



## Minnesota Conference on Architecture 2025

### A'25 MN Session Learning Objectives

#### **M01. Window(s) into the Building Enclosure as a Complete System**

- 1: Review the physics of moisture, air, and heat movement applied to the Building Enclosure from windows and the impact on indoor air quality and occupant comfort.
- 2: Accurately define the Building Enclosure Control Layers and explore how different window types interact with these forces.
- 3: Examine details of different window systems, from residential-style windows to storefront and curtain wall, and how they best integrate and perform to withstand the environmental factors with a proper seal to block out pollutants and resistance to mold and mildew.
- 4: Discuss best practices for communicating the design intent with an eye towards constructability and interaction with different claddings and a structurally safe building.

#### **M02. Addressing Unmet Needs: Behavioral and Mental Healthcare in Minnesota**

- 1: Articulate common misconceptions about mental health and mental illness.
- 2: Explain ongoing efforts to address the unmet need for mental and behavioral health services across the state.
- 3: Discuss the responsibility of the design community to serve people experiencing mental illness.
- 4: Explore the ethical considerations when designing for people experiencing mental and behavioral health conditions in a variety of space types.

#### **M03. Applying the AIA Framework for Design Excellence in Everyday Practice**

- 1: Analyze how the principles of Design for Integration, Equitable Communities, and Ecosystems can be practically implemented in client conversations and project workflows.

- 2: Explore the impact on the health, safety, and wellness of occupants when the various applications of the AIA Framework for Design Excellence are implemented into a project.
- 3: Explore the intersection of sustainability, equity, and professional recognition by examining how AIA award criteria align with high-impact sustainability practices.
- 4: Identify resources available for advancing the profession and the safety and quality of our buildings.

#### **M04. 2+2: Design for Integration**

- 1: Learn how the design process can promote a long-term relationship between designers, users, and operators to ensure design intent is achieved while also improving building performance over time.
- 2: Learn how Design for Integration serves as a catalyst step toward addressing the greater Framework for Design Excellence.
- 3: Learn how to utilize lessons learned and knowledge sharing to improve the next generation of work through mentorship.
- 4: Learn about strategies that help promote a sense of discovery and delight in projects.

#### **M05. Mass Timber 101: Laying the Groundwork for Success**

- 1: Explain what mass timber is and why early supplier collaboration is essential to feasibility, budgeting, and overall project success.
- 2: Explain how early-stage architectural decisions—such as grid layout and specifications—affect the potential for incorporating mass timber.
- 3: Identify key technical considerations, including fire ratings, moisture mitigation, and carbon sequestration, and understand their role in early planning.
- 4: Explain the basics of connections and joinery design to help with early conversations with clients.

#### **M06. Beyond Net Zero: Time, Carbon, and the Future of Smarter Energy Design**

- 1: Describe the changes happening to the electric grid and why this information can inform how we design buildings that are more energy efficient and flexible.
- 2: Realize how the timing of energy use affects its environmental impact and stress and how to design a building to support this use of energy.
- 3: Evaluate which types of strategies can make a building a good “grid citizen”, preventing black-outs and other stressors on the power grid.
- 4: Compare and contrast metrics that can be used to evaluate building interaction with the grid in order to design for improved building reliability during grid stress events, and ensure safe, comfortable environments.

### **M07. Honor Awards Jurors Show Their Work**

- 1: Compare and contrast the work of three award-winning firms with national and international influence.
- 2: Identify the design details that make their projects unique.
- 3: Assess how the design processes and practice philosophies are similar or different from your own.
- 4: Compare the ways in which the three represented firms have been able to address/integrate AIA Framework for Design Excellence measures across their projects.

### **M08. Navigating the Business of Architecture in Uncertain and Steady Times**

- 1: Identify core and firm-specific operational strategies for maintaining financial and organizational health during economic shifts.
- 2: Compare how firms of different sizes and structures approach staffing, project management, and client relations to foster both stability and adaptability.
- 3: Analyze the role of leadership models, internal culture, and communication practices in helping firms navigate uncertainty.
- 4: Apply tailored lessons from a range of firm types to shape business practices that are both resilient and aligned with firm values.

