## AIA NEBRASKA FALL CONFERENCE GREENING SPACES 2007

OCT. 17-18, EMBASSY SUITES, LINCOLN

Embassy Suites Hotel and Convention Center • 1040 P Street • Lincoln, NE 68508 402/474-1111 • www.hilton.com

Register on-line at www.aiane.org or call 402/472.1456

To be environmentally sensitive, AIA Nebraska requests that you consider green options such as: carpooling, recycling, and registering on-line.







AIA NEBRASKA



Conference qualifies for Continuing Education Units under the AIA/CES

### SCHEDULE OF EVENTS

## Wednesday, October 17

Flatwater LEED Seminar: Lessons Learned

3.5 HSW - Provided by USGBC Flatwater Chapter



The Flatwater Chapter of the U.S. Green Building Council presents an examination of the Leadership in Energy and Environmental Design (LEED) as applied to a series of regional completed work by local experts and professionals. The program will provide an overview of the LEED credits, with special focus on Sustainable Sites, Energy & Atmosphere and Indoor Air Quality as well as the necessary technical expertise for Green Specifications, Greening Your Office and become a LEED Accredited Professional.

8:00 - 8:30 AM Registration / BIG RED! Breakfast

Regency Suite, Nebraska Student Union 200 Nebraska Union, Lincoln, NE 68588-0452

Session 1:Basics of LEED

8:30 - 8:45 AM Welcome and LEED Intro

Chris Houston & Tim Hemsath, Chair & Vice-Chair Flatwater Chapter

8:45 - 9:30 AM IAQ, Energy & Atmosphere - St. Francis Indian School - DLR

Sarah Richardson, Specialized Products

9:30 – 10:15 AM LEED Platinum Case-Study, Banner Bank Building

Mona Eigbrett, HDR

10:15 - 10:30 AM Coffee Break

Session 2: Being GREEN

10:30 – 11:15 AM Becoming a LEED Accredited Professional

Mona Eigbrett, HDR

11:15 AM - 12:00 PM Green Specifications

Bruce Maine, HDR

12:00 - 12:30 PM Greening Your Office

Nicolette Amundson, BVH & Tarna Kidder, Kiewit Construction

12:30 - 12:45 PM Closing Comments



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## SCHEDULE OF EVENTS (CONT.)

2:00 - 4:00 PM International Quilt Study Center Tour (2 HSW)

University of Nebraska East Campus - 1523 North 33rd Street Lincoln, NE 68583-0838

The International Quilt Study Center provides a dramatic setting for the study and display of quilts and a signature gateway to the East Campus of the University of Nebraska, Lincoln. It at once forms an immediately recognizable symbol for the Center and provides an architectural focal point for the campus. The Center is on course to become the first University of Nebraska building to earn LEED Silver Certification.

The Center itself is a compact three-story building combining simply massed Anamosa limestone-clad volumes housing the galleries and their support with a bowed glazed façade composed of glass panels "stitched together" to create a large-scale pattern suggesting the activity within. The entrance lobby provides access to restrooms, gift shop, ticketing, the orientation room, and to the education seminar room beyond. A curved stepped ramp runs the length of the east façade, gently leading visitors to the dramatically shaped second-floor reception hall, a grand, light-filled space overlooking the landscaped forecourt and the East Campus beyond, and providing access to three interconnected galleries. The reception hall and the galleries are joined by a screen-walled interstitial space that allows for separate events in each room. Layers of enclosure, using fritted glass and metal mesh screen, damp down the brightness as visitors approach the galleries; the sequence of the public circulation to the reception hall and galleries is a journey from daylight to the controlled light of the exhibits.



