

# Focus

## Sustainable Design Lessons Learned

AIA Chicago

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# FOCUS

April 2003

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A Chapter of The American Institute of Architects

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**Prompt Portfolio Reviews**

Thurs., April 3 6:00 to 8:00 p.m.  
 Defined Space  
 1474 W Hubbard St., 2nd Floor  
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Architects including Carol Ross Barney, FAIA; Marshal Strabala, AIA; and Donald McKay, AIA will help you define your work through graphic representation. Your portfolio will be reviewed and discussed with three of 12 mentors in a round-robin format. Limit 40 participants. 1 LU

**The ARE and Licensing in Illinois**

Tues., April 8 6:00 p.m.  
 Chicago Architecture Foundation  
 224 S. Michigan Ave.  
 Sponsor: Young Architects PIA



A program designed for IDP participants nearing completion of their internships and firm intern/associate coordinators. Learn how to register for the Architectural Registration Examination and how to become a licensed architect. Speakers will be Stephen Nutt, AIA, National Council of Architectural Registration Boards; James Lev, AIA, Illinois Architectural Licensing Board; and Frank Heitzman, AIA, IDP Coordinator for AIA Chicago. Free for AIA members; \$5 nonmembers (can be applied towards an AIA membership; details at event). 1.5 LU

**Adler for Architects**

Tues., April 8 6:00 p.m.  
 Art Institute of Chicago  
 Morton Auditorium  
 Sponsor: Housing PIA



“David Adler, Architect: The Elements of Style” is now on exhibit at The Art Institute of Chicago. Adler, known for his eclectic style and meticulous details, designed numerous residences for the wealthy during a career spanning from 1911 to 1949.

**Design Excellence Awards: Is It Your Intent to Enter?**

It's not too late! The deadline for filing an Intent to Enter this year's Design Excellence Awards is April 3. The call for entries was included in the February issue of *Focus*. If you need another copy, contact AIA Chicago at 312/670-7770.

Lawrence Booth, FAIA, who designed the exhibition and whose firm, Booth Hansen Associates, restored Adler's Shore Acres Country Club, will speak along with Martha Thorne, associate curator and editor of the exhibit catalog. 1.5 LU

**Agriculture and Urbanism in Northern Illinois**

Wed., April 9 12:00 noon  
 AIA Chicago  
 Sponsor: Planning & Urban Affairs PIA



Agriculture is a key industry in Illinois, even in the metropolitan region. Samuel Funk, economic and natural resources analyst with the Illinois Farm Bureau, will discuss the consequences of unrestrained development of farmland. Bring your lunch; beverages provided. 1 LU/HSW

**Emerging Technology Trends**

Wed., April 9 5:30 p.m.  
 AIA Chicago  
 Sponsor: Corporate Architects PIA



What do we need to know beyond voice, data and cabling? Learn about the latest trends affecting today's businesses from CS Technology, a consultant for the new ABN AMRO Plaza. 1.5 LU/HSW

Continued on page 4

**Sign Me Up!**

- 4/3 Prompt Portfolio Reviews
- 4/8 The ARE and Licensing in Illinois
- 4/8 Adler for Architects
- 4/9 Agriculture and Urbanism
- 4/9 Emerging Technology Trends
- 4/10 Historic Preservation Institute
- 4/10 Tour: Soldier Field
- 4/15 Parking, Public Transportation and the Central Area Plan
- 4/17 Lighting Design
- 4/22 Sustainable Stories
- 4/26 Rebuilding Together of Metro Chicago
- 4/30 Design for Alternative Medicine

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All programs listed above are free or as noted for AIA Chicago members. Non-members will be charged \$10 per program or as noted.

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■ **Historic Preservation Institute and Frank Lloyd Wright Initiative**



*Thurs., April 10, 12:00 noon*  
*AIA Chicago*  
*Sponsor: Historic Resources PIA*

The University of Wisconsin at Milwaukee's Historic Preservation Institute was founded to focus on the preservation of Wisconsin's historic buildings. Under the Wright Initiative, UWM and others are working to preserve and rehabilitate a block of Wright's American System-Built homes in Milwaukee. Research associate Matthew Jarosz will present. Bring your lunch; beverages provided. 1 LU/HSW

■ **Tour: Soldier Field**



*Thurs., April 10*  
*4:30 to 5:30 p.m.*  
*Soldier Field (meet at south end of stadium at security trailer off Waldron Drive)*  
*Sponsor: Design PIA*

Joe Dolinar, AIA (Lohan Caprile Goettsch) and Tony Montalto (Wood + Zapata) will lead a tour of this complex project. Attendance strictly limited to 30 AIA Chicago members. Pre-registration is required as special instructions will be sent to each participant. 1 LU/HSW

■ **New Members Breakfast**

*Fri., April 11, 7:45 a.m.; AIA Chicago*  
*Sponsor: AIA Chicago*

The Board of Directors and staff preview upcoming activities and answer questions. RSVP to 312/670-7770 by April 9.

■ **Parking, Public Transportation and the Central Area Plan**



*Tues., April 15, 6:00 p.m.*  
*I-Space Gallery, 230 W. Superior St.*  
*Sponsor: Design PIA*

What does the new Central Area Plan say about transportation and cars? Chicago Architecture Club, Friends of Downtown and

**PIA Spotlight**

**Environment PIA**

*Chair:*  
*Susan King, AIA*  
*sking@environ-inc.com*

*Co-Chair:*  
*Amy Coffman Phillips, Assoc. AIA;*  
*coffman@voa.com*

On January 25, the Environment PIA and the City of Chicago Department of the Environment (DOE) co-sponsored a day-long Urban Agriculture Charrette at the Chicago Center for Green Technology. DOE Commissioner Marcia Jimenez opened the workshop by presenting the City's commitment to the concepts of urban agriculture. Suzanne Malec then introduced six speakers from various organizations such as the Openlands

Project and the Chicago Resource Center who made brief presentations on their groups' work. The 25 AIA participants broke up into small groups to tackle three design problems: creating a community garden on the rooftop of a five-story apartment building; designing a prototype garden for a 25-foot by 125-foot vacant lot; and landscaping a community garden on the property of the Raber House on the southwest side. The resulting sketches were presented to the City for incorporation into future plans.

**Architecture for Health PIA**

*Chair:*  
*Enrique Unanue, AIA*  
*unanue@springnet1.com*

*Co-Chair:*  
*Victoria Navarro, Assoc. AIA*  
*vnavarro@voa.com*

The mission of the Architecture for Health PIA is to help prepare

design and health care professionals for the changes in approach, planning, design, execution, activation, and operation of the healthcare environment of the future. That future includes a continuum of care fusing technology, medicine, science, and healing into a holistic approach.

This year the PIA will explore the increasing role of complementary and alternative medicines. Through a series of eight interactive learning sessions that include events by leading healthcare professionals, planners and designers and site tours, the PIA will investigate how integrative medicine and an environment supportive of a holistic approach — treating the mind, body, and spirit — can achieve effective outcomes.

The first event is April 30. Visit [www.aiachicago.org](http://www.aiachicago.org) for details. Nonmembers: \$15/program or \$100 for the series.



**AIA National Convention  
San Diego, CA May 8 – 10**



For details about the AIA 2003 Convention and Expo, visit [www.aia.org](http://www.aia.org) or call 800/242-3837.

the Design PIA are co-sponsoring a competition on this critical issue. Details at [www.chicagoarchitectureclub.org](http://www.chicagoarchitectureclub.org). 1 LU/HSW

■ **Lighting Design**

*Thurs., April 17, 12:00 noon  
Chicago Bar Association  
321 S. Plymouth Court  
Sponsor: Technical Issues PIA*



This presentation will focus on the process of lighting design and the collaboration between architects and lighting professionals. Jim Baney, IALD, LC, principal of Schuler & Shook Inc., and Emily Klingensmith, LC, senior designer at Schuler & Shook Inc., will present. Bring

your lunch or purchase a lunch ticket for \$11 in the CBA shop on the first floor, then proceed to the cafeteria and assigned meeting room on the third floor. 1 LU/HSW

■ **Sustainable Stories**

*Tues., April 22, 5:30 p.m.  
AIA Chicago  
Sponsor: Environment PIA*

Share recent experiences with practicing sustainable architecture. Future plans for the PIA will also be reviewed at this roundtable discussion and planning session.

■ **Rebuilding Together of Metro Chicago**



*Sat., April 26  
7:00 a.m. to 4:00 p.m.  
Meet bus at Olive-Harvey College  
10001 S. Woodlawn Ave., 7:00 a.m. sharp  
Sponsor: Young Architects PIA*

Each year, Rebuilding Together selects a different neighborhood in which to provide free home repairs for elderly, disabled or low-income individuals. Each volunteer is asked to donate \$25 to cover transportation, lunch, a t-shirt and liability insurance. More information at [www.rebuildingtogether-chi.com](http://www.rebuildingtogether-chi.com). Questions: Holly Coulter, Assoc. AIA, [hollyjcoulter@yahoo.com](mailto:hollyjcoulter@yahoo.com). Limit 25.

