

72nd Annual Convention & Exposition

November 14, 15, 16, 17, 2006

Minneapolis Convention Center

IN THE



American Institute of Architects
Minnesota

IN THE MIX

The theme, In the Mix, will urge attendees to ask themselves how our communities, and the world at large, will change if architects are increasingly "In the Mix" and how this will impact the profession. This year's Convention will address several AIA

Minnesota initiatives, including:

- Encouraging architects to become more engaged in the external community
- Creating more livable communities through architects taking a leadership role in sustainable design
- Exploring the role of the architect of the future

Please join us for the programs, keynote presentations, and the expo floor. On behalf of AIA Minnesota, I welcome you to the 72nd Annual Convention of AIA Minnesota.



Mark G. Swenson, AIA
President

Online Convention Registration

Quick, easy and secure! Register online for the Convention at AIA Minnesota's website, www.aia-mn.org/convention. 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 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 and Emerging Professionals

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

- ✓ – Programs marked are those recommended by the Emerging Professionals Committee.

Who Should Attend?

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

Please note that member rates for seminars apply to AIA Minnesota members and members of the following organizations: AIA, AIGA, AIASM, AGC, APA, ASID, AWI, ACEC, CMA, CSI, IIDA, IDSA, IFMA, IFRAA, IMI, MASLA, MSPE, PAM, SAH, SDA, SMPS.

When?

- November 14, 15, 16, 17, 2006
- Tuesday, Wednesday, Thursday, Friday
- **Exhibit Hall open on Tuesday early evening, Wednesday and Thursday**
- Seminars all 4 days
- Awards Celebration and the 2006 Gold Medal Presentation, Friday, December 1, 2006

Exhibit Hall Hours

- Tuesday, November 14
4:30 pm – 7:00 pm
- Wednesday, November 15
11:15 am – 2:30 pm and 3:45 pm – 6:00 pm
- Thursday, November 16
10:45 am – 2:00 pm
- **No exhibit hall hours on Friday, November 17**
- 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 15 and from 10:45 am – 2:00 pm November 16.
- Fun, food, entertainment!

Special Exhibits & Fun Things to See and Do!

- View the work of Milo Thompson, FAIA, recipient of the 2006 AIA Minnesota Gold Medal
- Minnesota Architectural Foundation's UnRaffle — Artwork from Minnesota's Signature Artist Architects
- 2005 AIA Minnesota Honor Awards and Divine Detail Awards
- Display from the 2006 Ralph Rapson Travel & Study Fellowship Competition
- Celebrating a quarter-century of the 25-Year Award featuring AIA Minnesota's 2006 25-Year Award
- A special exhibit of AIA Minnesota's Louis Lundgren Award recipients
- U of M College of Design Architecture students exhibit
- Preservation Alliance of Minnesota's "10 Most Endangered Buildings"
- "Dimensions" showcasing the talent of our Emerging Professionals
- Jeopardy! A fun way to study for the ARE
- AIA150 previews, events and opportunities for involvement
- Win "Tix in the Mix" prizes in the Exhibit Hall
- Media Mix — student sidewalk artists at work in the Exhibit Hall
- Return of SOAP — Speedy Overview of Architectural Products
- Beyond Planting Plans: Landscape Architecture's role in community building
- Many free events!
- The Exhibit Hall — an education in itself!
- An Evening of Celebration, Friday, December 1 at The Metropolitan
- Food, Socializing...and MORE!

Hotels for Outstate Guests!

A block of rooms has been reserved at The Millennium Hotel. To receive the discounted room rate, identify yourself with the AIA Minnesota Convention. Reservation deadline: October 23, 2006.

The Millennium Hotel

1313 Nicollet Mall
\$107 single/double
800-522-8856 / 612-332-6000

Convention Registration Cancellation/Refund Policy:

Cancellation requests must be received in writing on or before November 7, 2006. Please mail or fax your request to: AIA Minnesota, 275 Market Street, Suite 54, Minneapolis, MN 55405; Fax: 612-338-7981. There is a \$35 cancellation fee. Refunds (minus the cancellation fee) will be processed via your method of payment. No refunds will be offered after November 7, 2006. Questions? Contact Amber at AIA Minnesota, 612-338-6763 or by e-mail, allardyce@aia-mn.org. Thank you!

Tuesday, November 14

Event 1

9:00 am – 12:00 noon

ARE Review – PreDesign ✓



1.5 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota IDP Committee

This program is intended for interns and exam candidates in the Intern Development Program who are preparing to take the Architectural

Registration Examination. The review will cover those issues related to the Pre-Design division of the ARE. Topics that will be covered include the computerized exam format, tips for preparation, time management, and sample problems with their solutions. Environmental Analysis and Building Programming and Architectural Practice will be discussed in detail and a suggested reading list will be included in handouts along with resources on the Internet.

Gary Demele, AIA, is a Project Manager at WCL Associates Inc. in Minneapolis. He has been an NCARB grader since 1990. Demele is presently a co-chair of the AIA Minnesota IDP Committee and State IDP Coordinator. Demele presented this PreDesign review seminar at the 2006 AIA National Convention in Los Angeles.

Event 2 — Free

9:00 am – 10:30 am

Residential Solar Systems: Installation and Design Considerations



1.25 HSW Hours of Continuing Education

Funded by an Environmental Assistance Grant from the Minnesota Pollution Control Agency

This workshop will provide participants with an overview of residential solar electric and solar space and water heating system options. The focus will be on building design considerations including: building site requirements, location and orientation of system components, square footage requirements for basic systems, and system mounting options. Presenters will provide basic “rules of thumb” for successful projects, and answers to the most commonly asked customer questions. Special consideration will be given to financial incentives available for system installations.

Christopher LaForge is the owner of Great Northern Solar, a renewably run business that sells and installs solar and wind electric systems. He has been installing solar electric systems since 1988, and is certified by the North American Board of Certified Energy Practitioners (NABCEP) as a professional solar installer. LaForge is also a certified renewable energy instructor through the Institute of Sustainable Power, and teaches workshops and seminars for a variety of organizations, including the Midwest Renewable Energy Association.

Bob Ramlow is the solar thermal consultant for the Wisconsin Focus on Energy Program. The owner of a renewable energy company, he has over 30 years experience designing, selling, and installing solar water and space heating systems. Ramlow is the author of the recently published book *Solar Water Heating: A comprehensive guide to solar water and space heating systems*. He teaches solar thermal workshops for a variety of organizations nationwide, including the Midwest Renewable Energy Association where he also serves on their Board of Directors.

Event 3

9:00 am – 10:30 am

Young Architects in the Profession ✓

1.25 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Awards Committee

Why do AIA Minnesota Award-Winning Young Architects serve as role models for practicing architects of any age? This year's winner, like past winners, has a philosophy and a passion about the built environment that has made his career unique. The 2006 Young Architect will share how he is guided in practice and how architecture has impacted him personally. In addition, three past Young Architects will share their continuing professional success stories — each taking a very different path rooted in the philosophies that made them AIA Minnesota Young Architects.

Paul Whitenack, AIA, joined RSP Architects in 2000 after running his own firm in Milwaukee for four years. His passion for historic preservation and adaptive reuse has resulted in an extensive portfolio of renovations and additions to some of Minnesota's best-known cultural and architectural landmarks including the Grain Belt Brewhouse, winner of the 2005 National Historic Preservation Trust Award; Northrop Auditorium; the Pierre Bottineau Library; and additions to the Minneapolis Institute of Arts and the Children's Theatre Company. Whitenack received an AIA Minnesota Young Architects Award in 2006 for which the jury commended his dedication to preservation, sustainable architecture and urban planning.

Tim Alt, AIA, is the Principal of ALTUS Architecture + Design, which he founded in 1995, the year he won the AIA Minnesota Young Architect's Citation. His firm's work is focused on custom residential and select commercial projects that integrate site, light, scale and materiality with state of the art construction technology. ALTUS' work has been published in *The New York Times*, *The Financial Times of London*, *Architectural Record*, *Architecture*, *Dwell*, *Trends*, and numerous other publications. Dalseth Dental Clinic won an AIA Minnesota Honor Award in 2004. Mayo Woodlands in Rochester, a design collaboration with Coen + Partners, ALTUS and Salmela Architect, won a Progressive Architecture Award in 2002.

Ken Potts, AIA, joined McGough Companies in 2005 where he works with both the Development and Construction divisions. Potts received an AIA Minnesota Young Architects Citation in 1994. In addition to being the lead designer on several projects in the Twin Cities, Potts is a founding Board member of the USGBC's Chicago Chapter; he has sat on the Board of Directors for Artspace Projects; he has written about design in numerous publications and lectured around the country. Potts led Target Corporation's drive to its first LEED-Certified store (Chicago). At McGough, Potts collaborates with A&E design teams for clients such as Great River Energy, AVEDA and the Ordway Center for Performing Arts.

Joan M. Soranno, AIA, is Vice President and Design Principal at HGA, Inc. She has specialized in the design of museums and other cultural institutions for the past twenty years. She recently won a national 2006 AIA Honor Award for Bigelow Chapel. In 1992 she won an AIA Minnesota Young Architects Award and in 1993 won the national AIA Young Architects Award for design excellence. Soranno's recent work includes the new University of Alaska Museum of the North, which was featured in the *New York Times* and the B'nai Israel Synagogue in Rochester, Minnesota.

Event 4

9:00 am – 10:30 am

Twin Cities Transportation Future

1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minneapolis Urban Design Committee

This program will provide an overview on current and future transportation issues affecting the Twin Cities region. Recent transportation legislation and transit initiatives will be discussed including the results of the Motor Vehicle Sales Tax Constitutional Amendment on the ballot in November. If adopted, the amendment will trigger a gradual transfer of the sales tax collected from all motor vehicle sales from the general fund to transportation purposes. The Metropolitan Council's 2030 Transportation Policy Plan will be presented as well as the funding challenges for meeting those goals. Attend this program to learn how the Twin Cities stacks up nationally and review the linkages between transportation, land use, development and livable communities.

Arlene McCarthy recently assumed the position of transportation planning director for the Metropolitan Council. McCarthy has been an employee of the Council since 1988, serving as a senior engineer and manager in the Environmental Services division for a decade before migrating to Metro Transit. She has overseen the planning, bidding and construction of numerous major capital improvements. Since 2000, McCarthy has served as Metro Transit's manager of service development, directing a unit of 28 transit professionals who plan and schedule both bus and rail service. She played a leading role in developing the transit components of the 2030 Transportation Policy Plan adopted by the Council last year.

Barb Thoman co-founded Transit for Livable Communities (TLC) in 1996 and is currently Program Director. TLC's mission is to work toward a greater reliance on transit use, biking, and walking through research, education, and advocacy. Thoman was the primary author of TLC's report “The Myth of Free Parking”, and she writes many of TLC's briefs and policy papers. She is also the chief author on TLC's “Citizens' Agenda for Transportation” that was released in the summer of 2004.

Elwyn G. Tinklenberg has been directly and actively involved in every level of transportation and transit programming and funding in Minnesota, from municipal projects to federal demonstration grants. Currently Tinklenberg is President of The Tinklenberg Group, a Minneapolis consulting practice that specializes in transportation and issues affecting government and business. From 1999 to 2002 he was Minnesota Commissioner of Transportation. Under his direction the first light rail line was constructed, Mn/DOT developed a regional commuter rail plan, and secured a short term doubling of the construction budget.

Event 5

9:00 am – 10:30 am

Enrich the Lives of your Corporate, Residential and Healthcare Clients using Feng Shui Principles

1.25 HSW Hours of Continuing Education

As architects and designers we are trained to worship the gods of novelty and originality — while Feng Shui focuses simply on improving people's lives by providing Energy and Balance to the spaces where

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we live and work. It comes to us as a Chinese discipline but its principles can be appropriate in any architectural style or setting and are utilized by companies as diverse as Kaiser Permanente Hospitals and the Donald Trump organization. Feng Shui concepts are based upon human instinct and the way we subconsciously perceive the built environment. This seminar will include case studies and practical Feng Shui applications architects can use to design a variety of project types.