### 4:30 - 5:30 PM Hyde Lecture Series Presentation (1 HSW)

Ross Theatre, 313 North 13th, Lincoln, NE 68588-0253

Sponsored by UNL College of Architecture, Hyde Lecture

#### Vincent James, FAIA, Vincent James Associates Architects www.vjaa.com

Vincent James is founding principal of VJAArchitects. VJAA is a fifteen-person firm with a focus on designing innovative, highly crafted buildings. The office has received ten national design awards within the past eight years, including six Progressive Architecture Awards and two National American Institute of Architects Honor Awards. In 2001, the firm received the Award in Architecture from the American Academy of Arts and Letters. The work of VJAA is the subject of a recent monograph published by Princeton Architectural Press in 2007.

Vincent is currently an Adjunct Professor at Harvard University's Graduate School of Design where he has taught design in the Department of Architecture since 2000. Prior to teaching at Harvard, Vincent was appointed the Favrot Visiting Chair in Architecture at Tulane School of Architecture in 1998 and 1999. Vincent has also taught at the University of Minnesota and the University of Wisconsin/Milwaukee where he received his graduate degree in Architecture in 1978.

Lincoln has earned a reputation as one of the Midwest's most beloved cities. Home to fine culinary and artistic treasures; a budding live music scene; breathtaking architecture and a friendly Midwestern attitude, Lincoln offers the exhilaration of a big city and the serenity of the countryside all in one place.



Vincent James, FAIA Jury Chair

## HOTEL **ACCOMMODATIONS**

Embassy Suites Hotel, 1040 P Street, Lincoln, Nebraska, 402/474-1111, www.hilton.com Reservations must be made under AIA Nebraska to receive rate of \$129 / double + tax. Reservation Deadline Monday, September 26, 2007.

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#### SCHEDULE OF EVENTS (CONT.)

5:00 - 6:00 PM Sawmill Redevelopment Tour (1 HSW)

Meet at BVH, 440 N 8th Street, Suite 100, Lincoln, NE 68508

This tour and discussion will focus on the former Central Plains Millwork complex located at 8th and S street in Lincoln's Historic Haymarket District. This abandoned historical industrial building was recently reclaimed as a mixed use development by WRK Inc of Lincoln. The development now houses BVH Architects, Weitz Construction, WRK, Inc, Senator Ben Nelson and Bread and Cup-a deli/restaurant. LEED certification is pending. The tour will focus on the redevelopment process and design challenges of the project along with the sustainable elements incorporated into the solution. The project team will all be present to discuss these and other issues facing sustainable redevelopment.



Meet at BVH, 440 N 8th Street, Suite 100, Lincoln, NE 68508

The former Central Plains Millwork complex is located at 8th and S street in Lincoln's Historic Haymarket District. This abandoned historical industrial building was recently reclaimed as a mixed use development by WRK Inc of Lincoln. (See Sawmill Redevelopment Tour for additional information).

Sponsored by Standard Digital Imaging

## Critique of AIA Nebraska Design Entries

Jury Chair, Vincent James, FAIA, Vincent James Associates Architects, Minneapolis, MN

### Thursday, October 18

7:00 AM Registration/Exhibit Interaction/Continental Breakfast

Embassy Suites Hotel and Convention Center, 1040 P Street, Lincoln Breakfast sponsor Nebraska Concrete and Aggregates Association

8:00 - 9:00AM Welcome - Mayor Chris Beutler, City of Lincoln

**Opening Session** 

**Becoming Native to Place: The Opportunity for Architects** (1.0 LU) Kira Gould, Associate AIA, William McDonough + Partners

9:00 - 10:00AM Exhibitor Interaction

10:00 - 11:30AM Educational Session 1

11:30AM - 12:15PM Lunch/Exhibitor Interaction

12:15PM Prize Drawing in Regents Ballroom A/B, Exhibit Hall

You must be present to be eligible.

12:30 PM Luncheon

1:30 - 2:00PM AIA Nebraska Annual Membership Meeting

2:00PM Exhibitors Disassemble

2:15 - 3:45PM Educational Session 2

4:00 - 5:30PM Educational Session 3



Sawmill Building Redevelopment





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## SCHEDULE OF EVENTS (CONT.)