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■ **Design Principles for Alternative Medicine**



*Wed., April 30, 5:30 p.m.  
OWP/P, 111 W. Washington St.  
21st floor  
Sponsor: Health PIA*

An eight-part series of programs (see PIA Spotlight, page 4) will explore current trends in alternative medicine and help you understand their design goals. Victoria Stone will set the stage for the series by defining these new approaches. Nonmembers: \$15 or \$100 for the series. 1.5 LU/HSW



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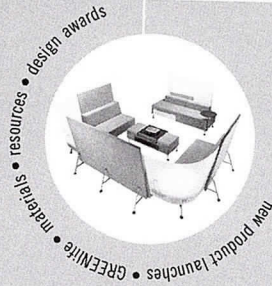
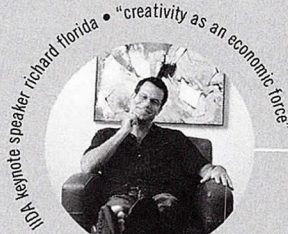
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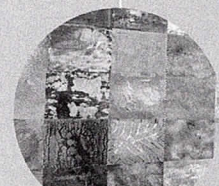
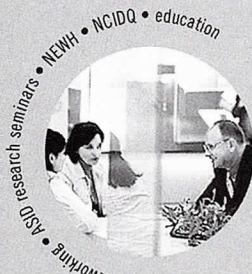
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## The Rules Must Change



To sustain a healthy environment into the future, the rules must change. Architects, owners, developers, legislators and manufacturers must take a longer view of the impact our designs have on the future.

Let's lead, not follow.

It is amazing how we continue to be foreshadowed by our European contemporaries on sound environmental planning and design, and justify it by saying it is due to their higher energy costs. Even building owners in large Chinese cities are starting to realize that for long-term vitality they must clean up their coal-soot-filled skies. The old rule of thumb used in the United States for energy efficient systems — “the payback for the cost of this must be within five years”— will not support a healthy environment for the next generation. Change will ultimately come when owners and tenants demand a building that is superior to work in as a result of sound planning, daylighting, and quality ventilation through energy efficient systems.

As design professionals, we should not wait until it is dictated to us by owners or by codes, but should start leading the change now. If in every space or building we designed there was at least one aspect that had environmental benefits, and we advocated it, then it might start us rethinking our long-term obligations.

Mayor Daley has been criticized for his “greening of Chicago” because of the high costs of the installation and mainte-

nance of plant material. Actually, the Mayor should be complimented and supported for this policy, because the return on that investment is not today or in the next five years. It is the next generation who will benefit. Remember that Daniel Burnham's plan for our city was prepared in the early 1900s and took over 20 years to realize; today we are the benefactors of it.

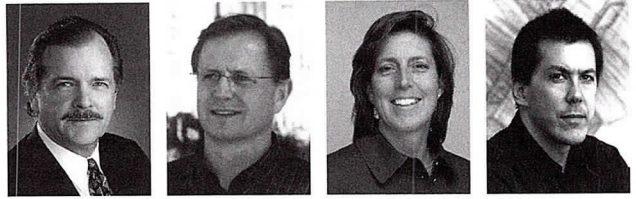
To paraphrase Winston Churchill, for a short time we have an opportunity to affect the environment we live in but what we do will affect others for decades to come. I think of this often and ask you to remember it with every line drawn.

A stylized, handwritten signature in black ink, consisting of a large, sweeping loop followed by a horizontal line that ends in a small dot.

Joseph Caprile, AIA  
President



From left to right: Anthony Belluschi, Philip Enquist, Laura Fisher and Doug Garofalo.



### Four Chicago Members Elected to College of Fellows

The AIA has named AIA Chicago members Anthony Belluschi, Philip Enquist, Laura Fisher, and Douglas Garofalo to its prestigious College of Fellows. Out of a membership of more than 70,000, there are fewer than 2,500 AIA members distinguished with the honor of fellowship. It is conferred on architects with at least 10 years of membership in the AIA who have made significant contributions to the profession.

Belluschi was recognized for his achievements in advancing the standards of architectural practice. As principal of his own firm, and now with OWP/P Belluschi Architects, he has consistently demonstrated his core belief that

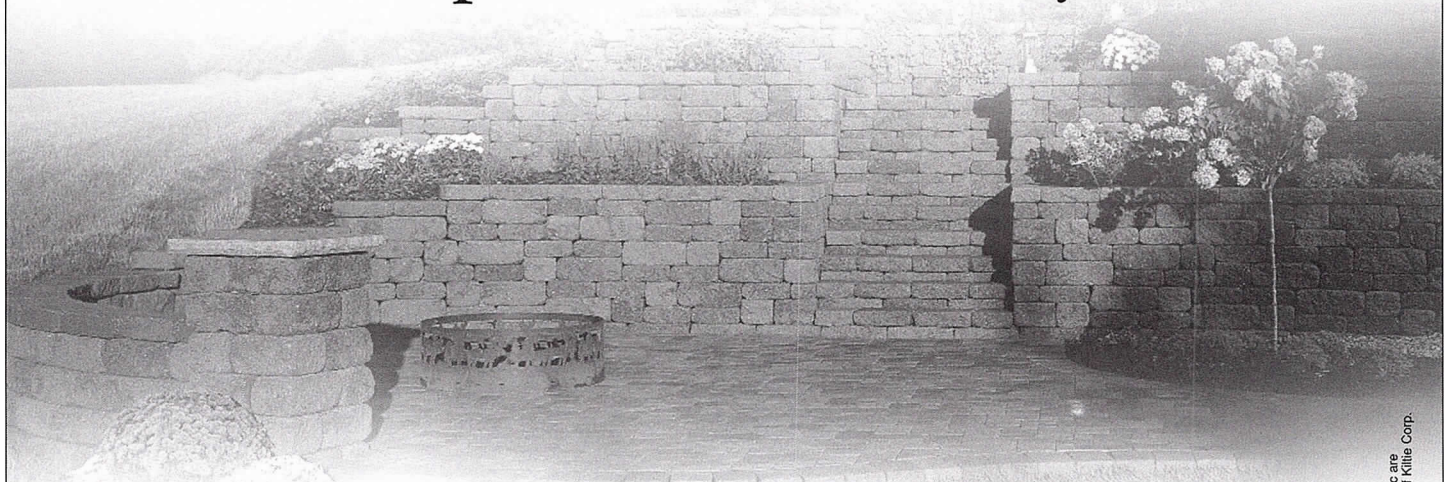
good architecture is good business. Notable projects include an office building at 550 W. Jackson, the Shops at North Bridge on Michigan Avenue, and a department store in Paris. Belluschi was recently elected chair of the board of trustees at the Rhode Island School of Design, the first alumnus and first architect ever invited to assume this leadership post.

Enquist has created and promoted "best practice" solutions that advance the art and science of urban design. He has shared these efforts with his colleagues through frequent lectures and professional journals that have national and international distribution. A partner with Skidmore, Owings & Merrill, Enquist leads the urban planning and design efforts of the firm's Chicago office. His influence as community

advocate, urban designer and architect can be seen locally, with projects that include the revitalized State Street, Millennium Park, Randolph Street, and Lakeshore East; nationally, with the master plans of 10 major universities; and internationally in places as diverse as London's Docklands and Shenzhen, China. Enquist chaired the Urban and Regional Design PIA of the AIA in 1999, after serving as co-chair and local forum chair. He has been an executive member of Mayor Daley's Landscape Advisory Committee and is on the board of The Design Futures Council.

Fisher is a corporate architect who has held upper management positions with several Fortune 100 companies. She is currently with the Pritzker Realty Group and serves on the board of directors of AIA Chicago, where she

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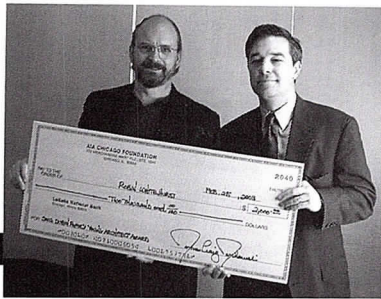
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Robin Whitehurst, AIA receives a cash prize from Jim Jankowski, AIA for the 2002 Dubin Family Young Architect Award.

chaired the Corporate Architects PIA in 2002. Through a career that merges architecture, real estate and finance, Fisher has successfully brought the corporate perspective to the profession and the AIA, and has relentlessly promoted architecture in the boardroom. She has spoken on corporate architecture issues at chapter, state and national AIA programs, with a focus on identifying areas to expand architectural services and aligning these services with corporate objectives. She has also been a strong advocate of the profession to the highest levels of corporate decision-makers. Kristine Fallon, FAIA sponsored Fisher's nomination.

Garofalo was honored in the category of advancing the standards of architectural prac-

tice. As president of Garofalo Architects as well as professor and acting director of the School of Architecture of the University of Illinois at Chicago, he has defined a new synthesis between the profession and the university. He insists that innovative building is integral to his teaching, just as academic speculation is central to his practice. In 1991, Garofalo won the Chicago Chapter AIA Young Architect Award. Later in the decade he collaborated with Greg Lynn and Michael McInturf on an adaptive reuse project for the New York Korean Presbyterian Church, which received wide acclaim for its conception and execution with digital media. Garofalo's recent work is notable for its innovative use of computer-controlled fabrication techniques and the investigation of the effects of virtual tools on actual material.

