

CHICAGO CHAPTER AMERICAN INSTITUTE OF ARCHITECTS

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CCCAIA FOCUS



*Martha Wilson Memorial Pavilion*

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**Cover:** Martha Wilson Memorial Pavilion for Children's Memorial Hospital, Fullerton and Orchard, c 1925. Holabird & Roche Architects. Photo: courtesy Chicago Historical Society and by permission of Children's Memorial Hospital. The Sketchbook features health facilities beginning page 8.

## THE CHAPTER CIRCUIT

### Chapter President's Message

The profession of architecture seems to be in constant evolution. Once the Eisenhower era standoff between what an architect does versus what an engineer does subsided, we began to look within ourselves for change. Modernism took a back seat to pediments, and we all dug out copies of Labrouste and Owen Jones. We seem to be finding a pluralistic awareness, which has allowed for less paranoia, but decidedly less direction. Ike must be smiling.

The evolution this time is coming from just outside the door. We are seeing a lessening of the meaning of our licenses at the same time that it is becoming harder to obtain those licenses. At the moment, the changes are on two fronts: those changes that lessen our scope via licensure of allied professions, and those that cause changes to our own licensure. While the Institute, the Illinois Council, and the Chicago Chapter are all very active in dealing with these issues, you should have a working knowledge of what is going on.

The current big issue in professional politics is licensure of allied professionals, specifically interior designers. Landscape architects finally succeeded, after many years of trying, in obtaining a license law in Illinois. Their law is a "Title Act," which legislates who may be called Landscape Architect without legislating who may actually practice landscape architecture. Their law also specifically exempts architects from legislation, so that architects may call themselves landscape architects and practice landscape architecture but may not call themselves "registered landscape architects." Landscape architects are already licensed in many states, and Illinois is late in legislating them.

Interior designers are hard at work trying to obtain their own law all across the country. Their initiative is led by the International Society of Interior Designers (ISID), and is joined by the Institute of Business Designers (IBD) and by the IASID. The initiative is recent

and very well organized. Within the last few years, interior designers have achieved licensure in several states, and have local efforts under way in virtually every state. In Illinois, they are lead by the Illinois Interior Design Coalition (IIDC). In last year's legislative session, the IIDC was successful in having the Illinois Architecture Act amended to specifically exempt interior designers from being accused of practicing architecture without a license. They also had a proposed title act introduced, which was sent to committee with the provision that the architects agree with its contents.

Although the surface reason for licensing interior designers is to better protect the health, safety, and welfare of the public, the underlying reason is to protect their turf. The groups seeking licensure are those that represent designers who do commercial design: offices, retail, hospitality, etc. According to their own figures, there are approximately 400,000 persons in the U.S. who call themselves Interior Designers. This includes everybody, from the greatest architects practicing interior architecture to paint store part-timers helping customers match wallpaper with paint. Approximately 40,000 to 50,000 of this number are full time, professional, commercial interior designers. Presumably, this number would be eligible for licensure and is the constituency trying to protect itself from the rest.

While the Illinois State Legislature isn't in the business of providing legislative protection of the economic well being of a group, one can't be too sure. The Governor vetoed the Landscape Architecture Law this year, because he felt it to be protective of this group without providing for any public good. The Legislature overrode his veto in the Fall veto session.

Nationally, the presidents of AIA, ISID, IBD, and IASID have signed an accord relative to the issues of interior design licensure. It is particularly vague. We will have to flesh out the details here in Illinois, and will have to be sure that any legislation passed here

is consistent with the national accord, without giving away any of our own professional standing.

The architects in the state are represented in this issue by a task force made up of Les Larson, AIA, and Bob Clough, AIA, from the Illinois Council; Frank Heitzman, AIA, and myself from the Chicago Chapter; and Graham Bradley, FAIA, from Peoria, who serves as our chair. We have been meeting with the IIDC in an effort to provide our input. We are not helping to write their legislation, nor are we actively supporting their initiative, but it is incumbent upon us to give them a clear understanding of our profession's position. Without our tacit agreement, it doesn't look like they will be successful in the Legislature, but we can't be sure. They have some very strong clout and very large lobbying funds from the interiors related industries.