Barbara Lyons Stewart, AIA, received an MArch Degree from the University of Minnesota and worked with Ellerbe, RSP and SOM Chicago before relocating to San Francisco. Her firm, Lyons Stewart Architects, provides interior architecture services to corporate clients including ABC/7 and Wild Planet Toys. Lyons is also a consultant with Panergetics, providing Feng Shui consulting services to corporate clients and is co-author of *Feng Shui: A Practical Guide for Architects and Designers* published in 2006. She and co-author Vincent Smith presented a Feng Shui seminar at the AIA Convention in LA and are featured on an AIA website podcast.

A book signing for *Feng Shui: A Practical Guide for Architects and Designers* is scheduled to immediately follow this program.

Event 6

10:45 am – 12:00 noon

Acoustics: New Shapes, New Sounds



1.0 HSW Hours of Continuing Education

The interiors of the latest generation of concert halls are anything but your grandfather's shoebox. The latest 3-d design tools give architects the capability of realizing great sculptural statements that make the old terms of "eyebrow," "baffle" and "wing wall" sound like alchemical ingredients. How do designers eager to capitalize on their newest levels of design freedom meet the stringent and highly technological demands of performing artists? The interaction of architects and acousticians has rocketed to new levels of sophistication far beyond the simplistic ideas of the reverberation time formulas we all learned in design school. Hear and see the new vocabulary used by leading designers like Frank Gehry and Moshe Safdie in developing their current performing arts projects from their collaborating acousticians in this vivid account of two arts projects now on the boards.

Robert F. Mahoney has been an acoustical consultant since 1977. At that time he took a position with Christopher Jaffe's Denver office and worked on several major arts facilities in Denver, Paris, New York and San Francisco. He started his own practice in 1992. Mahoney practices with the belief that a building's architecture should embody the acoustical elements essential to the technical and aesthetic success of each project. Mahoney has written several papers on architectural acoustics and has addressed the American Institute of Architects, the American Guild of Organists, the US Institute of Theater Technology, the Acoustical Society of America, among others. Prior to his work as an acoustical consultant, Mahoney practiced architecture, licensed first in Colorado and later in California.

Event 7

10:45 am – 12:00 noon

Bassett Creek Valley: Grassroots Urban Design



1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minneapolis Urban Design Committee

Bassett Creek Valley is infamous for the Minneapolis impound lot but with a foundation of grassroots community dedication and a recent urban design effort, transformation of this 230-acre contaminated industrial area is soon to begin. The rebirth of Bassett Creek Valley will break new ground in livable communities. Strategies for urban densities, affordable housing, living-wage jobs, transit alternatives, sustainable design and new public spaces are central to the plan. Hear from those involved about the innovative partnership between the neighborhood organizations and Ryan Companies; about the planning process conducted in five languages; and about the ambitious details of this ground-breaking plan. Find out why this neighborhood will soon be more than a place for retrieving your impounded car.

Bruce Chamberlain, ASLA, Vice President, Hoisington Koegler Group, has over seventeen years of experience in urban design, public facilitation, master planning and site design. Chamberlain's skills in bringing communities, city officials and stakeholders together through public involvement and consensus-buildings processes complement his design creativity. Chamberlain is currently the President of the Minnesota Chapter of the American Society of Landscape Architects. He also serves on the Steering Committee of the Mayor's Great City Design Team in Minneapolis and sits on the Above the Falls Citizens Advisory Committee for the Mississippi River corridor.

Rick Collins is Vice President of Development for Ryan Companies. He is responsible for all aspects of development including site selection and

acquisitions, municipal use permits and approvals, design and construction coordination, financial packages and lease or sale negotiations. Collins understands the intricacies of development, especially as it relates to complex financial structures, lease underwriting and historic redevelopment. Recent award-winning projects include the Midtown Exchange, a 1,000,000 square-foot, mixed-use, urban, historic redevelopment; and the Grain Belt Brewhouse Redevelopment, a 70,000 square-foot, historic office conversion.

Vida Y. Ditter has served as the Neighborhood Coordinator for the Bryn Mawr Neighborhood Association since 1998 and has lived in that community since the mid-1970's. As a member of Bryn Mawr's Land Committee, she supervised the production of the Bryn Mawr Neighborhood's Master Land Use Plan which was approved by the Minneapolis City Council in December, 2005. She has also been a member, representing Council Member Lisa Goodman of the 7th Ward, of the Bassett Creek Valley (BCV) Redevelopment Oversight Committee (ROC) since 1998.

Chuck Sullivan, AIA, of The Sullivan Group Architects, Inc., will moderate this discussion. Sullivan is an activist on social and urban issues. Some of his current volunteer activities include over 25 years as a founding member of Catholic Eldercare, a non-profit senior housing and nursing home organization; the AIA Minneapolis Urban Design Committee; City of Minneapolis Above the Falls Citizen Advisory Committee, Glenwood Avenue Redevelopment Committee, and Bassett Creek Valley Redevelopment Oversight Committee.

Event 8

10:45 am – 12:00 noon

Who are the Rainmakers?

1.0 Hours of Continuing Education

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

Today's marketplace demands that everyone within a firm participate in some manner and at some level to the success of the marketing and business development of the firm. And yet, the aspects of marketing and business development do not come naturally for most. This program will demonstrate how each employee represents the firm — while on the job *and* in his or her life within the community — and will show where there are multiple opportunities for business development without the uncomfortable notion of "hard-sell." If you are an experienced firm principal or if the role is a new position for you, large firm or small, this seminar is for you. Attend this seminar and understand how to align the firm's employee hiring, development, performance and reward policies, so that the rain falls steadily and naturally.

Nick Ruehl, AIA, is owner and President of Ruehl + Associates, a firm that consults to architects, engineers, construction and development firms that serve both private and public sector markets. Prior to Ruehl + Associates, he was a Managing Principal and Board Member of TSP, Inc. Over Ruehl's 35+ years of experience, he has been involved in the development and management of two firms, and has experience in visioning, strategic planning, mergers, finance, marketing/business development and human resources. Ruehl is also Mayor of the City of Excelsior and has served on numerous community boards, and is a past president of Excelsior Rotary Club.

Event 9

10:45 am – 12:00 noon

Transformation to a Better Energy Future: Real Security, Economic Prosperity and a Healthy Environment

1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Committee On The Environment

This presentation will provide an overview of a better and smarter energy future that architects are helping to build — a future grounded in the efficient use of clean and renewable energies. What is driving the transformation that's now taking place? Hear about the big forces that are rapidly changing our energy world. First, our growing addiction to oil resources from troubled and unstable parts of the world, a problem that portends to grow worse as natural gas production also shifts to some of the same dangerous places. Secondly, the exploding new economies of India and China put huge pressure on global energy supplies and prices. Thirdly, the realities of global warming are awakening businesses and governments around the world of the need to sharply reduce global warming pollutants from the burning of fossil fuels. Attend this program for a look at the promise of smart technology solutions in energy efficiency and renewable energy sources that can play major roles in the transformation to a new and better energy economy.

Michael Noble serves as the Executive Director and CEO of Fresh Energy, formerly Minnesotans for an Energy-Efficient Economy (ME3). He has nearly thirty years of professional expertise in energy, with a focus on solving the national security, economic, and environmental problems associated with America's

energy system. In Minnesota, and increasingly in other states in the Midwest region, Noble has been a key strategist for major public policy innovations in energy such as energy efficiency, renewable energy development, global warming solutions, and strategies to reduce reliance on foreign oil.

Event 10 — Member Congress — Free

12:15 pm – 2:45 pm

Member Congress with Lunch

Keynote Address

The Relevance of Sustainability in the 21st Century

RK Stewart, FAIA will focus his keynote presentation on his passion for the environment, and the importance to architects and their communities of designing sustainably. As the leader of over 70,000 members in 2007, he will have numerous occasions to promote sustainable issues. He will describe the opportunities ahead for AIA and will present some of the exciting events related to the AIA150 Celebration.



RK Stewart, FAIA, is the 2006 First Vice President/President-elect of the American Institute of Architects. Stewart will become AIA National President in December of 2006. He is a principal at Gensler in San Francisco where he has managed award-winning architecture and historic renovation projects. In addition to his responsibilities as a principal and project director, he serves on the firm's technical steering committee.



AIA Minnesota **President Mark Swenson, AIA** will present an overview of AIA Minnesota activities and priorities. He will give members an update on our special initiatives. President-Elect Tom Meyer, FAIA will preview his goals for 2007 and discuss ways in which members can provide more input into the direction of AIA Minnesota. Ann Voda, AIA, Champion for the AIA150 programs will preview the Legacy projects being planned by AIA Minnesota and our three chapters. The election of officers for 2007 will be conducted along with the presentation of Presidential Citations to AIA Minnesota members who have given exceptional service to AIA Minnesota.

Event 11

3:00 pm – 4:30 pm

Specialization, Integration and Sustainability: Are the Professions Up to the Challenge?



1.25 HSW Hours of Continuing Education

Just as a single image can be worth 10,000 words, so can one word create 10,000 images and meanings. Sustainability is such a word, created by the World Commission on Social Development to encourage a more thoughtful consideration of change at the nexus of social, environmental and economic development. "Green" has dominated much of the dialogue since the 1992 Earth Summit, thus blinding economic and social interests from seeing the benefits of a sustainable approach. When sustainability is treated as an end in itself it will always be self-limiting as an idea. It must instead be incorporated as a means by which one pursues a higher purpose — the optimization of conditions for human development over time. This quest for optimization is a function of choices we make based upon values, vision, return-on-investment and return on society's equity. Sustainability is the analytical framework that produces information that best informs decision-making. This presentation will focus on the barriers that specialization within and between design professions creates for sustainability and expanding human potential and suggest new pathways toward more integrative design.

Gary Lawrence is Arup's Urban Strategy Leader, whose responsibility is helping the firm become even more effective in supporting its clients' initiatives to create more sustainable, cost-effective urban development. Arup is a firm of engineers, designers, planners, economist and scientists dedicated over its nearly 60 years to shaping a better world. Some of Lawrence's current work includes: strategy, sustainable development and master planning advice to Shanghai Industrial Investment Corporation, Ltd. for Dongtan Eco City — a new town for 500,000 residents near Shanghai; urban development strategy advice to the government of Chile; consultation to the United Kingdom's Office of Deputy Prime Minister on the integration of urban and economic strategies for the UK; development of urban development strategies to reduce the carbon and heat signatures of urban area.

Event 12

3:00 pm – 4:30 pm

Sacred Space

1.25 Hours of Continuing Education

What are the immutable qualities of sacred space? How do we create places that demonstrate our faith with ties to tradition, but also suggest changes to

tradition? This presentation will consider the timeless sense of what makes places sacred, and how we respond to religious architecture. Against these traditions, this presentation will look at design trends now taking place in religious architecture that are transforming the traditional ideas of the sacred, and demonstrate shifts in the culture of faith as reflected in new design ideas.

Michael J. Crosbie, Ph.D., R.A. is Editor-in-Chief of *Faith & Form* magazine, the quarterly interfaith journal on religion, art, and architecture. Under Dr. Crosbie's leadership, the journal has been redesigned and its focus broadened to present a mix of articles that consider religious art and architecture from theoretical, practical, and newsworthy perspectives. Dr. Crosbie is also the author of two best-selling books on religious architecture, both published by Images Publishing Group, *Architecture for the Gods* (1999) and *Architecture for the Gods, Book II* (2003). A new book, *Houses of God: Religious Architecture for a New Millennium*, was released in June 2006. Dr. Crosbie is a registered architect in the State of Connecticut, practices with Steven Winter Associates, and is an adjunct professor of architecture at the University of Hartford.

A book signing for *Houses of God: Religious Architecture for a New Millennium* is scheduled to immediately follow this program.