## Ellerthorpe Announces Run for AIA President

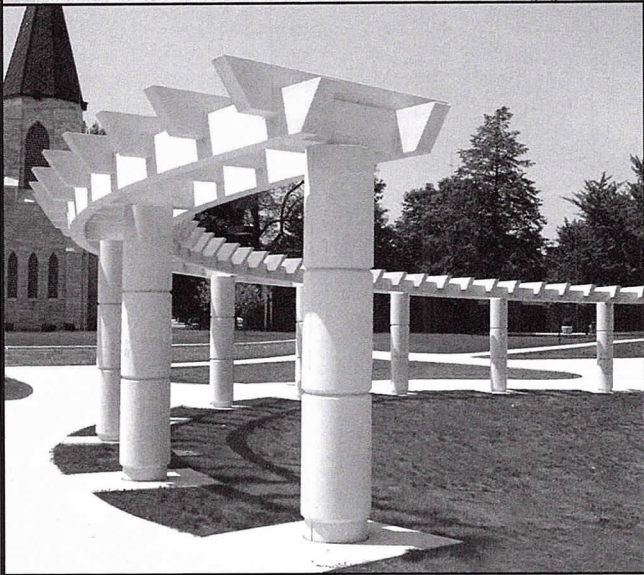
Robin Ellerthorpe, FAIA, a principal at OWP/P and director of OWP/P Consultants, announced his candidacy for president of the AIA during the AIA's Grassroots Conference in March. Ellerthorpe is the current vice president of the AIA. He was an active member of the Redefinition of the Profession Task Force (1995-97), and chaired the committee responsible for the 13th edition of the *Architect's Handbook of Professional Practice* (1997-2001). In 2002, he was the national convention chair and vice chair of the national Facility Management PIA. Locally, he co-chaired Corporate Architects PIA from 1999 to 2001.

## Dubin Family Endows Young Architect Award

In honor of his half-century of membership in the AIA, David Dubin has endowed what will now be known as the Dubin Family Young Architect Award. The award was originally established in 1981 to recognize individuals between 29 and 39 years of age who have demonstrated general excellence and exceptional promise. Candidates are recommended by established members of the architectural community, and winners are chosen by a jury of Chicago architects. Dubin's generosity now allows the AIA Chicago Foundation to award a cash prize to each year's recipient. The first beneficiary was Robin Whitehurst, AIA, the 2002 winner.


## Call for Delegates to AIA National Convention

AIA Chicago members who will be attending the AIA convention in San Diego, May 8 through 10, may serve as chapter delegates. Responsibilities include attending a short, pre-convention meeting at AIA Chicago on Tuesday, April 29 at 5:00 p.m. and the convention business meeting on May 10 from 10:00 to 11:30 a.m. Delegates are also required to vote in the national elections on May 8 or 9. Contact Alice Sinkevitch by April 15 at [sinkevitcha@aiachicago.org](mailto:sinkevitcha@aiachicago.org) or at 312/670-7770.




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## Emerging Visions Winners Honored

On February 18, 145 people attended a reception at the Knoll showroom in the Merchandise Mart to honor the winners of the Emerging Visions portfolio competition. First prize went to the team of Sarah Dunn and Martin Felsen; Matthew Kupritz and Anna Eloueni tied for second place.

The competition, sponsored by the Chicago Architecture Club, AIA Chicago's Young Architects PIA, and Knoll International, provides a forum for young designers to be recognized and to share their ideas and inventions. The three winning entries and 12 finalists' submissions were on display at Knoll until the end of February.



## Newhouse Program Seeks Firms to Sponsor Interns

The Newhouse Program, which is in its 21st year of bringing architectural education to the Chicago Public Schools, is once again seeking firms who would be willing to sponsor an intern.

Last year, 19 winners were awarded six-week summer internships at Chicago architecture, engineering and construction firms. Student interns perform a variety of jobs including



Craig Dugan © Hedrich Blessing

drafting, model-making, and clerical tasks. For more information, contact Jean Linsner, director of youth education at the Chicago Architecture Foundation, 312/922-3432, or Bill Bradford, AIA, Newhouse Internship chair, at VOA Associates, 312/554-1400.

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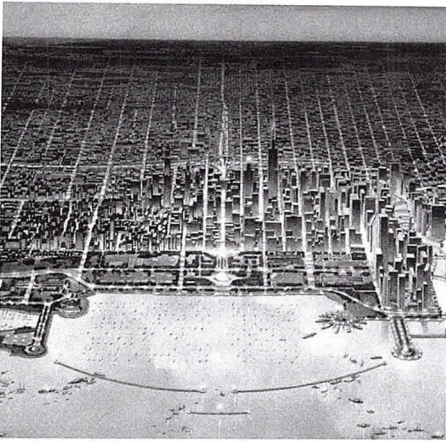
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From left to right: Emerging Visions reception; Beverly Arts Center by Wheeler Kearns; and the work of Gilbert Gorski.

## Driehaus Foundation Award Winners Announced

The 2003 Richard H. Driehaus Foundation Awards for Architectural Excellence in Community Design were presented in February under the auspices of the Chicago Neighborhood Development Awards. The awards recognize projects in the city that have made a significant contribution to the social, visual, and cultural life of Chicago's neighborhoods through their excellent designs. This

year's jury, chaired by Thomas Beeby, FAIA of Hammond Beeby Rupert Ainge, visited 12 projects from a pool of 27 entries.

First place was awarded to FitzGerald and Associates Architects, sponsored by LR Development, for the Humboldt Ridge Apartments. Wheeler Kearns Architects, in collaboration with Morris Architects/Planners, took second place for the Beverly Arts Center on the city's southwest side. This the second year in a row that Wheeler Kearns has been recognized; their design for Mather Café was a 2002 first place winner. The Rebecca Johnson Apartments in East Garfield Park by Weese Langley Weese Architects, sponsored by Deborah's Place, won third place.

## Gorski Receives AIA Award

The AIA has honored Chicagoan Gilbert Gorski as one of the recipients of the 2003 Institute Honors for Collaborative Achievement. The award, to be presented in May at the national convention in San Diego, honors exceptional contributions to the design and architecture community. Gorski is an architectural illustrator who has twice received the Hugh Ferriss Award, the highest honor given by the American Society of Architectural Perspectivists. He began his career as an architect in the office of FCL, the successor firm to the Office of Mies van der Rohe, and was a studio professor of architecture at the Illinois Institute of Technology and the School of the Art Institute of Chicago before opening his own practice.

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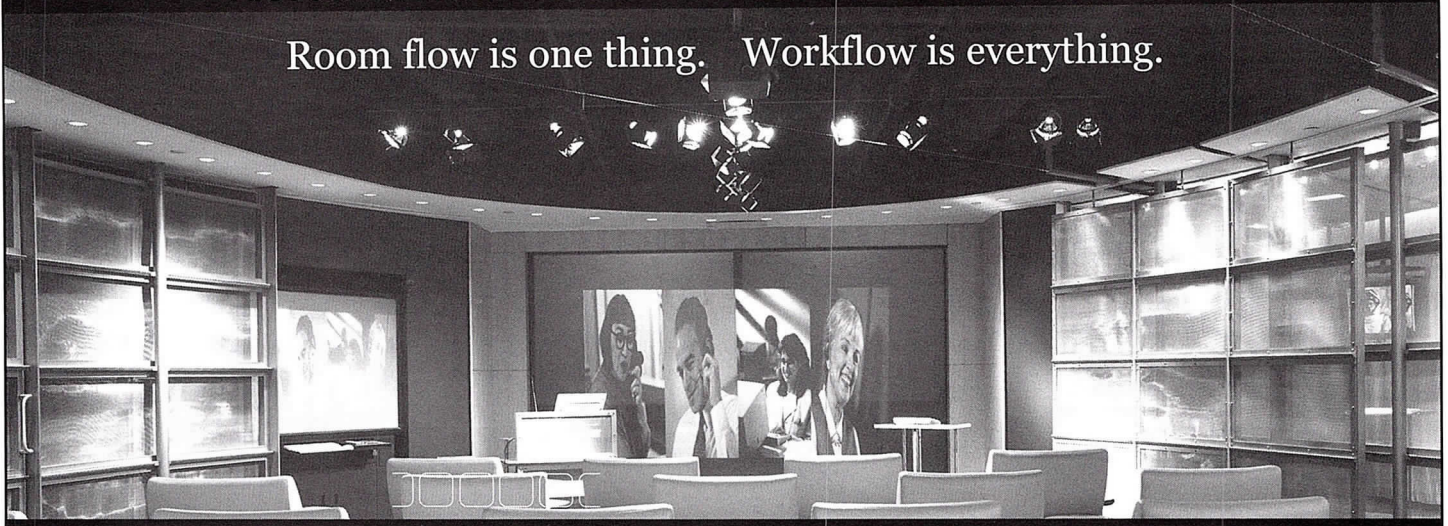
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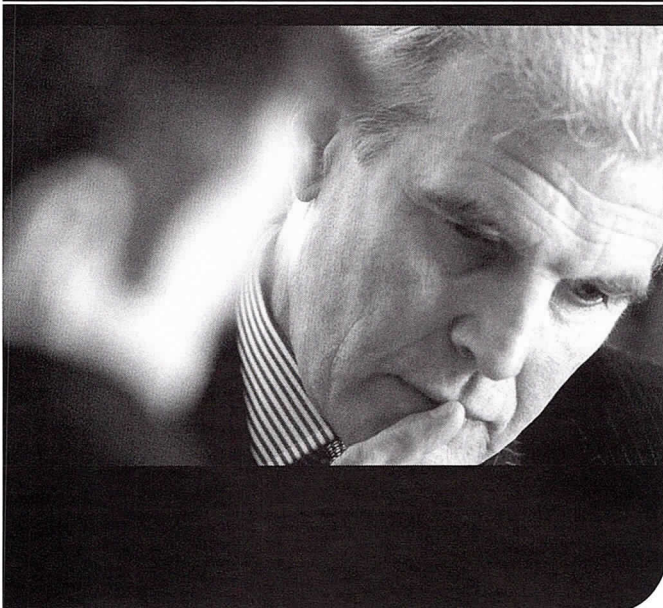


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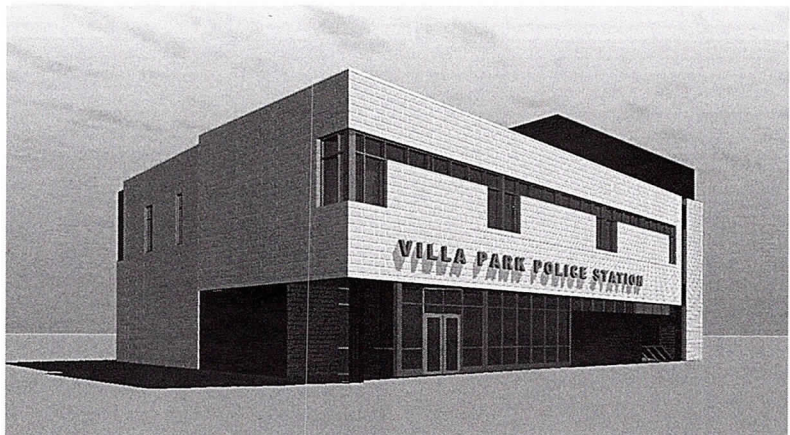
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# Sustainable Design

## Lessons Learned

Villa Park Police Station by  
Prisco Serena Sturm Architects



Courtesy of the firm

By Michael Bordenaro

**W**hether earning accolades by obtaining the first LEED ratings for different building types, participating in the city's many green building programs, or staying at the forefront of design practices,

Chicago's architects have much to share about sustainable design. As with any new process, sustainable design has a steep learning curve that requires extra time and effort for the initial attempt.