Finally, you should understand something about the way professions are licensed. Architects in Illinois are governed by a "practice" act; it not only legislates who may be called an architect but also legislates who may actually provide the services defined as architecture. The other type of legislation is "title" legislation, which only governs who may call themselves by the legislated title. In its most simplistic form, a title act wouldn't even define what the licensed profession is, only which prerequisites must be met to use that title. A practice act, on the other hand, clearly defines what the profession is and does. The national accord calls for title legislation, and that is the only type that the AIA will countenance.

Last month the FOCUS carried the text of several statements made to the Illinois Architects Examining Committee regarding the proposed rules for internship in Illinois. We were successful in convincing the Committee to hold off on adopting those rules, although success begot an assignment. We currently have a task force meeting with the Committee to formulate revisions to the rules of our profession, which we feel we can live with. Those rules will allow for better verification of work experience by not-yet-registered architects, but will not contain provisions of the NCARB IDP program. More on this next month.



Steven F. Weiss, AIA  
President

## PROGRAMS AND EVENTS

### THIS MONTH

#### Midwest Design Schools Exhibit Work

"En Charrette," an exhibition of work submitted by leading architectural and design schools of the midwest opens at the Athenaeum Center for Architecture, Art, and Urban Studies on February 5 with a reception from 5-7 p.m. The exhibition, sponsored by the CCAIA, continues through February 10 at the Athenaeum, 333 Wacker Drive.

#### Computers Applications for Interior Design

The Interiors and Computer Committees will jointly sponsor a seminar and a series of office tours this spring. The seminar will be held at 6 p.m. on Tuesday, February 20 in the CCAIA Board Room, and will feature presentations on the use of spreadsheets, databases, CADD, and graphic design software in interior design.

The seminar will be divided into two parts: The first half will attempt to de-mystify computer hardware and software for those with little or no computer experience; the second half will focus on the most effective techniques and tools for interior designers. The tours will take place at different interior design firms in March, April, and May, highlighting graphic design, database, and CADD applications.

Admission to the seminar is \$5 for AIA members, free to associate members and students, \$10 for non-members. There is no fee to participate in the tours. Please make reservations with the CCAIA office by calling 312/663-4111. Space will be limited.

Nick Weingarten, AIA

What more can you  
look forward to?  
See next page.



### Finding It

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### CORRECTIONS

#### Forgotten Members List Continues to Grow

In the October 1989 FOCUS, a list of those who have been members of the Chicago Chapter for 25 years or more was published. Our apologies once again go to those who were left off the list. The latest forgotten:

Ernest A. Grunsfeld, FAIA, joined the Chapter in 1961.

Calvin Jay Tobin, FAIA, a CCAIA member since 1955, was 1972-73 chapter vice president and served on the Health committee from 1968-76.

#### No Way to Thank a Contributor

With no stipend in the FOCUS budget for contributing writers, the best we have to offer is the glory of a byline and a short bio on the writer of the article. Getting these incorrect is not a recommended method for winning friends...and writers.

Our apologies to January contributor Frank Michalski, AIA, for misspelling his name and incorrectly identifying his place of employment. Michalski, who authored "School Board Plans Put Chicago Building in Jeopardy," on page 8, is an architect at Gelick Foran Associates, Ltd.

## LOOKING FORWARD TO...

### Architect as Developer 1990

So, you're an architect, but you'd like to get into some development work. Well, here's the symposium for you.

On Saturday, March 3, 9 a.m. - 4:30 p.m., at the Holiday Inn City Centre, 300 E. Ohio, the Chapter's Real Estate Committee presents "how to" seminars by prominent professionals who will guide architects and developers through the maze of financial, legal, and market analysis problems inherent in development work. Topics will include:

- ▶ wide range of project sizes
- ▶ various building typologies
- ▶ raising seed money
- ▶ financing alternatives
- ▶ working effectively with lenders
- ▶ working effectively with lawyers
- ▶ negotiating contracts
- ▶ legal requirements
- ▶ changing markets

Case study presentations will be made by Sherwin Braun, principal, Braun/Skiba Architects; Howard Conant, president, Urban Innovations, Ltd.; Paul Hansen, AIA, vice president, Booth/Hansen & Associates; Grant McCullagh, CEO, McClier Corporation; Robert Smietana, executive vice president of Development, Fifield Companies Ltd.; Roy Vice, director of Con-

struction, Homart Development Company; Edmund Woodbury, director of Construction, BCE Development Properties, Inc.