### **M09. Visualizing Affordable Housing Perspectives: An Image-Based Evaluation of Design**

- 1: Incorporate resident-informed insights to improve the relevance and effectiveness of affordable housing design.
- 2: Apply structured image analysis techniques to uncover spatial patterns and user insights that traditional survey- or performance-based evaluation methods may not capture.
- 3: Analyze visual data from multiple stakeholder perspectives to assess where architectural intentions align or diverge from actual use.
- 4: Integrate visual evaluation methods into design workflows.

### **M10. Designing for Impact: What Architects Need to Know About LEED v5**

- 1: Describe how LEED v5 organizes prerequisites and credits around three core impact areas—decarbonization, ecological conservation and restoration, and quality of life—and use the new impact scorecard to align design strategies with measurable client outcomes.

2: Identify key updates in LEED v5 compared to previous versions, including enhanced energy and carbon performance thresholds, resilience criteria, occupant health strategies, and the new Decarbonization Leadership requirements for Platinum-level certification.

3: Explore how LEED v5 aligns with the AIA Framework for Design Excellence, and how this alignment can guide integrated, values-driven design decisions across a range of project types.

4: Examine the shift from LEED Online to the Arc platform and how this new technology supports real-time performance tracking, streamlined documentation, and long-term sustainability reporting.

### **M11. A Deeper Dive into the Framework for Design Excellence: Facilitated Round-table Discussions with Women in Architecture**

1: Engage in peer-to-peer dialogue to identify ways to educate your firm on the importance of applying the principles of the Framework for Design Excellence in project design.

2: Explore ways to educate clients on the need for these sustainable design practices resulting in healthier places to live and work and play.

3: Share strategies and lessons learned when meeting resistance and other real-world challenges of applying sustainable design strategies.

4: Communicate in small groups for this exchange of knowledge and then share out the resources discovered, the lessons learned, and tips for applying the principles of the Framework.

### **M12. Storytelling 101: How to Tell Client-Centric Narratives that Showcase Your Brand**

1: Craft narratives that support marketing efforts, including proposal writing, conference presentations, and media pitches.

2: Discover ways to differentiate their firm's brand with storytelling, elevating their recruitment, retention, marketing, business development, and sales efforts.

3: Integrate stories into a dynamic multi-platform content strategy in ways that deliver a high-

4: Examine basic content formats and content-strategy tools and practices used in contemporary professional services marketing.

### **M16. Stone Arch Bridge Rehabilitation**

1: Identify the challenges with working on a 140-year-old bridge spanning the Mississippi.

2: Discuss methods used to remove historic stone and for installing and supporting stone veneer in selective locations to preserve adjacent historic materials.

3: Explain the challenges of matching historic materials with contemporary materials to meet the Secretary of the Interior Standards for the Treatment of Historic Properties.

4: Discuss methods of mock-up and shop drawing review to meet historic, structural, and architectural approval.

### **MI7. Code Provisions for Toilet Room Design for All Persons**

1: Identify and review the general requirements for toilet facilities in the IBC.

2: Examine the options for toilet rooms designed for all persons.

3: Identify the ways in which Minnesota's code is proposed to differ from the IBC and discuss the reasons for these changes.

4: Explain how the use of non-sex separated toilet rooms contributes to the overall safety of building users.

### **MI8. Can AI Succeed Where BIM Fell Short? Rethinking Architectural Delivery**

1: Participant will critically assess the systemic limitations of BIM within their legacy project delivery frameworks and analyze its impact on architectural productivity.

2: Identify high-impact AI applications that can optimize design intelligence, automate complex workflows, and augment professional decision-making.

3: Examine emerging case studies and speculative models that demonstrate the integration of AI across design ideation, interdisciplinary coordination, and lifecycle project management.

4: Discover tools to formulate strategic approaches for implementing AI-driven methodologies that enhance value creation, operational agility, and competitive differentiation in the architectural practice.