Event 13

3:00 pm – 4:30 pm

Ethical Leadership



1.25 HSW Hours of Continuing Education

"Ethical leadership" is a concept gaining attention among business leaders as they face the daily challenges of balancing economics and management with company and personal values. But what is ethical leadership and how does it impact your business and its particular challenges? Is there a difference between "being" ethical and "doing" ethics? Does acting "principled" or following corporate governance policy or other standards, codes or legislation ever conflict with this notion of "doing right"? How do these questions and the issues that underlie them manifest themselves in business situations, particularly in architecture? The Hendrickson Institute for Ethical Leadership is an organization that has been at the forefront of this subject and will facilitate this program for current and future firm leaders.

Tim Burchill has worked in the field of philanthropy since 1979. For fifteen years, he served as vice president and chief development officer for his alma mater, Saint Mary's University of Minnesota. In 1989, he co-founded The Metanoia Group, a non-profit consulting organization that exists within the structure of Saint Mary's University of Minnesota. In June 1996, Burchill was named the first executive director of The Hendrickson Institute for Ethical Leadership at Saint Mary's University of Minnesota. Burchill is also the founder, primary curricular designer, and senior faculty member for the Saint Mary's University Master of Arts in Philanthropy & Development program.

Event 14

3:00 pm – 4:30 pm

Top 10 Things to Do – Building Enclosures



1.25 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Building Enclosures Council

This program will be a discussion of the Top 10 design considerations for 8 critical areas of a building enclosure. A quick-check reference handout will also be provided. Attend this program and learn where your attention should be directed when dealing with the following areas of building enclosure: Foundation wall and green roof waterproofings; Stone/brick masonry, flashings, ties & mortar; Vapor barriers; Insulations and air barriers; Aluminum curtainwall and windows; Sealants; Metal panels; Roofing and roof flashings.

Judd A. Peterson, AIA, has headed Judd Allen Group since 1998 as architect of record completing numerous team-oriented projects of wide ranging scale. Many of the projects involve forensic investigations and corrections of existing conditions. In 2005, Peterson worked with AIA Minnesota to establish the Building Enclosure Council of Minnesota, an affiliation of the National AIA, AIA Minnesota, the National Institute of Building Science, and the Building Enclosure Technology and Environment Council.

Event 15

3:00 pm – 4:30 pm

Interdisciplinary Relationships — Innovation Between Architects and Manufacturers

1.25 Hours of Continuing Education

This lecture will focus on a model that establishes an architectural studio within a manufacturing facility. The intertwining of design and manufacturing elicits a working structure of mutual participation, coordination and action and is a catalyst for innovation, removing many of the limitations inherent in either architecture or manufacturing alone. This change in traditional methodologies

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is a powerful shift for architects, pushing ideas and objectives into possibility. This lecture will showcase projects like the Alice Tully Hall at the Lincoln Center (with Diller Scofidio + Renfro), where a translucent wood surface is developed as the complex wall surface; the Fidelity Finance Board Room (with Perkins + Will), where compound geometries are used to shape the ovoid walls; and the Sunset Blvd Façade (with Patterns), where resin is used to build the twisting façade curtain wall of a 3 story building.

Ruben Suarez is Vice President of 3form's Architectural Division. Graduating with a B.A. in Architecture from the University of California at Berkeley in 1993, Suarez held leadership roles in the design, construction and fabrication of award-winning architectural projects. He worked with companies such as CTEK, a multidisciplinary, multi-industry engineering and fabrication firm specializing in automotive, aerospace, and architectural applications, and Studio Suarez, a private architectural firm. He went on to achieve an Executive M.B.A. from the Paul Merage School of Business at the University of California at Irvine in 2005, with a desire to change the way manufacturers and architects communicate and do business, and dispel the perceived limitations of both industries. Joining 3form in 2005, Suarez is building a visionary portfolio of innovative projects and products that utilize digital fabrication technologies and that challenge traditional building methodologies.

Event 16 — Exhibit Hall — Free

4:30 pm – 7:00 pm

Opening Night Party

Join AIA Minnesota President Mark Swenson, AIA and Convention Committee Chair Katherine Leonidas, AIA in celebrating the grand opening of the Convention with a kick-off party in the Exhibit Hall. Enjoy this festive evening with hors d'oeuvres, drinks and live entertainment!

Stop by the AIA150 booth to learn about our legacy projects and special events being planned for AIA National's 150th celebration in 2007. Discover ways to become an active participant in this national celebration.

Play "Tix in the Mix," to win exciting prizes. Drawings will take place at the end of each Exhibit Hall session. You must be present to win.

Support your Minnesota Architectural Foundation through the 2006 UN-RAFFLE Event. Stop by the MAF booth in the center of the Exhibit Hall to view artwork by Minnesota's "Signature Artist Architects!" At various contribution levels, you can receive the highly sought after MAF mug or a variety of original and reproduction artwork by Bill Pederson, FAIA; John Rauma, FAIA; David Salmela, FAIA; Ralph Rapson Traveling Fellowship winners and others. Your contributions fund MAF scholarship programs and activities.

Visit the Exhibitors. Use the Exhibit Hall Directory as a guide to find the people you need to see in order to get the information you need to have. Join your colleagues for a fun evening in the Exhibit Hall!

Event 17 — Keynote Address

7:00 pm – 8:30 pm

From Sidewalk to Skyline — Reinventing the 21st Century American City ✓
1.25 Hours of Continuing Education



Will Bruder is known for inventive cultural buildings, multi-use multifamily housing and concern for the quality of life in the contemporary urban fabric. His firm has won more than eighty design awards and been published extensively around the globe. Bruder is the winner of the Rome Prize and Chrysler Design Award and Spring 2006 Visiting Bishop Chair at the Yale University School of Architecture.

Through his creative interpretation of program and site, Bruder's ability to raise the ordinary to the extraordinary is renowned. He is a craftsman in his concern for detail and building processes, and a sculptor in his unique blending of space, materials, and light. Bruder believes architecture is the celebration of listening in service of the human spirit and senses.

Self-trained as an architect, Bruder has a Bachelor of Fine Arts degree in sculpture from the University of Wisconsin-Milwaukee. Licensed as an architect in 1974, his 20-person studio has created "place" making architecture across America.

Attend this keynote address to hear what this renowned architect has to say about reinventing the 21st century American city.

Wednesday, November 15

Event 18

8:30 am – 10:00 am

Elevator Code in Practice: Minneapolis Central Library



1.25 HSW Hours of Continuing Education

This program will focus on the design opportunities and technical challenges of unique elevator installations. The elevators at the new Minneapolis Central Library are a vital part of the building's centerpiece five-story atrium. Learn about the design process that made Cesar Pelli's vision a reality. The Central Library project will be presented as a case study to better understand the obstacles, process and solutions to designing unique elevator installations. Elevator industry experts will weigh in on specific elevator code issues and address the review process with code officials and elevator inspectors. The panel presentation and discussion will also cover some of the changes in the new Minnesota elevator code and the latest on machine room-less elevators and other advances in vertical transportation products.

William P. Gooding is Area Manager for VDA, Van Deusen & Associates. Prior to joining VDA in September 2000, Gooding spent five years as Regional General Manager for a seven-state area in North Central US, where he had management responsibility for all sales, installation, maintenance and administrative functions for a staff of over 300 personnel. He began his career in the elevator industry as a helper and gained 18 years of field experience in installation and service as mechanic, foreman, adjuster, supervisor and superintendent.

Tom Hysell, AIA, is the President of AIA Minneapolis, representing 1,400 architects, and a Principal at Architectural Alliance. At Architectural Alliance, he has led many significant projects throughout the Twin Cities including the United States Courthouse with Kohn Pedersen Fox and the Minneapolis Central Library with Cesar Pelli. Currently, he is Managing Principal for the TCF Bank Stadium at the University of Minnesota which Architectural Alliance is designing with HOK Sport.

John Roche is Supervisor for the Minnesota Building Codes and Standards Division, Elevator Section. Previously he was an Elevator Inspector for 6 plus years. For 12 years he was a member of the International Union of Elevator Constructors Union including 4 years of elevator construction and 8 years as an elevator service and repair mechanic. Roche has served various leadership positions for the National Association of Elevator Safety Authorities. Additionally, he has served on the Regulatory Advisory Council for the ASME A-17 Committee.

Richard Wysocki is the District Service Manager for Schindler Elevator Corporation and has been in the elevator industry for over thirty years. At Schindler, where he has been since 1989, he manages service operations in Minnesota and parts of Wisconsin, North Dakota and South Dakota. Wysocki was the Area Labor Manager for the National Elevator Industry, Inc. (NEII) from 1989–2000. NEII is a national trade association for elevators and other transportation products. He is currently a member of the Elevator Rules Advisory Committee for the Minnesota State Building Codes and Standards Division.

Event 19

8:30 am – 10:00 am

Improving Our Practice Through Design-Based Research



1.25 HSW Hours of Continuing Education

Movements in the world of healthcare, such as reports on the importance of the designed environment on nursing care, quality and patient safety, has set off a wave of design-based research discussions, and resulted in what is now termed evidence-based design. This presentation will describe how one firm has attempted to integrate evidence-based design into the daily operations of its healthcare practice. The program will describe how to use research as a tool to understanding the client's needs. Strategies for starting an in-house research initiative will be covered and creative strategies for overcoming some of the largest challenges and obstacles will be identified.

Jon M. Buggy, AIA, Managing Principal, is the director of Ellerbe Becket's Minneapolis office and national director of the firm's healthcare practice. In nearly two decades with the firm, Buggy has worked in all facets of the business and is today one of the country's foremost authorities on healthcare design. His recent project experience includes Park Nicollet Heart and Vascular Center; Abbott Northwestern Hospital's Neuroscience/ Orthopaedic/ Spine Patient Care Center; and Target Plaza South.

Terri Zborowsky, M.Sc., is Director of Healthcare Education and Research for Ellerbe Becket, Inc. She is a registered nurse and spent time working in an orthopedic/acute spinal cord injury unit at a large teaching hospital in Canada. Zborowsky practices as a healthcare planner at Ellerbe Becket. In addition, she is responsible for leading Ellerbe Becket's in-house healthcare education and research efforts focusing on learning from legitimate research in evidence-based design and integrating that knowledge into the design process.

Event 20 — Free

8:30 am – 10:00 am

Renewable Energy Systems for Commercial Buildings



1.25 HSW Hours of Continuing Education

Funded by an Environmental Assistance Grant from the Minnesota Pollution Control Agency

As energy prices increase and the effects of climate change become more apparent, prospective owners are becoming interested in energy self-sufficient buildings. Explore how to specify buildings that are able to meet much of their own energy needs by using solar electric systems, and solar thermal systems integrated with heat pumps, thermal storage and earth tubes. The workshop will focus on technologies that are commercialized and readily available in the Midwest.

David Bradley is a principal at Thermal Energy System Specialists, LLC, an energy simulation and modeling firm located in Madison, Wisconsin. He has 10 years of experience using, teaching, and developing various simulation software packages. His recent work has focused on the use of thermal and natural ventilation simulation to inform the design of USGBC LEED rated buildings.

Niels Wolter is an associate at MSB Energy Associates Inc, and the solar electric and financial program lead for Wisconsin's Focus on Energy program. He has a professional and personal passion for zero energy buildings that offer an excellent quality of life. He is slowly converting his 50 year old masonry home into a solar self sufficient home, using solar electric and solar thermal systems and a low temperature air sourced heat pump. Wolter is a board member of the Midwest Renewable Energy Association, served on the Mayor of Madison, WI's Energy Task Force and was the director of the Wisconsin Solar Use Network (WisconSUN).

Event 21

8:30 am – 10:00 am

The Emerging Architects Dilemma ✓

1.25 Hours of Continuing Education

Registration rates have been declining over the past decade as more graduates choose alternative careers and as the Intern Development Program (IDP) requirements have become harder to complete in three years. What impact is this having on the profession? What efforts are being made to encourage students and interns to become licensed architects? NCARB has proposed a model law (which AIA national has chosen to support) which would allow interns to begin taking the ARE when they have completed 250 IDP Training Units (which is about a year's worth of work) rather than the current requirement of fully completing IDP before taking the exam. What more can be done? How can firms help? Attend this program to hear about what's happening both locally and nationally to remedy this professional dilemma.