Seminar presentations will be made by Hope Alexander, vice president/Commercial Group, McClier Corporation; Thomas Fitzpatrick, principal, Fitzpatrick Law Offices; Stephen B. Friedman, principal, Laventhol & Horwath; Michael Gallagher, assistant vice president, Boulevard Bank, N.A.; David Glickstein, managing partner, Greenberger, Krauss & Jacobs, Chtd.; Cheryl F. Holmes, senior vice president, Charles H. Shaw & Company; George Kohl, vice president, Corporate Services, Fifield Development Corporation; Thomas E. Lyons, principal, Inter-group Financial; Edward J. Munin, first vice president, JMP Realty Corporation; Steven G.M. Stein, managing partner, Greenberger, Krauss & Jacobs, Chtd.; Eugene P. Tunney, vice president, American National Bank; Kenneth Wahlin, principal, Thrush & Company.

A registration brochure that announces the fee and gives a complete program schedule is your vehicle for registration. Make note of a special rate for associate members not mentioned in the brochure: \$65. For AIA, \$85; non-members, \$110; students, \$25. Included in the fee are the morning coffee and lunch.

### Interiors Awards Program

Seems as though we just wrap up the Interiors and DBA Awards programs when we turn right around and offer you another opportunity to give your firm's projects some terrific exposure, by entering the Chapter's two annual awards programs: one for interior architecture and one for buildings.

The 11th annual Interior Architecture Awards kicks off with the **Deadline for Intent to Enter, Monday, March 5**. You can look forward to having the **submissions** themselves here in the Chapter office by **April 2**. So, get over to those files and pick out your winner. Do take into consideration that eligible projects are those completed and constructed January 1, 1987, through March 1, 1990. The awards reception and presentation is scheduled for Tuesday, June 5 at The Arts Club.

### Licensing Seminar

On March 13, 6 p.m., at the Merchandise Mart's 2nd floor Conference Center, the Young Architects Committee will sponsor its Licensing Seminar. This seminar is a must for those planning to take the 1990 ARE, as it will address basic questions on the registration process in Illinois.

Admission to the seminar is free to CCAIA members, \$12 for non-members, and \$5 for non-members who are currently students. With space limited, we encourage you to call the CCAIA at 663-4111 for early registration.

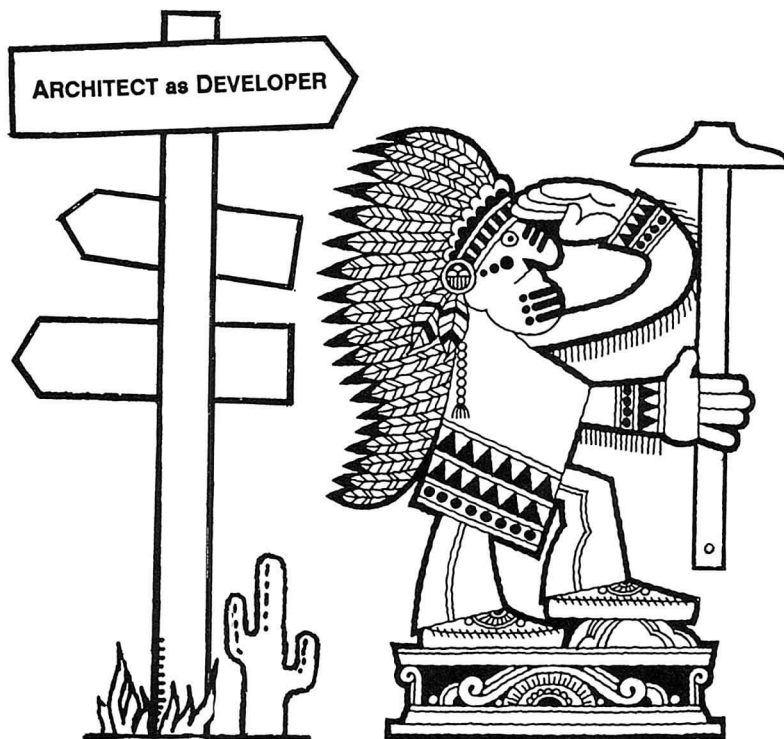
### Planning and Urban Affairs Panel

The State Street Revitalization Project is the focus of this March 13 discussion, as the committee continues its series on various urban issues. Key speakers are Sarah Bode, of Greater State Street Council; Mike Tokin, of Metropolitan Structures; and Daniel Coffey, of Daniel Coffey & Associates.