The Budlong Woods branch of the Chicago Public Library, designed by Jackson Architects, is on track to become the nation's first LEED-certified public

branch library. The firm is taking advantage of that experience to design the Oriole Branch, now under construction.

"The first LEED branch library took about 20 percent more time because you not only have to take time specifying the right product, you have to document the information in specific formats," according to Joan Jackson, AIA. For the second library, extra time required for LEED certification is not even 10 percent more than a non-LEED project, Jackson notes.

Clients, consultants and contractors are all participants in the learning process. Fortunately, there is an increasing awareness of the importance of "green" architecture. "We used to look like sustainable design rogue agents when we first started discussing these concepts with clients," says Scott Lumsden, a sustainable design specialist at VOA





James Steinkamp © Steinkamp/Ballogg

Associates. “Now the clients are enjoying the process.”

Once clients are on board, there is a continuing need to educate them about the differences in the design and construction process. Jackson recommends that architects list the obtaining of LEED certification as a separate professional service.

Martin Sturm, AIA, principal with Northbrook-based Prisco Serena Sturm Architects, concurs with this. “No matter how much experience you have, there is always a documentation process that has to be managed,” Sturm says.

## Spelling It Out

Jackson emphasizes the importance of having LEED specification documentation in contracts with contractors who need to understand their role in the process. Part of the LEED process is established to determine that a certain percentage of the building materials are certified as sustainable.

“The percentage they look at is the percentage of materials costs,” says Jackson. “Many contractors may be wary of revealing costs because it can show their profit levels on some items.”

To avoid uncertainty, Jackson recommends putting LEED requirements

in every relevant specification section. There is an entire LEED section in the specifications for the Oriole Branch Library.

Strict adherence to schedule is also critical in situations like this because LEED points are awarded for running mechanical systems in a building before it is occupied. The two-week “bake-out” period is recommended to allow off-gassing of volatile organic compounds. “That has to be worked into the contractor’s schedule, because those two weeks can cost the contractor a lot of money,” Jackson points out.

“Because LEED certification requires an integrated design approach, the schedule is even more important than with a typical project,” Sturm agrees. “For example, it is good to allow time to design fenestration options for daylighting analysis, because it impacts the cladding selection and ordering lead times.”

Prisco Serena Sturm is in the process of designing what will be the nation’s first LEED-certified police station in Villa Park and is working on prototype LEED EB (existing building) projects. These projects include the renovation of a Chicago police station detective’s office space and the renovation of a Chicago fire station, both of which will be LEED firsts when certified.

## Finding the Funds

Architects can help clients implement sustainable features that involve extra costs by helping find alternative sources of funds. At the Villa Park Police Station, the approach to storm water management on the tight, .25-site was unknown at the contract negotiation stage.

“We allocated resources to develop a

## Local US Green Building Council Elects Directors

On February 27, the Chicago chapter of the US Green Building Council elected its first board of directors. Elected to two-year terms were John Albrecht, AIA, City of Chicago; Kelly Andereck, AIA of Skidmore, Owings & Merrill; Ken Potts, Target Corp.; and Richard Schneider, Army Corps of Engineers. Elected to serve one-year terms were Amy Coffman Phillips, Assoc. AIA, VOA Associates; Nadine Bopp, School of the Art Institute; and Chris Philbrick, Exelon. Visit the new Web site at <http://chicago.usgbc.org> for upcoming programs and events.



**Sustainable Design**  
*Continued from page 15*

Chicago Public Library, Budlong Woods Branch by Jackson Architects.



concept for presenting to a funding source because we couldn't define the scope of that design until we better understood our options," Sturm reports. A presentation to DuPage County resulted in funding that allowed a prototype French drain with ecological filter screen to be included in the project scope.

Sieben Energy Associates was the LEED consultant for the Budlong Woods Branch Library. Helen Kessler, AIA, Sieben vice president and LEED Accredited Professional, says her firm's energy-efficiency analysis, system upgrades, lighting design and controls,

LEED documentation and other sustainable features of the project were funded in part by the City of Chicago's Department of Environment.

Susan King, AIA of Environ HarleyEllis and chair of the AIA Chicago Environment PIA, says the firm was able to secure funding for exploring sustainable design concepts for the Wentworth Commons Apartments at 111th Street and Wentworth Avenue. The affordable housing was funded in part by the Chicago Department of Housing Low Income Tax Credit Program, but other sources were sought as well. The Illinois

Clean Energy Community Foundation provided funds specifically for pursuing sustainable concepts. King indicates the foundation may also provide funds for implementing heat recovery mechanical systems, an area it is particularly interested in developing. The Illinois Department of Commerce and Community Affairs provided funds for developing a tighter building envelope, energy-efficient heating and cooling, specification of appropriate low-e glazing and inclusion of appliances with Energy Star ratings.

**Two Chicago Firms in Green Exhibition at National Building Museum**

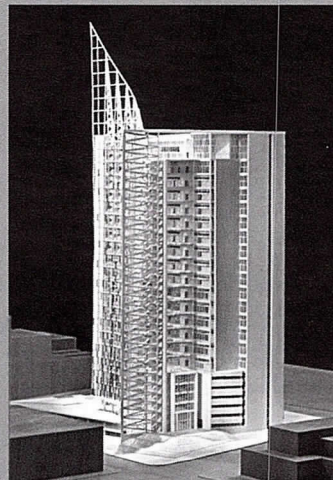
Skidmore, Owings & Merrill and Perkins & Will are among the firms with projects in the exhibition "Big & Green: Toward Sustainable Architecture in the 21st Century."

SOM's entry is the Manulife Financial U.S. Headquarters under construction in Boston. It features an eight-inch, unitised glass cavity curtain wall system and a six-story atrium that is capped with a glass panel roof. A roofscape garden is planted with wild grasses and flowers. SOM is in the process of documenting the environmental building performance rating; the project will be LEED-certified.

Perkins & Will submitted two very different projects: a 1.3 million square foot federal courthouse in Los Angeles, and a new university campus for 17,000 students in

Luanda, Angola. The buildings of the Universidade Agostino Neto are oriented to take advantage of natural light and the prevailing southwesterly wind. A single, undulating roof covers most of the campus to provide shade as well as capturing wind and funneling it through the classrooms.

For the courthouse (model pictured below), Perkins & Will and



Battle McCarthy Consulting Engineers have incorporated sustainable features through manipulation of the building form, inclusion of cutting-edge renewable technology, and integration of low-energy mechanical systems. The south-facing, curved glass wall of the atrium consists of a tapered truss that spans 400 feet and is clad with a laminated, point-supported glazing system. Photovoltaic panels integrated with the glass will generate 10% of the annual lighting loads, which are reduced with the use of light shelves that harvest daylight for the courtrooms. A layer of stainless steel mesh at the back of the truss creates a vented cavity that tempers the interior public spaces from extreme summer and winter loads.

The exhibition is on view through June 22 at the National Building Museum in Washington, D.C. The Web site is [www.nbm.org](http://www.nbm.org).





Wentworth Commons Apartments  
by Environ HarleyEllis

Courtesy of the firm

## Advances in Sustainability

A recent VOA project illustrates that things are getting easier for architects interested in sustainability. The Illinois Department of Natural Resources (DNR) headquarters in Springfield, built over a former coal mine that was filled with fly-ash-impregnated cement grout, is a poster child for sustainable design. One of the more telling aspects of the project is the state policy of requiring compatible bids from three manufacturers, indicating the increased availability of sustainable products.

"It used to be more difficult to research and specify products," Lumsden says. "More manufacturers are starting to help us understand how their products meet sustainable ratings."

The DNR also highlights how sustainable design encompasses more than product specification. "Through a simple conversation with the local transportation authority, the bus was rerouted to allow a drop-off and pickup closer to the building," Lumsden says. "It didn't cost us any time or any money, but it is worth a LEED rating point."

King comments, "With all of the focus on sustainable design in the City it is a great time to be an architect. It seems unusual to want to do the right thing and to have the political and industry support to achieve your design goals."