Renée Cheng, AIA, is Head of the School of Architecture at the University of Minnesota, College of Design. She has been recognized for teaching excellence with numerous teaching awards. Her research involves documenting case studies of buildings that integrate design with emerging technologies. She has been tracking several large-scale projects by Frank Gehry and Associates as well as smaller scale CAD-CAM and BIM work done by firms such as SHoP Architects, Lazor Office, and KieranTimberlake. She recently edited a new chapter for *Architectural Graphic Standards* on Computing Technologies to be published later in 2006.

Gary E. Demele, AIA, is currently serving his 7th year as the Minnesota State IDP Coordinator. He has served as a grader and master grader for NCARB of the graphic divisions of the ARE exam for 10 years and in the 1990's he participated in the early development of the electronic licensing exam. He is presently serving on the IDP Coordinating Committee (IDPCC) and was recently appointed to a 4 year term on NAAB's accreditation team. He has taught extensively including numerous ARE Review courses. Demele is a project manager and architect at WCL Associates in Minneapolis specializing in religious, educational, retail and office building architecture.

Doreen Johnson Frost is Executive Director of the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design. In addition to her board-level responsibilities, Frost has earned a reputation as one of NCARB's hardest working and most generous volunteer committee members and received a 2006 President's Medal for Distinguished Service from NCARB. She has been named to the Member Board Executives (MBE) Committee by three different Council presidents and most recently served as MBE Committee chair.

Jay H. Isenberg, AIA, is a practicing architect in the Twin Cities and an Adjunct Assistant Professor for the School of Architecture at the University of Minnesota, College of Design. He teaches courses in professional and integrated practice and serves as the IDP Education Coordinator. Isenberg is also an arbitrator and mediator of design and construction disputes.

Scott Hangebrauck, Assoc. AIA, is the current chair of the AIA Minnesota Emerging Professionals Committee. A 2001 graduate of North Dakota State University he is pursuing licensure. He has worked with various design firms

and is currently employed by Best Buy in their Store Design department.

Mark Swenson, AIA, will moderate this discussion. He has been President of Elness Swenson Graham Architects, Inc. (ESG) since 1990 building the practice into a 90-person firm and leading it to national prominence. The firm is known for its multi-family residential, hospitality and mixed-use projects. Swenson has been responsible for the masterplanning and design of more than 80 major hospitality projects across the country. He is currently President of AIA Minnesota and has served on the AIA Minnesota Board of Directors since 2001.

Event 22

10:15 am – 11:30 am

Rural Design and UMore Park



1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minneapolis Urban Design Committee

What is rural design and what are the issues facing rural Minnesota?

What are the design strategies that can help rural citizens shape

their future? Why is attention to rural design so important? The University of Minnesota's Center for Rural Design was created to focus on these issues and to serve as an academic program complimentary to urban design. The mission is to work with people to preserve, improve, and protect rural landscapes, cultures and communities through innovative design strategies. This program will look at examples of rural design projects impacting the economic, social and cultural advantages of rural communities. It will also look at UMore Park, a 12-square-mile parcel of mostly agricultural land and open space about 25 miles south of the Twin Cities owned by the University of Minnesota. Attend this program and learn how the future of UMore Park might, in the future, serve as a living laboratory of human settlement integrating energy self-sufficiency and environmental sustainability with life-long learning and wellness.

Dewey Thorbeck, FAIA, FAAR, is Director for the Center for Rural Design and President of Thorbeck Architects, Ltd. Thorbeck founded the Center for Rural Design which is partially funded by the State Legislature and sponsored by the U of M College of Design and the College of Food, Agriculture, and Natural Resource Sciences. Through his award-winning architectural firm he is involved in both regional and national projects and been published internationally. Currently he is the design architect for the new Bell Museum of Natural History on the St. Paul Campus and for a new Animal Education Center for the Milton Hershey School in Hershey, PA.

Event 23

10:15 am – 11:30 am

Art and Healing: Integrating Art in Architecture for Medical Design



1.0 HSW Hours of Continuing Education

Healthcare design requires the designer to go beyond meeting this

building type's highly technical and functional program require-

ments. Healthcare spaces additionally need to inspire hope, rein-

force family centered care, reduce stress and anxiety, and facilitate healing and recovery. The tools used to do this typically include careful organization of space, appropriate selections of materials/finishes, orientation to natural light, and the inclusion of nature. However, a dynamic design tool that is too often overlooked is the inclusion of art for healing. Art is usually seen as decoration and is one of the last items to be selected. It is typically under-budgeted, bypassed in the architectural design, and commonly relegated to a separate selection committee. Attend this program and learn how to incorporate the selection of art into the design process and see how appropriately selected and integrated art can underscore the quality and design intent of a project and reinforce powerful messages and ideas for healing.

Lisa Brown has been an art consultant for 26 years. For the past 20 years, she has increasingly focused her attention on the ways in which artwork can enhance the patient, visitor, and staff experience in healthcare settings. Brown's clients in the Twin Cities Metro area have included Abbott Northwestern Hospital, Children's Hospitals and Clinics of Minnesota, Methodist Hospital, Mercy Hospital, United Hospital, and Unity Hospital, as well as many clinics, including Allina Edina, Allina Center for Outpatient Care, and Park Dental, to name a few.

Don Thomas, CID, is a design principal and director of interior design with BWBR Architects, an architecture and interior design firm in St. Paul. In his 19 years with BWBR, he has helped envision and bring to life interior architecture and design for healthcare facilities, schools, worship facilities, corporate offices, and recreation facilities. Thomas has contributed to the creation of healing spaces for medical clients including Children's Hospitals and Clinics of Minnesota, Avera McKennan Hospital (Sioux Falls, SD), Centegra Health System (IL), Fairview Health Services, HealthPartners, North Memorial Health Care, Park Nicollet Health Services, and many others.

Wednesday, November 15

Event 27 — Exhibit Hall — Free

11:15 am – 2:30 pm

Exhibit Hall

This year's special exhibits located in the Exhibit Hall include the Minnesota chapter of the American Society of Landscape Architects' display showing landscape architecture's role in community building; the University of Minnesota College of Design's exhibit featuring student work; a presentation of the Ten Most Endangered Historic Places in Minnesota in 2006 by the Preservation Alliance of Minnesota; and the AIA Minnesota Dimensions exhibit showcasing the talent of our emerging professionals.

In addition to the booths, there is a new way to experience the Exhibit Hall, with a **Speedy Overview of Architectural Products (SOAP)**. How does this work? You have the opportunity to meet with ten company reps in a twenty-minute time period to talk about the latest, greatest, coolest, and newest products around! You've heard of speed networking; well, this is speed expo-ing. SOAP will take place in the front of the Hall near the entrances and will happen from 11:15–11:45 am and 1:45–2:15 pm. There is no need to sign up ahead of time and anyone can participate.

Also come experience the "Media Mix" activity where you can watch student sidewalk artists at work throughout the Exhibit Hall.

Take advantage of the wealth of knowledge in the Exhibit Hall and visit with our Exhibitors. And if you've registered for the full convention package, use your \$5.00 coupon for lunch in the Exhibit Hall café.



Event 28 — Keynote Address

2:30 pm – 4:00 pm

Green Urbanism: The Role of Cities in Advancing Sustainability ✓

HSW 1.25 HSW Hours of Continuing Education
Health Safety Welfare
Co-sponsored by the AIA Minneapolis Urban Design Committee
Tim Beatley believes that cities hold much potential for addressing global environmental issues, for reconnecting us to nature and to each other, and for dramatically reducing our ecological footprints while at the same time creating highly livable environments. He argues for what he calls Green Urbanism: creative urban planning and design strategies that, among other things, bring nature back into urban neighborhoods, incorporate locally-produced renewable energy into the urban fabric, and nurture new local and regional sources of the food and materials needed to sustain urban populations. Beatley believes cities can be profoundly re-earthed and that green urban living and design hold the best hope for a more sustainable and enriching human existence. This keynote address will review the experiences of leading cities in Europe and North America that are moving in the direction of green urbanism and will describe a number of innovative green planning ideas, projects and policies found in these most exemplary places.



Timothy Beatley is Teresa Heinz Professor of Sustainable Communities, in the Department of Urban and Environmental Planning, School of Architecture at the University of Virginia, where he has taught for the last eighteen years. Beatley holds a PhD in City and Regional Planning from the University of North Carolina at Chapel Hill. His primary teaching and research interests are in environmental planning and policy, with special emphasis on coastal and natural hazards planning, environmental values and ethics, and biodiversity conservation. He has been published extensively in these areas. In recent years much of his research and writing has been focused on the subject of sustainable communities, and creative strategies by which cities, towns and regions can fundamentally reduce their ecological footprints, while at the same time becoming more livable and equitable places. Beatley is the author of two recent books that analyze green urban trends and document a number of these green city innovations: *Green Urbanism: Learning from European Cities* (Island Press, 2000) and *Native to Nowhere: Sustaining Home and Community in the Global Age* (Island Press 2004).

A booksigning for *Native to Nowhere* and *Green Urbanism* is scheduled to immediately follow this program.

Event 29 — Exhibit Hall — Free

3:45 pm – 6:00 pm

Exhibit Hall

Come visit the MAF display in the center of the Exhibit Hall floor where you can meet Board members and find out how your UN-RAFFLE Event donation can make a difference in promoting architecture in Minnesota.

Make a stop at the AIA150 booth to learn more about our legacy projects and special events celebrating 2007 as AIA National's 150th year! Sign up and get involved in this national event.

Visit with our Exhibitors and participate in "Tix in the Mix" and take your chance at winning one of many amazing prizes! Drawings will take place 15 minutes before the end of each Exhibit Hall session. You must be present to win.

Event 24

10:15 am – 11:30 am

The Barefoot Home and The New Informality

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Residential Architects Committee

Forget using the front door or eating dinner in the dining room. Today, we live in a casual, no-tie-required world where we wear jeans to work, put our feet up on the coffee table, and entertain in our kitchen. According to the 2005 Home Design Trends Survey by the American Institute of Architects, 66 percent of architectural firms report that "informal space" is on the rise. Our lives have become increasingly informal, and now our homes are following suit. Barefoot Homes are casual and comfortable, informal and open, filled with light and connected to the outdoors. This new informality will define home design for decades to come. Attend this program and learn about the characteristics, materials and products that define a Barefoot Home.

Marc Vassallo is one of today's top editors and writers in home design. He has a new book that's launching this fall called *The Barefoot Home*. In 2005, Vassallo partnered with acclaimed architect and author Sarah Susanka, FAIA, for a groundbreaking book, *Inside the Not So Big House: Discovering the Details that Bring a Home to Life*. With formal education in architecture and creative writing, Vassallo understands and clearly articulates home design trends and ideas. Vassallo has more than two decades of experience in creative writing, with eight of those years spent in various editorial positions at The Taunton Press.

A booksigning for *The Barefoot Home* is scheduled to immediately follow this program.

Event 25

10:15 am – 11:30 am

The Next Architect ✓

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Architect of the Future Committee

Owing to emerging design technologies such as BIM, the advent of green design initiatives, and ever-increasing pressure to complete projects faster and faster with larger and more complex teams, architects have a unique opportunity to reclaim their leadership role, not only on individual projects but in their communities at large. *The Next Architect* explores new ways that architects can engage in professional practice, what this means for their relationships with owners, consultants and contractors, and how it affects the business aspects of design. Included in the discussion will be a survey of fourteen major trends that are inspiring profound changes in the profession.

Scott Simpson, FAIA, is president & CEO of The Stubbins Associates in Cambridge, MA. He is a Richard Upjohn Fellow of the AIA, a Senior Fellow of the Design Futures Council, and a founding board member of the Rice Building Institute. A frequent speaker at national conferences and seminars, he has published more than 90 articles dealing with issues of innovation in the design professions and is co-author of two books: *How Firms Succeed — A Field Guide to Design Management*, and *The Next Architect — A New Twist on the Future of Design*.