As always, the panel discussion is open to the public and will be held at the Cliff Dwellers Club, 220 S. Michigan Ave., from 6-8 p.m. There will be a cash bar, and hors d'oeuvres will be served. Reservations are being taken at the Chapter office, 663-4111.

### Roads Not Taken: Unbuilt Architectural Projects

This is an exhibit, sponsored by the CCAIA Design Committee. It opens June 1 at the Lydon Fine Arts Gallery in River North. Watch the FOCUS for details.



## Bob Clough 1990 ICAIA President



Chapter member Bob Clough, AIA, has kicked off the new decade by beginning his term as president of the Illinois Council/AIA.

Clough, who is a principal at Loebel Schlossman and Hackl,

responsible for financial and administrative affairs, has represented the Chicago Chapter on the ICAIA Board since 1985, serving as delegate in 1985 and 1986, as treasurer in 1987 and 1988, and president-elect in 1989. Clough says one of the primary things he has learned in his many years on the Illinois Council Board is that "legislation is something that does not get accomplished quickly."

And where will the ICAIA emphasis be in 1990? According to the new president, the Council will continue to work with the Illinois Interior Design Coalition on a proposal by the interior designers for title registration and with the Illinois Architectural Licensing Board on a proposal for the new experience requirements for licensure. At the December CCAIA Board meeting, Clough reported that he and Chapter member/past Illinois Council Delegate Kristine Fallon, AIA, had met with Ron Moline, AIA, and Walt Lewis, AIA of the Architectural Licensing Board to discuss the status of the Comprehensive Experience Requirement rules. Moline has requested that those who are not in favor of the proposed rules prepare an alternate proposal. An agreement must be reached on the rules by March, to meet a schedule for a major mailing to licensed architects this Fall, which should include the Comprehensive Experience Requirements.

Clough also announced at the Chapter's December Board meeting that three awards were presented by the Council at its Annual Meeting in November. Receiving the Distinguished Achievement Award was

Graham Bradley, FAIA; Excellence in Education went to Jack Sherman Baker; and the President's Award to LPCI.

More new announcements come from the ICAIA: Former State Representative from the 47th District in South Suburban Chicago, John O'Connell, has been retained as lobbyist for the Illinois Council, and Clough is looking forward to the Council's new quarterly newsletter under the direction of David Voepel, who is responsible for ICAIA legislative communication.

Clough was sworn into office at the ICAIA November Annual Meeting in Springfield; we wish him a successful and rewarding year as president.

## 1990 Roche Travel Scholarships Deadline February 1

Thursday, February 1, at 4 p.m. is the deadline for applications for the Roche Travel Scholarship to be received in the Chapter office.

Three \$500 scholarships for ar-

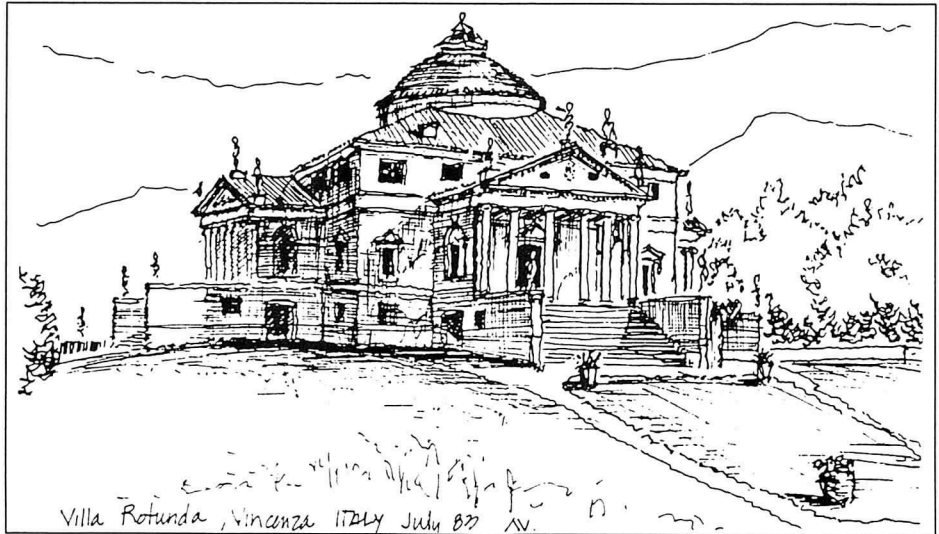
in a foreign country. The trip must commence on or before September 1, 1990; its duration must be a minimum of three weeks.