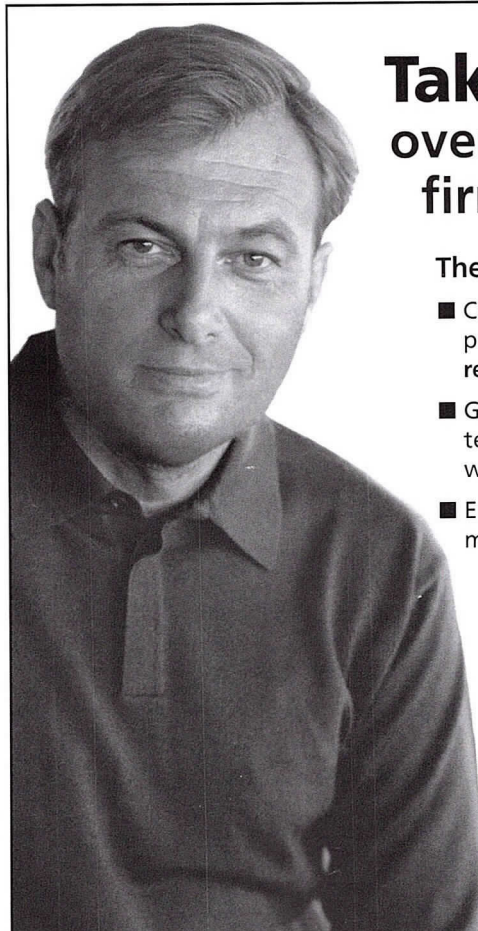
Michael Bordenaro is a Chicago-based writer and a regular contributor to Focus.

## Green Roofs Conference in Chicago

The inaugural Greening Rooftops for Sustainable Communities conference and trade show will take place in Chicago on May 29 and 30 at the Congress Plaza Hotel and Convention Center. It is being organized by Green Roofs for Healthy Cities, a four-year-old network of public and private

organizations working to develop the green roof industry, and co-hosted by the City of Chicago with support from the Chicago Environmental Fund. The program will include training on design and implementation techniques; sources of technical, program and policy support; and presentation of the Green Roofs Awards of Excellence.

Visit [www.greenroofs.ca](http://www.greenroofs.ca) for more information and to register.



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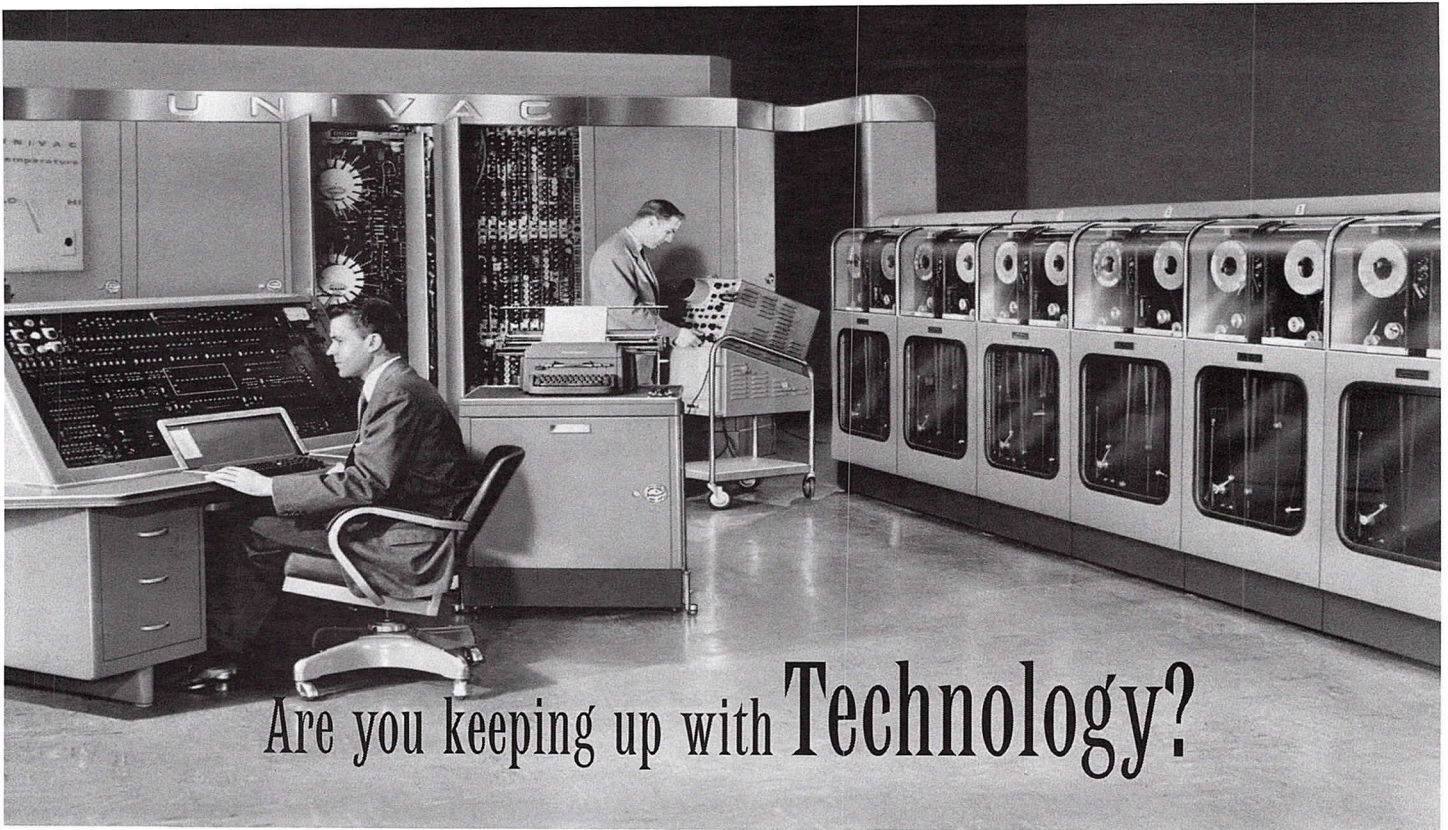
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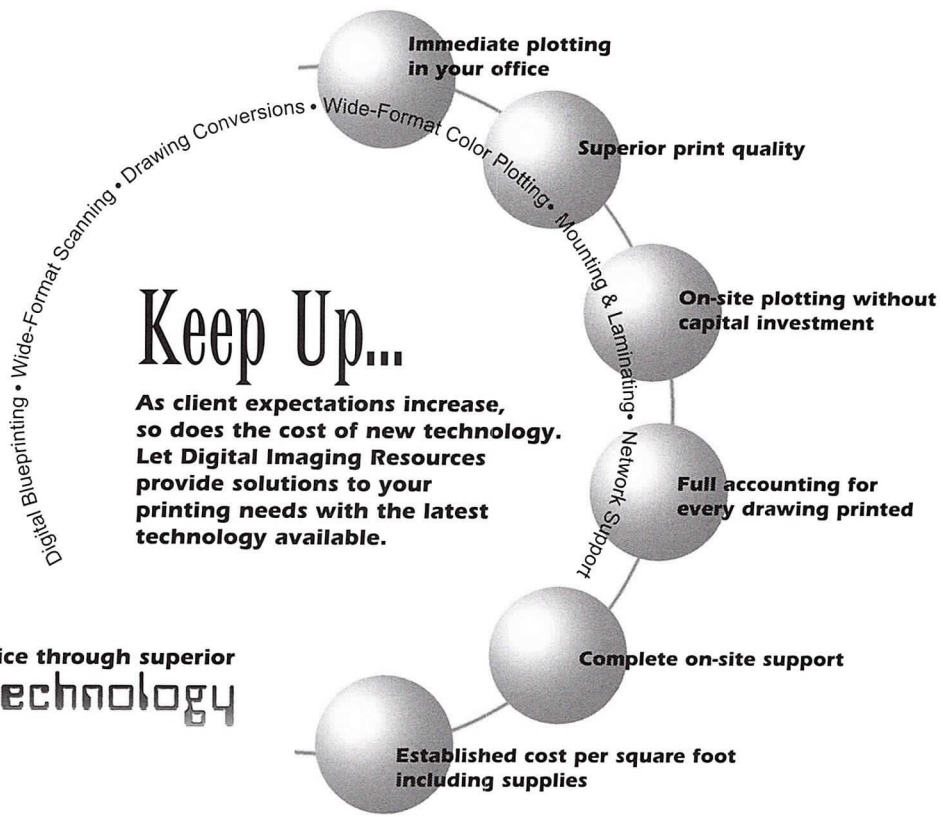


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# New Department of Construction and Permits is Designed for Better Business

By John A. Roberson  
 Executive Director  
 City of Chicago, Department of  
 Construction and Permits

**Single Point of Contact  
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The desire to make the permit process faster and more efficient is not a new one. Since Mayor Richard M. Daley came into office in 1989, the City has dedicated resources to streamline technical and departmental approvals, remove unnecessary reviews, and issue permits faster without compromising public safety. But as Chicago experienced the biggest construction boom since the Great Fire, the improvements we've made have fallen short — in part — because the demand from the development community exceeded our capacity.

City leaders are well aware that if Chicago is to remain a viable city for development and expansion, our business practices had to radically change. After careful consideration, Mayor Daley devised a solution that could meet the needs of our customers without jeopardizing public safety. The result was the creation of the Department of Construction and Permits (DCAP), a new department dedicated solely to fostering development and renovation in this city through the issuance of construction permits. I will serve as its executive director.

To effect a fundamental change, none of our existing business practices could remain in place. Everything had to change. To begin, a new management team accomplished in project management, architecture and engineering was assembled. To eliminate the need for customers to work with multiple departments in various locations, we designed a new operations center on the 9th floor of City Hall to integrate every city agency involved in the permit review process. Because your time is valuable,

architects will be given an appointment to meet with review staff rather than being forced to stand in long lines or hop from chair to chair.