### **MI9. Missing from the Top: Where are All the Women in Design Leadership?**

1: Examine the structural, cultural and institutional factors that contribute to the under-representation of women in design leadership roles such as Design Principals, Design Directors or Senior Project Designers.

2: Identify the difference between mentorship and sponsorship and their critical impact on design leadership trajectories.

3: Discuss how firm cultures, organizational structures and biases influence leadership selection and design leadership opportunities.

4: Discuss specific strategies that have been employed to foster inclusive leadership and support women's paths to design leadership roles.

## **M20. Amplifying Diverse Voices in PreDesign**

- 1: Describe participatory design.
- 2: Define and contextualize generative design research.
- 3: Explore various aspects of participatory design including process, tools, equity, outcomes, and future.
- 4: Participate in a discussion to contribute insights to existing participatory practices and generative design research.

## **T22. Architecture School Now: Rethinking Architecture's Role in a Changing World**

- 1: Identify opportunities for applying data science and artificial intelligence to enhance
- 2: Describe methods for engaging Indigenous communities in collaborative design practices that prioritize cultural responsiveness and design justice.
- 3: Evaluate strategies for integrating biophilic design and environmental psychology into architectural projects to promote human and ecological well-being.
- 4: Apply interdisciplinary approaches that merge landscape, architecture, and ecology to create more holistic and resilient built environments.

## **T23. North End Community Center**

- 1: Recognize the means by which input was received from the community to identify interests and needs.
- 2: Define project energy, material, and stormwater management strategies that illustrate the project's commitment to sustainability.
- 3: Discuss the community art integration process and demonstrate how it was incorporated into the design.
- 4: Observe how the project implemented the use of specialty mass timber and masonry elements.

## **T24. COTE Top Ten 2025 - Stanley Center for Peace & Security: Living Their Mission in a Living Building**

- 1: Develop client and community project touchpoints to ensure inclusive design and prioritize the well-being of all building users.
- 2: Evaluate the reuse of existing building stock against building new to achieve Living Certification, local connection, and biophilic values.
- 3: Compare ways to achieve onsite water and energy strategies while accommodating building codes, local ordinances, and benefiting neighboring properties.

4: Outline early measurable outcomes related to community impact, equitable spaces, and occupant well-being.

### **T25. AI for Architects: A Practical Introduction**

1: Compare AI Large Language Models (LLMs) such as ChatGPT, Co-Pilot, Claude, Sonar, etc and describe their core features.

2: Identify tools to evaluate the suitability and security features of common LLMs, and select the most appropriate solution for specific architectural practice needs.

3: Examine the tools to identify and structure business and practice related data for AI-driven applications and apply appropriate inquiry prompts for best results.

4: Identify specific and accessible use cases where AI LLMs can automate professional business tasks common to Architects.

### **T26. Inspiring Spaces: Sustainable Design and Youth Empowerment in St. Paul's East Side**

1: Recognize how great design can benefit a non-profit and why it's a priority for 30,000 Feet.

2: Describe the sustainability requirements triggered by different funding mechanisms.

3: Identify different strategic pathways to achieve sustainability goals on this project.

4: Examine how to engage with non-profits, and why it is important.

### **T27. Generational Convergence: Newbs and Experts**

1: Utilize perspective switching to explore potential changes that can influence the future of industry.

2: Assess the current industry climate in contrast to previous years, to better understand how to foster an equitable workplace for generational variances.

3: Discuss the impact of implicit biases and age-based assumptions amongst industry professionals.

4: Explore what it means to cultivate a good work environment that promotes growth.

### **T28. Architecture Unplugged: Passive-Active Mechanisms for Architecture**

1: Exploring how smart materials can be used in response to diurnal and annual changes in climate.

2: Gaining awareness of how smart materials, namely thermobimetal, use no energy and no controls.

3: Getting exposure to innovative applications in construction for self-assembly and self-structuring.

4: Considering the use of passive-active systems on facades for the benefit of public health.