Applicants must be U. S. citizens and recommended by the dean of his/her school; the itinerary must be submitted with the application.

Upon completion of the trip, or in any event, no less than six months after the departure date, the recipient must submit a report to the Chicago AIA Foundation. This report should consist of a synopsis of the areas visited and impressions of the architecture. Sketches or photographs should accompany the report.

Selection of Roche Scholarship recipients will be made by the Chicago AIA Foundation Board of Directors. Winners will be advised no later than February 8. The selection will be made on the individual's merits as evidenced by the applicant's academic background, personal and professional achievements, character and integrity, and general indication of future promise in the profession.

Applications must be received by 4 p.m. February 1, 1990 at the Chicago Chapter AIA office, 53 W. Jackson, Room 350, Chicago, Illinois, 60604.



chitecture study abroad will be awarded through the scholarship program. Income from a trust fund set up in 1926 by Chicago architect Martin Roche and administered by the CCAIA Foundation makes possible a total of three scholarships: one to an undergraduate student at both UIC and IIT, and one to a graduate student enrolled in the architecture degree program at either of the two schools.

All scholarships must be applied to the costs of an architectural study-tour

Villa Rotunda, Vincenza, Italy. Drawing by 1983 Roche Scholarship winner Mark D. Wienke, a UIC student at the time of scholarship award

## Obituaries

### *John Vincent Anderson* *AIA Emeritus*

Mr. Anderson, 75, had been a member of the Institute and the Chapter since March, 1946, and a Member Emeritus since 1982. Mr. Anderson, born in Chicago, attended Armour Institute of Technology and the University of Illinois. He had been retired from professional practice since 1980.

### *Edward Marks* *AIA Emeritus*

Mr. Marks, 87, was born in New York City and received his bachelor of science in 1923 from the University of Wisconsin at Madison. He had been a member of the Institute and the Chapter since January, 1947, and a Member Emeritus since 1973. Mr. Marks served many years as a Chicago delegate to the national AIA convention.

### *Carol Phelan* *Associate Member*

Mrs. Phelan, 52, a resident of Winnetka, was very recently accepted into the Institute and the Chicago Chapter, but had been established in the profession for several years. She served on the CCAIA committee to plan a women in architecture exhibit and symposium. In 1985, she and Gigi McCabe-Miele formed Riverside Architects in Chicago.

Mrs. Phelan received her degree in architecture in 1977 at the University of Illinois, Chicago, where she and McCabe-Miele met.

She was president and founder of the Hope Through Housing Foundation, which arranges for low-cost housing, and a member of Chicago Women in Architecture, the women's board of the Field Museum of Natural History, and had served on the board of the Hubbard Street Dance Company. Surviving are her husband, Richard; a son, Mark; two daughters, Ann and Jane; her mother; and a brother and sister.

## NEWSLINE

### Firm Ad Campaigns Still Tentative But Growing

Architects, engineers, and other design professionals appear to be no longer wary of advertising's effect on the reputation of their firms, according to a recent survey of the country's largest design firms.

However, the survey also showed that uncertainty remains about whether advertising can be a successful communications option in the design industry. The research was conducted by Capelin Communications, a New York City public relations firm specializing in the design professions and their related industries, at the request of Boston Society of Architects Executive Director Richard Fitzgerald. Fitzgerald was interested in what has happened in the decade since the US Supreme Court (in the landmark *Bates v. Arizona* decision) changed the way professional service firms would operate forever after. The Court ruled that associations could not restrict their professional service members from advertising; otherwise, they would be in restraint of trade.

Two hundred of the nation's largest architecture and engineering firms, as determined by *Building Design and Construction* magazine, were sampled. While noting that a healthy 71 percent of the respondents had advertised, Joan Capelin reports that more than one-third of these firms weren't sure if their efforts were successful.

"Advertising still seems to be a tactical solution, a tentative experiment or repayment of some IOU, rather than part of an overall strategic approach to a design firm's visibility," observed Capelin. "The starter's gun has gone off, but the runners - the design firms - still don't know which way to go."