**Excellence in Design Banquet / Social Hour** Talent Plus, 1Talent Plus Way, Lincoln, Nebraska 68506-5987

Talent Plus: A Reflection of a Company Built on Transparency, Teamwork and Talent

The design of the Talent Plus headquarters is an architectural rendering of the heart and soul of the company. The spirit of the business and its inner relationships is reflected through the simplicity of the building's clear exterior and interior walls. The building was designed to promote interaction and communication consistent with Talent Plus' Mission, Vision and Values.



Talent Plus

7:30PM

**Dinner / Presentation of Awards** 

Master of Ceremonies, David Landis Design Awards winners will be presented by Vincent James, FAIA, Vincent James Associates Architects

## KEY PRESENTERS

## KIRA GOULD, ASSOCIATE AIA

William McDonough + Partners

Becoming Native to Place: The Opportunity for Architects (1.0 LU)

In the 1980s, when Bill McDonough suggested that a developer plant trees to offset the use of fossil fuels, it was a radical idea (and joke-worthy of a New Yorker cartoon). Today, it's commonplace. As the American sustainable design movement matures, what is the role of the architect and the profession? A look at William McDonough + Partners will explore the role of an early innovator and his firm over time. We'll also consider the role of the AIA Committee on the Environment, the USGBC, and other groups. All architects and firms can be advocates for change in policy, business, and education. Architects face a tremendous leadership opportunity; their relevance and effectiveness depend on systems thinking, communication, collaboration, and diversity.

Kira Gould, Assoc. AIA, LEED® AP, is Director of Communications with William McDonough + Partners, a leader since the 1980s in design inspired by Cradle to Cradle thinking—that emulates natural systems, envisions a solar-powered world, celebrates diversity, and anticipates design evolution. Before joining McDonough's firm, she worked with Gould Evans, a large multi-disciplinary design firm co-founded by her father in 1974. She has written for GreenSource, Architectural Record, The Boston Globe, and other publications, including Metropolis, where she served as managing editor. She is the 2007 chair of the American Institute of Architects Committee on the Environment (COTE) and was co-author of Ecology and Design (AIA, 2006), a COTE report about ecological literacy and architecture education. She has organized COTE's workshop series, Biomimicry for a Sustainable Built Environment, taught by the Biomimicry Guild at AIA chapters around the country.



Kira Gould, Associate AIA



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## DESIGN + TECHNOLOGY

Displays emphasizing sustainability will be on site to stimulate your imagination. Exhibitors will demonstrate new technologies, products, materials and services that may solve issues and broaden your creative horizons for future designs.

## **SESSIONS**

## **SESSION ONE** 10:00 - 11:30AM

High Performance Buildings: Energy Savings Without Added Construction Cost (1.5 HSW)

A high performance building is a building that enhances occupant performance; is environmentally friendly; is energy efficient; and costs less to build, maintain and operate. This presentation addresses specific building design & construction strategies to accomplish these objectives. The discussion will also address life-cycle costing and the importance of early involvement of the engineering disciplines in the design process.

Steve R. Laughlin, AIA, LEED, Leo A Daly, Omaha. Nebraska

Innovation in Architectural Education & Practice (1.5 LU)

Innovation in architectural education is being impacted by rapidly emerging environmental and technological issues of global change, sustainability, imbedded intelligence, interoperability of digital systems, integrated practice and international opportunities for regional and sustainable development. The session will explore the responsibilities, realities and opportunities for innovation in architectural education for the twenty first century.

R. Wayne Drummond, FAIA, Dean, College of Architecture, University of Nebraska-Lincoln

## Green Roofs + Engineered Soils (1.5 HSW)

The demand for new urban green space has generated the explosive growth of green roof projects defined by high performance turf and landscape technologies. The principles of urban agronomy and engineered soils have traditionally been overlooked in the advancement of green roof technologies. The primary focus of green roof systems has been the mitigation of weight and protection of the structure, not necessarily the functional requirements of the soils to sustain an urban landscape. Learn how most green roof systems are still defined by engineering properties rather than agronomic performance.