5: Affirming the value of utility, firmness, and delight in the development of technology for facade design.

### **T29. Vanderboom Simulation Center: Design and Post-Occupancy Review**

1: Using a post occupancy review, participants will gain insight as to how flexibly designed spaces have been adapted to various uses beyond those initially intended during design, and how decisions made during design worked when implemented.

2: Identify the strategies and challenges around the adaptive reuse of a high bay warehouse space to a healthcare education space.

3: Recognize the design and planning needed for healthcare simulation and training classrooms and support spaces. Identify the technology used for these centers and how training is conducted.

4: Explore how this project furthered sustainability goals, community engagement efforts, and equitable access to education and other resources.

### **T30. Train Your Own AI: Use Cases for Designing an AI Workflow with Your Data**

1: Evaluate Machine Learning (ML) platforms and algorithms by objectives, available inputs, and desired outcomes.

2: Distinguish between useful and extraneous input data and methods of interacting with AI/ML platforms and tools.

3: Train artificial intelligence (AI) open-source tools for design applications.

4: Apply Machine Learning (ML) to a practical design practice examples.

### **T31. Transforming Crisis into Housing Solutions at Avivo Village**

1: Identify the key factors that drove the creation of Avivo Village and understand the societal and regulatory challenges encountered.

2: Analyze strategies used to overcome zoning, code, and permitting obstacles, applying these methods to future projects with similar constraints.

3: Evaluate the financial models and funding sources used, including COVID-related funding, and assess their applicability to other emergency or rapid deployment projects.

4: Apply principles of inclusive design and rapid problem-solving to enhance resilience and social equity in future architectural projects.



### **T32. Changing the Culture of Architecture: Ethical Frameworks to Accelerate Progress**

- 1: Describe why attention to diversity, equity, belonging, and agency in the profession of architecture is an ethical imperative.
- 2: Define the desired culture of the profession and specify how systems thinking – leverage points analysis and complexity theory, in particular – can be applied in working to accelerate the pace of change from the current culture to the desired culture of the profession, including investigating the mindsets that underlie all aspects of the culture of the profession.
- 3: Identify how the intercultural development framework can be utilized as a theory of change and how intercultural competence relates to culture change.
- 4: Practice working with hypothetical scenarios to anticipate and gain comfort with the interpersonal dynamics involved in applying systems thinking and intercultural development to everyday situations for the purpose of furthering culture change.

### **T34. Walker West Music Academy**

- 1: Explore acoustic design strategies that enhance performance and experience in high-functioning spaces.
- 2: Examine innovative approaches to transforming and revitalizing existing buildings.
- 3: Illustrate methods for integrating diverse cultural identities, perspectives, and heritage into design and its expression.
- 4: Highlight storytelling as a powerful tool for design engagement and meaningful placemaking.

### **T36. Cracking the Code: What You Need to Know about the Commercial Energy Code**

- 1: Recognize recent updates to the commercial energy code and anticipate how new code requirements will impact project design.
- 2: Identify compliance pathways available within the commercial energy code, evaluate the pros and cons of each pathway, and select an appropriate pathway based on project goals.
- 3: Effectively communicate the importance of complying with the energy code to building owners and project teams.
- 4: Utilize tools and resources to help effectively demonstrate energy code compliance in construction documents and recognize the importance of considering energy code implications early in the design process.

### **T37. Building Enclosure: Managing Risk and Optimizing Performance**

- 1: Identify critical system components to ensure NFPA 285 and energy code compliance without compromising design and building performance.
- 2: Identify the challenges of choosing, placing, and installing an air and weather barrier system to reduce the risk of long long-term moisture related damage.
- 3: Explore critical fire, moisture and R R-value challenges related to the selection of continuous insulation and cladding attachments.
- 4: Explain the requirements associated with various rainscreen cladding materials, combustible and non-combustible, including product life cycle, finish performance, and product safety.