A booksigning for *The Next Architect* is scheduled to immediately follow this program.

Event 26

10:15 am – 11:30 am

Roofing Solutions

1.0 HSW Hours of Continuing Education

HSW 1.0 HSW Hours of Continuing Education
Health Safety Welfare
The roof top is a building component that can be utilized beyond the traditional purpose of weatherproofing. This program will describe the varietal uses of a roof and summarize data and technical findings resulting directly from sustainable roof design of a number of buildings. The presentation will also analyze a 50,000 square foot roof in Minnesota that utilizes sustainable and renewable technologies. Attend this program and learn how this example roof is being used to harvest rainwater for irrigation, mitigate storm water runoff through a section of garden roof, uses Energy Star certified coatings and membranes to reduce the urban heat island effect, serves as the foundation for a 5 kW PV solar array, and serves as the foundation for a 5.4 kW wind turbine installation.

Tim Leonard is the CEO of ERSystems and a principal with Prairie Technologies in Rockford, Minnesota. He has a BS in Aerospace Engineering from Iowa State University, is a Certified Energy Manager (CEM) by the Association of Energy Engineers (AEE) and is a LEED™ Accredited Professional by the USGBC. He currently sits on the Spray Polyurethane Foam Association (SPFA) technical committee.



Thursday, November 16

60 Minutes Free

Four programs, each 60 minutes long, each offering 1 hour of CE credit, all free. Register and take advantage of this 60 Minutes Free deal!

Event 30 — 60 Minutes Free

8:30 am – 9:30 am

Explore the Issues that Shape Architectural Practice

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Government Affairs Committee

This seminar will explore the varied legislative issues that have an impact on the practice of architecture. It will explain recent issues that affect the design and construction industry. The 2006 legislative session included the passage of eminent domain legislation which will impact the ability of communities to develop properties. Lobbyist Kathy Hahne will present the issues that will affect architects, developers, communities and property owners. Additionally, the State Designer Selection Board, Design/Build and Acoustics in Schools will be discussed. Discover ways in which you can help shape the legislative landscape.

Kathryn Hahne, an attorney with the Faegre & Benson law firm, has lobbied for AIA Minnesota for the past three years. Her legal background shaped the discussion and legislation that resulted in the design/build legislation passed during the 2005 legislative session. Through her work with other clients she became an eminent domain expert at the capitol during the 2006 session.

John Strachota, AIA, principal at BWBR Architects along with **Ann Voda, AIA**, principal at Bentz/Thompson/Rietow co-chair of the Government Affairs Committee. They have expertly guided the discussion and shaped the issues agenda for AIA Minnesota.

Event 31 — 60 Minutes Free

8:30 am – 9:30 am

Means & Methods — Unpredictable Without the Skilled Trades

1.0 Hours of Continuing Education

Training young apprentices is important to maintaining a healthy construction industry and skilled trades. With schools emphasizing post-secondary education in high school, students need to be exposed to the opportunities provided by a career in the trades. Many trade professions have developed their own training programs to continue promoting and mentoring a strong and skilled trade profession. These programs teach the proper installation and execution of construction details and stress the theories behind why things are done the way they are. This presentation exemplifies the message delivered to those desiring a “hands on” career in a particular trade and the options available to them.

Roger Garner is a Journeyman Pipefitter LU 539 and is currently the Training Director for the Pipefitters LU 539 Joint Apprenticeship Committee.

Tony Maghrak is the Training Director of the Minneapolis Electrical JATC, sponsored by The Minneapolis Chapter of NECA, and IBEW Local Union 292. The Minneapolis program has had a day school Apprenticeship Program in operation since the early seventies.

Thomas Reger has been the Apprentice Coordinator for the Cement Masons Local 633 since January 2003. He has full charge of curriculum and training content offering Journeyman upgrade training and a concerted safety training program.

Mark Wickstrom is the Director of Apprentices for the Bricklayers & Allied Craftworkers Local Union 1 for Minnesota and North Dakota. He is currently an instructor at Anoka Ramsey Community College, Midwest Preservation Institute.

Event 32 — 60 Minutes Free

8:30 am – 9:30 am

Mentoring for the Future! In the Mix, and Into the Community ✓

1.0 Hours of Continuing Education

Young practitioners hold the future success to our firms. How do you recruit, retain and foster growth in young practitioners? An extensive part of intern growth has proven to stem from exposure to issues greater than what an architecture firm alone can provide. Gould Evans Associates has created a program called IG:AP (Intern Group and the Architectural Profession). IG:AP is a comprehensive solution addressing the needs of the intern for which they received the National AIA 2006 IDP Outstanding Firm Award. This presentation will explore how firms can support their interns and provide them with opportunities they need, both within the firm and in the community, in order to learn, to become productive, and to create a bond within the firm.

Brandon Gainey has over 3 years of experience in the architectural profession. He holds a chair position in the Kansas City CSI chapter, is LEED Accredited, is a member of the USGBC, and is involved with multiple community outreach programs. Gainey is one of the founding members of Gould Evans Associates' IG:AP Program.

Becky Mullins, AIA, has over 24 years of experience in professional practice, and is currently a Principal at Gould Evans Associates. She has dedicated a large part of her career to working with not-for-profit organizations, and helping them fundraise and design new facilities. Mullins is also deeply involved within the community, holding board positions for multiple charitable organizations, as well professional organizations. She is the founder of Gould Evans Associates' IG:AP Program.

Event 33 — 60 Minutes Free

8:30 am – 9:30 am

Minnesota Green Communities for Affordable Housing

1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Housing Advocacy Committee
Minnesota Green Communities is an initiative designed to foster the creation of affordable, healthier, and more energy-efficient homes throughout Minnesota. This program will give a general overview of the Green Communities Criteria, present case studies, and provide detailed cost benefit information when following the Green Communities Criteria for affordable housing. Participants will walk away with specific actions to reduce operating costs and increase the health of building occupants.

Janne Flisrand, Minnesota Green Communities' program coordinator, has worked in program management for nine years. Flisrand has worked in the field of affordable housing and community planning since 1999 in positions ranging from housing development intern to policy research. In this work, she has often created a bridge to her personal interest in public transportation in communities, the health of the environment, and all aspects of environmentalism.

Angie Skildum has been the Research & Policy Director for the Family Housing Fund since 1998. Along with being the lead staff on the Minnesota Green Communities initiative, her efforts have included managing research projects on metro area workforce housing needs and a statewide study of affordable housing needs. She also works on the Fund's multifamily new production and preservation portfolios, and is certified as a Housing Development Finance Professional by the National Development Council.

Event 34

9:45 am – 11:00 am

Light Orchestration: Integrating Electric Lighting and Fabric

1.0 Hours of Continuing Education

Co-sponsored by the Industrial Fabrics Association International/Fabric Architecture magazine

Fabric is playing an increasingly important role in innovative solutions to integrating electric light with buildings and landscapes. Using case studies to examine new technologies and materials, this program will outline for participants successful methodologies and concepts for using fabrics and meshes with lighting. Design concepts are discussed that explore light's potential for orientation, the creation of atmosphere, enhanced visual texture and sense of time, as well as the molding and shaping of electric light and its interplay with buildings and the environment.

Nicholas Goldsmith, FAIA, is a Senior Principal at FTL Design & Engineering Studio since 1978. He has been in charge of design for many of FTL's projects, including the Carlos Moseley Music Pavilion for the Metropolitan Opera and NY Philharmonic, a deployable concert facility traveling to all NYC's parks, and a deployable theater for AT&T at the 1996 Olympics in Atlanta. Goldsmith has designed exhibitions including “Under the Sun” an exhibition on solar energy for the Cooper-Hewitt, National Design Museum and an exhibition for Material Connexion on “Tensions in Architecture”. Prior to joining FTL, he was a designer at Atelier Frei Otto in Stuttgart, Germany. He is also current Chairman of the Lightweight Structures Association.

Leni Schwendinger, Principal, Light Projects Ltd., New York, creates lighting environments for architectural and public spaces all over the world. Recent projects include Chroma Streams; Tide and Traffic at Kingston Bridge in Glasgow, Scotland, and the outdoor light performance installation at McCaw Hall for the Seattle Opera and Pacific Northwest Ballet titled Dreaming in Color. Schwendinger studied at the London Film School and has lectured and taught widely throughout the US, Europe and Japan, and is currently on the faculty of Parsons School of Design; Architecture, Interior Design and Lighting Department. Schwendinger collaborated with Nicholas Goldsmith on the Charlottesville Music Pavilion.

Event 35

9:45 am – 11:00 am

Traveling into the 21st Century along the Central Corridor with LRT

1.0 HSW Hours of Continuing Education

The Central Corridor is an 11-mile transit route between Minneapolis and St. Paul. It is one of the most used transportation routes in the metro area and is known for its many strong neighborhoods, institutions and businesses. This program will provide an overview of the proposed



Thursday, November 16

Light Rail Transit line along the Central Corridor, with a particular emphasis on the development planning the City of St. Paul is undertaking to prepare for it. Two community-based task forces, appointed at the request of Mayor Coleman, will recommend a Central Corridor Development Strategy by February 2007. The development planning process is focusing on issues such as land use planning and zoning; density of development; affordable housing; design of the public realm; parks and open space; and concerns about gentrification. A consulting team led by the Toronto-based urban planning and design firm Urban Strategies, Inc. is assisting the task forces in developing their recommendations. Attend this program to get the latest information on this major urban development/transportation planning effort.

Donna M. Drummond is a Senior Planner for the Saint Paul Department of Planning and Economic Development. She joined PED in 1982. Drummond is currently the lead city staff person for the Central Corridor Initiative. Other projects she has worked on include neighborhood small area plans; college campus planning and development regulation; development of the City's Sales Tax Revitalization (STAR) program; and economic development and housing project management.

Lucy Thompson is a Senior Planner for the Saint Paul Department of Planning and Economic Development (PED). She joined PED in 1988. Currently, her emphasis is on planning and urban design for downtown Saint Paul and the central Mississippi riverfront. She is also a founding member, past co-director and current Core Team member of the Saint Paul on the Mississippi Design Center, a public-private partnership created in 1995 to implement the vision for a revitalized downtown reconnected to the Mississippi River.

Event 36

9:45 am – 11:00 am

Change Design

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Architect of the Future Committee

Across the business world, a quiet revolution is underway. There's a growing awareness that innovation is critical to competitiveness and growth and that design, in turn, is critical to innovation. The book, *Change Design: Conversations About Architecture As the Ultimate Business Tool* explores how traditional "form-driven" architecture is falling before a new approach that integrates design with business performance. This program will articulate this transformation. Through a series of case studies, an examination of three client projects will reveal how these clients transformed their enterprises through design.

Timothy Johnson, AIA, is a Design Partner with NBBJ, one of the world's largest design firms. Johnson has an extremely varied design background working with communities, institutions, and developers around the world to create complex multi-use environments. Johnson is known for his ability to create project solutions that use design as an integral part of a client's business strategy. He joined NBBJ in 1998, was made a Partner in 2002 and is responsible for its New York office.

A book signing for *Change Design* is scheduled to immediately follow this program.

Event 37

9:45 am – 11:00 am

Masonry Restoration: New Materials and Methods

1.0 HSW Hours of Continuing Education

Co-sponsored by the International Masonry Institute, Minnesota Area Office

The field of masonry restoration is changing rapidly. In the past few years, many innovative products and systems have entered the North American marketplace. This presentation will discuss a number of new materials and methods for cleaning and re-pointing, including peroxide gels, latex peels and natural hydraulic lime mortars. Other areas of focus will be new sources of patching compounds and replacement stone, and a novel approach to the protection of limestone and marble from acid rain.

