



Voices *with* **Vision**

74th Annual Convention & Exposition

November 11, 12, 13, 14, 2008

Minneapolis Convention Center



American Institute of Architects
Minnesota



Voices with Vision

Our collective voices as architects are both diverse and visionary and can lead to progressive solutions on issues that are wide open for exploration. In our pursuit to lead our communities and collaborate with design-related professionals in unconventional ways, it is good to question our approach.

As architects:

Are we formulating the discussion and guiding the future by shaping our response to global change?

Are we shaping the emerging information management tools of our industry?

Are we leading the discussion to develop new cross-disciplinary models?

Are we playing a central role in the solutions to the challenges of youth, diversity and education in our profession?

With your voice, help us answer yes to all of the above as AIA Minnesota embarks on its 74th Annual Convention. Find your voice, share your vision and join us in shaping the emerging issues of our profession.



Tom DeAngelo, FAIA
President



Katherine Leonidas, AIA
Convention Chair



Online Convention Registration

Quick, easy and secure! Register online for the Convention at AIA Minnesota's website, www.aia-mn.org. Online registration features include:

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

Some programs fill quickly; closed seminars that have reached capacity will be listed on the website. To attend your first choice of programs, register online today!

Continuing Education

AIA Minnesota is offering Continuing Education credit for programs at the Convention. According to our review, Convention programs marked as Health Safety Welfare will be accepted for Minnesota's continuing education requirement for licensing. Take advantage of this economical and efficient way to get credit for your AIA and State of Minnesota continuing education requirement! Verification forms and instructions will be available at the Convention Registration Desk.

IDP Training Units

Interns going through IDP can receive Training Units (TUs) for attending Convention programs.

- 1 hour of Continuing Education = .25 TUs
- 1.25 hours = .31 TUs
- 1.5 hours = .38 TUs
- 1.75 hours = .44 TUs
- 2.75 hours = .69 TUs

Who Should Attend

- Architects
- Specifiers
- Engineers
- Landscape Architects
- Interior Designers
- Facility Managers
- Construction Managers
- Planners
- Contractors
- Developers
- Industrial Designers
- Graphic Designers
- Marketing Professionals
- Administrators
- Draftspersons
- CAD Operators
- Interns
- Students

Please note that member rates for seminars apply to members of the following organizations: AIA, ACEC, AGC, AIGA, APA, ASID, AWI, CMA, CSI, IFMA, IIDA, IMI, ASLA, MSPE, PAM, SAH, SDA, SLUC, SMPS, ULI, USGBC

When

- November 11, 12, 13, 14, 2008
- Tuesday, Wednesday, Thursday, Friday
- **Exhibit Hall open on Tuesday early evening, Wednesday and Thursday**
- Seminars all 4 days
- Awards Celebration and the 2008 Gold Medal Presentation, Friday, December 5, 2008

Exhibit Hall Hours

- Tuesday, November 11 4:30 pm – 7:00 pm
- Wednesday, November 12 11:15 am – 2:30 pm and 3:45 pm – 6:00 pm
- Thursday, November 13 11:30 am – 2:00 pm
- **No exhibit hall hours on Friday, November 14**
- Everyone welcome during each time period — **free admittance** — bring clients, colleagues, family, and friends.
- Lunch will be available in the Exhibit Hall Café from 11:15 am – 2:30 pm on November 12 and from 11:30 am – 2:00 pm November 13.
- Fun, food, entertainment!

Special Exhibits & Fun Things to See & Do

- View the work of David Salmela, FAIA, recipient of the 2008 AIA Minnesota Gold Medal
- Place a bid at the Minnesota Architectural Foundation Silent Auction featuring eco-friendly items
- Behold the 2007 AIA Minnesota Honor Awards and Divine Detail Awards
- The 2008 Ralph Rapson Travel & Study Fellowship Competition Display
- AIA Minnesota's 25-Year Award recipient for 2008
- A special exhibit of AIA Minnesota's Louis Lundgren Award
- Visit the U of M College of Design Exhibit
- Preservation Alliance of Minnesota's "10 Most Endangered Buildings"
- "Dimensions" showcasing the talent of our Emerging Professionals
- The Exhibit Hall — an education in itself!
- Pay tribute to our friend and colleague, Ralph Rapson, FAIA
- An Evening of Celebration, Friday, December 5 at McNamara Alumni Center
- Booth Sleuths! Play to win prizes
- Food, Socializing...and MORE!

Book Signings at the Convention

Books will be on sale throughout the four days of the Convention.

- Author Blaine Brownell — *Transmaterial* (see Event 29)
- Author Tom Fisher — *Architectural Design and Ethics: Tools for Survival* (see Event 45)
- Author Dr. Richard Farson — *The Power of Design: A Force for Transforming Everything* (see Event 54)
- Dale Mulfinger, FAIA — *Cabinology: A Handbook to Your Private Hideaway*

Hotels for outstate guests

A block of rooms has been reserved at The Hilton Hotel, just blocks away from the Minneapolis Convention Center. To receive the discounted room rate, identify yourself with the AIA Minnesota Convention. Reservation deadline: October 23, 2008.

The Hilton Hotel

1001 Marquette Avenue, Minneapolis
\$108 single/double
1-888-933-5363; 612-376-1000

Convention Registration Cancellation/Refund Policy

Cancellation requests must be received in writing on or before November 4, 2008. Please mail or fax your request to: AIA Minnesota, 275 Market Street, Suite 54, Minneapolis, MN 55405; fax: 612-338-7981. There is a \$50 cancellation fee. Refunds (minus the cancellation fee) will be processed via your method of payment. No refunds will be offered after November 4, 2008. Questions? Contact Amber at AIA Minnesota, 612-338-6763 or by e-mail at allardyce@aia-mn.org. Thank You!

XL Kick-off Programs

In response to feedback from previous years, we are trying something new at this year's Convention. We are kicking off the Convention on Tuesday morning with five programs that are each 3 hours long. Excel by attending these **XL** programs. This **ExtraLong** time will allow presenters and attendees for each of the five programs to dig deeper than usual. Register to excel at urban design, sustainable design, illustration, writing or passing the ARE. Plan to attend these **XL** learning opportunities and be one of the first to catch the "Vision" of this year's Convention. Sign up now. Attendance is limited.

Event 1 — An XL Kick-off Program

9:00 am – 12:00 noon

City Building: A New Convergence

2.75 Hours of Continuing Education

This two-part session will explore the benefits of collaboration between the AIA, the Urban Land Institute (ULI), Minnesota Chapter of the American Society of Landscape Architects (MASLA), and City leadership in the revitalization of the City and the First Ring Suburb. At this time in history, there are compelling economic, environmental and demographic forces that are driving a desire and need for more sustainable, livable and walkable places to live, work and play. This program will discuss these forces of change and demonstrate how and where collaborative design can reinvent the City and First Ring Suburb.

Part I – A Keynote Presentation

Ken Greenberg, Greenberg Consultants, Toronto

Architect and Urban Designer Ken Greenberg has played a leading role on a broad range of assignments in highly diverse urban settings in North America and Europe. Much of his work focuses on the rejuvenation of downtowns, waterfronts, neighborhoods, and campus master planning. His projects include the award-winning Saint Paul on the Mississippi Development Framework, the Brooklyn Bridge Park on the East River in New York, the East River waterfront in Lower Manhattan, the Fan Pier in Boston, the Southwest and Southeast Waterfronts in Washington, D.C. Current efforts include implementing the Master Plan for the renewal of Regent Park, a major public housing project in Toronto, plans for the Lower Don Lands, a comprehensive plan for the mouth of the Don River where it enters Toronto Harbour. In each city, with each project, his strategic, consensus-building approach has led to coordinated planning and a renewed focus on urban design.

Part II – Case Study Presentation and Panel Discussion

The second part of this program will be a case study and panel discussion among local Twin City Design, Development and City Planning leadership, moderated by AIA Minnesota President **Tom DeAngelo, FAIA**. Panelists will include:

- **Bob Close, FASLA** – Principal, Close Landscape Architecture
- **David Frank** – Project Manager, Schafer Richardson
- **Ken Greenberg** – Principal, Greenberg Consultants, Inc. Architecture and Urban Design
- **David Graham, AIA** – Principal, Elness Swenson Graham Architects, Inc.
- **Michael Lander** – Principal, Lander Group, Inc.
- **Barbara Sporlein** – Director of Planning, City of Minneapolis
- **Lucy Thompson** – Senior Planner, City of St. Paul

Event 2 — An XL Kick-off Program

9:00 am – 12:00 noon

HSW Sustainable Building 2030 Project Workshop

2.75 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on the Environment

As a result of the Minnesota Climate Advisory Group recommendations, legislation was enacted in spring 2008 to create new building performance standards aligned with the Architecture 2030 Initiative. The Minnesota version, referred to as Sustainable Building 2030 (SB 2030), is intended to significantly reduce carbon dioxide emissions by lowering energy use in new and substantially renovated buildings. This program will provide architects with up to date information on the SB 2030 program and how it will be applied to both public and private sector projects in Minnesota. It will give them the latest approaches, case studies and resources to achieve these new standards in their projects.

John Carmody is the Director of the Center for Sustainable Building Research at the University of Minnesota and teaches in the Master of Science in Architecture program focusing on sustainable design. Carmody was one of the leaders of a team that developed the *Minnesota Sustainable Building Guidelines* required on State-funded buildings. Recently, the Center received funding to lead the State of Minnesota in its transformation to zero net energy and carbon buildings by the year 2030.

Richard Strong teaches in the Graduate Sustainable Architectural Degree program at the School of Architecture at the University of Minnesota. He was one of the initiators of the *Minnesota Sustainable Design Guidelines* while a project manager at Hennepin County. Currently he is involved in monitoring these *Guidelines* and is the project manager for Sustainable Buildings 2030.

John Weidt, AIA, is Chairman of the Board of The Weidt Group. Weidt is one of the nation's foremost energy consultants, whose findings have led to significant energy code changes and better building products. The Weidt Group has collaborated with over 500 architecture and engineering firms to design environmentally responsible buildings that result in annual energy savings of \$130 million and air pollution reductions of 708 kilotons per year. The Weidt Group is a principal contributor to the *Minnesota Sustainable Building Guidelines* and the B3 project and is the recipient of the 2003 AIA Minnesota Firm Award.

Event 3 — An XL Kick-off Program

9:00 am – 12:00 noon

Architectural Illustration – States of the Art

2.75 Hours of Continuing Education

This program will be delivered as a three-part session highlighting today's techniques and styles of architectural illustration with local professionals. The program includes a side-by-side quick illustration challenge featuring local gurus Jerry Ohm and Harris Birkeland. Ohm and Birkeland will render the same image in their own style, while sharing tips and stories with *Architecture Minnesota* Notebook author Phillip Glenn Koski, AIA. In addition, award winning illustrator Les Chylinski will use step-by-step, workflow case-studies of his work to showcase new digital techniques and tools. To finish the morning, our panel of illustrators will critique a limited number of participant submitted images as they discuss what the future holds for architectural illustration.

Harris Birkeland is a professional design illustrator who has worked in the design field for over 40 years. Inspired by work as a baker and industrial fixture designer, Birkeland started his own studio in 1980. First working exclusively in wet media with watercolor and felt tipped pen, he now illustrates exclusively in digital media for many diverse clients. Birkeland's work has been featured in publications and books including *Interior Design Visual Presentation: A Guide to Graphics, Models, and Presentation Techniques* by Maureen Mitton John Wiley and Sons, 2004.

Les Chylinski, ASAI, established Creative Media Illustration, Inc. Chylinski produces a variety of products from watercolor-like illustrations to photo-realistic images. Working from the belief that successful architectural renderings are executed through the effective collaboration between client and illustrator, Chylinski works to fully understand the project in order to produce illustrations that reach beyond simply the technical aspects of a project. He has served as an Illustrator for KKE Architects, and as a Senior Visualization Specialist for Ellerbe Becket. He is a member of the American Society of Architectural Illustrators.