Jeffrey L. Bruce, FASLA, ASIC, LEED, Jeffrey L. Bruce & Company, Kansas City, Missouri

Nelson-Atkins Museum of Art: A design overview & insights into the Bloch Building (1.5 HSW)

At the heart of the Nelson-Atkins' transformation is the new Bloch Building, a significant work of contemporary architecture by Steven Holl, that is woven harmoniously into the surroundings landscape of the Kansas City Sculpture Park. The presentation, delivered by the Architect of Record, will focus on the design history of the project and highlight Holl's concept from the competition, to the design evolution, and the final outcome.

Charles S. Cassias Jr., AIA, Nelson-Atkins Museum, Architect of Record, Principal, BNIM ARCHITECTS, Kansas City, Missouri



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## SESSIONS (CONT.)

## **SESSION TWO 2:15 - 3:45PM**

Local Green: Starting a Green Building Program in Your Community (1.5 HSW)

Using the Austin Energy Green Building Program (GBP), as an example, this presentation will outline the steps for starting a local green building program. Started in 1991 as a demand side management program of Austin's community owned electric utility, the Austin GBP was the first green building program in the country. It established a rating tool to assess and evaluate the design, construction, and performance of new homes according to a set of Basic Requirements and a set of recommended green building Choice Measures for points. The program expanded to include multi-family and commercial buildings in the late 1990s. The presentation will discuss a) how new homes are rated green, b) the number and types of new homes rated, and c) the program results in terms of both energy and water savings over a fifteen year period.

Richard MacMath, AIA, LEED AP, HDR, Austin, Texas - Prior to HDR, speaker served as an architect with the Austin Energy Green Building Program.

#### The Cost of Building Green (1.5 HSW)

This session is a case study of the Johnson County Sunset Drive Office Building in Olathe, KS. It will look at how the integrated process impacted the design, construction and occupancy and the associated cost savings/premiums. The results provide telling information on the true costs of building green.

Chris DeVolder, AIA, LEED, 360 Architecture, Kansas City, Missouri

#### BIM Best Practices for the Small Firm (1.5 HSW)

This Presentation will focus on Integrated Practice and BIM by (2) small firms. Each firm will focus on the adoption process and implementation strategy for the application and use of BIM within the studio. Specific project examples will be highlighted and the collaborative effort for a current case study by each firm will be reviewed. The session will close with an examination of lessons learned and critical issues culminating with benefits gained for the firms and its clients from an Integrated Practice and BIM technology.

Todd Hesson, AlA, Encompass Architects, Lincoln, Nebraska & Tekton Architecture, San Francisco, California

## Identifying The Trends That will Affect Your Future (1.5 LU)

Environmental scanning is the acquisition and use of information about events, trends, and relationships in an organization's external environment, the knowledge of which aids management in planning the organization's future course of action. In its broadest sense it encompasses all those activities which the organization uses, formally and informally, to keep abreast of changes in the external environment. It is useful in identifying significant trends and issues with the potential to impact the future of the profession, the industry and the organization. In this workshop, attendees will learn about the power of environmental scanning to support strategic planning. The presentation will address how the outputs of the scan can be used to establish metrics for the goals and strategies in an organization's strategic plan. The presentation will include an overview of trends identified in the 2007 AIA Environmental Scan.

Karen L. Davis, Senior Director, Strategic Planning, AIA National Component, Washington, DC



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## SESSIONS (CONT.)

## SESSION THREE 4:00 - 5:30PM

High Concepts on the High Plains: The HUD PATH Concept House, a national demonstration project in your backyard (1.5 HSW)

Nebraska's first LEED for Homes Certified house has a lot more going for it than green building techniques, the PATH Concept House also includes revolutionary design concepts in floor plan flexibility and construction efficiency. Learn about prefabricated ICF foundations; panelized wall and floor systems; soy-based insulation; wireless switches and movable walls. The house is also equipped with a graywater system that filters and sterilizes drain water from sinks and showers before sending it to the clothes washer and toilets.