## Developer Services

The challenge of capacity and limited resources led us to tap into the existing expertise of the private sector. We are contracting with well-respected architecture and engineering firms to perform the technical reviews for moderate to complex projects. This Developer Services program is a true end-to-end review, where the firm and the customer will customize their plan submittal and review schedule and arrange meetings as often as necessary, without interfacing with the City.

## Standard Review Services

Small to mid-sized projects will be assigned to a project manager in the Standard Review Services program, and reviewed in-house. The project manager will be responsible for tracking your application's progress and coordinating all the departmental plan reviews your project requires, and will act as your single point of contact for permit issues.

## Self-Certification Program

To be eligible to self-certify plans with an expanded list of project types such as first-time tenant build-out and one-story commercial property up to 24,000 square feet for new construction, architects will be required to participate in a professional training workshop offered by our staff (see page 21).

*Continued on page 20*

### Chicago's New Department of Construction and Permits

Thurs., May 29, 5:30 to 7:00 p.m.  
 Merchandise Mart Conference  
 Center, (second floor between Mart  
 and Apparel Center)  
 Sponsor: AIA Chicago

John Roberson, executive director of the newly formed Department of Construction and Permits, and his new management team will be presenting the recent changes of programs and services. These new programs, processes and services completely change the way the City does business as it relates to permits. Come to listen and ask questions. 1.5 LU/HSW



- **New business process**
- **Scheduled appointments for plan review**
- **Face-to-face meetings with plan review staff**
- **Outsourcing of complex projects to private teams**

The Department of Construction and Permits will work closely with Commissioner Norma Reyes and the redefined Department of Buildings. The Building Department will continue to have authority over city inspections, enforcement and licensing.

Implementation begins April 15, when we open the doors of our new location. At the same time, you can link to an interactive Web site, online submittal of several types of permits, and a detailed permit approval checklist. For more information, please view DCAP updates at [www.cityofchicago.org/Buildings/WhatsNew](http://www.cityofchicago.org/Buildings/WhatsNew).

I invite you to join us in this better-business effort. We all have a part to play and the incentives are tremendous. I think

you will find DCAP's service to the design and building community is remarkably improved and always worthy of your suggestions and support, however there may be hiccups at the beginning. City leaders have pledged that Chicago will no longer lose business opportunities because of delayed building permits or conflicting departmental jurisdictions. Predictable and efficient service is what you deserve, and what we will deliver.

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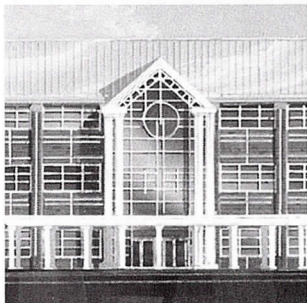
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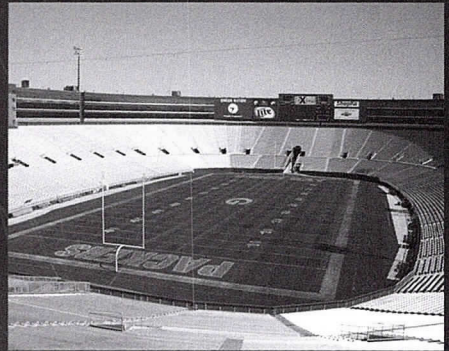
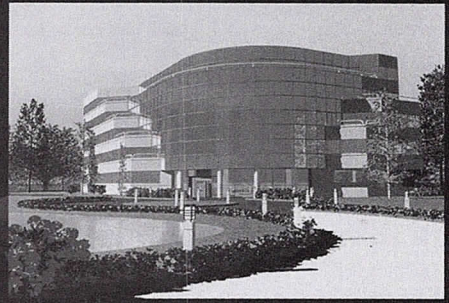
## Self-Certification Courses

The Self-Certification Program of the Department of Construction and Permits is in the process of expanding to include first-time tenant build-outs; an increase in the area of a one-story merchantile/business use from 10,000 square feet to 24,000 square feet for new construction; and extending the eligibility for prototype buildings from one-and-a-half to two years. The program is also working internally to accelerate building permit issuance.


To achieve these goals, the Department has started training program to certify Illinois licensed architects and structural engineers. The Certified Professional Training Course will review the building code and the self-certification process for eligible projects; it will cover zoning, architecture, plumbing, ventilation and furnace, refrigeration, environmental, accessibility, fire prevention, electrical and structural issues.

Participation is mandatory if you wish to self-certify plans for eligible projects. Upon completion of the course participants will receive a registration number.

The first three certification workshops are planned for April 28 - 29, May 28 - 29, and June 18 - 19 at the downtown campus of DePaul University, 1 E. Jackson Blvd., Room 8010. The registration fee is \$2,500 for the two-day workshop. To apply for enrollment, visit [www.cityofchicago.org/Buildings/WhatsNew](http://www.cityofchicago.org/Buildings/WhatsNew). Registrants will be notified via e-mail of acceptance.



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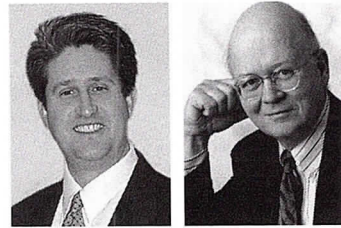
  
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From left to right: Doug Anderson, Assoc. AIA and Jim Torvik, AIA



PEOPLE/FIRMS

**Douglas Anderson, Assoc. AIA** of LCM Architects was appointed by President Bush to serve on the U.S. Access Board for the remainder of a four-year term that expires in December 2006. The Board is an independent federal agency responsible for developing and maintaining accessibility standards which include the Americans with Disabilities Act Accessibility Guidelines.

**Jeanne Gang, AIA** is one of four architects chosen to design an object that explores the potential of masonry for an upcoming exhibition at the National Building Museum in Washington, DC. Guest curated by **Stanley Tigerman, FAIA**, the exhibit calls for each of the architects to team with a master craftsman from the International Masonry Institute to design and construct something from a particular material. Gang will work with stone; Winke Dubbleddam of New York will use aerated autoclaved concrete; Julie Eisenberg of Los

Angeles has been assigned terrazzo/tile; and Carlos Jimenez of Houston will work in brick. The exhibition is scheduled to open on October 18 and run through April 11, 2004. The museum's Web site is [www.nbm.org](http://www.nbm.org).

**Steve Saunders, AIA** chaired the jury for the Sixth Annual AIA Award for Design Excellence at the Chicago Auto Show in February. This year's winner was SCION, chosen for the exhibit that best exemplified creativity, cost effectiveness, brand identity and public appeal. The award was presented at a luncheon during the show's two-day media preview. The other jurors were **Jeanne Gang, AIA, Jim Jankowski, AIA, Jim Prendergast, AIA, and Mark Sexton, AIA.**

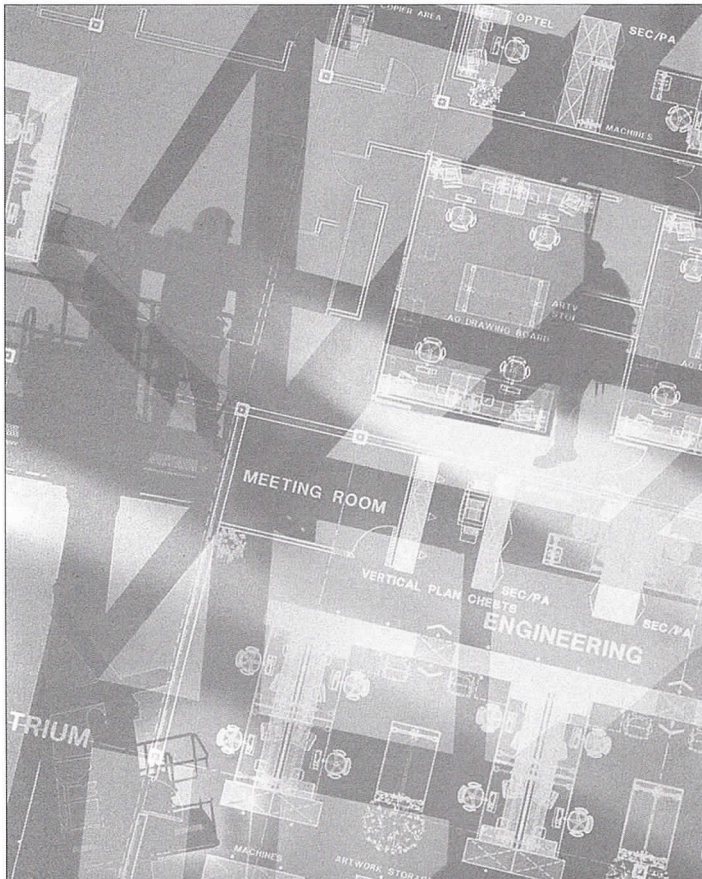
Landscape architect **Peter Lindsay Schaudt** has been appointed to a two-year term on the National Register of Peer Professionals of the General Services Administration's Design Excellence Program. He will assist with architect selections, interviews and design

concept reviews for public building projects. Schaudt's firm was recently named the landscape architect for Pei Cobb Freed's Hyatt Center, currently under construction on South Wacker Drive in Chicago.

James Torvik, AIA has announced the formation of **Torvik Associates LLC**. The firm is located at 410 S. Michigan Ave., Suite 908, and the phone number is 312/957-1060. The e-mail address is [jatorvik@msn.com](mailto:jatorvik@msn.com). Torvik was most recently the office director/architecture at Gensler and had been a principal with Harry Weese Associates.

PROJECTS

The Chicago Housing Authority has selected the **LR Development** team to redevelop the ABLA public housing projects into a mixed-income community to be known as Roosevelt Square. **DeStefano|Keating Partners** is the master architect of the team, which



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An adaptive re-use senior housing development by Schroder Murchie Laya.