Phillip Koski, AIA, is a senior project designer for the Minneapolis office of Leo A Daly, Architects and Engineers. Koski writes regularly for *Architecture Minnesota* and the Twin Cities-focused *Metro* magazine, where his monthly column highlights outstanding architecture and design from across the region. "Notebook," a department feature Koski created for *Architecture Minnesota* in 2005, includes sketches and notes from the author's own sketchbook as he observes the local architecture scene first-hand.

Jerry Ohm, ASAI, is an architectural designer/illustrator and a member of the New York Society of Renderers and the American Society of Architectural Illustrators. He is primarily a watercolorist; however, his illustrations incorporate a variety of media including ink, pencil, colored-pencil, and pastel. He provides his clients with a wide range of techniques, from small informal conceptual sketches to highly detailed formal illustrations. As an artist, Ohm maintains an ongoing goal of achieving a higher level of artistic excellence while preserving a unique and distinctive style through the use of traditional media.

Event 4 — An XL Kick-off Program

9:00 am – 12:00 noon

WordForum: A Communication Workshop for Design Professionals

2.75 Hours of Continuing Education

Do you wish you could describe your project in a few evocative sentences? Are you not quite sure how to organize that presentation to your client or that community group? Do you feel confident about your design, but not the words you use to describe it? WordForum will help you create a process for improving these

Tuesday, November 11

three areas of your design communication: project key messages, organization, and the quality of the words themselves. During this three-hour session, you will take part in interactive “word sketching” and various writing exercises for one of your actual projects. You’ll learn how to capitalize on the sound bytes already hiding in your portfolio. You’ll learn the basics of giving an engaging talk. You’ll learn how to translate design-speak into memorable conversation. WordForum’s participatory exercises set forth a “design process” for writing, thereby placing text within the comfort realm of the design professional.

Adam Regn Arvidson, ASLA, is a landscape architect and founder of Treeline, a design/writing consultancy. He writes regularly for *Landscape Architecture Magazine*, edits *SCAPE Magazine*, and was recently a co-leader for AIA150’s Mayor’s Great City Design Teams. His writing is forthcoming in *Architecture Minnesota* and *Topos*.

Jon Capecci is WordForum’s co-creator and founder of Capecci Communications, a consultancy that provides training, coaching and writing services for a wide range of international design, health care, and performing arts clients.

Event 5 — An XL Kick-off Program

9:00 am – 12:00 noon

ARE 4.0 Review — Programming, Planning & Practice

1.5 HSW Hours of Continuing Education
Co-sponsored by the AIA Minnesota IDP Committee

This program is a review course for those preparing to take the Architectural Registration Exam. The program is designed to introduce and prepare ARE candidates for the new ARE 4.0 division “Programming, Planning & Practice”; previously ARE 3.1, PreDesign. The program will review the four content areas for this division including: Programming & Analysis; Environmental, Social & Economic Issues; Codes and Regulations; and Project & Practice Management. The vignette, Site Zoning, a new feature of this division will also be thoroughly reviewed.

Gary Demele, AIA, Busch Architects, Inc. in St. Paul, has been an educator, a mentor to students at the U of M and to interns as the AIA Minnesota State IDP Coordinator. Over the last 20 years, Demele has presented ARE Review Courses to AIA Minnesota, AIA Wisconsin, and the Boston Society of Architects, as well as at the AIA National Conventions in Los Angeles (2006) and Boston (2008). He is currently serving on the Minnesota State Board of AELSLAGID as one of three architect board members.

Michael Meehan, AIA, BWBR Architects in St. Paul, has worked with a variety of corporate, higher education, and medical projects and is the firm’s Professional Development Manager. His work focuses on continuing education, aligning project assignments with individual career goals, and employee evaluation. Meehan has taught ARE review courses for AIA Minnesota and is the past chair for the national AIA Young Architects Forum and is currently on the AIA’s Long Range Planning and Advisory Group.

Event 6 — Member Congress

12:15 – 2:45 pm

Member Congress with Lunch

Keynote Address

Marvin Malecha, FAIA

AIA First Vice President/President-Elect

Ruminations: The Power of Design Thought

In a world of conflicting images and priorities it is the power of design thought that is the most important asset of the creative individual. No where is this more evident than in the context of a profession challenged by the demands of environmental well-being and human health, the rapid development of new technologies inspiring the integration of practice through a sophisticated network of information and the need to consider the human capital question from the standpoint of the diversity of our profession and our need to nurture the next generation of leaders. Leonardo DaVinci referred to knowing how to see as the most important quality of the thoughtful person. It is our special ability to use the power of imagination and the sight of the inner eye to grasp the visions that will inspire clients, communities and cultures. The power of design thought is the power of architecture.



Marvin J. Malecha, FAIA serves on the AIA National Board and will be 2009 national President of AIA. He is the Dean of the College of Design at North Carolina State University. Prior to that he served as the Dean of the College of Environmental Design at California State Polytechnic University, Pomona. Malecha was presented the Alumni Distinguished Achievement Award by the University of Minnesota, College of Architecture

and Landscape Architecture (1999); and named Association of Collegiate Schools of Architecture (ACSA) Distinguished Professor (2002) and AIA/ACSA Topaz Laureate (2003) for excellence in architectural education.



AIA Minnesota **President Tom DeAngelo, FAIA** will focus on the work of our Emerging Issues for the Profession Task Forces, as well as present the of highlights from 2008. Renee Cheng, AIA, 2009 President will share her thoughts on next steps for preparing AIA Minnesota to address the changing needs of the profession. Cheng will also identify her goals related to education, outreach and mentoring. The election of officers for 2009 will be conducted along with Presidential Citations for exceptional work by our AIA Minnesota members.

Event 7 – Keynote Address

3:00 pm – 4:30 pm

MACRO to micro – Performance Based Architecture

1.25 Hours of Continuing Education

This keynote address will explore Performance Based Architecture as a design process by reflecting on the work of Grimshaw. With offices distributed around the world, the firm has acquired a global appreciation and respect for the wealth of approaches that can be used to design buildings.

The impact of buildings requires a range of considerations from macro scale — communities, regional design, urban design, sunlight, wind and earth, to micro scale considerations — component design, material selection and the occupant’s immediate environment. Just as important is the desire to distill knowledge learned from nature. Using these Macro to micro considerations allow the work of Grimshaw to be guided by some of the same laws that control and shape the world around us with a truly organic approach to design and one that is based on exploring solutions through performance.



Andrew Whalley, AIA, has been an instrumental part of Grimshaw since the earliest days of the practice, and has been Partner in Charge of projects in diverse sectors including education, performing arts, transportation and workplace. His award-winning projects include the International Terminal at Waterloo, the Eden Project in Cornwall and the redevelopment of the historic Paddington Station in London. He is Partner in Charge of Grimshaw’s New York office, which is currently one of eight architectural practices selected for major public projects under Mayor Bloomberg’s design excellence program. The New York office’s current portfolio ranges from the renovation of the 1939 Aymer Embury New York Pavilion as part of a redevelopment of the Queens Museum of Art, to the new Fulton Street Transit Center, part of the regeneration of downtown Manhattan. Whalley oversees all live projects in the Americas. He has been involved with academia for many years both in the UK as well as the United States. He has been widely published and was recently appointed the sustainability correspondent for *Architecture* magazine and is on the editorial board of *Professional Lighting Design* magazine.

Event 8 — Exhibit Hall — FREE

4:30 pm – 7:00 pm

Opening Night Party

This kickoff event is a spectacular way to start this eventful week! Join AIA Minnesota President, Tom DeAngelo, FAIA, and Convention Committee Chair Katherine Leonidas, AIA, for the grand opening of the 2008 Convention! An exciting evening is ahead with hors d’oeuvres, drinks and entertainment.

Be sure to stop by the Minnesota Architectural Foundation (MAF) Booth. Displays featuring all 14 winners of the Ralph Rapson Traveling Fellowship Competition (from its inception to present) will be featured, as will the 3 winners of the Clarence Wigington Minority Architectural Scholarship.

Also this year’s MAF fundraiser is a silent auction showcasing **GREEN** items — no cars here! Items available to bid on range in value from \$25 to \$2500 and include a case of organic wine, a bus pass, earth friendly furniture and a scooter! Funds raised will be used to support the Clarence Wigington Minority Architectural Scholarship, the Ralph Rapson Traveling Study Fellowship, the Beverly Hauschild-Baron Leadership Award and the Thomas F. Ellerbe Scholarship.

Please stop by the exhibit with the tribute to our dear friend and colleague, Ralph Rapson, FAIA. Ralph’s lifelong devotion to the connection between teaching and practice was a commitment that embodied the value he placed on design and the community. AIA Minnesota will continue his legacy as it sponsors a unity and fellowship within the architectural profession that is truly unique to Minnesota.

Play “Booth Sleuths” to win marvelous prizes. Drawings will take place at the end of each Exhibit Hall session and you must be present to win your prize.

Event 9

8:30 am – 10:00 am

Restoring the Frank Lloyd Wright, Willey House



1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Historic Resources Committee

The Willey House is a pivotal design by architect Frank Lloyd Wright, built in 1934. Over the years, the house had fallen into a state of decline and near abandonment. On week one of ownership by the current owners, the house headed up the Preservation Alliance of Minnesota's 10 Most Endangered Historic Properties List. The owners were confronted with a challenging restoration on limited resources, under the intense scrutiny of an interested public. This program will review the steps necessary for a successful historical restoration and demonstrate the balance between "as designed", "as built" and "as required". Attend this program and see what happens when passion trumps practicality. **Steve Sikora** is co-founder and creative director of the multi-disciplinary firm, Design Guys. Sikora, along with partner Lynette Erickson-Sikora, believe designers are in a position to make a positive difference in the world. The partners acquired and restored The Willey House. The process was chronicled in a website dedicated to the house www.thewilleyhouse.com. The restoration and the documentation set new standards within the preservation community.

Event 10

8:30 am – 10:00 am

Urban Trees — Building Green Infrastructure



1.25 HSW Hours of Continuing Education

Newly-developed planting systems for urban trees allow for expanded root zone volume in soil that remains uncompacted even under sidewalks or paving. This enables trees in dense urban environments to grow large and live long. These systems can also be linked to stormwater collection and conveyance systems to provide water quality treatment, runoff volume reduction, and groundwater recharge. These practices can be implemented effectively in downtown areas, streetscapes, parking lots, and residential streets. Attend this program and learn about the challenges, potential benefits, and risks for implementing innovative tree systems and stormwater management in cold climates. Join the authors of *City Trees — Sustainability Guidelines & Best Practices* to explore these systems, review example projects, and consider how these principles should be integrated into current design practices and regulatory frameworks.

Lorin W. Culver, ASLA, LEED AP, is a landscape architect at Bonestroo, an engineering and planning firm. He has 16 years of experience in streetscape and urban design, affordable housing, garden roofs and irrigation design. Culver has served as co-presenter for Mn/DOT's "Bicycle and Pedestrian Toolbox" and is the primary author of *City Trees — Sustainability Guidelines and Best Practices*. Recently, he has worked on preparing recommendations for implementing the City Trees principles on a high-end retail development in St. Louis Park, MN. He is currently developing the bicycle and pedestrian mobility plan for Columbia Heights, MN.

Randy Neprash, PE, is a civil engineer with Bonestroo specializing in stormwater regulatory affairs. Neprash is currently the consultant for the Minnesota Cities Stormwater Coalition, a group of 96 Minnesota cities that are regulated under the NPDES MS4 (National Pollutant Discharge Elimination System, Municipal Separate Storm Sewer System) stormwater permitting program. He has helped instigate this effort because urban trees have the potential to be a significant Best Management Practice (BMP) in meeting stormwater and water quality goals and regulations.

Event 11

8:30 am – 10:00 am

MN 2030, the New Energy Standard for State Funded Buildings



1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on the Environment

In 2008 the Minnesota Legislature adopted important standards reducing the non-renewable energy demand of state funded buildings 60% starting in 2010 and incrementally adjusting to a 90% reduction in 2025. Get important details including the current criteria, regional energy use benchmarks, next steps, case studies and the prospect for success from some of Minnesota's most recognized efficiency experts and architects.

John Carmody is the Director of the Center for Sustainable Building Research at the University of Minnesota and teaches in the Master of Science in Architecture program focusing on sustainable design. Carmody was one of the leaders of a team that developed the *Minnesota Sustainable Building Guidelines* required on State-funded buildings. Recently, the Center received funding to lead the State of Minnesota in its transformation to zero net energy and carbon buildings by the year 2030.