### **T38. Building Circularity Minnesota: Reuse is the Future of Construction**

- 1: Review the 7 steps to designing with used building materials identified in the Project Manager's Guide for Building Material Reuse in Commercial Projects.
- 2: Utilize and apply the template specifications and other resources to one's own reuse project to implement reused materials safely and successfully.
- 3: Understand the outline and objectives of the Minnesota Pollution Control Agency-funded grant project and how this model is targeted to reducing harmful impacts of building material landfills and the production of new materials.
- 4: Work with all parties in the supply chain to procure, purchase, specify and install reused materials in compliance with energy and building codes.

### **T39. Career Mapping: Navigating Professional Growth**

- 1: Explain the importance and benefits of intentional planning in shaping professional journeys.
- 2: Identify strategies to make career-related conversations more comfortable and natural.
- 3: Advocate for oneself effectively within a firm, recognizing the role of the firm in supporting career growth.
- 4: Develop a personalized career plan or a plan for the firm, using shared examples and templates as a starting point.

### **T40. The Ralph Rapson Traveling Study Award: Origins, Legacy, and Future**

- 1: Recognize Ralph Rapson's contributions to architecture and design education, and how they shaped the foundation of the Rapson Award.
- 2: Trace the evolution of the Rapson Traveling Study Award, including changes in format, juror selection, and submission practices.

3: Evaluate the award's impact on recipients' careers and its broader influence on architectural discourse and professional development.

4: Identify strategies for sustaining and expanding design awards through community engagement, fundraising, and institutional partnerships.

#### **W43. An Introduction to MN Statute 144G and its Effect on Assisted Living in Minnesota**

1: Examine the current assisted living landscape in Minnesota and recognize how laws and codes and licensing impact design and construction.

2: Review the new MN 144G statute and describe how it will impact current and future assisted living projects.

3: Review and be able to apply the 2018 Life Safety Code to assisted living facility design.

4: Recognize The 2018 Facility Guidelines Institute (FGI) for Design and Construction of Residential Health, Care and Support Facilities as a resource for outlining minimum standards for the planning, design, and construction of residential facilities.

#### **W44. Creating a Culture of Business Development**

1: Identify the common roadblocks to creating a culture where everyone in your firm understands their role, their value, and the importance of their contributions.

2: Examine a step-by-step roadmap for creating a culture of firm-wide ownership where each team member knows their role and does their part in building new client relationships.

3: Explore a new perspective on business development activities and tools to make business development more natural and effective for the team.

4: Implement strategies and tactics for firm leaders to respond to recommendations and to answer questions specific to their firm, team, and situation.

#### **W45. Developing an Ethical AI Strategy for Design Firms: Challenges and Opportunities**

1: Examine the ethical, strategic imperative, and dual nature of AI as both a threat and opportunity for design firms.

2: Identify the steps to assess an organization's readiness, including technical capabilities, business vulnerability and ethical responsibilities.

3: Describe how to engage stakeholders in developing strategic scenarios and a board-approved AI strategy that maintains ethical practices.

4: Outline the key components of an implementation roadmap to drive organizational change.

#### **W46. Accelerating Our Decarbonized Future: Next Century, Living Design of Theodore Roosevelt Presidential Library**

- 1: Explain why a place-based design approach is critical to creating living buildings.
- 2: Identify specific key criteria in the framework for design excellence, LBC, LEED and SITES that align to elevate design outcomes and sustainability.
- 3: Examine how various project team members play key roles to identify and implement regenerative beyond zero net positive design outcomes.
- 4: Recognize how this project elevated design outcomes to net positive impact and explore how to apply these criteria to every future project.

#### **W47. Beyond the Building Scale: Growing Your Influence Through Civic Leadership**

- 1: Define “equity in the built environment” in a context of spatial justice and beyond the building scale.
- 2: Apply concepts of systems thinking and design thinking to civic leadership roles and opportunities to shape the built environment.
- 3: Recognize and model from various examples of architects exhibiting civic leadership; see yourself in their stories of inspiration and engagement.
- 4: Explore barriers that keep architects and designers from engaging as civic leaders and how those barriers can be navigated and broken down.

