, 2014 NOMA member of the year, 2015 Next City Vanguard Fellow, and 2015 International British American Project Fellow. Bryan was a 2016 TED Speaker and SXSW Eco Keynote. He was named one of the 40 Under 40 by the National Trust and was selected for the 2018 Fast Company Most Creative People in Business.

2:15 p.m. – 4:00 p.m.

F70. Capacity 30, Tour

Block Party: The Redevelopment of the Kraus-Anderson Block

1.5 LUs | Experience Level: All

Join us for a tour of an ambitious redevelopment of a downtown block in Minneapolis. The development includes a new headquarters building for Kraus-Anderson, a 17-story apartment tower, an Autograph Collection hotel, FINNEGANS Brewery, and a central outdoor gathering space for neighbors and guests. Burt Coffin, AIA, of ESG Architecture & Design will lead a tour of the HQ Apartments and the Elliot Park Hotel, concluding at FINNEGANS, where we will hear from Jacquie Berglund, the brewery's Rambunctious Social Entrepreneur, while enjoying a purchased cold beverage or two.



Jacquie Berglund, CEO/Co-Founder FINNEGANS, the first beer company in the world to donate 100% of profits to fund fresh produce for those in need. Through the creation of both FINNEGANS Inc. and its nonprofit counterpart, FINNEGANS Community Fund, Jacquie has championed an innovative, market-based approach to addressing and raising awareness about food security in communities across the Midwest.

Burt Coffin, AIA, partner, ESG Architecture & Design, is a lively and attentive designer with a global perspective and decades of expertise. Burt collaborates with clients to create imaginative designs with outstanding functionality and aesthetic originality. His designs contribute to a new or renovated building's streetscape, as well as the neighborhood's sustainability, walkability and bike-ability. Within a building, he deftly balances residential density and urban amenities, even on tight budgets.

◦ **An additional fee is required. Shuttle bus transportation is provided.**

HOW TO REGISTER

Register early!

All Pre-registration ends November 6, 2018. Registration will resume on November 13 at the Convention Center at which time a late fee will be assessed (\$15 members and \$25 non-members).

Register online!

Online registration is simple, speedy, and secure! Online registration ensures immediate feedback and confirmation on all programs.

SKIP THE FORM BELOW AND REGISTER ONLINE TODAY!

www.aia-mn.org/registration/

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

Complete the entire form, pages 35-37. 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, please call in your credit card, and send the completed form to Amber Allardyce: 612-338-7981 (fax) or allardyce@aia-mn.org. Do not fax, mail, or email after **November 6, 2018**.

STEP 1: SELECT YOUR REGISTRATION PACKAGE, RATE, AND ADD-ONS

A) REGISTRATION PACKAGES & RATES

1. Full Conference Registration

Enjoy four days of events during the Conference, including T11 & F69. Please indicate on pages 36-37 which events you plan to attend. Review Section C to add optional tours with an additional fee.

\$300 Member* \$425 Non-Member

*Register online and receive a \$15 discount off this package:
\$285 Member / \$410 Non-Member*

2. Create-Your-Own Package

Select events on a cost per event basis. Please indicate on page 36-37 events you plan to attend. Additional fees are required for T11 & F69 (see Section B) and Tours (see Section C).

\$78/event, Member* \$114/event, Non-Member

3. Emeritus Member Registration

AIA Emeritus members can choose any number of events, including T11 & F69. Please indicate on pp 36-37 which events you plan to attend. Review Section C to add optional tours with an additional fee.

\$150

4. NEW! Associate Member Registration

AIA Associate members can choose any number of events, including T11 & F69. Please indicate on pp 36-37 which events you plan to attend. Review Section C to add optional tours with an additional fee.

\$150

5. Student Full Registration

Choose any number of events. Please indicate on pp 36-37 which events you plan to attend. Additional fees are required for T11 & F69 (see Section B) and Tours (see Section C).

\$25

B) ADD-ONS FOR PACKAGE 2 OR 5

If you selected Package 2 or 5, please indicate if you plan to attend the following events with a meal, for an additional fee.

T11. Member Congress and Lunch, \$30

F69. Keynote Address: Design Justice: Design as Protest, \$30

C) EVENTS WITH ADDITIONAL FEES (TOURS)

The following tours are offered at an additional fee. Fee includes round trip shuttle bus from Convention Center for all tours.