Rick Carter, AIA, LEED AP, is the Senior Vice President in LHB's Minneapolis office where his primary responsibilities include business development, project leadership, and sustainable design. Carter works extensively on issues of sustainable design by promoting improved indoor air quality, energy efficiency, and resource efficiency. He helped develop the *Minnesota Sustainable Design Guidelines* and currently manages the Buildings, Benchmarks and Beyond (B3) Project including execution of sustainable guidelines for the State of Minnesota.

Douglas D. Pierce, AIA, LEED AP, Senior Associates, Perkins+Will, has directed the Sustainable Design Initiative at the Minneapolis office since 2001. He has had sustainable design planning responsibilities for over 1.5 million square feet of DOE II energy modeled space in the Upper-Midwest and over 2 million square feet of High-Performance and LEED Silver, Gold, Platinum and Living Building projects. He Chairs the AIA Minnesota Committee on the Environment (COTE).

John Weidt, AIA, is Chairman of the Board of The Weidt Group. Weidt is one of the nation's foremost energy consultants, whose findings have led to significant energy code changes and better building products. The Weidt Group has collaborated with over 500 architecture and engineering firms to design environmentally responsible buildings that result in annual energy savings of \$130 million and air pollution reductions of 708 kilotons per year. The Weidt Group is a principal contributor to the *Minnesota Sustainable Building Guidelines* and the B3 project and is the recipient of the 2003 AIA Minnesota Firm Award.

Event 12

8:30 am – 10:00 am

BIMStorm: The Globalization of Architectural Knowledge Sharing

1.25 Hours of Continuing Education

Co-sponsored by the AIA Minnesota BIM Breakfast Club

BIMStorms, created by Kimon Onuma, FAIA, are charrettes of the 21st century which allow massive collaboration through the Internet and stitch together owners, developers, architects, builders, economists, engineers and the public. The way to solve the challenges of an increasingly complex world is through the power of diversity, collective knowledge, collaboration and advanced technology. The AIA and the industry have the ability to tackle these challenges with technologies and processes that have not been possible until recently. Explore this new model of practice which incorporates a new global perspective and learn how the role of the architect can be greatly expanded.

Kimon Onuma, FAIA, Onuma, Inc., has a unique perspective that spans architecture, planning, programming and software development. Onuma was one of the first firms to use Building Information Modeling (BIM) on large scale US government facilities. Onuma's US Coast Guard project was a web-based BIM project that integrated data from various command centers. Onuma continues to introduce the latest in technologies to many agencies. In 2006 he authored Chapter Six of the American Institute of Architect's book, *The 21st Century Architect — Integrated and Interoperable*.

Event 13 — FREE

8:30 am – 10:00 am

Inside the Minnesota Board of AELSLAGID



1.25 HSW Hours of Continuing Education

This program is designed to introduce you to the current Chair and other Board Members of the Minnesota Board of Architects, Engineers, Land Surveyors, Landscape Architects, Geologists and Interior

Designers. The presentation will provide a general overview of the organization and purpose of the Board. Other topics to be presented include how one is licensed in Minnesota, Minnesota Rule 1800.5800, and how a complaint is filed. Get an update on current licensing topics such as IDP/ARE Sequencing, the 6-month rule and IDP credit for the *Emerging Professionals Companion* (EPC). A question and answer period will be included in this session. Bring your questions.

Duane Blanck is a retired County Engineer with experience in Structural Engineering, Municipal Engineering, Railroad Engineering, and Engineering Education. He has received a number of Mn/DOT Awards for construction excellence and the Minnesota Pavement Conference award for pavement engineering, and was recognized as the Minnesota Outstanding County Engineer and as the Rural County Engineer of the Year.

Doug Cooley, PE, is currently Executive Vice President and a Partner at Michaud Cooley Erickson. As project principal, he has led the mechanical design team for many of MCE's major projects in the corporate, medical, commercial, industrial, public and educational fields. He is an expert in the areas of energy efficient design, sustainable design, and LEED certification. He also lectures on topics related to mechanical engineering.

Gary Demele, AIA, Busch Architects, Inc., St. Paul, has been an educator, a mentor to students at the U for 14 years, and has assisted many interns through IDP and licensure as the AIA Minnesota State IDP Coordinator. Demele has been an NCARB Master Grader for the "pencil and paper" ARE, served on the IDP Advisory Council, attended IDP Summits in Oklahoma City and San Antonio, and presented programs at AIA national conventions.

Wednesday, November 12

Kristine A. Kubes is a partner in the Construction Law Group of Meagher & Geer, P.L.L.P., where she represents architects, engineers, contractors, and sureties directly and as their insurance defense counsel. She concentrates her work in design defense/litigation and proactive construction counseling which involves contracting, risk assessment, and addressing and cooperatively resolving project management issues prior to project completion. Integrated with her construction practice, Kubes is a qualified neutral who mediates construction disputes.

Paul G. May, AIA, is an architect with Miller Dunwiddie Architecture in Minneapolis. May joined the Board of AELSLAGID in 2008. He has been involved with the American Institute of Architects (AIA), Society of College and University Planners (SCUP), Council of Educational Facilities Planners International (CEFPI), Minnesota Design Team, Minneapolis Mayor's Great City Design Team and AIA Minnesota.

Rachelle Schoessler Lynn, ASID, LEED AP, Studio 2030, has devoted her career to sustainable design. She chairs the National Sustainable Design Council for ASID and is a frequent lecturer on sustainable design, indoor air quality, workplace issues and material development. She is a national and local leader in sustainable design solutions, and works to incorporate environmental strategies into every project.

C. John Uban, ASLA, Bonestroo, is a past president of the Minnesota Chapter of the American Society of Landscape Architects and has served on the Minneapolis Committee on the Urban Environment for the past 12 years, chairing various committees. Currently, he teaches public officials through the Government Training Service and is an H.W.S. Cleveland Visiting Lecturer for the College of Architecture and Landscape Architecture at the University of Minnesota.

Event 14

10:15 am – 11:30 am

Collaboration in the Architectural Arts of Glass, Sculpture and Decorative Painting

1.0 Hours of Continuing Education

For centuries the architect was intrinsically part of the design and creation of stained glass, sculpture, and the decorative painting for a project. Time has changed this reality, or has it? Through visual images and stories of working together, Chris Botti will provide nationally recognized case studies of contemporary collaborations among architects, artisan/craftsmen and studio artists.

Chris Botti is President of Botti Studio, a Chicago based company with origins going back to the late 16th century in Agropoli, Italy and Panzironi Studios which dates back to the 1700's in Florence, Italy. The two studios merged into Botti Studio of Architectural Arts, Inc. in the 1950's in New York. The studio works globally, including a current project in North Saint Paul, Minnesota. The Studio is dedicated to creativity, craftsmanship and respect to their clients' individual ideas and requirements as the underlying theme of the organization.

Event 15

10:15 am – 11:30 am

Geothermal Energy: A Permanent Resource

1.0 HSW Hours of Continuing Education

HSW Health Safety Welfare *Co-sponsored by the AIA Minnesota Committee on the Environment*
Consider tapping into a limitless resource, with minimal environmental impact, and steady, reliable performance year after year. This is the promise of Geothermal Energy. But does it live up to its claims? And how does it work, anyway? This program will discuss which systems align well with geothermal applications and the site requirements which include well fields in various forms, or the use of natural or man-made bodies of water. The program will also discuss some common pitfalls and liabilities that arise given the nature of the systems; failure is not an option. Finally, we look into the future, envisioning a day when Geothermal Energy can create the power to drive truly carbon neutral buildings and help us to meet the 2030 challenge.

Dale Holland, PE, LEED AP, is a Mechanical Engineer and Executive Vice President with Dunham. He is a recognized leader in the design of high-performance building mechanical systems utilizing sustainable engineering strategies. He had significant involvement in the design elements on the new corporate headquarters for Great River Energy, which is seeking LEED Platinum certification. Holland's leadership of the firm's CFD/airflow/energy modeling teams has provided clients with a unique resource in predicting building performance, comfort and Indoor Environmental Quality.

Randy Olson, PE, LEED AP is a Mechanical Engineer and Vice President at Dunham. He was Project Manager on the new corporate headquarters for Great River Energy. Olson regularly presents on topics related to integrated building design and sustainability. He also leads in-house training and informational seminars for Dunham, many of which focus on integrated building design strategies.

Event 16

10:15 am – 11:30 am

Integrative Sustainable Design: LEED Gold, Platinum and Living Buildings

1.0 HSW Hours of Continuing Education

HSW Health Safety Welfare *Co-sponsored by the AIA Minnesota Committee on the Environment*
Integrative Sustainable Design embraces the steep challenges faced by modern civilization with well grounded hope and a must do attitude.

The approach explores design as the primary driver of project delivery by leveraging the integrative skills native to architects and planners. This program will feature projects that illustrate the application of this design process. Case studies of The Wilder Center and Great River Energy Headquarters will cover the why, the how and the results of these High-Performance LEED® Buildings. The Embassy Medical Center in Sri Lanka will show how architects can go beyond the boundaries of conventional practice and LEED into the world of whole system solutions and Living Buildings. Hear directly from the architects responsible for some of Minnesota's most transformative sustainable designs.

David Dimond, AIA, LEED AP, Design Principal, Perkins+Will, delivers design excellence and projects of quality for corporate, governmental and academic clients. As a design leader, he structures a sustainable process that is dependent on incorporating the ideas, concepts and special expertise of many participants. Dimond works closely with an integrated design team to arrive at the successful resolution of any project — programmatically, functionally, financially and aesthetically.

Douglas D. Pierce, AIA, LEED AP, Senior Associate, Perkins+Will, has directed the Sustainable Design Initiative at the firms' Minneapolis office since 2001 with sustainable design planning responsibilities for over 2 million square feet of High-Performance and LEED Silver, Gold, Platinum and Living Building projects. Pierce is a Professor in Practice at the University of Minnesota School of Architecture where he co-teaches a graduate course in Sustainable Design Theory and Practice.

Event 17 — FREE

10:15 am – 11:30 am

Design Education: Teaching Children Through Collaboration

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Architecture in the Schools Committee

This fall, SiteLines Education is partnering with AIA Minnesota's Architecture in the Schools Committee to introduce their new SiteSeeing curriculum statewide while building on the strong classroom presence that the Architecture in the Schools Committee has developed throughout their 25-year tenure. This unique collaboration between organizations will teach children how to create healthy communities, engage substantively in the community process and develop an understanding of design — both as a profession and in the everyday world in which we live. Come witness design education in action. Learn about the initiative, see inspiring student work, hear exciting professional experiences and get involved in the exciting opportunities.

Mary deLaitre has extensive experience working in city building, focusing primarily on facilitating and coordinating public/private projects through her consultancy, Groundwork. She works primarily with neighborhoods to develop plans and programs to help them address current and future issues and needs. She has been involved in design education including founding and directing SiteLines (sitelineseducation.org), a 501(c)(3) that conducts research and develops educational materials, programs and events about neighborhood planning and design.

Architecture in the Schools, an AIA Minnesota volunteer-based committee, is dedicated to enhancing the architecture industry by educating Minnesota's youth about the importance of architecture and design. The Committee has a mission to "equip architects and educators with the tools needed to introduce the concepts of architecture to students of all ages."

Marie Parish, Assoc. AIA, is chair of the Architecture in the Schools Committee and project designer at The Foundation Architects. She has been working with kids of all ages since teaching ski-school on the downhill slopes and always brings energy and enthusiasm to the classroom, whether indoors or in the snow. Parish believes design education is important for everyone, especially children, in order to understand the interaction between people and the built environment.

Event 18

10:15 am – 11:30 am

Understanding the Entitlement Process in the City of Minneapolis

1.0 Hours of Continuing Education

Whether you're an architect, developer, contractor, or resident with a project to get approved through the City of Minneapolis, this program will identify, explain, and outline the necessary steps for a more time efficient entitlement process.

This program will provide attendees with a comprehensive understanding of what one should expect from the City of Minneapolis approvals process including the required applications and submittals, timelines and schedule of events, and additional recommended public outreach measures to ensure a smooth experience for all parties involved.