#### **W48. ARE 101: Personal Experiences from Start to Finish**

- 1: Identify the study materials that are most recommended when preparing for the AREs.
- 2: Explain the ways life-balance was managed while preparing and taking the exams.
- 3: Identify the considerations made when deciding on the order in which to take the exams.
- 4: Prepare a plan to begin taking the exams and identify what steps need to be taken in order to make the process right for you.

#### **W50. From Goals to Performance: B3 in Practice**

- 1: Describe the intent of the B3 Guidelines and SB 2030 Energy Standard program objectives and compliance pathways.
- 2: Recognize the tools and resources available to B3 project teams that promote sustainable design practices from project planning through building occupancy, ensuring healthier indoor environments, safer building performance, and long-term occupant well-being.

3: Guide project design teams in evaluating sustainable strategies for small projects and sites during planning and design phases, with a focus on enhancing occupant health, minimizing environmental hazards, and supporting community welfare.

4: Incorporate decarbonization strategies into project planning, design, and development to ensure energy and carbon reductions in building operations.

### **W51. The Abbott Northwestern Care Center: Building Before the Building Starts**

1: Explore the challenges and solutions to maintain public life/safety when operations are inside of construction sites.

2: Review the process needed to work through the updated Minneapolis zoning codes (the 2040 Plan).

3: Examine how to develop interim life safety drawings and understand the AHJ approval process for ISL.

4: Explore how community engagement was used in project development and approvals.

### **W52. Paradox of Sustainability and Resilience**

1: Describe the history and identify the key qualities of regenerative design.

2: Examine the assessment of social and ecological goals for the built environment.

3: Evaluate the rigor of a variety of approaches to metrics for architectural design.

4: Formulate a connection reframing of the AIA Framework for Design Excellence using a regenerative approach.

### **W53. Beyond Traditional Careers: Architects in Public Service**

1: Describe how a former project firm-based architect can influence the public sector that benefits both institutions in HSW and society.

2: Examine how the public sector architect's specific skill set of HSW knowledge assists other stakeholders to bridge knowledge gaps – improving initial design and long term impact.

3: Explain how a public sector architect can communicate and lead to advance design, sustainability, equity, negotiations, and areas of HSW in that public service role.

4: Explore how a non-traditional career path can have personal and professional benefits in leadership, growth, purpose, work-life balance, and financial benefits.

### **W54. Transforming Shelter: Buildings that House and Heal**

1: Acknowledge the trauma that may have been experienced by individuals with lived experience of homelessness and understand how the built environment can contribute to the ongoing trauma experience of these individuals.

- 2: List potential ways to integrate trauma-informed design principles in the design of shelters, supportive housing and other facilities
- 3: Recognize the impact of community engagement during the design process of shelters and supportive housing.
- 4: Discover how trauma-informed design principles can improve outcomes for individuals with lived experience of homelessness.

#### **W57. Westwood Hills Nature Center**

- 1: Recognize the client's interest in using the building and site as a sustainable design teaching tool.
- 2: Discover how one hundred percent of the nature center's annual energy needs are supplied by on-site renewable energy.
- 3: Examine how the building and site design provide an interpretive example of good storm water management practices.
- 4: Identify how the biophilic materials selected foster a connection to nature and lower the project's embodied carbon.

#### **W58. The Tree House: A Passive House, Technology, and Craft Case Study**

- 1: Describe the role of digital modeling and digital fabrication to craft complex geometry to achieve improved daylighting, ventilation, and a connection to the outdoors in the Squam Lake House case study.
- 2: Identify the types of Passive House Certifications and understand their utility with panelized prefabrication techniques to improve energy efficiency and indoor air quality.
- 3: Analyze the roll of BIM (Building Information Modeling) in integrating Passive House Institute (PHI) operational and BEAM embodied carbon energy standards.
- 4: Summarize the practical utility of scripted algorithms as an iterative design tool.