Norman R. Weiss, FAPT, is a technical specialist in the analysis and preservation of traditional building materials. Trained as an analytical chemist, he is recognized for his activities in the field of masonry cleaning and repair. His most current research is on the chemical treatment of limestone and marble, and the development of novel lime-based mortars, grouts and paints. He has taught at Columbia University since 1977, where he currently holds the position of Associate Research Scholar. Prof. Weiss is a Fellow and Life Member of the Association for Preservation Technology and is Consultant Editor of the UK-based *Journal of Architectural Conservation*.

Event 38

9:45 am – 11:00 am

LEED for Homes: Getting Ready

1.0 HSW Hours of Continuing Education

Co-sponsored by the AIA Minnesota Residential Committee

By now, most architects know something about the different LEED products available through the USGBC. LEED-NC, LEED-EB and

LEED-CI are all examples of successful green building programs for commercial projects. USGBC is currently evaluating the pilot phase of their newest product addition, LEED for Homes. This session will answer questions concerning the required and optional inspections, documentation, mandatory measures, costs and what's new for builders, designers and architects.

Michael Holcomb, President, The Alliance for Environmental Sustainability, is one of twelve, regional LEED for Homes Pilot Program Providers. Since 1986 he has inspected over 16,000 structures with regards to building failures. Holcomb served as a technical advisor for four regional Home Builders Association green building programs and is currently coordinating the training as the state HBA association attempts to develop a statewide program. He serves on the boards of directors for Green Built Inc, Alliance for Environmental Sustainability and Green Built Tokyo.

Event 39 — Exhibit Hall — Free

10:45 am – 2:00 pm

Exhibit Hall

This is your last chance to participate in the MAF UN-RAFFLE Event. At various contribution levels, you can receive a MAF mug or a variety of original and reproduction artwork. Come prepared to experience the "Media Mix" activity where you can watch local student sidewalk artists create magnificent works of art right before your eyes! Take advantage of your last opportunity to win one of many amazing prizes in the "Tix in the Mix" activity. Finding new products and services for your company can be difficult and time consuming. Why not take advantage of SOAP—a **Speedy Overview of Architectural Products?** SOAP will take place at the front of the Exhibit Hall at 10:45–11:15 am & 1:15–1:45 pm. If you've registered for the full convention package, use your \$5.00 coupon for lunch in the Exhibit Hall café. It is all happening in the Exhibit Hall...be there and be part of the action!

Event 40 — Keynote Address

2:00 pm – 3:30 pm

Jurors Show and Tell ✓

1.25 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Awards Committee

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

Ann Beha, FAIA, is the Founder and President of Ann Beha Architects, a Boston-based architectural firm specializing in contemporary design and in the preservation and adaptive reuse of existing buildings for cultural and educational clients. Among her award winning projects are the renovation and expansion of the Portland Art Museum in Oregon, the New Britain Museum of American Art in Connecticut, the creation of the new Mary Baker Eddy Library for the Betterment of Humanity in Boston; and the restoration of Jordan Hall at the New England Conservatory of Music in Boston. Beha is a graduate

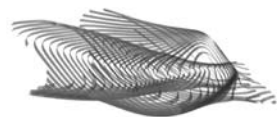


Jordan Hall, New England Conservatory of Music, Boston

of Wellesley College, from which she received the Alumnae Achievement Award, the College's highest honor. She received her Master's in Architecture from MIT and has served on the MIT Visiting Committee for fifteen years. She was a Loeb Fellow at the Graduate School of Design at Harvard University, is a Fellow of the American Institute of Architects and has lectured nationally and internationally on design.

Michael McInturf established his firm in 1995, and maintains an active architectural practice in Cincinnati, Ohio. The firm is well respected as a leader in advancing digital design and developing critically distinguished work, including the design of a 100,000 square foot new Upper School at Cincinnati Country Day School. As the firm's project-base expands into residential and smaller commercial facilities, it is engaging in research-based design projects based on the idea of Ecological Morphology. McInturf is also an Associate Professor of Architecture in the School of Architecture and Interior Design at the University of Cincinnati. At the University of Cincinnati, McInturf is a

College of Design, Architecture, Art, and Planning Annual Award recipient for Outstanding Research and Creative Work for 2000. The critical and influential



University of Cincinnati, Women's Varsity Rowing Facility — Conceptual Study

nature of his expanding practice and his increasing impact within the curriculum were cited as the principle reasons for his selection. He is also a member of the university's Design Review Committee as they oversee their extensive 20-year building program and Campus Master Plan.

Pierre Thibault, RAIC, Pierre Thibault Architecte, Quebec, has been distinguishing his practice since 1988 through environmentally incisive responses to the needs of clients in urban, regional and wilderness settings. Primarily active in landscaping, and cultural and institutional design, his penetrating vision and finely honed vocabulary have earned him citations and awards in Québec, Canada, the United States and Europe. Principal designer as well as project manager, Thibault works with a well-formed team of professional architects and senior technicians whose proven qualifications complement one another. Together, the team combines design and building expertise with the latest model-rendering technologies to meticulously craft projects grounded in the aspirations and requirements of individuals and communities. The design mastery the firm has developed, particularly



les Abouts House

within the last ten years, is the result of Thibault's personal and continued research into the inherent dialogue between architecture and the environment. Thibault's landscaping realizations, among them Jardin Territoire and Winter Gardens are powerful reflections on the "soul" of place, and on natural cycles and their contribution to culture.

Event 41 — Free

3:45 pm – 5:00 pm

Honor Awards Announced!

1.0 Hours of Continuing Education

Co-sponsored by the AIA Minnesota Awards Committee

Who won and why? The jury's selection of the 2006 AIA Minnesota Honor and Divine Detail Award-Winners will be announced at this event. A facilitated discussion with the jurors will explore the quality of Minnesota architecture and an in-depth analysis of submitted work.



Ann Beha, FAIA



Michael McInturf



Pierre Thibault, RAIC

Ann Beha, FAIA, is the Founder and President of Ann Beha Architects, Boston, Massachusetts.

Michael McInturf is Associate Professor of Architecture and Interior Design, University of Cincinnati.

Pierre Thibault, RAIC, is Principal, Pierre Thibault Architecte, Quebec.

Thomas Fisher, Assoc. AIA, Professor and Dean, College of Design, University of Minnesota, will moderate this discussion. Fisher previously served as the Editorial Director of *Progressive Architecture*. He has lectured or juried at 33 different schools of architecture and 57 professional societies, and has published 16 book chapters and over 200 major articles in various magazines and journals, and in 2005 he had three books published.

Event 42

3:45 pm – 5:00 pm

Speech Intelligibility and Design: Best Practices and Strategies to Avoid Liability

1.0 HSW Hours of Continuing Education

The task of understanding speech is relatively easy for those of us who have normal hearing in spite of poor acoustical conditions. This is not the case for the more than 30 million Americans who have moderate to severe hearing loss. The Americans with Disabilities Act specifically prohibits discrimination based on hearing ability, but to date has not included

intelligibility standards. But now, new technology is available to designers and contractors making it possible to easily quantify the performance of public spaces with respect to speech intelligibility. Designers of these spaces will be responsible for the intelligibility corrupting effects of ambient noise, excessive reverberation, and confusing reflections. This presentation will describe speech intelligibility and its measurement; describe Best Practices; explain how to resolve conflicts between green design and intelligibility goals; and cover design tools such as computer modeling / auralization.

David Braslau, PE, is Principal Consultant for David Braslau Associates. Braslau has experience in all types of educational facilities including K-12, higher education, city and state projects. He is a member of the National Council of Acoustical Consultants. Society memberships include the Acoustical Society of America and the Institute of Noise Control Engineering.

Robert Oswood is Principal Consultant for Synergistic Design Associates. He has 30 years' experience in Room Acoustics and the design of Sound and Video systems for educational facilities, houses of worship, performing arts centers and sports arenas. His special area of interest is speech and visual intelligibility, Oswood's firm grasp of psychological acoustics, the human factors that affect the understanding of spoken work and visual images are the basis of his designs.

Dr. Peggy B. Nelson is a faculty member in the Department of Speech-Language-Hearing Sciences at the University of Minnesota. She will share her work via a brief video presentation.

Event 43

3:45 pm – 5:00 pm

Using Electronic Documents during Construction

1.0 Hours of Continuing Education

A growing number of owners are beginning to require that their architects be familiar with and savvy about the use of electronic document tools. As interest in this topic and sustainability in general continues to grow, architects and other design professionals need to be up to speed or risk being left behind. This seminar will focus on the use of electronic documents during the different phases of construction and present a broad overview of the growing scope of electronic document services and the issues and concerns that architects and builders must consider when selecting the appropriate tools for the project goals.

Michael Lapicola is an attorney in the Construction Law Group at the law firm of Faegre & Benson LLP. His practice consists primarily of drafting and negotiating construction and design contracts, as well as dispute resolution of construction matters. In his practice, Lapicola has represented contractors, architects, engineers, subcontractors, suppliers, owners, and sureties.

Matt Ostanik, AIA, CSI, has spent the past three years extensively researching the role of electronic documents during construction and their potential to save costs while promoting sustainable practices. In 2005 he launched Submittal Exchange, an innovative online tool that facilitates the use of electronic construction submittals (such as shop drawings), and he is currently working with several dozen A/E firms and contractors across the Midwest to improve this traditionally paper-heavy industry practice.

Event 44 — Free

Member Reception

5:00 pm – 6:30 pm

After the announcement of the 2006 Honor Award and Divine Detail Award winners, join your colleagues at a reception to celebrate. There will be food and refreshments and an opportunity to review all of this year's submissions. Take this time to view an exhibit of this year's Gold Medalist, Milo Thompson, FAIA. Browse through other exhibits including AIA Minnesota's 2006 25-Year Award, the 2005 Honor Award and Divine Detail winners and a special exhibit of past Louis Lundgren Award recipients. Celebrate and enjoy award winning architects and design at this AIA Minnesota Member Reception.



Event 45

8:30 am – 10:00 am

Livable Campus Communities

1.25 Hours of Continuing Education

Urban collegiate campuses offer great opportunities for implementing livable community characteristics. Which goals and visions are important for students and faculty in these most unique settings? How do urban campuses interact with adjacent neighborhoods, where the edges blend? Staff members of the University of St. Thomas, with campuses in Minneapolis and Saint Paul, will present these and other planning and design issues reflecting their implementation of livable campus communities.

Doug Hennes is vice president for university and government relations at St. Thomas. He has overseen the University Relations area at St. Thomas since 1990, and spent the previous 14 years as a reporter and editor for the *St. Paul Pioneer Press*. Hennes coordinated St. Thomas' successful five-year effort to win city approval to redevelop two blocks on the south side of Summit Avenue.

John Hershey has been neighborhood liaison at St. Thomas since 1998. He deals with issues ranging from party-house concerns to campus development, and works closely with two community colleges and a university-neighborhood advisory council on pro-active measures to improve the quality of life in the area. Hershey has worked for 32 years with five colleges and universities in residence life, student affairs, outdoor education, athletics and community relations.

Karen Lange has been dean of students since 2001 after serving as associate dean of students for seven years and working in residence life for eight years. During her 20 years at St. Thomas, Lange has been involved in building community for students both on and off campus, including orientation programs, parent programs, renters rights, student advocacy and adjudicating the code of conduct on and off campus.

Event 46

8:30 am – 10:00 am

Renewal: Sustaining the Building Stock

1.25 HSW Hours of Continuing Education

**Co-sponsored by the national AIA's Historic Resources Committee and Committee on the Environment.*

By even the most optimistic estimates, fewer than one percent of buildings in the U.S. can be classified as "green" or "high-performance". Applying even the most aggressive growth projections, over the next generation new construction will expand the existing building stock by about one-third. Any hope of creating sustainable communities absolutely depends on developing effective ways to transform the existing building stock into green, high-performance, buildings. The architectural profession needs to get busy renewing buildings. For historic preservationists, statistics about the existing building stock signal an equally profound paradigm shift. About a third of existing buildings are at least fifty years old, buildings with which preservationists are familiar. Another third of today's building stock will reach the age of fifty during the next generation. However, the materials and systems used to construct modern-era buildings presents an entirely new challenge to preservationists. The preservation profession needs to reinvent itself. This program will explore how sustainable design and historic preservation must reinforce each other in both theory and practice in order to meet these expanding challenges.