Lauren Huynh, Assoc AIA, LEED AP, is a designer at the firm of Elness Swenson Graham Architects. Huynh is an advocate of sustainability initiatives in city policy for green urban development. Huynh is currently working with Minneapolis city staff on a Sustainable Work Program to promote environmentally friendly design practices in the Zoning Code. Her expertise is assisting developers through the entitlement process and promoting sustainable design practices.

Chuck Liddy, AIA, has been a Vice-President at Miller Dunwiddie Architecture since 1992. He has had major responsibility for projects in the areas of Historic Preservation and Rehabilitation, Hospitality and Retail, Masterplans and Studies, Corporate and Government, Educational and Institutional, Religious, Healthcare, and Housing and Retail. Liddy is currently a member of the National Trust for Historic Preservation, the Preservation Alliance of Minnesota, the American Institute of Architects and is President-Elect (for 2009) of AIA Minneapolis.

Henry Reimer was appointed to be the Minneapolis Director of Inspections in 2004. In 2006 Reimer was selected to lead the City's multi-departmental effort to streamline its development review processes. The Minneapolis Development Review team was recently recognized and awarded at the City's sesquicentennial celebration as a team "that has changed the course of history" for its successful efforts. Reimer also directs the City's Construction Code Services and Housing Inspections divisions, as well as the Problem Properties Unit.

Jason Wittenberg, AICP, is a planning supervisor with the City of Minneapolis, where he has worked for the Community Planning & Economic Development Department for 10 years. Wittenberg supervises the department's Development Services division, which provides staff to the City Planning Commission, drafts updates to the City's zoning code, and conducts environmental reviews.

Event 19 — Exhibit Hall — FREE

11:15 am – 2:30 pm

Come visit with all of our fabulous exhibitors as they share their new and innovative products with you. You never know when you'll find the next best thing!

Be sure to visit the Minnesota Architectural Foundation's (MAF) exhibit of eco-friendly products and ideas. Be the highest bidder and you could be the proud owner of a new scooter! Don't be afraid to go **GREEN!**

Is your stomach growling already? If you're registered for the full convention program, don't forget to grab your \$5.00 lunch coupon for the Exhibit Hall café.

Event 20

2:30 pm – 4:00 pm

Senior Housing is not a "One size fits all"



1.25 HSW Hours of Continuing Education

How will demographic trends affect the Senior Housing market for care providers regarding services needed and amenities desired in the design of facilities? Senior Housing is a competitive market with seniors and their families seeking a greater diversity of services, location, and costs, all of which play a part in the selection of a facility. This program will show why it is better to be proactive than reactive to these market demands. Panel members representing three components will discuss how they relate to one another and how issues are anticipated to affect future trends for demographics, care provider services and facility design.

Nancy Rehkamp, principal at LarsonAllen, specializes in market strategy, and program and operational planning for acute and post acute health care organizations. Her knowledge and experience within these disciplines and provider organizations provides clients with an integrative perspective to health care planning issues and opportunities.

Ken Rivera of Rivera Architects, Inc. (RAI) brings 15 years of experience dedicated to the design of senior housing and care facilities. His innovative and exciting approach to the design and master planning of complex, multi-stage housing developments and their integration into urban redevelopments and suburban campuses is recognized throughout the region. RAI has designed and managed multi-million dollar mixed-use, independent living, assisted living, dementia facilities and nursing homes throughout the five state area.

Patricia Jo Vincent is a licensed nursing home administrator and is Chief Executive Officer for Three Links Care Center in Northfield, Minnesota. She is responsible for operational management and strategic planning for the campus which includes Skilled Nursing Care, Assisted Living, Home Care, Adult Day Care and Independent Housing. She has planned and developed several building projects on the Three Links campus. Her work experience includes over thirty years in the health care field with the majority of time devoted to long-term care.

Event 21

2:30 pm – 4:00 pm

Structural Steel... the Supply Chain and the Evolving Methods to Keeping Your Project Sustainable, on Time, and on Budget!



1.25 HSW Hours of Continuing Education

Structural steel is the most recycled material on the planet with a make-up of nearly 90% recycled content. Scrap from around the world is used

to produce the structural steel that we use everyday in the design and construction of buildings and bridges. This presentation will discuss how the volatility of this scrap material impacts pricing trends and availability issues. The presentation will also cover different design and project methodologies to help reduce the risk that today's global economy puts on the projects. We will address innovative structural systems that can reduce construction time, address the current sustainable advantages of building in structural steel, and explain how Building Information Modeling (BIM) is helping to reduce project risks and streamlining your deliverables by working together with the entire project team from day one.

Tabitha Stine, P.E., LEED AP, is the Great Plains Regional Engineer for AISC, the American Institute of Steel Construction. Prior to working at AISC, Stine worked for Sargent & Lundy, LLC in Chicago as a structural engineer in their Fossil Power Division. While at S&L, she gained experience in flue gas ductwork, analyzing steel for high temperatures and stresses within an SCR system of a coal fired power plant. She also was extensively involved in detailed welded connection design for the ductwork and the overall design for a new coal plant boiler building.

Event 22

2:30 pm – 4:00 pm

Energy Modeling: What Can You Know and When Can You Know It?



1.25 HSW Hours of Continuing Education

Architecture is beginning to be all about the modeling. Over the past twenty-five years, computerized simulation models of buildings — including energy and daylighting — have moved from the realm of experimentation and design innovation into more general acceptance in design practice. All models are abstractions and are not created equal. The abstractions and assumptions made by a modeler or embedded in the software are not always visible to the design team. Therefore, the value or meaning of any given model is often misunderstood and improper expectations are thereby created. Not surprisingly, any random sampling of opinions about "models" will produce a range of sentiments from appreciation to mistrust, depending on individual expectations and success with models. This program will discuss the design of energy models that are supposed to give the answers architects want in terms of carbon reduction, money and energy. It will also discuss what gets put into a model, what gets left out, when modeling can happen, by whom and for what reasons. Learn to use energy models as a true design tool from conceptual design through project closeout.

David Eijadi, FAIA, LEED AP, is a Principal at The Weidt Group who directs the firm's Design Assistance services for sustainable design and high performance buildings. He has been recognized for his work as a researcher, product developer, educator and pioneer in sustainable design and holds several patents. Eijadi has been involved with Energy Design Assistance (EDA) programs since 1993. Under his direction, EDA programs have been implemented on over 130 million square feet of construction, which results in air pollution reductions of 708 kilotons annually.

Jessie Peterson is the Xcel Energy product portfolio manager for Energy Design Assistance (EDA) in the Energy Efficiency Marketing group, promoting energy conservation among business customers. She has spoken locally on behalf of Xcel Energy with regard to energy conservation.

Event 23

2:30 pm – 4:00 pm

Architect 2012 . . . Where Do You Want to Be?

1.25 Hours of Continuing Education

What's next in your life as an architect? How can you strategize to get the professional future you want? Is it possible to win more, lose less, and get ahead of the curve? From past economic and technological shifts we have learned that some firms do indeed win more, are competitively agile, and become even more innovative with their design services and business models. The implications on professional practices in each client category can be mapped out and digested. This analysis calls for a new outlook on just where professional practice is heading. Implementing a relatively small set of strategic changes (strategy just means doing things differently) can significantly increase the odds of practice success. In this session you will explore how to look at the big picture and then pick the new opportunities around which to build your career; how to incubate and energize the good things about professional practice and how to learn from the bad habits and cast them aside; and how to plan for and achieve your own definition of success in 2012. Your career in practice can have its own innovative and successful approach.

James P. Cramer is the author of three best selling books on professional practice. As the co-chair of the Design Futures Council, he will introduce unique insights with a summons to action if the practice of architecture is to thrive in 2012. Not all that he suggests will be palatable, but all should be considered as strategic choices. Cramer is the Chairman of the Greenway Group, a management consultancy and foresight advisory organization based in Atlanta. He is the founding editor of *DesignIntelligence* and co-editor of the annual *Almanac of*

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Architecture & Design. He is a former EVP of the Minnesota Society of Architects and former EVP/CEO of The American Institute of Architects in Washington DC. Cramer is an advisor to a small group of global design firms and speaks to business people and students around the world about design and the value migration of professional services.

Event 24 — FREE

2:30 pm – 4:00 pm

Ralph Rapson Traveling Fellowship: Three Perspectives

1.25 Hours of Continuing Education

Co-sponsored by The Minnesota Architectural Foundation

The Rapson Traveling Fellowship, administered by the Minnesota Architectural Foundation, was first awarded nearly twenty years ago. The purpose of the Fellowship, awarded to the winner of a design competition, is to provide young architects the opportunity to advance their education in architecture by pursuing foreign or domestic travel-study. To assist in their education, \$10,000 is awarded to the winner. Learn more about the history of the Ralph Rapson Traveling Fellowship and design competition, and how the program is structured, judged, and awarded. Three Rapson Fellows will discuss their Fellowships, their travel and study experiences, and the impact this program has had on their professional and personal lives.

Eric Amel, Assoc. AIA, is an employee of Hammel, Green and Abrahamson, Minneapolis. He teaches drawing at the University of Minnesota College of Design and was selected the 12th Ralph Rapson Traveling Scholarship Fellow in 2005. He drew throughout Switzerland and surrounding nations in the summer of 2006.

Brian Larson, AIA, established Larson Brenner Architects, Stillwater, in 1993. He has been a teaching associate in drawing at the University of Colorado, Boulder and architectural design at the University of Colorado, Denver, and a guest design critic at the University of Minnesota College of Design. In 1989, Larson was the winner of the first Rapson Traveling Fellowship. He lived for six months in Oslo, Norway, exploring cold climate design and Scandinavian architecture.

Nick Potts, Assoc. AIA, began working at HGA upon graduation in 2005. At HGA, his project experience includes B'nai Israel Synagogue in Rochester, Minnesota, and projects for the Winona Historical Society, Yale University Health Services, and Texas A&M University. The winner of the 2007 Ralph Rapson Traveling Fellowship, Potts completed his travels this past June across northern India — in search of modernism, its antecedents and its precedents.

Event 25 — Exhibit Hall — FREE

3:45 pm – 6:00 pm

Daring to get in with the trendy new **GREEN** crowd? Check out the MAF exhibit booth where you'll find new and earth-friendly ideas that may spark your interest. See something you can't live without? Place your bid and you'll be supporting MAF's important role in our architectural community.

Take advantage of our amusing "Booth Sleuths" activity. You might be a big winner! Drawings will take place 15 minutes before the end of each Exhibit Hall session and you have to be present to claim your prize. Don't miss out!

Event 26 — Keynote Address

6:00 pm – 7:30 pm

Articulating the Everyday

1.25 Hours of Continuing Education

Marlon Blackwell's work is born out of a goal to enrich the experience of the everyday world by simply "building well". The firm seeks to provide their clients an architecture that can be felt as much as it is understood, as immediate and tactile as it is legible, contributing to the fundamental civic dignity of communities. Working from a conviction that architecture is larger than the subject of architecture, Blackwell looks at the world with a microscopic wide-angle lens to generate ideas and actions from concrete experiences of the everyday, between the ordinary and the extraordinary, between one's own personal history and the history of the discipline of architecture. For his lecture, Blackwell will discuss his design work as interplay between details, form, and place, challenging the conventions and models that often blind us to other possibilities.



Marlon Blackwell, AIA, was born in Munich, Germany in 1956. He is an architect and tenured professor at the University of Arkansas in Fayetteville, Arkansas. Work produced from his private practice, Marlon Blackwell, Architect, has received national and international recognition through numerous AIA design awards and architectural publications including *Architecture*, *Detail*, *Dwell*, *Architectural Record*. His residential projects are featured in a number of design books. Princeton Architectural Press published

a monograph of his work entitled *An Architecture of the Ozarks: The Works of Marlon Blackwell* (April 2005). In 1998, the Architectural League of New York recognized him as an "Emerging Voice" in architecture. In January 2006, Blackwell was selected by *The International Design Magazine* as one of the ID Forty: Undersung Heroes. At the University of Arkansas he has co-taught design studios with Peter Eisenman (1997 & 1998), Christopher Risher (2000) and Julie Snow (2003). Most recently, he was the Paul Rudolph Visiting Professor at Auburn University (Spring 2008) and the Cameron Visiting Professor at Middlebury College (Fall 2007). In 1994, he co-founded the University of Arkansas Mexico Summer Urban Studio, and has coordinated and taught in the program at the Casa Luis Barragan in Mexico City since 1996.