Leslie Schwitz

surrounding area, which includes the University of Illinois at Chicago and the Illinois Medical District. When complete, the 2,441 units of new housing will include one-third public housing units; one-third affordable rental and for-sale; and one-third market-rate, for-sale units.

A 33-unit senior housing development designed by **Schroeder Murchie Laya** was named Best Adaptive Reuse Project for 2002 by Wisconsin Main Streets, an

agency of the state's Department of Commerce. The former elementary school is now on the National Register of Historic Places and is a key building in the revitalization of downtown Two Rivers.

The Chicago office of **HOK** has been selected to design the Louisville Marriott, which will be that city's largest downtown hotel. Completion is scheduled for 2004.

**Lohan Caprile Goettsch** has been awarded the commission for a master plan and new administration center for the Suzhou Industrial Park in the People's Republic of China. Construction of the 20-story tower, which will house government offices as well as exhibition space, an auditorium, and extensive conference facilities, is scheduled to begin May 1. This will be the firm's fourth building in China.

Ground was broken recently for a 35,000-square-foot addition to Sacred Heart Schools in Chicago. Designed by the **DLR Group**, which had created a master plan for renovation and expansion, the four-story structure connects the gymnasium with the main building. It contains classrooms, computer rooms, a library, a top-floor multi-purpose room and a rooftop playground.

includes **Urban Works Ltd.**; Brooks Architecture; **Macondo Corp.**; and Smith & Smith Associates. The master plan for the \$600 million project calls for reintegration of the 100-acre site with the street grid of the

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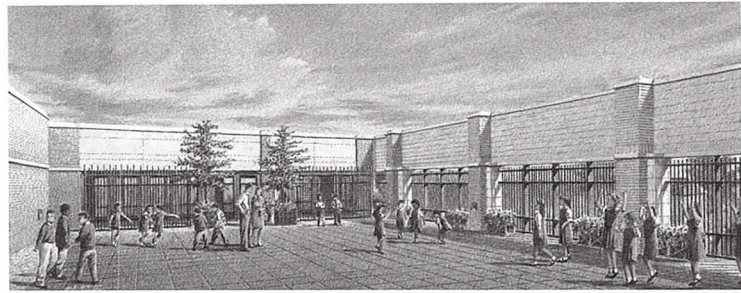
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Sacred Heart Schools addition by DLR Group.



CLIPPINGS

On February 6 the Pioneer Press suburban newspapers published an illustrated article on the design by **Stanley Tigerman, FAIA** for the Holocaust Memorial Foundation in Skokie. The V-shaped building will have a dark, southern wing and a light-filled northern wing to represent the descent into the Holocaust and the survival of the Jewish people.

The February 10 *Chicago Sun-Times* included a letter to the editor from **Tom Lia** of the Northern Illinois Fire Sprinkler Association urging enforcement of the national fire protection code for Chicago high-rises.

The Lincoln Park home of **Gary Beyerl, AIA** and Dawn Heid was featured in the *Chicago Tribune Magazine* on February 23.

Following the E2 Nightclub tragedy in which 21 people died during a stampede at the Near South Side venue, AIA Chicago was asked by several media outlets to refer experts on building codes and roofing issues. **Art Salzman, AIA** gave guidance to a designer at the *Chicago Tribune* for a graphic which ran in the February 20 edition of the paper; **Bill Waterston, AIA** was quoted by a National Public Radio reporter on the February 18 broadcast of *All Things Considered*; and on February 19, **Chris Chwedyk, AIA** appeared on the morning news broadcast of WGN-TV.

PROFESSIONAL DEVELOPMENT

The **Wisconsin Green Building Alliance** is holding its fifth annual conference on April 9 at the Olympia Conference Center in Oconomowoc, about 30 miles west of Milwaukee. The theme of this year's event is

"Making It Happen-Getting Results!" and it will focus on convincing building owners, developers and decision-makers of the benefits of green building products and services. There will be technical sessions in four tracks: residential, commercial, and institutional green buildings; and business benefits of green design. Registration after April 1, including on-site registration if space permits, is \$200. Visit their Web site at [www.wgba.org](http://www.wgba.org) or call 414/224-9422.

The Illinois Masonry Institute (IMI) and AIA Northeast Illinois are sponsoring the **Chicago Masonry Expo** on April 30 from 8:30 a.m. to 3:00 p.m. at the BAC District Council Training Center, 2140 Corporate Drive in Addison. This program for architects and contractors will feature exhibits, seminars and a hands-on brick-laying session; it provides six LU and three HSW. The event is free and lunch is provided, but reservations are required. For information, contact Scott Conwell, AIA at [sconwell@imiweb.org](mailto:sconwell@imiweb.org) or 312/935-1248.

CALL FOR ENTRY

**Design a parking garage** linked to a public transportation terminal on a site between Madison and Monroe streets as proposed in the Chicago Central Area Plan. This two-stage international design competition is co-sponsored by the Chicago Architecture Club, Friends of Downtown and the Design PIA of AIA Chicago. For requirements and additional information, visit [www.chicagoarchitectureclub.org](http://www.chicagoarchitectureclub.org). Winners will be announced on June 17 at an opening reception.

VARIOUS MATTERS

The College of Architecture at the Illinois Institute of Technology presents an exhibition and lecture "Light is More" by Spanish architect **Alberto Campo Baeza**, the Spring 2003 Morgenstern Visiting Critic at IIT. The lecture will take place on April 2 at 6:00 p.m. in the Siegel Hall auditorium, 3301 S. Dearborn St. The exhibition will be in the North Core of S.R. Crown Hall from April 2 through 25. On Friday, April 4, there will be a symposium on the topic **Architecture: Where Do We Stand?** at 5:00 p.m. in Crown Hall, 3360 S. State St. Joining Campo Baeza on the panel will be Kenneth Frampton, architect, theorist, author, and professor at Columbia University; Peter McCleary, structural engineer and professor at the University of Pennsylvania; Donna Robertson, architect and dean of the College of Architecture at IIT; and Peter Land, architect and IIT professor. The panelists will present their personal views and will then engage in debate, with audience participation. On April 11, Hani Rashid, of New York's **Asymptote**, will discuss the firm's work at 6:00 p.m. in the Siegel Hall auditorium. All events are free and open to the public; for more information visit the Web site [www.arch.iit.edu](http://www.arch.iit.edu) or call 312/567-3279.

A symposium at the Graham Foundation, 4 W. Burton Place, will explore the ubiquity of grid construction across many scales in Chicago planning around 1900. **The City, the Hinterland, the House, the Grid** will take place on April 5 from 9:00 a.m. to 1:00 p.m. and is free and open to the public. Speakers will include Ed Taverne of the University of Groningen, the Netherlands; Antoine Picon and Neil Levine, both of Harvard University; and Robert Bruegmann of the University of Illinois at Chicago. David Van Zanten of Northwestern University will moderate the symposium. For information, call 312/787-4071 or visit [www.grahamfoundation.org](http://www.grahamfoundation.org).

On April 9, **Dirk Denison, AIA** will speak about his firm's work from 12:15 to 1:00 p.m. as part of the Chicago Architecture Foundation's lunchtime lectures, which are free and open to the public. The CAF is located at 224 S. Michigan Ave. For information, call 312/922-3432 or visit [www.architecture.org](http://www.architecture.org).

The School of the Art Institute of Chicago (SAIC) is sponsoring a Midday Musings Lecture Series at 37 S. Wabash Ave., 12th floor. On April 17 at 12:00 noon, Anders Nereim will discuss **Sensate Architecture**.



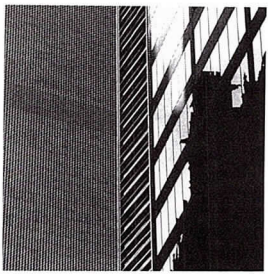
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Madeleine Isom

An exhibit of contemporary architectural photographs is on display at ArchiTech Gallery.

Nereim is an associate professor and director of graduate studies at the SAIC's Department of Architecture, Interior Architecture and Designed Objects. For more information on this free event, call 312/899-5194.

The University of Chicago Cultural Policy Center presents its 2003 Arts & Humanities in Public Life Conference **Building on the Past: Landmarks Policy & Urban Development** on Saturday, April 19 from 9:00 to 5:30 at the School of the Art Institute of Chicago Ballroom at 112 S. Michigan Ave. Architects, urban planners, economists, policy analysts and activists will participate in three panel discussions as well as a roundtable wrap-up moderated by John Callaway. Download a complete agenda and register online before April 14 at <http://culturalpolicy.uchicago.edu/conf03> or contact Andrea Jett at 773/702-4407.

The exhibition of contemporary photographs **Madeleine Isom - City** will be on view at the ArchiTech Gallery of Architectural Art, 730 N. Franklin St., Suite 200 from April 11 to June 14. Hours are Thursday through Saturday from noon to 6:00 p.m. or by appointment. Visit their Web site at [www.architech-gallery.com](http://www.architech-gallery.com) or call 312/475-1290.