#### **W59. Delegated Design: Navigating Risk, Responsibility, and Innovation**

- 1: Define delegated design and design assist, and explain how each affects the architect's, and contractor's, responsibility for code compliance and life safety.
- 2: Evaluate the impact of delegated design on projects, including adherence to code, performance standards, and the architect's Standard of Care obligations.
- 3: Analyze risk and liability arising from ambiguous or mismanaged delegated design scopes.
- 4: Implement best practices for coordinating delegated design, maintaining control over design intent, and protecting the public through clear documentation and communication.

## **W60. The FAIA Legacy Project: New Documentation**

- 1: Describe the goals of the FAIA Legacy Project.
- 2: Explain how documenting women's stories helps advance the next generation of women in the profession.
- 3: Recognize the past and current state of women within the architecture profession and options for pursuing different career pathways within the field of architecture.
- 4: Apply lessons learned from the FAIA Legacy Project to support more sharing of stories from under-represented populations.

## **W61. The Luminary Arts Center: A Model for Community-Driven, Equity-Centered Design**

- 1: Explore how to integrate community feedback into the architectural design process to enhance cultural representation, equity, and well-being for a broad group of users. HSW issue being addressed: Programming & analysis -- Focus on areas related to the evaluation of project requirements, constraints, and opportunities. Includes discussion on health and welfare.
- 2: Identify strategies for fostering collaboration between architects, community leaders, and stakeholders to create equitable, accessible, and culturally conducive spaces. HSW issue being addressed: Programming & analysis -- Focus on areas related to the evaluation of project requirements, constraints, and opportunities. Includes discussion on health and welfare.
- 3: Determine design solutions that are appropriate and inclusive for community-centric spaces to promote equity and safety among a wide range of user groups. HSW issue being addressed: Project planning & design -- Focus on areas related to the preliminary design of sites and buildings. Includes discussion on health, safety, and welfare.
- 4: Develop a framework for addressing common challenges in adaptive reuse and applying solutions to balance functionality with accessibility, safety, and budget. HSW issue being addressed: Project development & documentation -- Focus on areas related to the integration and documentation of building systems. Includes discussion on safety and environmental welfare.

## **W62. University of Minnesota, Fraser Hall, Chemistry Undergraduate Teaching Laboratory Facility**

- 1: Explore acoustic design strategies that enhance performance and experience in high-functioning spaces.
- 2: Examine innovative approaches to transforming and revitalizing existing buildings.

3: Illustrate methods for integrating diverse cultural identities, perspectives, and heritage into design and its expression.

4: Highlight storytelling as a powerful tool for design engagement and meaningful placemaking.

### **W63. Unleashing the Power of Hope: The Science Behind Transformative Leadership**

1: Utilize findings from the Science of Hope to drive transformative organizational change.

2: Inspire support for solutions through effective hope-based communications.

3: Create hope-based work cultures which are shown to increase retention, engagement, productivity, job satisfaction, and employee mental health.

4: Build high-performing teams by integrating hope into leadership practices.

5: Create hope-based organizational cultures that promote a collective hope and a shared vision for the future.

### **W64. Fire and Life Safety Code Compliance in Outpatient Facilities**

1: Recognize the unique fire and life safety code requirements applicable to outpatient facilities and how they differ from inpatient healthcare facilities and office buildings.

2: Review occupancy classifications and functional uses in outpatient healthcare facilities, with a focus on how healthcare related occupancies are defined and applied under relevant fire and building codes.

3: Examine the significant fire and life safety design elements in healthcare facilities, including means of egress, fire protection systems, and compartmentation.

4: Recognize the common fire/life safety deficiencies and design challenges encountered in outpatient healthcare projects and discuss strategies for resolving code compliance issues during design.

### **W65. Health Equity Framework: Climate and Socioeconomic Factors that Impact Well-being**

1: Explain the concept of Health Equity by defining several terms, concepts, and organizations that are tracking it.

2: Define the exposome and the environmental, economic, and social factors that affect health equity and its impact on health outcomes.

3: Identify the components of a Health Equity Toolkit.

4: Utilize the Health Equity Toolkit to evaluate existing projects in order to learn how it can be implemented on future projects.



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