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Event 27

8:00 am – 10:00 am

Great Daylighting is No Accident: Innovative Daylight Harvesting Strategies and New Simulation Methods and Metrics

1.75 HSW Hours of Continuing Education

This program will provide participants with a basic understanding of innovative daylighting strategies and new techniques for modeling effective daylighting in buildings. Instructors will present a method that will help designers intentionally optimize daylight, including daylighting programming, goal setting and benchmarks, strategies, and new simulation and analysis tools and methods, as well as integration of daylight with other issues related to energy and human health. The instructors propose new dynamic metrics for daylighting that provide a better way of evaluating proposed designs such as a bio-climatic approach to massing, orientation, fenestration and shaping of interior spaces. Emerging daylighting technologies and products will also be discussed. Examples include automated shading systems, split venetian blind systems, light re-directing films, switchable glazing, Solar PV integrated glazing, light shelves and louvers. Case studies will be used to illustrate where emerging daylighting strategies and technologies have been successfully integrated.

Loren E. Abraham, AIA, LEED AP, Abraham & Associates, has focused on designing daylight environments that promote human health and productivity since 1990. He has helped develop guidelines and design tools such as LEED, the Whole Building Design Guide (wbdg.org) and Energy 10 software. Abraham was a founding member of the US Green Building Council, past chairman of the Sustainable Buildings Industries Council, has worked with the White House and is currently a board member of the Minnesota Renewable Energy Society.

Mary Guzowski is an Associate Professor in the School of Architecture at the University of Minnesota. Her continued fascination with light, the natural environment, and ecology has shaped her architectural research and teaching. Recent research has focused on innovations in solar and carbon-neutral architecture. Other projects involve development of architectural design resources to reduce greenhouse gas emissions while fostering design excellence. Guzowski has received educational awards for her work in ecological design education.

Event 28

8:30 am – 10:00 am

Origins of an Architectural Practice: An Alternative Approach

1.25 Hours of Continuing Education

Based on the somewhat unconventional and hands on approach of Oyler Wu Collaborative, this program will focus on the issues, frustrations, and tremendous rewards involved in starting an architectural practice. Based in Los Angeles, the firm has been involved in projects that vary dramatically in scale, geographic location, and program. With a deep belief in maintaining the process of design through all phases of architectural services, Wayne Oyler will outline the firm's own alternative approach to building a design practice. Still a young office, encountering new challenges on an almost daily basis, the presentation will focus on how their work is shaped by the realities of practice, while still maintaining an experimental design approach.

Dwayne Oyler, along with Jenny Wu, established the office of Oyler Wu Collaborative in 2000. Oyler has taught at the Southern California Institute of Architecture (SCI-Arc) and the Research Institute for Experimental Architecture in Vico Morcote, Switzerland. Prior to relocating to Los Angeles in 2004, he taught in the Thesis Design Studio program at Cooper Union for the advancement for Arts and Sciences in New York City. He currently heads the Undergraduate Thesis Design Studio at the Southern California Institute of Architecture (SCI-Arc).

Event 29

8:30 am – 10:00 am

Transmaterial



1.25 HSW Hours of Continuing Education

As the speed of technological progress continues to accelerate, innovation threatens to outpace architects' and designers' working knowledge of materials, thereby limiting their applicability. In order to stay at the cutting edge of design, a knowledge of the uses, properties, and sources of new materials is essential. Moreover, because material choices relate directly to the larger environmental challenges of energy and resource depletion, pollution, and global warming, such knowledge is increasingly critical for the future of architectural practice.

Blaine Brownell is an Assistant Professor at the University of Minnesota School of Architecture. A practicing architect and researcher of innovative materials, Brownell authored *Transmaterial: A Catalog of Materials that Redefine our Physical Environment*, as well as *Transmaterial 2*, both published by Princeton Architectural Press. He was selected for a 2006 "40 Under 40" award by *Building Design & Construction* magazine, and was also the recipient of a Fulbright fellowship to Japan for 2006-2007.

A book signing for Blaine Brownell's *Transmaterial* is scheduled to immediately follow this program.

Event 30

8:30 am – 10:00 am

The Law and Sustainable Design and Construction



1.25 HSW Hours of Continuing Education

This seminar will discuss legal aspects of sustainable design. The discussion will address existing and proposed legislation, regulations, development incentives, implications for project delivery and contractual relationships, and current and likely treatment in the courts. Questions will be explored such as: Does the law or professional ethics require sustainable design? How does sustainable design affect the contractual relationship between the owner and the architect? How does sustainable design affect the contractual relationships between and among the architect and the other project participants, including engineers, contractors, commissioning agents, and regulators? Is one project delivery method best suited to sustainable design? What does integrated practice have to do with it?

Eric Galatz, Assoc. AIA, is a shareholder in the Real Estate, Construction and Public Law groups of Leonard, Street and Deinard, representing owners and developers of real estate, contractors and design professionals. Galatz graduated *cum laude* from the University of Minnesota Law School in 1991. He received his Bachelor of Architecture degree from the University of Minnesota in 1978 and practiced architecture for ten years before entering law school. Galatz is a frequent lecturer on construction, development and land-use topics.

Event 31

8:30 am – 10:00 am

FSC Certified Wood: Protecting our Forests While You Build



1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on the Environment

Building with wood from Forest Stewardship Council (FSC) — certified forests may be one of the simplest and important actions you can take as a responsible building professional. We'll share why FSC certification is so critical; the essential differences in certification systems; and many helpful tips on specifying, sourcing, and LEED documentation requirements.

Corey Brinkema is President of the Forest Stewardship Council — US. FSC promotes responsible forest management by evaluating and accrediting certifiers, developing forest management and chain-of-custody standards, and by educating the public on the importance of credible wood certification as a tool for ensuring that the world's forests are protected for future generations. Brinkema brings 22 years of national and international experience in sustainable development, including 10 years in green building design and development.

Dan Haugen is President of Certified Wood Products, Inc. Haugen owned and operated Haugen Forest Products, a manufacturer of semi-finished forest products, for 25 years. In 2000, he founded CWP to ensure that the values in which he most believed — responsibility that is market competitive in every imaginable way — remained a vital part of the forest products industry.

Ed von Thoma is President of Building Knowledge Consulting. Building Knowledge was recently recognized as Minnesota's only LEED-Home Provider. Von Thoma advocates the house as a system approach to home design and construction, in accordance with building science principles. He has extensive expertise in the development of innovative single- and multi-family homes with a commitment to prove that better design creates value for the builder and the homeowner.

Event 32

10:15 am – 11:45 am

Architectural Photography: The Digital State of the Art

1.25 Hours of Continuing Education

Co-sponsored by the Architecture Minnesota Committee

Right before our eyes, photography has undergone what is arguably its biggest revolution since the invention of the silver emulsion. Besides turning most film cameras into "disposables" and cutting way down on trips to the drugstore, what else does this mean? We don't have the perspective of time to know all the answers, but this program will explore how these recent developments have changed photographers' capabilities and how this has changed the way projects can be showcased. Attend this program to gain insight on what this photographic revolution might mean for you and your firm and tips on how to get the most out of the photographers you hire.

Don Wong has been teaching himself photography since the late 60's. He earned his architectural degree in 1979 and spent over ten years as an architect in professional practice before deciding to merge the two disciplines. He has been a professional photographer for the past 20 years specializing in architecture and interiors, and has been a regular contributor to *Architecture Minnesota* magazine since 1991.

Event 33

10:15 am – 11:45 am

Education: A Driver for Change

1.25 Hours of Continuing Education

Owners knowledgeable about data-enhanced technology and sustainable design demand that practitioners are more educated and have greater expertise in a wider range of areas than ever before. Maintaining leadership in response to these demands suggests a new relationship between the academy and the profession. Offices and schools play complementary roles in education of students, interns and professionals at all levels. In the past, the role of each has been purposely segregated along boundaries established by accreditation standards, requirements of the Intern Development Program (IDP) and existing professional continuing education systems. This session outlines national trends and cutting edge proposals that can make Minnesota a model for leveraging our uniquely strong assets and educational values in both offices and schools.

Renée Cheng, AIA, is Head of the School of Architecture, College of Design at the University of Minnesota. She has been recognized for teaching excellence with numerous teaching awards at the school, state and national level. She was recently one of a team of faculty from the U of M who won the 2008 AIA Education Honor Award for a transformative professional curriculum. Her research involves documenting case studies of buildings that integrate design with emerging technologies. Cheng is President-Elect for AIA Minnesota.

Laura Lee, FAIA, is Professor of Architecture at Carnegie Mellon University, where she served as head of the school from 2004–2008. She teaches courses in design, professional practice, and interdisciplinary arts in the US and abroad. Lee was appointed to be a member of the AIA National Board Knowledge Committee, member of the AIA National Case Studies Work Group, and is Past-Chair of the AIA National Educator/Practitioner Net. She has lectured and served on panels addressing issues concerning the relationship between education, internship, and practice.

Event 34

10:15 am – 11:45 am

Measuring and Benchmarking Actual Results in Building Performance

1.25 HSW Hours of Continuing Education

There are plenty of eco-friendly buildings these days, but are they actually good for the environment? A new tool is helping one design firm find out. LHB uses a tool called Performance Metrics™ to understand the implicit impact of the buildings they have designed. Such post-occupancy evaluations are rare — and potentially risky. LHB is currently taking that risk by assessing 74 of its own buildings constructed between 1996 and the present. The facilities' measurements include not only energy efficiency, but also stormwater, water, and waste. These valuable results from previously designed facilities provide immeasurable knowledge for the future of "green design".

Rick Carter, AIA, LEED AP, is the Senior Vice President in LHB's Minneapolis office where his primary responsibilities include business development, project leadership, and sustainable design. Carter works extensively on issues of sustainable design by promoting improved indoor air quality, energy efficiency, and resource efficiency. Carter is an adjunct faculty member and teaches a graduate level sustainable design course at the University of Minnesota's College of Design in the MS in Sustainable Design Program.

David T. Williams, PE, LEED AP, is a Mechanical and Fire Protection Engineer with 26 years of mechanical design experience. His duties include overseeing design and specification of building mechanical systems, forensic engineering

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services, preparation of cost estimates, coordination with contractors, preparation of presentations, client presentations, department staffing, and in-house training. As a fire protection engineer, Williams provides fire protection system designs and plans and evaluates compliance with fire codes and standards.



Merrill Elam, FAIA



Bruce Fowle, FAIA



Sebastian Schmaling, AIA

Merrill Elam, FAIA, is co-principal of Mack Scogin Merrill Elam Architects in Atlanta Georgia.

Bruce Fowle, FAIA, is senior partner at FXFowle Architects in New York City, New York.

Sebastian Schmaling, AIA, is co-principal of Johnsen Schmaling Architects in Milwaukee, Wisconsin.

Event 35

10:15 am – 11:45 am

Precast Concrete and Sustainable Design

1.25 HSW Hours of Continuing Education



Co-sponsored by the Midwest Precast Association

Learn why precast concrete is a great choice as a sustainable building material and how to use it in sustainable design. This course will explain what precast concrete is and the many advantages it offers architects and owners including its contribution to obtaining LEED certification. However, this course will go beyond the LEED certification system to discuss some of the true challenges we face in our ever-changing world including other elements of sustainability such as storm resistance. Case studies will be presented to highlight what is being discussed. This is a great introductory course for architects who have had little or no experience in using precast concrete in sustainable design.

Brian D. Miller, P.E., LEED AP, has more than 20 years of experience in the precast concrete and concrete materials industries. He holds degrees in civil engineering and construction technologies. Miller is the director of engineering and technology for the Precast/Prestressed Concrete Institute, where he serves as the liaison to several committees. He also is a staff liaison to the organization's newly formed Sustainability Committee.