Fernando Pages, Brighton Construction Company, Lincoln, Nebraska

## Bridging the Gap – Framework for collaboration and data sharing of Virtual Building Model (1.5 HSW)

The expanding use of Virtual Building Software by the Design and Construction team requires communication with the team earlier in the Design process. Now with the wider acceptance of the 3D BIM process by all, it is important to establish standards and methods of sharing the 3D model so that the entire team can use the data contained within the model through out the design/build process. This session will present an overview of the problems that occur by not establishing "rules of engagement" at the beginning of collaborative integrated design process using a 3D Virtual Building model. Using Weitz projects, he will present examples of the evolving best practices of project collaboration among all key stake holders. He will discuss the new National CAD standards and the AIA document C106 – 2007 and how they are intended to facilitate sharing the digital data. The speaker will also present an overview of the Contractor's view of the Virtual Building approach to project delivery - including the software programs that facilitate team communication and collaboration.

Bruce Cousins AIA, senior manager of virtual design and construction, Weitz Company, Denver, Colorado.

#### New Exemptions to Rules & Regulations (1.5 HSW)

Nebraska Board of Engineers and Architects has passed new Rules and Regulations this summer with major changes to Exemptions (those buildings that do not, and those buildings that do, require the services of architects). Changes in other sections that will be discussed include IDP and the ARE. The board will also provide an overview of the new exam format, ARE 4.0, launching in July 2008.

Board Members: Mark Champion, AIA, Tom Laging, FAIA and Executive Director, Melinda Pearson, AIA

## Design Standards Shaping Nebraska (1.5 HSW)

Design standards are shaping Nebraska communities for the better. Omaha City Council adopted a package of zoning code revisions intended to make Omaha greener, make neighborhoods more cohesive, commercial buildings more attractive and foster mixed-use developments that combine residential, retail and work spaces. 2015 Vision Group in Lincoln is committed to enhancing the City of Lincoln's quality of life and has identified 10 Pillars to Lincoln's future. Speakers will offer challenges and successes in improving their communities and discuss how architects can take a leading role with this process.

Omaha by Design & 2015 Vision Group

## Duncan Home and Sculpture Garden 4:15 – 5:45PM (1.5 HSW)

Karen and Robert Duncans' home was designed by Londonbased, Greek architect Dimitri Porphyrios. Bahr Vermeer Haecker Architects, of Lincoln, were the Architects of Record. In 2004, BVH received an AIA Nebraska Honor Award for New Construction of the Duncan residence. Since its completion in 2002, the Duncans have visited museums, international expositions, galleries and artists' studios across the globe, selecting art for the interior and their 40-acre sculpture garden. Arts & Antiques Magazine counts the Duncan collection, much of which is displayed at their Lincoln home, among the top 100 in the nation. The collection is diverse, but areas of particular interest are figurative art, contemporary Asian art, basketry, sculpture and new media. The couple relishes opportunities to meet artists whose works they own, and to learn more about their motivations and creative processes.

Robert Duncan recently retired as Chairman of Duncan Aviation, one of the world's largest business aviation sales and service organizations. Both Robert and Karen are active advocates for the arts and serve on such boards as the International Sculpture Center, Bemis Center for Contemporary Art, Nebraska Art Association and Mid-America Arts Alliance.



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# TO CREATE ONE'S OWN WORLD IN ANY OF THE ARTS TAKES COURAGE.

- Georgia O'Keeffe

## **ART X ARCHITECTS**

## **20TH ANNUAL EXHIBIT**

Art x Architects is an opportunity for architects & associates to showcase their creative artistic talents, whether it was developed for a client or purely for pleasure. The art work will be on display at the AIA Nebraska Conference.

## **JURY MEMBERS**

**Douglas Campbell** grew up in Omaha. Graduated from Washington University in St. Louis. Worked 17 years for State Department of Health before owning a shipping business for 10 years. Over past 30 years collected art, primarily from Nebraska artists. Currently a member of the Boards of the Nebraska Art Association, Lux Center for the Arts, and Spring Creek Prairie Audubon Center. Past President of MEDICI, support organization for the UNL Department of Art and Art History.