W28. Cuningham Group Architecture, Inc. WELL Building Tour, \$45

TH50. Dayton's Project: Untangling Life Safety Issues in a 115-Year-Old Icon, \$45

F58. Spero Academy K-6 Charter School, \$45

F70. Block Party: The Redevelopment of the Kraus-Anderson Block, \$45

TOTAL AMOUNT

Add selections from A-C

\$

CONTINUE FORM ON NEXT PAGE >

*See organizations that qualify for member rate on page 36.

REGISTRATION (Form for mail/fax/email only)**STEP 2: ATTENDEE & PAYMENT INFORMATION**

Name: _____

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

AIA Member #: _____

OR write in associated membership: _____

(see qualifying list below)

Title: _____

Firm: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

E-mail: _____

(required to receive confirmation)

 First-time attendee **Accommodation requests**

AIA Minnesota strives to ensure that this conference is accessible to all individuals. If you have accommodation requests, such as dietary restrictions, sign language interpretation, accessible seating, or other accessibility requirements, please check the box and a member of the AIA Minnesota staff will contact you to obtain information about your specific requests. Although we will attempt to meet all accessibility requests, requests submitted after November 6, 2018 may not be fulfilled.

Total Amount Due \$ _____

Method of Payment* (check one) Check (enclosed) MC Visa AmEx Discover

Account Number: _____

Exp Date: _____ CVV/CID: _____

Name on Card: _____

(if different from above)

*Note: If emailing or faxing this registration form, please leave the credit card fields blank and call us at (612) 338-6763 with specific information.

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

Conference Registration Cancellation/Refund Policy

Cancellation requests must be received in writing on or before November 6, 2018.

E-mail or fax your request to: allardyce@aia-mn.org; fax: 612-338-7981. Cancellations received by November 6 will receive a refund minus the \$50 processing fee.

No refunds are available after November 6, 2018. Contact Amber at AIA Minnesota, 612-338-6763 or allardyce@aia-mn.org with any questions.

STEP 3: CHOOSE YOUR EVENTS

Indicate which events you plan to attend. Events that reach maximum capacity will be posted on the AIA Minnesota website at www.aia-mn.org. **Access to the Exhibit Hall is FREE to all.**

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

Tuesday, November 13**8:30 a.m. – 10:00 a.m.**

- T1. The Road to WELL, Pain Free!
- T2. Gray Area Thinking™: Welcoming Diverse Humans
- T3. Glazing System Selection: A Performance-Based Approach
- T4. Code Compliance Planning for Corporate Interiors

9:00 a.m. – 11:45 a.m.

- T5. Get a Grip on Your Business
- T6. Building Enclosure Design and Practice: Where the Wall Meets the Roof

10:15 a.m. – 11:45 a.m.

- T7. Designing for Occupant Well-Being with B3 IEQ Guidelines
- T8. Designing for Inclusivity: Sensory-Friendly Spaces for a Truly Integrated Community
- T9. Designing to Maximize Daylighting & Views for Occupant Well-Being
- T10. both and

12:00 p.m. – 2:30 p.m.

- T11. Member Congress and Lunch: Working the Plan & Engaging the Public

2:45 p.m. – 4:00 p.m.

- T12. Keynote Address: Making Connections

4:00 p.m. – 6:00 p.m.

- T13. Exhibit Hall – Opening Night Celebration – FREE

6:00 p.m. – 7:30 p.m.

- T14. Keynote Address: Mayoral Panel on Affordable Housing – FREE

Wednesday, November 14**7:30 a.m. – 8:30 a.m.**

- W15. The AIA Minnesota Public Policy Approach and Agenda

8:00 a.m. – 10:00 a.m.

- W16. Ethics in Ethically Challenging Times
- W17. Designing Precast Concrete Parking Structures
- W18. ARE 5.0 Review: Construction and Evaluation

CONTINUE FORM ON NEXT PAGE >

REGISTRATION (Form for mail/fax/email only)**Wednesday, November 14 (continued)****8:30 a.m. – 10:00 a.m.**

- W19. Was Cass Gilbert Right?
- W20. Campuses, Airports, and Transit Stops: The Planners Behind Your Places
- W21. How to Properly Specify an Air Barrier System

10:15 a.m. – 11:30 a.m.