Event 39

2:00 pm – 3:15 pm

Application of Building Information Modeling (BIM) to Code Compliance and E-Government



1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota BIM Breakfast Club

This presentation will provide information on how using IT in an e-government environment can affect the way architects determine compliance with building regulations during the building design process. The presentation will also foster an understanding of how automated code compliance checking with BIMs can be integrated into an e-government environment to facilitate plan review and approval.

David Conover holds the position of Senior Advisor with the International Code Council. ICC is a membership association dedicated to building safety and fire prevention that develops model codes covering building construction and maintains a robust support infrastructure to facilitate their implementation by federal, state and local authorities and the building design and construction community. He is currently leading an effort at ICC to automate the process of checking building design submittals for building regulatory compliance.

Event 40

2:00 pm – 3:15 pm

Water: Preserving Our Lakes, Rivers, Streams, and Aquifers



1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on the Environment

Water is a foundational element of civilization and a key to quality of life in our region. Clean water resources are declining globally due to climate change and population increases, while bio-fuels are taxing our local aquifers. This expert panel will inform you on the state of water in the Upper-Midwest while offering site and building specific design solutions that conserve water and maintain its quality.

Darrell Gerber coordinates the Energy and Water programs in the Minneapolis office of Clean Water Action. His work primarily concentrates on global warming, the Great Lakes and the Clean Water Act. Clean Water Action is a national grassroots organization working for clean water, health, safe jobs and making democracy work. Clean Water Action has 1.2 million members nationally including 90,000 in Minnesota.

L. Peter MacDonagh, RLA, is Director of Design & Science of The Kestrel Design Group, Inc. providing specialized services in sustainable design, focused on ecological storm water management, restoration of native plant communities and low impact development. MacDonagh has worked with numerous municipalities, park boards, watershed districts, and corporations. He is an adjunct faculty member and teaches ecological design in the Graduate School of the University of Minnesota's Landscape Architecture program and in the Architecture program in Sustainable Design.

Lonnie Vande Kamp, PE, LEED AP, is a Project Manager and Senior Associate with Dunham Associates. Vande Kamp has over 20 years of experience in mechanical design including programming, design, construction administration and commissioning of mechanical systems. He is active in creating and manipulating computational heat transfer and fluid dynamic models of ventilation and cooling systems in order to provide proper cooling air flow.

Event 36

10:15 am – 11:45 am

Designing for a Workforce That Spans Four Generations

1.25 Hours of Continuing Education

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

Two major forces affecting design today are culture and technology. In this session, participants will explore the characteristics of each generation and the effect it has on both the emotional health of individuals and the organizational welfare of those who share one work environment. This presentation will discuss the latest trends as they relate to speed, display and visual characteristics in our environment and how these elements affect the broad range of generations in today's workforce.

Steve Slifka is a Regional Manager for Steelcase, Inc., an international work effectiveness company whose knowledge, products and services enhance the quality of people's lives in work environments. Its product portfolio includes furniture systems, seating, lighting, storage, architectural and technology products, and related products. Slifka is currently a member of both IIDA and ASID.

Event 37 — Exhibit Hall — FREE

11:30 am – 2:00 pm

This is your last chance to fill up your card for "Booth Sleuths." Go ahead and meet some new people! You might find the next big product while you're at it. Prizes will be awarded at the end the Exhibit Hall session so stick around. You have to be present to win.

Still pondering that special **GREEN** item over at the MAF booth? Here's your last chance to put in that winning bid! Don't be bashful. You're supporting the Minnesota Architectural Foundation and doing your part to save mother earth. Pat yourself on the back!

With your full Convention registration don't forget to use your \$5.00 lunch coupon valid at the Exhibit Hall café.

Event 38 — FREE

2:00 pm – 3:15 pm

Honor Awards Announced!

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on Design

Who won and why? The jury's selection of the 2008 AIA Minnesota Honor Award winners will be announced at this event. A facilitated discussion with the jurors will explore the distinction of Minnesota architecture and a detailed analysis of their submitted work.

Event 41

2:00 pm – 3:15 pm

The Nature of Natural Thin Veneer



1.0 HSW Hours of Continuing Education

This program will provide an overview of how stone as a building material evolved into thin veneer and why it is quickly becoming the stone of choice for masons, architects and designers. The program will explain the four application methods, explain the general installation steps, and analyze comparisons between full and thin veneer. The program will enable the attendee to be able to recognize architectural techniques that have been used in a variety of natural thin stone veneer installations.

Brett King is an AIA certified presenter for Natural Stone Veneers International Inc (NSVI). He is responsible for sales and marketing in Central US and Canada. King has an extensive background in the building industry with emphasis in masonry and excavating. Recently, King was involved with filming an episode on natural stone veneer application for This Old House which will air nationally late 2008.

Event 42 — FREE

2:00 pm – 3:15 pm

Architect Registration Examination: Transitioning Made Easy

Co-sponsored by the AIA Minnesota IDP Committee

Are you blasting through the nine divisions of ARE 3.1 or strolling through the streamlined seven divisions of ARE 4.0? No matter what your situation may be, this program can help navigate your journey to architectural registration. This presentation will focus on planning a strategy for completion of all exams while avoiding duplicated test content. NCARB's test resources will also be reviewed to help alleviate concerns with the vignette software and testing procedures. All candidates in the process of taking the ARE as well as those soon to begin exams are encouraged to attend.

Jared N. Zurn, AIA, Assistant Director, ARE Development, has 9 years experience in education development and assessment. Recently hired as leadership staff at NCARB, his focus at NCARB is on quality and delivery of the ARE and its graphic vignettes. A Detroit Lakes, Minnesota native and licensee in Minnesota, he provides a comprehensive view of the registration process.

Event 43 — Keynote Address

3:30 pm – 5:00 pm

Jurors Show and Tell

1.25 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on Design

This keynote address features three architects, serving as this year's AIA Minnesota Honor Award jurors, who will talk about their practice and projects through a presentation of their work.

Merrill Elam, FAIA, is a principal in the firm of Mack Scogin Merrill Elam Architects, in Atlanta, Georgia. In addition to her practice she lectures and teaches at the following schools: Syracuse University, the City College of New York, the University of Toronto, the Ohio State University, the University of Texas at Austin, the University of Illinois at Chicago, Yale University, the University of Virginia, and Harvard University Graduate School of Design and SCI-Arc. With Mack Scogin, she received the 1995 Academy Award in Architecture from the American Academy of Arts and Letters, the 1996 Chrysler Award for Innovation in Design and a 2008 Honorary Fellowship in the Royal Institute of British Architects (RIBA). Their work has received six National AIA Awards for Excellence, and their current projects include the Yale University Health Services Center in New Haven, Connecticut; the Gates Center for Computer Science at Carnegie Mellon University in Pittsburgh, Pennsylvania; the new U.S. Federal Courthouse in Austin, Texas; the Lulu Chow Wang Campus Center and Davis Garage for Wellesley



Lulu Chow Wang Campus Center, Wellesley, MA

College in Wellesley, Massachusetts; the Austin E. Knowlton School of Architecture for The Ohio State University in Columbus, Ohio; the Jean Gray Hargrove Music Library for the University of California at Berkeley in Berkeley, California; the Herman Miller Cherokee Operations facility in Canton, Georgia; and the Bailey HouseStudio in Atlanta, Georgia.

Bruce Fowle, FAIA, is senior partner and co-founder of FXFowle Architects in New York City, New York. FXFOWLE Architects began in 1978 on the philosophical basis that architecture must be conscious and respectful of context, utility, and sustainability while elevating the human condition. FXFOWLE Architects is a thirty year old architectural, interior design, planning, and urban design firm com-



The New York Times Building, New York, NY

mitted to design excellence, social responsibility, and sustainability with offices in New York and Dubai. The firm's diverse portfolio of projects includes work of all types and scales across the globe, and is based on a core commitment to enriching the built environment by creating projects with social, environmental, and aesthetic integrity. As one of the pioneers of sustainability, Fowle has guided the firm to international recognition for excellence in design and for green building innovations. His design leadership has shaped many of the firm's recognized work and has earned numerous major awards, including a National AIA Honor Award for Design for the Condé Nast Building at 4 Times Square — the first green skyscraper in the United States.

Sebastian Schmalig, AIA, is co-founding principal of Johnsen Schmalig Architects in Milwaukee, Wisconsin. A recipient of the AIA Henry Adams Medal and Harvard's Gerald McCue Medal, Schmalig, who is originally from Berlin, received a Master of Architecture and Urban Design from Harvard, where he graduated with distinction. In addition, he has a Master of Architecture from the University of Wisconsin-Milwaukee and a Dipl. Ing. Architekt degree from the Technical University Berlin. He was a Teaching Fellow at Harvard College, where he received the Distinction in Teaching Award, and regularly teaches as an adjunct professor at the University of Wisconsin-Milwaukee School of Architecture and Urban Planning.



Urban Infill 02, Milwaukee, WI

Recent honors include two National AIA Housing Design Awards, four Honor Awards and three Merit Awards from the AIA Wisconsin, the 2008 Architectural League of New York's Emerging Voices Award, a *Contract* National Interior Design Award, an *Architectural Record* Interiors Award, as well as the Project of the Year Award from *Residential Architect* and the Home of the Year Award from *Custom Home*.

Event 44 — FREE

5:00 pm – 6:30 pm

Reception

After the announcement of the 2008 Honor Award winners, join your colleagues at the reception to celebrate. There will be food and refreshments. You'll have an opportunity to review all of this year's submissions. Take time to view an exhibit for this year's Gold Medal Award recipient — David Salmela, FAIA, of Salmela Architect. Browse through other exhibits including the 2008 25-Year Award, the 2007 Honor Award and Divine Detail winners and a special exhibit of past Louis Lundgren Award recipients. Celebrate and enjoy award-winning architects at this AIA Minnesota Member Reception. The Minnesota Architectural Foundation will also announce winners of their Eco Friendly Silent Auction. And last, but certainly not least, join us in a toast to celebrate the life of Ralph Rapson, FAIA, and the legacy that he has left the profession of architecture.



Event 45

8:30 am – 10:00 am

Architectural Design and Ethics



1.25 HSW Hours of Continuing Education

Based on the book *Architectural Design and Ethics* recently published by the Architectural Press, Thomas Fisher will look at how design and ethics offer ways in which our global population can deal with the resource scarcities and climate changes that will confront us in the coming decades. A key concept is that of resiliency, relating not just to the materials in buildings, but also to the design, operation, and reuse of structures, landscapes, and communities. As circumstances force us to increasingly depend on local production and local assets, the resiliency of what we design and of how we deal with the ethical challenges of resource allocation in an over-populated world will become ever more important.

Thomas Fisher, Assoc. AIA, Dean of the College of Design at the University of Minnesota, has published 30 book chapters/introductions and over 250 articles in various journals, and has written four books: *In the Scheme of Things*, *Alternative Thinking on the Practice of Architecture*; *Salmela Architect*; *Lake/Flato Buildings and Landscapes*; and *Architectural Design and Ethics: Tools for Survival*.

A book signing for Tom Fisher's *Architectural Design and Ethics: Tools for Survival* is scheduled to immediately follow this program.

Event 46

8:30 am – 10:00 am

Icon Solar House: Innovative Design and the Solar Decathlon



1.25 HSW Hours of Continuing Education

The Solar Decathlon brings together 20 international schools to build and operate a solar house on the National Mall in Washington DC. Chosen as one of 20 schools to compete in 2009, the University of Minnesota has used the Solar Decathlon competition as a means to put forth new ideas while learning and building on lessons from previous house designs. The competition not only addresses building-integrated solar-electric and solar-thermal energy, but also serves as a creative outlet for many new innovations in building technology and sustainable strategies such as a life-cycle-nutrient approach to building materials and assemblies. Bringing together students, faculty, and professionals from many disciplines the group works as 10 integrated teams to arrive at an innovative design prototype of sustainable housing. This program focuses on the integrated design process, the design features, and the innovative technologies in the house.

Ann Johnson, P.E., serves as the Principal Investigator for the Solar Decathlon project. She currently serves as Faculty Director of the University's Construction Management Degree Program and also teaches in civil engineering. As a construction engineer, Johnson has been responsible for the management and monitoring of many building and heavy/highway construction projects. Johnson also teaches several courses for the Minnesota Department of Transportation's certification program.