Carl Elefante, AIA, LEED AP, is principal and Director of Sustainable Design for Quinn Evans | Architects. He serves as project manager and lead designer for a broad spectrum of projects, including architecture, historic preservation, and community planning and revitalization. Elefante has lectured nationally on historic preservation and sustainable design topics, including recent programs at the National Trust for Historic Preservation and the United States Green Building Council. Elefante served on the Sustainable Communities Task Force of President Clinton's Council on Sustainable Development (PCSD) in 1994 and 1995. He serves on the Board of Directors of Sustainable Communities Initiative for the Potomac Valley Chapter of the American Institute of Architects, and recently completed a three year term for the National Capital Region Chapter of the United States Green Building Council. Elefante has been appointed to the District of Columbia Green Building Task Force charged with making legislative recommendations on the proposed Green Building Act of 2005.

**November 17–19, 2006, the national AIA's HRC and COTE are presenting "Energy, Currency, and Memory: Sustaining the Value of Historic Resources" at the University of Minnesota College of Design. Students and faculty and preservation partners from across the country will attend this symposium on historic preservation and sustainable design, tour local architectural land-*

Event 47

8:30 am – 10:00 am

Applying the Newly Revised Minnesota Sustainable Building (B3) Guidelines

1.25 HSW Hours of Continuing Education

The Minnesota Sustainable Building (B3) Guidelines, required on all State-funded projects, have been significantly revised. The guidelines are streamlined and organized into a more user-friendly format. In addition, there are interactive worksheets and tools for determining outcomes such as energy and water use, environmental impacts from energy generation, life cycle costs, and environmental impacts of materials. This program will present the specific requirements and recommendations of the B3 Guidelines and their relationship to LEED and other relevant guidelines and standards. New tools and simplified documentation will be described with specific examples from B3 case studies.

John Carmody is the Director of the Center for Sustainable Building Research and a Professor in the Department of Architecture in the College of Design at the University of Minnesota. He holds a Bachelors and Masters degree in Architecture from the University of Minnesota, and teaches in the new Master of Science in Architecture program focusing on sustainable design. He has worked in building-related research for 25 years and is the author of several books on building design and construction. Carmody was one of the leaders of a team that developed the original *Minnesota Sustainable Design Guide*, and most recently, to develop the *State of Minnesota Sustainable Building Guidelines (B3)* now required on State-funded projects.

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. Since 1978, Eijadi's career in architecture, urban design and interior design has emphasized environmental responsibility. Eijadi has been recognized for his work as a researcher, product developer, educator and pioneer in sustainable design and holds several patents. He was a key contributor to the State of Minnesota Sustainable Building Guidelines (B3) and has been involved with Energy Design Assistance (EDA) programs since 1993. Under his direction, EDA programs have been implemented on over 100 million square feet of construction, which results in air pollution reductions of 504 Kilotons annually and has received honors both nationally and internationally.

Event 48

8:30 am – 10:00 am

Interior Environmental Quality: An Evidence-Based Approach

1.25 HSW Hours of Continuing Education

There is an abundance of material written about the impact of interior environmental quality including indoor air quality, ergonomics, noise, and lighting. Much of this research is published in scholarly journals difficult to access or comprehend. This program will show you how to access practitioner-friendly research findings and evidence-based design criteria that are key to building design and essential to the health and safety of the occupants--across all building types. Having access to this knowledge will assist architects and designers in communicating with facility managers, code officials/inspectors, and engineers with whom they collaborate. Attend this program and discover how you can access research from over 160 design and human behavior journals for inclusion in your design process.

Denise A. Guerin, Ph.D., FIDEC, is a professor of interior design in the Department of Design, Housing, and Apparel in the College of Design at the University of Minnesota and coordinator of InformeDesign®. She received her Ph.D. from Michigan State University focusing on energy conscious interior design and is an NCIDQ certificate holder. She teaches interior design studios and emphasizes sustainable design research and practice. Dr. Guerin is the recipient of the Morse-Alumni Distinguished Teaching Award from the University of Minnesota for contributions to undergraduate education, the Michael Tatum Excellence in Education Award from IIDA, and the Louis S. Tregre Award from NCIDQ.

Caren S. Martin, Ph.D., CID, is an assistant professor of interior design and the director of InformeDesign®, a searchable database of design and human behavior research, sponsored by ASID and created by the University of Minnesota with colleague Dr. Denise Guerin. Dr. Martin teaches in the CIDA-accredited interior design program in the College of Design. She is a governor-appointed member of the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design (2000-2008), chair of its rules committee, and is the board's Delegate to NCIDQ (2000-present).

Event 49 — Free

10:15 am – 11:45 am

Who Wants to be an Architect? Playing the ARE Jeopardy Game ✓

Co-sponsored by the AIA Minnesota Intern Development Program Committee and the Emerging Professionals Committee

Are you preparing to take the Architectural Registration Exam? Do you like trivia games? Do you like having fun learning about architecture? If you've said yes to any of these questions, you'll want to join us for the third annual ARE Jeopardy. This session will be an interactive version of the game show Jeopardy with questions about the practice of architecture, like: "Number 0000 or 4/0 is which type of electrical wire? Telephone... Major Appliance... Main Feed... None of the Above." and "What is the best height for a toilet seat in a handicap stall? 17 inches... 19 inches... Between 17 and 19 inches... Adjustable." The game will feature questions such as these and will help those of you preparing for the ARE gain insight into what you know and what you need to study. Invite your mentor and spend some time together having fun! Whether you are preparing for the exam or not, join us for this lively session offering valuable ARE-related prizes.

Event 50

10:15 am – 11:45 am

Cash or Credit: Comparing Utility Incentive Programs With LEED®



1.25 HSW Hours of Continuing Education

LEED (Leadership in Energy and Environmental Design) has achieved market penetration of 3% in the US and is a powerful market transformation tool. LEED awards points through "credits" for design, with up to 14 of 69 points available for energy efficiency measures. While LEED does not mandate energy efficiency beyond code, the project examples shown in this presentation had specific goals for the energy optimization credit. Comparison is made on building designs motivated by LEED points with those motivated by utility programs and related cash incentives. The Energy Design Assistance process recommended for LEED projects is identical to that followed on some utility programs, but the methods for market transformation are different. Energy savings, strategies selected and incremental costs for up to eight projects are compared for each approach. This presentation shows the aggressiveness of energy savings that a utility program is able to promote by risk reduction through complimentary analytical services and cash incentives and compares that with the aggressiveness triggered only by the promise of LEED credit points and recognition.

David Eijadi, FAIA, LEED® AP, is a Principal at The Weidt Group and 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 100 million square feet of construction, which results in air pollution reductions of 504 Kilotons annually. The EDA process has received honors both nationally and internationally.

Lara Greden, PhD, is a consultant with The Weidt Group, specializing in energy modeling and risk analysis for sustainable building design, energy conservation, and renewable energy. She is an expert in hybrid ventilation and flexible design methodologies to address risk using Real Options Analysis. Her past research developed further understanding of market and regulatory mechanisms for encouraging development of sustainable housing in urban China. Other work includes sustainable design work in Turkey, including renewable energy systems and passive building design. She was a consultant for Arthur D. Little, Inc. (now Navigant Consulting, Inc.) on the topics of renewable energy and energy efficiency for the U.S. Department of Energy.

Jason Steinbock is an energy modeler at The Weidt Group, providing comparative analysis services for high performance buildings to achieve excellence in energy efficiency and sustainable design. His work includes life cycle analyses, daylighting systems, and monitoring as well as analysis of completed buildings to verify energy performance goals have been met. Steinbock provides energy and life cycle cost analyses for a number of projects that are seeking LEED® Certification.

Event 51

10:15 am – 11:45 am

The Nature of Lustrous Materials

1.25 Hours of Continuing Education

Luster is a property found in many materials. When a lustrous material is used, the property can either intrude into the statement the designer wishes to make, or it may be used to specific advantage. Learning the causes of luster and being able to understand its directional nature may aid in giving the complete aesthetic statement desired. This presentation will cover the physical and optical surface conditions that traditionally produce luster including brushed metals, wood cells, fabric, and crystal structure (gems). Added to this list is the new medium of lustrous concrete. Examples of the variety of

materials and artwork produced will be shown to demonstrate the effects generated and the results of using luster as an active design element.

Thomas R. Schrunk, LustraCon LLC, is an artist specializing in lustrous materials. A recent article in the Minneapolis *Star Tribune* described Schrunk as a "renaissance man." He has done the wood veneers for three "Art Case" custom pianos for Steinway & Sons (with a fourth commissioned) that Steinway considers to be "artistic masterpiece" works. Schrunk has taught wood veneers at MCAD and for the Minnesota Woodworkers Guild. He has written several articles and been published in *Fine Woodworking* magazine.

Event 52

10:15 am – 11:45 am

Integrated Practice – The AIA National Initiative ✓

1.25 Hours of Continuing Education

Technological evolution coupled with owner demand for better, faster, less costly construction projects and more effective processes are driving change in the construction industry in general and architecture in particular. Imagine a world where,

- all communications throughout the process are clear, concise, open, transparent, and trusting
- processes are outcome driven and decisions are not made solely on first cost basis
- risk and reward are value-based, appropriately balanced among all team members over the life of a project
- the profession delivers higher quality design that is sustainable and responsive

This is the future perfect vision of Integrated Practice. Leveraging early contribution of knowledge through utilization of new technologies, allowing architects to better realize their highest potentials as designers and collaborators while expanding the value they provide throughout the project lifecycle. The result of this revolutionary change in our practice culture will be a more relevant profession that exceeds expectations, freeing architects to truly be designers again.

Norman Strong, FAIA, is the managing partner for The Miller/Hull Partnership a 60-person architecture firm located in Seattle. Established in 1977, the firm has been recognized for innovative design, receiving more than 140 design awards, including 80 AIA awards — and the 2003 AIA National Architecture Firm Award. Strong is also an elected AIA Vice President focused on the implementation of the AIA's Strategic Plan for Integrated Practice. By engaging owners, contractors, architects, and educational leaders the AIA is defining a positive vision for an integrated practice, and driving the necessary changes through early collaboration and sharing of knowledge with all construction industry partners.

Event 53 — Keynote and Lunch

12:00 noon – 2:00 pm

Mastering Your Mind for Peak Creativity & Performance ✓

1.25 Hours of Continuing Education

Co-sponsored by the Minnesota Architectural Foundation with funds provided by the Beverly E. Hauschild-Baron Leadership Fund

This keynote address will explore how to focus your concentration, manage stress and tension, change your mind's habits to eliminate negative mental programming, and enhance your creativity. Most individuals spend most of their time in the Beta Brainwave state, a state of divided attention, where they are thinking of several things at the same time. In Alpha Brainwave state, you experience a state of total concentration. In this state you can block out any distractions or interruptions and give 100% of your mind's power to the task at hand. Furthermore, an excess of physical tension and emotional anxiety can completely paralyze your learning. Stress will not only rob you of your peak performance states, but eventually of your physical and emotional health as well. A lack of motivation, low self-confidence, disorganization, procrastination or other bad habits can also keep you from success. This presentation will show you how you can change your mental habits and manage stress in order to master your maximum ability for intelligence, innovation, insight, intuition, and inspiration.



Steven Snyder is a co-founder of Breakthrough Enterprises which sponsors the Breakthrough Radio Show, produces and markets Breakthrough Audio Journeys, and presents Breakthrough Seminars to help individuals discover and continually develop their unique character and genuine potential for personal growth and be of greater service to humanity.

In 1988 Snyder began working with the Young Presidents' Organization (YPO) whose mission is to create "Better Leaders Through Education and Idea Exchange." In 1990 he began his association with TEC: The Executive Committee whose mission is to "increase the effectiveness and enhance the lives of chief executives and those they influence." Snyder has made close to a thousand presentations for those two organizations and their member companies alone, and has presented in countries worldwide.