- W22. *Architecture MN*: Re-Imagining the Magazine to Grow the Value of Architecture
- W23. Getting Beyond the Shell
- W24. Natural Stone: The Original Sustainable Material
- W25. Towards a New Era of Professional Training
- W26. Both Sides Now: Architects as Owners
- W27. Designing the Edge: Corners, Canopies, and Cornices

10:15 a.m. – 12:00 p.m.

- W28. TOUR: Cuningham Group Architecture, Inc. WELL Building (add'l fee, see Step 1, Part C)

11:15 a.m. – 2:30 p.m.

- W29. Exhibit Hall – FREE

2:30 p.m. – 4:00 p.m.

- W30. Interrupting Bias to Counter Harassment and Discrimination
- W31. Architecture + Lighting Design Synergy
- W32. Nutrition Facts of Buildings for Energy-Efficient Design
- W33. Amazing Work Environments: Creating Positive Firm Cultures
- W34. Good Design: The Developer's Perspective
- W35. Divine Details

3:45 p.m. – 6:00 p.m.

- W36. Exhibit Hall – FREE

6:00 p.m. – 7:30 p.m.

- W37. Keynote Address: DS+R: Working as Artists, Urbanists, and Architects

Thursday, November 15**7:30 a.m. – 8:30 a.m.**

- FB. Fellows (FAIA) Breakfast

8:30 a.m. – 11:45 a.m.

- TH38. The Ethics of Exploring Culture and Identity

8:30 a.m. – 10:00 a.m.

- TH39. Networking: Get to the Good Stuff
- TH40. The Dirt on Land Surveying
- TH41. Rebuilding Puerto Rico
- TH42. Real World Uses of Machine Learning in Design
- TH43. Demystifying the AIA 2030 Commitment

10:15 a.m. – 11:45 a.m.

- TH44. 2 + 2: Achieving Outstanding Design
- TH45. Affordable and Workforce Housing: A Panel Discussion
- TH46. Designing for Resilient Cities
- TH47. Generative Matter
- TH48. Designing for the Midwest Future: Integrating Resiliency and SB 2030

11:30 a.m. – 2:00 p.m.

- TH49. Exhibit Hall – FREE

1:45 a.m. – 3:30 p.m.

- TH50. TOUR: Dayton's Project: Untangling Life Safety Issues in a 115-Year-Old Icon (add'l fee, see Step 1, Part C)

2:00 p.m. – 3:30 p.m.

- TH51. Delivering Design Excellence: Snow Kreilich Architects, 2018 AIA Architecture Firm Award
- TH52. Professional Lighting Analysis for Architects
- TH53. Incorporating Design, Policy, and Finance to Increase Housing Opportunity and Affordability
- TH54. Successful Design-Build Projects from MEP Engineer Perspective
- TH55. A Collaborative Approach to Dealing with Risk

3:45 p.m. – 5:15 p.m.

- TH56. Keynote Address: Jurors Show and Tell and Announcement of Winners

5:30 p.m. – 7:30 p.m.

- TH57. Member Reception and Westminster Tour

Friday, November 16**8:00 a.m. – 10:00 a.m.**

- F58. TOUR: Spero Academy K-6 Charter School (add'l fee, see Step 1, Part C)
- F59. Future of Healthcare: Disruptive Agents of Change

8:30 a.m. – 10:00 a.m.

- F60. Networking Breakfast with Women in Architecture
- F61. The Best in Development: What Are We Aiming For? How Do We Get There?
- F62. Reality of Practice: Where is the Value?
- F63. Cohousing: Resident Developed Communities

10:15 a.m. – 11:45 a.m.

- F64. A Diverse Workforce Pipeline for the Future
- F65. Social Impact Design at Three Scales
- F66. A Toolkit: Revealing and Reducing Toxic Materials in Multifamily Housing
- F67. Contracts 101: Why and When You Need Them
- F68. Tension & Resolution: New Ideas for Community Public Engagement

12:00 p.m. – 2:00 p.m.

- F69. Keynote Address: Design Justice: Design as Protest

2:15 p.m. – 4:00 p.m.

- F70. TOUR: Block Party: The Redevelopment of the Kraus-Anderson Block (add'l fee, see Step 1, Part C)



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