Jonee Kulman Brigham, AIA, LEED AP, serves as the Faculty Advisor to the Solar Decathlon Student Group. She is a Research Coordinator with the Center for Sustainable Building Research (CSBR) and an Adjunct Teaching Instructor at the University of Minnesota, College of Design. She served on committees for the technology curriculum and the development of the Masters of Science in Architecture – Sustainable Design Track. She is also a Co-Principal Investigator on the B3 State of Minnesota Sustainable Building Guidelines, and a Principal Investigator on CSBR's consulting role to the Minnesota GreenStar, Certified Green Homes and Remodeling program.

Josh Quinnell serves as the student leader of the Energy Modeling team. Quinnell is a graduate student in the Mechanical Engineering Department and a researcher in the Solar Energy Laboratory at the University of Minnesota. He holds B.S. and M.S. degrees in Mechanical Engineering.

Ethan Torrey serves as the student leader of the Photovoltaic team.

Shengyin Xu, LEED AP, serves as the Student Project Manager and the student leader for the Architectural Design team. She holds a Master's of Architecture degree and is completing a Master's of Science program in Sustainable Design, with a Certificate in Metropolitan Design. She has a Bachelor's of Science in Architecture from the University of Maryland. Recently, Xu received the Design Democracy Fellowship, the AIA Minneapolis Graduate Fellowship, and a Design Excellence Award for her design projects.

Event 47

8:30 am – 10:00 am

Visioning Rail Transit

1.25 Hours of Continuing Education

While the public has grown used to the convenience and service that rail transit affords in large metropolitan areas, Visioning Rail Transit offers a model for Transit Oriented Development in a broad range of urbanized areas. More than the design and enhancement of transportation networks, this session will explore new development forms that connect urban, suburban and exurban conditions.

William Conway, AIA, is a principal in Conway+Schulte Architects and an Associate Professor of Architecture at the University of Minnesota. At Conway+Schulte Architects Conway leads design teams in a range of project types including corporate, institutional, residential, transit, public art and urban design. Recognized for design excellence, the firm has received numerous national, regional, state and local design awards. Conway's academic and research interests are focused on the intersection of architecture, landscape and urban infrastructure. His current work includes transit oriented development, low impact and sustainable residential design and the design of urban public spaces.

Stephen Luoni is Director of the University of Arkansas Community Design Center (UACDC) where he is the Steven L. Anderson Chair in Architecture and Urban Studies. His design and research have won more than fifty design awards for planning and urban design, including *Progressive Architecture Awards*, American Institute of Architects Honors Awards, a Charter Award from the Congress for the New Urbanism, and American Society of Landscape Architecture Awards. His work at UACDC specializes in interdisciplinary public works projects combining landscape, urban, and architectural design. Current work includes design and planning for municipal infrastructure, low impact development in residential development, campuses, parks, and big box retail.

Event 48

8:30 am – 10:00 am

Specialization — The Future of the Architectural Profession?

1.25 Hours of Continuing Education

In recent years the architectural profession has been moving toward specialized practice. It is almost impossible to get a project today when your firm cannot show depth of experience. This program will look at what specialization means for us today and explore what it may mean in the future. Is there room for a traditional approach to practice, where architects are generalists? What does specialization mean for the next generation entering the profession? How is architectural education approaching specialization, and what is the AIA's position on specialty certificates? These, and other questions, will be the basis of this presentation and discussion.

Steve Dorgan is a Senior Advisor at CresaPartners, a corporate real estate consulting firm. Dorgan's clients include St. Jude Medical, Children's Hospitals and Clinics, YMCA, and UnitedHealth Group. He holds an Urban and Regional Studies degree from the University of Minnesota – Duluth. Dorgan will bring the owner's perspective to the conversation.

Jeffrey C. Frush, AIA, is a Principal and Vice President at Ellerbe Becket with over 35 years planning and designing healthcare facilities worldwide. A graduate of the University of Minnesota, Frush's clients range from Park Nicollet Clinics and the Mayo Clinic to clients in Dubai and Moscow.

Tom Hysell, AIA, is currently Director of Project Development at Mortenson Construction. He is formerly a Principal at Architectural Alliance, where he managed projects that ranged from the US Courthouse (with KPF), Minneapolis Central Library (with Pelli Clarke Pelli), and the University of Minnesota TCF Bank Stadium (with HOK Sport). Hysell will moderate the discussion.

John Miologos, AIA, is Senior Vice President of Architectural Services at WD Partners in Dublin, Ohio and has been leading the discussion of specialization nationally. Formerly he was the Vice President of Design and Construction at McDonald's and is a graduate of the University of Illinois at Chicago.

Ted Rozeboom, AIA, is a Principal at Perkins+Will and for over 30 years has focused his career on the programming, masterplanning and design of educational facilities. His innovative school projects have won National NSBA Schools of the Year awards and Minnesota AIA Honor Awards.

Event 49

10:15 am – 11:45 am

Breaking the 6% Performance Barrier

1.25 Hours of Continuing Education

Most architects have already tried to increase revenues and profits through traditional methods — increasing chargeability; recruiting employees with an "owner" mentality; investing heavily in business development schemes, and constantly seeking diversity in service offerings. The result is an incremental increase in revenue that is neither wildly profitable nor sustainable. The fact is, on average, architecture and design firms are only realizing 5% of their revenue potential.

Phenomenal growth comes from fully leveraging organizational assets that do not appear on a balance sheet or income statement — clients and service offerings — and by focusing on providing value throughout the duration of a project. Using the AIM Model (Assessment, Implementation, Maintenance), firms are able to create offerings for each stage of the project and ensure a long-term relationship that evolves. The result is phenomenal growth.

Brad Dawson is the Managing Director of LTV Dynamics. Prior to starting LTV Dynamics, he was a senior-level sales director and management consultant for Electronic Data Systems, a national practice manager for Coopers & Lybrand's Higher Education and Not-for-Profit Consulting Practice and a senior consultant for KPMG Consulting. He is a frequent lecturer to international entrepreneurial business and has been a guest speaker at several notable institutes.

Event 50

10:15 am – 11:45 am

Curtain Wall Essentials



1.25 HSW Hours of Continuing Education

This program will provide essential information on curtain wall and aluminum design. Topics include components of curtain wall, aluminum alloys and tempers, extrusions, dies, material properties, coatings, design, fabrication, mockup testing and installation. Several projects will be discussed including RE/MAX Corp Headquarters in Denver, Blue Cross Blue Shield in Chicago, Trump Tower in Chicago, Interactive Corp in New York, and Beekman Tower in New York.

Ken Walerius, P.E. is a Licensed Professional Engineer in 13 states and has 20 years experience in the design and analysis of aluminum curtain wall and exterior wall systems. Walerius has been a Toastmaster for 7 years and recently completed the National Speakers Association Apprentice Program on Professional Speaking.

Event 51

10:15 am – 11:45 am

Four Weddings and a Funeral — An Unlikely Partnership for a Neighborhood Revitalization



1.25 HSW Hours of Continuing Education

A church, a funeral home, a library, a social service organization and a parks department have come together to build an innovative facility shared on Saint Paul's storied East Side. Learn how this committed group is working with an inter-disciplinary design team to envision a LEED platinum facility that keeps each respective organization relevant to the community they all serve and the neighborhood they all love. In a panel format, the partners and designers of this unique and groundbreaking project will share their vision, design ideas and process to get there, along with the hurdles and apprehension that always accompany innovation.

Bruce Chamberlain, ASLA, is a national award-winning urban designer and Vice President of the Minneapolis firm of Hoisington Koezler Group. Chamberlain unites his passion for place-making with a quest for ever more sustainable design in a professional practice of innovation and community-building. He is past president of the Minnesota Chapter of the American Society of Landscape Architects, sits on the Mayor's Great City Design Team Steering Committee and stays closely involved with the University of Minnesota College of Design as an instructor, guest critic and student mentor.

Kevin Flynn, AIA, is an architect, green building consultant and leader within the sustainable design community. His firm, EcoDEEP, practices with an acute focus on sustainable design. Flynn writes and speaks nationally about sustainable design. He was the first practicing architect in the state of Minnesota to become LEED Accredited, serves on the Board of Directors for the USGBC Mississippi Headwaters Chapter, AIA's Committee on the Environment, the Minnesota Environmental Initiative, the Saint Paul Environmental Roundtable and is part of the land use task force for the City of Saint Paul.

Paul G. May, AIA, is an architect with Miller Dunwiddie Architecture in Minneapolis, with a specialty in the design and planning of urban, educational and faith-based projects. He has over 20 years experience, developing leadership skills for the participatory design process. May has a Master of Architecture degree from the Massachusetts Institute of Technology and has been heavily involved with the Minnesota Design Team, the Minneapolis Mayor's Great City Design Team and AIA Minnesota.

In addition to the design team of Chamberlain, Flynn and May, representatives of the city, neighborhood and user groups will be participating.

Event 52

10:15 am – 11:45 am

Global Warming Solutions



1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee on the Environment and Perkins+Will

Hear from Minnesota's own eyewitness to global warming, renowned polar explorer Will Steger, in a slide presentation that documents his first-hand experience with a changing climate at both poles of the earth. Steger is pairing up with Fresh Energy's J. Drake Hamilton, who will describe science-based recommendations on the actions needed to slow down climate change while building a new, clean energy economy. Steger and Hamilton are frequently invited to speak about global warming solutions — they have spoken to tens of thousands of people across the country about the reality of human-caused climate changes, and the many opportunities in every part of the economy to get low-carbon solutions into the marketplace and in our daily lives.

J. Drake Hamilton directs Fresh Energy's global warming solutions program; her responsibilities include scientific analysis, policy development, and outreach on clean energy solutions for mitigating climate change impacts while supporting economic development. Hamilton holds degrees in geography from Dartmouth College and the University of Minnesota. She gives more than 100 invited presentations to business audiences every year. Fresh Energy is based in Saint Paul.

Will Steger, Minnesota's own eyewitness to global warming, is best known for his legendary polar explorations. Steger has traveled tens of thousands of miles by kayak and dogsled over 40 years, and recently formed the Will Steger Foundation to engage and empower individuals and policy makers to translate their concern over global warming into action on this urgent issue.

Event 53 — Keynote Address & Lunch

12:00 noon – 2:00 pm

Is Architecture as Important as Education or Medicine?

1.25 Hours of Continuing Education

Co-sponsored by the Minnesota Architectural Foundation, Beverly E. Hauschild-Baron Leadership Fund

In recent decades architecture has moved increasingly into a business model, commoditizing itself to meet market demands. In the process it has moved away from a professional model. Businesses serve "wants," while professions serve "needs." This has resulted in its subservience to its clients, and often to the compromising of its higher order professional judgment. As a consequence, the ability of architecture to exercise its power to address the global tragedy of a billion or more people without adequate shelter, or the great social issues of crime, illness, school failure, divorce, domestic violence, child abuse, and suicide, or to contribute to the realization of human potentialities in creativity, community, cooperation and affection, simply remains untapped. The market will not pay for it. These are public concerns and must be funded as are the other professions that we cannot do without, such as education and medicine. This funding should be in the hundreds of billions annually, and represents a largely untapped field for architecture and the other design professions. But to make that happen will require leadership that can restore architecture to its professional status and its acceptance into high councils of decision making, leadership that can transform the current professional posture from protectionism to collaboration, leadership that can end the practices that seem benign but in fact undermine respect for the profession, leadership that can convince the public that architecture and design are at least as important to our development as are education and medicine.



Dr. Richard Farson, psychologist, author, educator, is co-founder and president of the Western Behavioral Sciences Institute. He directs the Institute's centerpiece program, the International Leadership Forum, an Internet based think tank composed entirely of highly influential leaders addressing the critical policy issues of our time. Long interested in the field of design, he was the founding dean of the School of Design at the California Institute of the Arts, and a thirty-year member of the Board of Directors of the International Design Conference in Aspen, of which he was president for seven years. In 1999 he was elected as the one Public Director (non-architect) to the national Board of Directors of the American Institute of Architects, and is a Senior Fellow of the Design Futures Council. Farson has authored several books including the critically acclaimed bestseller, *Management of the Absurd: Paradoxes in Leadership*, now published in 12 languages. His next book, *The Power of Design: A force for transforming everything*, scheduled for publication in the fall of 2008, calls for an expanded role for the design professions in addressing our global society's most pressing needs.