NEW MEMBERS

**AIA**

**Scott Costello**, Robert G. Lyon & Associates; **John Ducar**, Kathryn Quinn Architects; **Daniel Friedman, Ph.D., FAIA**, (transferred from AIA Cleveland), University of Illinois at Chicago; **Joshua Gilbert**; **Shawn Gordon**, Grunsfeld Shafer Architects; **Michael Pancost**, Roula Associates Architects; **Karen Sennet**, GTG Consultants; **Stephen Siegle**, VOA Associates; **Ivan Stamenovic**; **Hans Thummel**, Perkins & Will; **John Titus**, M+W Zander; **Daniel Wai-Yan Tsao**, Gensler

**Associates**

**Rami Arbid**, Earth Tech; **Jagdip Barmi**; **Helen Byce**, OWP/P Architects; **Kenan Hadzic**, Proteus Group; **Sabrina Herrell**; **Carl Knutson**, Skidmore Owings & Merrill; **Hung Kwan Li**; **Neeti Mistry**, Dinesh Shah Architect; **Jason Monteverde**, Gilfillan/Callahan Architects; **Diana Naydenova**, Loewenberg & Associates; **John Williamson**, VOA Associates

**Emeritus**

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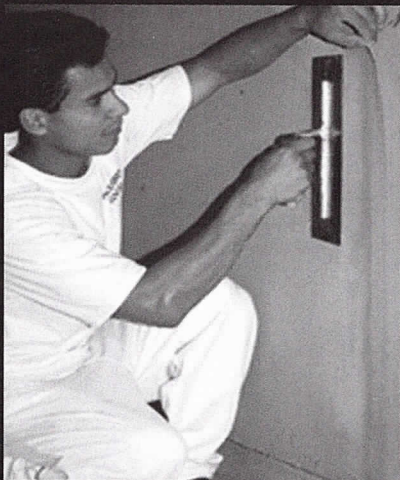
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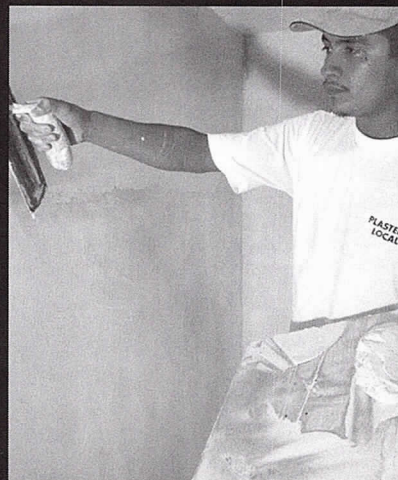
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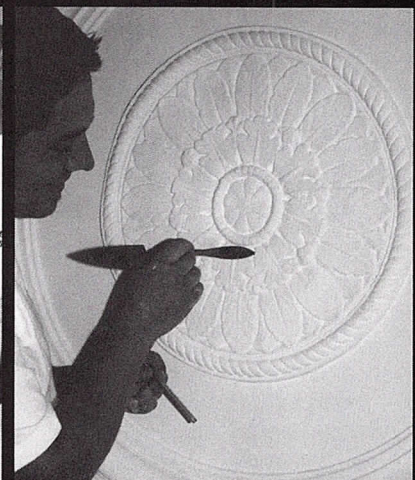
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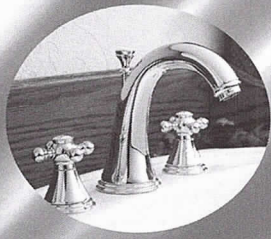
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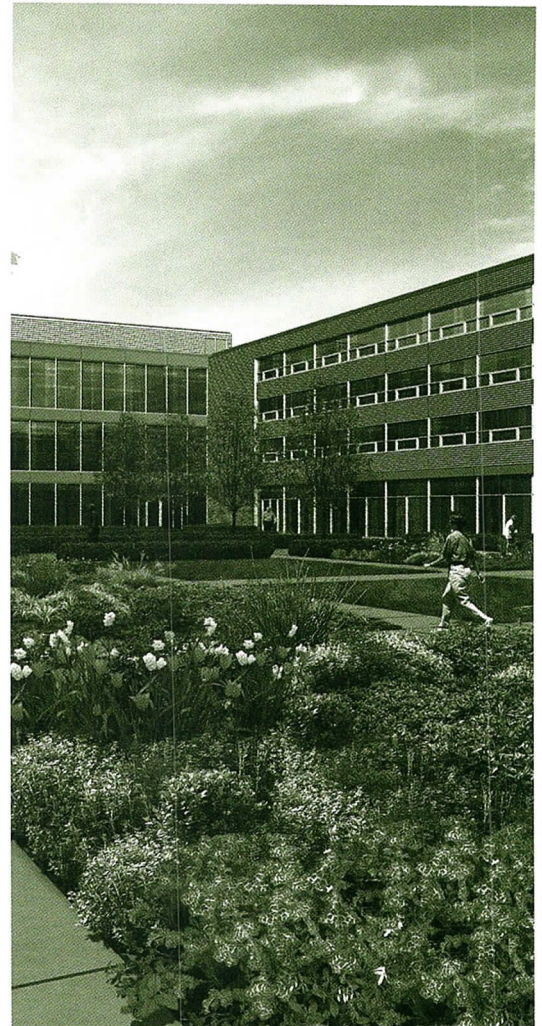
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- 2 Alberto Campo Baeza.** Lecture. Sponsor: IIT. 6:00 p.m., Siegel Hall Auditorium, 3301 S. Dearborn St. Information: [www.arch.iit.edu](http://www.arch.iit.edu).
- 3 Prompt Portfolio Reviews.** Sponsor: Young Architects PIA. 6:00 to 8:00 p.m.; Defined Space, 1474 W. Hubbard St., 2nd Floor. Limit 40 participants. 1 LU
- 4 Architecture: Where Do We Stand?** Panel Discussion. Sponsor: IIT. 5:00 p.m., Crown Hall, 3360 S. State St. Information: [www.arch.iit.edu](http://www.arch.iit.edu).
- 5 The City, the Hinterland, the House, the Grid.** Symposium. Sponsor: Graham Foundation. 9:00 a.m. to 1:00 p.m.; 4 W. Burton Place. Information: 312/787-4071 or [www.grahamfoundation.org](http://www.grahamfoundation.org).
- 8 The ARE and Licensing in Illinois.** Sponsor: Young Architects PIA. 6:00 p.m.; Chicago Architecture Foundation, 224 S. Michigan Ave. Free for AIA members; \$5 nonmembers. 1.5 LU  
**Adler for Architects.** Sponsor: Housing PIA. 6:00 p.m.; Morton Auditorium, Art Institute of Chicago. 1.5 LU
- 9 Agriculture and Urbanism in Northern Illinois.** Sponsor: Planning & Urban Affairs PIA. 12:00 noon; AIA Chicago. Bring your lunch; beverages provided. 1 LU/HSW  
**Dirk Denison: Recent Work.** Sponsor: Chicago Architecture Foundation. 12:15 to 1:00 p.m.; 224 S. Michigan Ave.  
**Emerging Technology Trends.** Sponsor: Corporate Architects PIA. 5:30 p.m.; AIA Chicago. 1.5 LU/HSW
- 10 Historic Preservation Institute and Frank Lloyd Wright Initiative.** Sponsor: Historic Resources PIA. 12:00 noon; AIA Chicago. Bring your lunch; beverages provided. 1 LU/HSW  
**Tour: Soldier Field.** Sponsor: Design PIA. 4:30 to 5:30 p.m.; Soldier Field (meet at south end of stadium at security trailer off Waldron Drive). Attendance strictly limited to 30 AIA Chicago members. Pre-registration is required as special instructions will be sent to each participant. 1 LU/HSW
- Invisible City: Planning for Chicago's Future.** Slide Lecture. Sponsor: Chicago Architecture Foundation. 6:00 p.m.; 224 S. Michigan Ave. \$15 (\$10 for AIA members); reservations available: 312/922-3432, ext. 909. Information: [www.architecture.org](http://www.architecture.org).
- 11 Hani Rashid of Asymptote.** Lecture. Sponsor: IIT. 6:00 p.m., Siegel Hall Auditorium, 3301 S. Dearborn St. Information: [www.arch.iit.edu](http://www.arch.iit.edu).
- 15 Parking, Public Transportation and the Central Area Plan.** Sponsor: Design PIA. 6:00 p.m.; I-Space Gallery, 230 W. Superior St. 1 LU/HSW
- 17 Lighting Design.** Sponsor: Technical Issues PIA. 12:00 noon; Chicago Bar Assn., 321 S. Plymouth Court. Bring your lunch or purchase a lunch ticket for \$11 in the CBA shop. 1 LU/HSW  
**Sensate Architecture.** Sponsor: School of the Art Institute of Chicago. 12:00 noon; 37 S. Wabash Ave.; 12th floor. Information: 312/899-5194.
- 19 Building on the Past: Landmarks Policy & Urban Development Conference.** Sponsor: The University of Chicago Cultural Policy Center. 9:00 a.m. to 5:30 p.m.; School of the Art Institute of Chicago Ballroom, 112 S. Michigan Ave. Information: <http://culturalpolicy.uchicago.edu/conf03> or 773/702-4407.
- 22 Sustainable Stories.** Sponsor: Environment PIA. 5:30 p.m.; AIA Chicago
- 26 Rebuilding Together of Metro Chicago.** Sponsor: Young Architects PIA. 7:00 a.m. to 4:00 p.m.; meet bus at Olive-Harvey College, 10001 S. Woodlawn Ave. Volunteers are asked to donate \$25 to cover transportation, lunch, and liability insurance. Questions: [hollyjcoultter@yahoo.com](mailto:hollyjcoultter@yahoo.com). Limit 25.
- 28 Tadao Ando.** Lecture. Sponsor: Architecture & Design Society, The Art Institute of Chicago. 6:00 p.m., Rubloff Auditorium, 111 S. Michigan Ave. Information: [www.archdesignsociety.org](http://www.archdesignsociety.org).
- 30 Design Principles for Alternative Medicine.** Sponsor: Health PIA. 5:30 p.m.; OWP/P, 111 W. Washington St., 21st floor. First of an eight-part lecture series. Nonmembers: \$15 or \$100 for the series. 5 LU/HSW

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