Friday, December 1

Event 54 — Awards Celebration

6:00 pm – 11:00 pm

An Evening of Celebration

The Metropolitan

Join President Mark Swenson, AIA, in paying tribute to AIA Minnesota's Gold Medal winner, Milo Thompson, FAIA, as well as to recipients of the AIA Minnesota Honor, Divine Detail, Young Architect, 25-Year, Special, and Louis Lundgren Award.

This year's celebration will be at The Metropolitan. The evening promises to be a festive event in honor of our distinguished award-winners.



One of the Twin Cities' most recognizable landmarks, the Lake Harriet Bandshell has beckoned residents and visitors to the shores of Lake Harriet for twenty years.

Gold Medal



The AIA Minnesota Gold Medal will be presented to **Milo Thompson, FAIA**. The Gold Medal is the highest award AIA Minnesota can bestow on an individual member.

It serves as recognition for a lifetime of distinguished achievement and significant contributions to architecture.

Milo Thompson is a founding principal of Frederick Bentz/Milo Thompson/Robert Rietow, Inc. He holds professional degrees from the University of Minnesota and Harvard University. Following graduate school in 1963 he was awarded the Rome Prize, which provided a two-year period of independent study at the American Academy in Rome. He returned to Minnesota to be a member of the faculty at the University of Minnesota's College of Architecture and Landscape Architecture, and taught design studios there for more than thirty years. He retired from his position as Professor of Architecture in 1997 to focus full time on his practice at Bentz/Thompson/Rietow.

During his tenure at BTR, he has designed some of the most iconic and memorable buildings in the Twin Cities, including the Lake Harriet Bandshell, Wooddale Church in Eden Prairie and New Main at Metropolitan State University in St. Paul.

During the earlier part of his career and prior to the formation of Bentz/Thompson/Rietow, Inc., he was Chief of Design for the Cerny Associates in Minneapolis. With thirteen design awards for work at that firm, he has received a total of seventy-four state and national design awards, including three American Institute of Architects Honor Awards and one of thirteen First Presidential Awards for Design Excellence, presented in person by then-President Ronald Reagan, for the master plan of Lowertown in St. Paul.

Milo Thompson is a Fellow of the American Institute of Architects and has been active in AIA Minnesota as a member of the Board, as a member of the advisory committee for Architecture Minnesota and on the Urban Design Committee. Additionally, he has served on numerous competition and Design Awards juries throughout the United States and has served on the national AIA Design Committee and the Alumni Committee at the Harvard Graduate School of Design.



Perched atop Dayton's Bluff in St. Paul, New Main is the public face of Metropolitan State University.



The spire at Wooddale Church in Eden Prairie echoes historic cathedrals in a distinctly contemporary material.

A special thank you to sponsors for this evening:

Andersen Windows & Doors
H. Robert Anderson & Associates, Inc.
Cobb Strecker Dunphy & Zimmermann, Inc.
Faegre & Benson, LLC
Dennis J. Linder & Associates
McGough Construction
Meyer, Borgman and Johnson, Inc.
Michaud Cooley Erickson
Minnesota Tile Contractors Association
and Bricklayers and Allied Craftworkers Local Union #1

Registration Form

Register online!
www.aia-mn.org

Pre-Registration ends November 7, 2006.

Receive a \$15 discount when you register online by November 7, 2006.

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 7, 2006. Registration will resume on November 14, 2006 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.

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

Name _____

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 7, 2006. Registration will resume on November 14, 2006 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 Discover

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 three choices for registration — check package & rate (online)

Member*

Non-Member

1. Full Convention Registration \$215 (**\$200**) \$325 (**\$310**)

Enjoy four days of seminars during the Convention, including Events 10 & 53, Keynotes with Lunch. All registrants who choose this package will receive two \$5 coupons for lunch in the exhibit hall café (Events 27 & 39). **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 \$50/ea \$75/ea

Online registrants 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 27 or 39). **Please indicate on Page 2 which seminars you plan to attend.** Events 10 & 53, Keynotes with Lunch, have an additional fee of \$20 each. Event 54 is priced separately (see Sections D & E below).

3. Student Full Registration \$20 (**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 10 & 53, Keynotes with Lunch, have an additional fee of \$20 each. Event 54 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 AIASM ACEC AGC AIGA APA ASID AWI CMA CSI
IFMA IIDA IMI MASLA MSPE PAM SAH SDA SLUC
SMPS ULI

C. Fill in subtotal at right **Subtotal** \$ _____

D. If you have selected Option 2 or 3 above, please indicate if you plan to attend Events 10 and 53, Keynotes with Lunch for an additional fee.

Event 10 **\$20**

Event 53 **\$20**

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 Sea Bass Vegetarian

Guest name _____

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

Chicken Sea Bass 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 Amber at 612-338-6763.

Do not fax or mail after November 7, 2006.**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 14, 2006

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

9:00 am–12:00 noon

-
- Event 1 ARE Review – PreDesign

9:00–10:30 am

-
- Event 2 Residential Solar Systems: Installation and Design Considerations (Free)
-
-
- Event 3 Young Architects in the Profession
-
-
- Event 4 Twin Cities Transportation Future
-
-
- Event 5 Feng Shui

10:45–12:00 noon

-
- Event 6 Acoustics: New Shapes, New Sounds
-
-
- Event 7 Bassett Creek Valley: Grassroots Urban Design
-
-
- Event 8 Who are the Rainmakers?
-
-
- Event 9 Transformation to a Better Energy Future

12:15–2:45 pm

-
- Event 10 Lunch and Member Congress
-
- Keynote Address: RK Stewart, FAIA

3:00–4:30 pm

-
- Event 11 Specialization, Integration and Sustainability
-
-
- Event 12 Sacred Space
-
-
- Event 13 Ethical Leadership
-
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- Event 14 Top 10 Things to Do — Building Enclosures
-
-
- Event 15 Interdisciplinary Relationships

4:30–7:00 pm

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- Event 16 Exhibit Hall (Free)

7:00–8:30 pm

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- Event 17 Keynote Address, Will Bruder — From Sidewalk to Skyline — Reinventing the 21st Century American City

Wednesday, November 15, 2006

Choose only one seminar for each time period.

8:30–10:00 am

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- Event 18 Elevator Code in Practice: Minneapolis Central Library
-
-
- Event 19 Improving Our Practice Through Design-Based Research
-
-
- Event 20 Renewable Energy Systems for Commercial Buildings (Free)

-
- Event 21 The Emerging Architects Dilemma

10:15–11:30 am

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- Event 22 Rural Design and UMore Park
-
-
- Event 23 Art and Healing
-
-
- Event 24 The Barefoot Home and The New Informality
-
-
- Event 25 The Next Architect
-
-
- Event 26 Roofing Solutions

11:15 am–2:30 pm

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- Event 27 Exhibit Hall (Free)

2:30–4:00 pm

-
- Event 28 Keynote Address, Timothy Beatley — Green Urbanism: The Role of Cities in Advancing Sustainability

3:45–6:00 pm

-
- Event 29 Exhibit Hall (Free)

Thursday, November 16, 2006

Choose only one seminar for each time period.

8:30–9:30 am

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- Event 30 Explore the Issues that Shape Architectural Practice (Free)

60 Minutes Free

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- Event 31 Means & Methods — Unpredictable Without the Skilled Trades (Free)

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- Event 32 Mentoring for the Future! (Free)

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- Event 33 Minnesota Green Communities for Affordable Housing (Free)

9:45–11:00 am

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- Event 34 Light Orchestration: Integrating Electric Lighting and Fabric

-
- Event 35 Traveling into the 21st Century along the Central Corridor with LRT

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- Event 36 Change Design

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- Event 37 Masonry Restoration: New Materials and Methods

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- Event 38 LEED for Homes: Getting Ready

10:45 am–2:00 pm

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- Event 39 Exhibit Hall (Free)

2:00–3:30 pm

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- Event 40 Keynote Address — Jurors Show and Tell

3:45–5:00 pm

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- Event 41 Honor Awards Announced! (Free)

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- Event 42 Speech Intelligibility and Design: Best Practices and Strategies to Avoid Liability

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- Event 43 Using Electronic Documents during Construction

5:00–6:30 pm

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- Event 44 Member Reception (Free)

Friday, November 17, 2006

Choose only one seminar for each time period.

8:30–10:00 am

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- Event 45 Livable Campus Communities

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- Event 46 Renewal: Sustaining the Building Stock

-
- Event 47 Applying the Newly Revised Minnesota Sustainable Building (B3) Guidelines

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- Event 48 Interior Environmental Quality: An Evidence-Based Approach

10:15–11:45 am

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- Event 49 Who Wants to be an Architect? Playing the ARE Jeopardy Game (Free)

-
- Event 50 Cash or Credit: Comparing Utility Incentive Programs With LEED®

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- Event 51 The Nature of Lustrous Materials

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- Event 52 Integrated Practice — the AIA National Initiative

12:00 noon–2:00 pm

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- Event 53 Keynote and Lunch, Steven Snyder — Mastering Your Mind for Peak Creativity & Performance

Friday, December 1, 20066:00–11:00 pm Event 54 Awards Celebration**Cancellation/Refund Policy:**

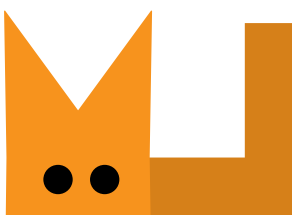
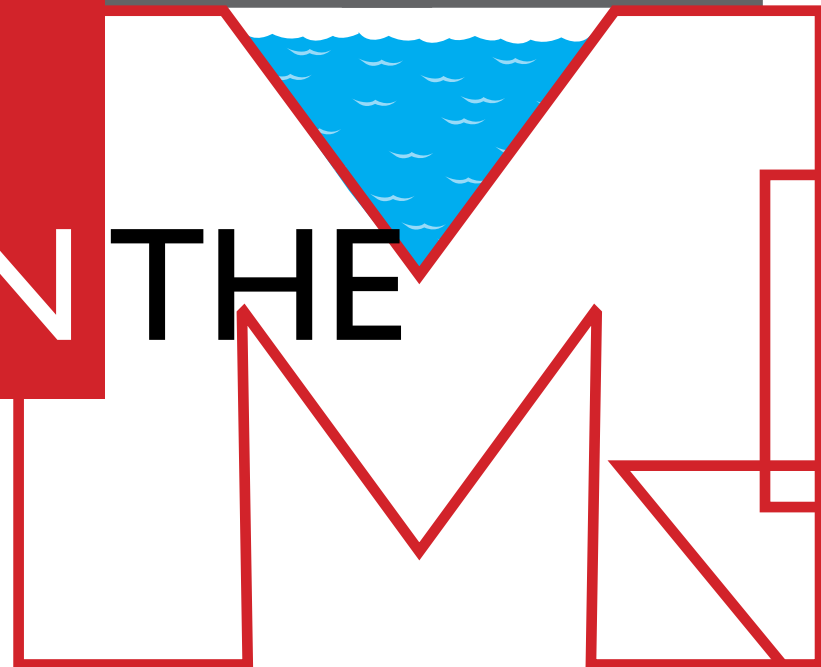
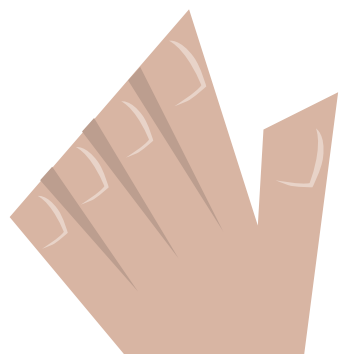
Cancellation requests in writing must be received on or before November 7, 2006. Please mail or fax your request to:

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

There is a \$35 cancellation fee. Refunds (minus the cancellation fee) will be processed via your method of payment. No refunds will be offered after November 7, 2006. Questions? Contact Amber at AIA Minnesota, 612-338-6763 or by e-mail, allardyce@aia-mn.org.

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