A book signing for Richard Farson's *The Power of Design: A Force for Transforming Everything* is scheduled to immediately follow this program.



Friday, December 5

Event 54 — Awards Celebration

6:00 pm – 11:00 pm

An Evening of Celebration

McNamara Alumni Center

Join President Tom DeAngelo, FAIA, in paying tribute to AIA Minnesota's Gold Medal recipient, David Salmela of Salmela Architect.

This year's celebration will be at the McNamara Alumni Center. The evening will be a festive event in honor of our distinguished award winners.



David Salmela, FAIA, was awarded the 2008 AIA Minnesota Gold Medal, AIA Minnesota's highest award bestowed on an individual member. It serves as recognition for a lifetime of distinguished achievement and significant contributions to architecture.

Salmela is founding principal of Salmela Architect in Duluth, MN, established in 1994. He is a self-trained architect and modernist, sensitive to the Minnesota vernacular. His work has won 42 regional and national level awards. There are very few firms the size of his, with just a few people, that have won that number of awards.

Salmela's work has been featured, nationally and internationally, 25 of his projects appear in books and magazines from around the world and a monograph of his work has been published by the University of Minnesota Press, with a second one in process.

The AIA Minnesota Gold Medal Selection Committee commented, "His work is distinctly Minnesotan and he has so many projects that are so good. David does unique work," adding, "There is a mythology to David's practice — he is self-taught and works in a solitary manner. The resulting work is extraordinary and demonstrates his focus and passion for his work."

AIA Minnesota is proud to recognize David Salmela for his outstanding achievements. He will be presented with the Gold Medal at the December 5, 2008, AIA Minnesota Awards Celebration.

"It's a great honor to have your peers recognize what you do," says Salmela, "whether it's an individual project or a body of work, as is the case with the Gold Medal."



Top: Brandenburg's Ravenwood Studio, Ely, MN
Above: Emerson Sauna, Duluth, MN



Top: The Streeter House, Deephaven, MN
Above: Jackson Meadow, Marine on St. Croix, MN

A special thank you to sponsors for this evening:

Andersen Windows
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Registration Form

Register online!
www.aia-mn.org

Pre-Registration ends November 4, 2008.

Receive a \$15 discount when you register online by November 4, 2008.

Online registration features immediate feedback and confirmation on all events. Credit card payment is required for all online registrations.

Register early! All Pre-Registration ends November 4, 2008. Registration will resume on November 11, 2008 at the Convention Center at which time a late fee will be assessed (\$15 members and \$25 non-members).

A. Please provide the following information. Please print or type.

Name _____

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

AIA Member # _____

Firm _____

Address _____

City, State, Zip _____

Phone _____

E-mail: _____

(required to receive confirmation)

Fill in Total Amount Due below. Add subtotals from Sections C, D, and E.

Total Amount Due \$ _____

All Pre-Registration ends November 4, 2008. Registration will resume on November 11, 2008 at the Convention Center at which time a late fee will be assessed (\$15 members and \$25 non-members).

Method of Payment (check one)

Check MC Visa AmEx

Paying by credit card? **Why not register online at www.aia-mn.org and receive a \$15 discount?**

Account Number _____

Exp Date _____

(registration cannot be processed without expiration date listed)

Card Holder Name _____

B. There are four choices for registration — check package & rate (online)

Member*

Non-Member

- 1. Full Convention Registration** \$230 (\$215) \$340 (\$325)
Enjoy four days of seminars during the Convention, including Events 6 & 53, Keynotes with Lunch. All registrants who choose this package will receive two \$5 coupons for lunch in the exhibit hall café (Events 19 & 37). **Please indicate on Page 2 which seminars you plan to attend.** Event 54, Awards Celebration, is priced separately (see Section E below).
- 2. Create-Your-Own Package** \$55/ea \$80/ea
Online registrants signing up for two or more paid seminars will receive a \$15 discount from their total.
Choose any number of seminars. All registrants who choose this package will receive one \$5 coupon for lunch in the exhibit hall café (Events 19 & 37). **Please indicate on Page 2 which seminars you plan to attend.** Events 6 & 53, Keynotes with Lunch, have an additional fee of \$25 each. Event 54, Awards Celebration, is priced separately (see Sections D & E below).
- 3. Emeritus Member Registration** \$115 (No online discount.)
AIA Emeritus members can choose any number of seminars including Events 6 & 53, Keynotes with Lunch. **Please indicate on Page 2 which seminars you plan to attend.** All registrants who choose this package will receive two \$5 coupons for lunch in the exhibit hall café (Events 19 & 37). Event 54, Awards Celebration, is priced separately (see Section E below).
- 4. Student Full Registration** \$25 (No online discount.)
Copy of valid Student I.D. must accompany registration.
Choose any number of seminars. **Please indicate on Page 2 which seminars you plan to attend.** Events 6 & 53, Keynotes with Lunch, have an additional fee of \$25 each. Event 54, Awards Celebration, is priced separately (see Sections D & E below).

* Members of the following organizations may register at the member rate. Please circle your organizational affiliation.

AIA AIAS ACEC AGC AIGA APA ASID AWI CMA CSI
IFMA IIDA IMI ASLA MSPE PAM SAH SDA SLUC
SMPS ULI USGBC

C. Fill in subtotal at right Subtotal \$ _____

D. If you have selected Option 2 or 4 above, please indicate if you plan to attend Events 6 and 53, Keynotes with Lunch for an additional fee.

Event 6 \$25

Event 53 \$25

Subtotal \$ _____

E. Event 54, Awards Celebration \$60/person \$60 x _____ = \$ _____
(Not included in any package — please indicate here if you plan to attend.)

Your name _____

Please indicate one meal choice (see invitation for details):

Chicken Pork Vegetarian

Guest name _____

Please indicate one meal choice (see invitation for details):

Chicken Pork Vegetarian

For more than 2 people, please use the enclosed invitation RSVP card.

Name _____

Register online, by mail or fax.

- Online Registration (a \$15 discount): www.aia-mn.org
- Mail Page 1 & 2 to: AIA Minnesota, 275 Market Street, Suite 54, Minneapolis, MN 55405
- Fax (credit card only) Page 1 & 2 to: 612-338-7981

Questions? Call 612-338-6763.

Do not fax or mail after November 4, 2008.

Indicate which events you plan to attend: (one only per time period)

Closed seminars will be posted on the AIA Minnesota website at www.aia-mn.org. Please note: Access to the Exhibit Hall is FREE to all.

Tuesday, November 11, 2008

Choose only one seminar for each time period.

- 9:00–12:00 noon Event 1 City Building: A New Convergence
XL Kick-off Programs Event 2 Sustainable Building 2030 Project Workshop
 Event 3 Architectural Illustration — States of the Art
 Event 4 WordForum: A Communication Workshop for Design Professionals
 Event 5 ARE 4.0 Review — Programming, Planning & Practice
- 12:15–2:45 pm Event 6 Lunch and Member Congress
 Keynote Address: Marvin Malecha, FAIA
- 3:00–4:30 pm Event 7 Keynote Address, Andrew Whalley, AIA
 MACRO to micro — Performance Based Architecture
- 4:30–7:00 pm Event 8 Exhibit Hall, Opening Night Party (Free)

Wednesday, November 12, 2008

Choose only one seminar for each time period.

- 8:30–10:00 am Event 9 Restoring the Frank Lloyd Wright, Willey House
 Event 10 Urban Trees — Building Green Infrastructure
 Event 11 MN 2030, the New Energy Standard for State Funded Buildings
 Event 12 BIMStorm: The Globalization of Architectural Knowledge Sharing
 Event 13 Inside the Minnesota Board of AELSLAGID (Free)
- 10:15–11:30 am Event 14 Collaboration in the Architectural Arts of Glass, Sculpture and Decorative Painting
 Event 15 Geothermal Energy: A Permanent Resource
 Event 16 Integrative Sustainable Design: LEED Gold, Platinum and Living Buildings
 Event 17 Design Education: Teaching Children Through Collaboration (Free)
 Event 18 Understanding the Entitlement Process in the City of Minneapolis
- 11:15 am–2:30 pm Event 19 Exhibit Hall (Free)
- 2:30–4:00 pm Event 20 Senior Housing is not a “One size fits all”
 Event 21 Structural Steel...the Supply Chain and the Evolving Methods to Keeping Your Project Sustainable, on Time and on Budget!
 Event 22 Energy Modeling: What Can You Know and When Can You Know It?
 Event 23 Architect 2012...Where Do You Want to Be?
 Event 24 Ralph Rapson Traveling Fellowship: Three Perspectives (Free)
- 3:45–6:00 pm Event 25 Exhibit Hall (Free)
- 6:00–7:30 pm Event 26 Keynote Address, Marlon Blackwell, AIA — Articulating the Everyday

Thursday, November 13, 2008

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

- 8:00–10:00 am Event 27 Great Daylighting is No Accident
- 8:30–10:00 am Event 28 Origins of an Architectural Practice: An Alternative Approach
 Event 29 Transmaterial
 Event 30 The Law and Sustainable Design and Construction
 Event 31 FSC Certified Wood: Protecting our Forests While You Build
- 10:15–11:45 am Event 32 Architectural Photography: The Digital State of the Art
 Event 33 Education: A Driver for Change
 Event 34 Measuring and Benchmarking Actual Results in Building Performance
 Event 35 Precast Concrete and Sustainable Design
 Event 36 Designing for a Workforce that Spans Four Generations
- 11:30 am–2:00 pm Event 37 Exhibit Hall (Free)
- 2:00–3:15 pm Event 38 Honor Awards Announced! (Free)
 Event 39 Application of Building Information Modeling to Code Compliance and E-Government
 Event 40 Water: Preserving Our Lakes, Rivers, Streams, and Aquifers
 Event 41 The Nature of Natural Thin Veneer
 Event 42 Architect Registration Examination: Transitioning Made Easy (Free)
- 3:30–5:00 pm Event 43 Keynote Address, Jurors Show and Tell
- 5:00–6:30 pm Event 44 Reception (Free)

Friday, November 14, 2008

Choose only one seminar for each time period.

- 8:30–10:00 am Event 45 Architectural Design and Ethics
 Event 46 Icon Solar House: Innovative Design and the Solar Decathlon
 Event 47 Visioning Rail Transit
 Event 48 Specialization — The Future of the Profession?
- 10:15–11:45 am Event 49 Breaking the 6% Performance Barrier
 Event 50 Curtain Wall Essentials
 Event 51 Four Weddings and A Funeral — Neighborhood Revitalization
 Event 52 Global Warming Solutions
- 12:00 noon–2:00 pm Event 53 Keynote and Lunch, Richard Farson — Is Architecture as Important as Education or Medicine?

Friday, December 5, 2008

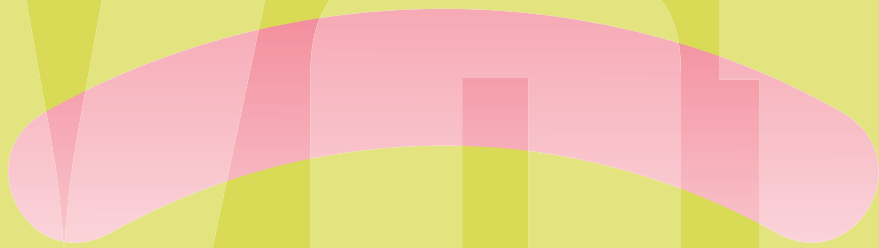
- 6:00–11:00 pm Event 54 Awards Celebration

Cancellation/Refund Policy:

Cancellation requests in writing must be received on or before November 4, 2008. Please mail or fax your request to:

AIA Minnesota, 275 Market Street, Suite 54, Minneapolis, MN 55405
 Fax: 612-338-7981

There is a \$50 cancellation fee. Refunds (minus the cancellation fee) will be processed via your method of payment. No refunds will be offered after November 4, 2008. Questions? Contact Amber at AIA Minnesota, 612-338-6763 or by e-mail at allardyce@aia-mn.org.



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