Major survey results show:

► Of the 53 firms responding, 94 percent claimed to have a marketing plan, and half of these firms said these plans included advertising.

► 71 percent of the firms responding reported an advertising budget of \$25,000 or less; only 21 percent reported a higher allocation; the rest could not answer the question.

► "Name recognition" and "getting new clients" were the overwhelming measures of advertising success.

► Of the firms that had advertised, 47 percent judged their efforts successful; 13 percent did not; and 40 percent "didn't know" or did not respond to the question.

► Those firms that reported their advertising as unsuccessful cited two dominant reasons: no proof that the ads (mainly print) were affecting name recognition; and admission that their advertising was too infrequent to have impact.

The survey targeted the small budgets, the lack of strategy, and a dearth of creativity as the three key obstacles that have limited advertising effectiveness.

"The only way to register good, measurable results is to advertise often, consistently, and selectively," assures

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**"To make sound marketing decisions, design firms should decide beforehand what levels of visibility, budget, and risk are appropriate - and weigh them against what they hope to accomplish."**

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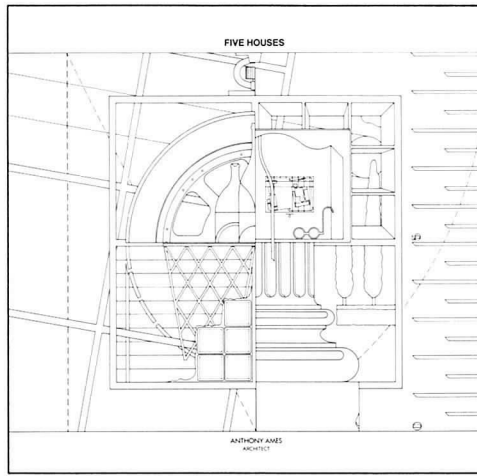
Capelin, who has observed that most advertising agencies who make their money from ad placement commissions, won't touch such low-return work. "This may explain why much design firm advertising stays in-house and is often below competitive standards," she added.

In Capelin's assessment, visibility can be achieved in dozens of ways, of which advertising is only one. "At the very least, in order to make sound marketing decisions, design firms should decide beforehand what levels of visibility, budget, and risk are appropriate - and weigh them against what they hope to accomplish."

Copies of the survey report may be obtained for \$5 from Capelin Communications, 257 Park Avenue South, New York, NY 10010.

**Five Houses: 1976-1986**, by Anthony Ames. Princeton Architectural Press, 1987, New York. 131 pages, 37 color illus. \$34.95 cloth, \$24.95 paper.

Reviewed by Renee Sprogis-Marohn



In 1972, a slim, white volume entitled *5 Architects* was published, and proceeded to become a benchmark for a new generation of architects. Now, almost two decades later, Anthony Ames has produced an equally svelte publication appropriately entitled *Five Houses*. Unabashedly influenced by the New York 5, Ames is presently being touted as an "Atlanta-based New York sixth" (architect) and is deliberate in emphasizing his role as a "continuator" architect, as opposed to an "innovator" architect. However, the houses and pavilions speak for themselves, extending beyond slavish imitation and manipulation for originality's sake, resulting in a polished and intelligent portfolio of Ames' work.

The book's text is sparse and to the point, relying on the numerous plans, axonometrics, and pastel perspectives to describe the projects. In his introduction, Anthony Ames expounds on the "points of departure" common, in one guise or another, to all his work. One of the more obvious points being the use of rotation and superimposition. Immediately apparent in every project but the Hulce Pavilion, Ames displays his mastery of the shifted axis, creating simple and powerful geometric masses that become increasingly complex as one moves beyond the initial site plans to the interior spaces. And it is in the interior spaces that Ames most clearly exemplifies his other "points of departure": the integration of "Pre-modern "carved," "objectified," space with "infinite and continuous" Modern space, and his use of occupiable poche elements. The utilization of these departure points lends a sense of tension and dynamic flow to an otherwise limited number of projects.