Sharon Kennedy is the interim curator at the Sheldon Memorial Art Gallery on the University of Nebraska-Lincoln campus. She also directs the Statewide Arts Connection project and coordinates the Sheldon Statewide traveling art program for the museum. Sharon earned a Master of Arts Degree from UNL in Museum Studies, with an emphasis in Art History. Her thesis topic was Early Nebraska Women Artists 1880-1950. She later curated an exhibition with the same title, has given lectures on the subject and is currently publishing an article for the Nebraska History Magazine. Sharon collects art and visits museums and galleries at every opportunity.

Anne Pagel has been active in the Lincoln's arts community for more than two decades. She currently serves as curatorial assistant to Karen and Robert Duncan and is a contract writer for L Magazine. Previously, she was director of the Haydon Art Gallery, arts editor for Nebraska StatePaper.com and project director for the Lincoln Arts Council. She serves on the boards of MEDICI, which supports the UNL Department of Art and Art History, and Lux Center for the Arts.

## SUGGESTED MEDIUMS

Pencil, Pen & Ink, Water Color, Photography, Architectural Sketches, 3-Dimensional Models, Built Work, Models, Furniture, Sculpture, Renderings, Graphic Design, Accessories

Fee: \$20/ entry or \$35/ entry non-member

Required: A CD containing (2) images of entry as a .jpg at 300 dpi with a final image size of 5 x 7 inches.

## **ELIGIBILITY**

Entries may be submitted by all Registered Architects, Interns, Associate Architects (members and non-members)

## **AWARDS**

The art is judged as a whole exhibit. Gold, Silver and Honorable Mention awards may be presented at the AIA Nebraska Excellence in Design Banquet on Thursday, October 18, 2007, 6:30 pm at Talent +, 1 Talent Plus Way, Lincoln.

## **DEADLINES**

Tuesday, October 5, 2007
Submission of Entry Registration and Payment

Wednesday, October 17 between 2:30 – 3:30 pm Submission of Entries due to Embassy Suites Lincoln, Regents A/B Exhibit Hall

Delivery of Entries: (prior to October 17)

Omaha – Leo A Daly, 8600 Indian Hills Drive 402.391.8111

Martin Lane, AIA, melane@leoadaly.com

Lincoln – BVH Architects, 440 N 8th Street, Suite 100 402.475.4551

Cleve Reeves, AIA, creeves@bvh.com

## PICK UP OF ENTRIES

All entries must be picked up between 2:30 – 5:00 p.m. on Thursday, October 18, Regents A/B Exhibit Hall, Embassy Suites Lincoln or alternative arrangements must be made directly with AIA Nebraska.

### RESPONSIBILITY

AIA Nebraska is not responsible for loss or damage of entries. Shipping and handling costs are the owners responsibility.



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## Registration is available on-line at www.aiane.org

Add \$25.00 if received after deadline, October 5, 2007. Registrations will not be refunded after October 5, 2007.

## **CONFERENCE**

\$130 AIA Members

\$50 AIA Associates\$260 Non-AIA Members

\$25 Students

October 17

Welcome Reception

\$20 (1 complimentary ticket with registration

\$20 for additional guest)

October 18

**Additional Guest Lunch Ticket** 

(1 complimentary ticket with registration

\$25 for additional guest)

\$70 Design Awards banquet

## **TOURS**

October 17

\$10 International Quilt Center

\$10 Sawmill Building

October 18

\$10 Duncan Residence

(limited to the first 30 people)

### ART X ARCHITECTS

\$20 Member

\$35 Non-Member

## FLATWATER LEED SEMINAR: LESSONS LEARNED

General admission
General admission
General admission

\$30 Flatwater members \$25 Students or

Free Flatwater EGB members

University of Nebraska-Lincoln Nebraska Student Union Regency Room, Suite 200

October 17

8:30 am - 12:30 pm