However, even more intriguing to this reader was the parallel development of the architect himself, and the notice-

able shift in his stylistic treatment of buildings. One of the most compelling notions of Ames' work (similar to Meier and Eisenman in this regard) was the ability to almost reject the contextual influences of surrounding sites and simultaneously juxtapose this approach through sympathetic treatment of the projects own site plan. Son of Chang's facade treatment, for example, presents a cold and relentless window pattern and massing to its northern neighbor, but the massing and fenestration to the south, once incorporated with the landscaping, creates an almost poetic composition. However, if one reviews his more recent projects, specifically the Hulce Residence, contextualism is readily applied with its gabled roof forms, Post-Modern window treatment, and a softening material palette. Even the interior has lost some of the tension that existed between "carved" and "infinite" space in his earlier works, replaced with architecturally decorated spaces with niches and arched ceilings. The three-dimensional dynamics of the rotated and superimposed plans that permeated the House in Mississippi and Villa Chang become barely perceptible in the later projects.

It would be a misconception though to interpret this evolution of Ames and his work as a digression from his departure points so clearly stated in his introduction. Ames refers to his projects as a "series of investigations that are not linear in development, nor conclusive as a set." Accepted in this spirit, Ames' *Five Houses* is much less a continuation of *5 Architects* than it is a quality compilation of one architect's personal innovations and explorations of the detached house.

*Renee Sprogis-Marohn is an architect at Skidmore, Owings & Merrill.*

**Building the Octagon** by Orlando Ridout V. AIA Press, Washington, DC, 1989. \$16.95, paperback. Order #R808. Credit card orders, 1/800-242-4140.

**B**uilding the Octagon is the second of a five-volume series on the early history of Washington, DC, and the historic Octagon House, now home of the AIA's Octagon Museum. The book series marks the bicentennial of Washington's founding in 1790 and places the building in the context of American architectural history and the founding and growth of Washington.

Author Orlando Ridout is chief of the Office of Survey and Registration of the Maryland Historical Trust. His book examines the design and construction of a house in a period in which "the scope and the complexity of the more important projects launched in Washington during the 1790s proved to be important factors in the gradual acceptance of architectural design and supervision as a distinct part of the construction process." Ridout recounts the design and construction history of the house, relating it to early residential development in Washington. He focuses on the working relationship among the designer, William Thornton; the client and owner of the house, John Tayloe; and the builder, William Loving. He compares the house as built to earlier versions of the design by Benjamin Latrobe, and examines the craft traditions of early 19th-century building and the way in which they operated.

Dell Upton, associate professor, Department of Architecture, University of California, Berkeley, writes, "Ridout's memorable portrait is the first to recover the multiple significance of the Octagon to the architectural history of the new nation, and the cultural landscape of the Chesapeake slave-holding elite."

Sketchbook

## Current Trends in Health Care Architecture

By Sheila Fogel Cahnman, AIA

The ever changing health care industry presents a myriad of opportunities for architects. Competition between health care providers is keen; for hospitals to survive and flourish, they must attract patients, physicians, and staff. Often the attraction is new or renovated facilities to meet their needs.

Three main factors have launched a new age of health care design. First, the recent policies of cost containment by government and the insurance industry have set fixed reimbursements for each medical condition (the Diagnostic Related Group or DRG) rather than for each procedure or length of stay. If a medical condition can be treated with little or no hospitalization, then money can be made. As more patients are treated as outpatients, less hospital beds and more ambulatory care areas are required, turning the conventional hospital plan topsy-turvy.

Secondly, new sophisticated diagnostic and treatment equipment that provide non-invasive procedures never dreamed of 20 years ago must be accommodated, usually within outmoded physical plants. Likewise, hospital beds are filled by an increasingly older and more acute patient supported by increasingly complex technologies.

Thirdly, hospitals are marketing their services to an evermore savvy, independent consumer. This consumer shops for the most pleasant, convenient facility that offers the perceived best health care. Patients also follow physicians who are lured by top notch facilities.

This article will explore some of the ways architects work to build this changing health care environment.

Architects address the most broad-based planning issues and trends through master planning and facility analysis. Hospitals need architects and engineers to assess the physical limita-

tions of their existing facilities based on life span of mechanical/electrical systems, current code deficiencies, and structural capabilities. Site limitations due to zoning, soil conditions, and existing utility locations can prove the key to building expansion capabilities. The hospital's strategic plan outlines what health services will expand and what will be curtailed based on five- to ten-year projections. Demographics, market share, and changing technologies are considered.

The architect, as planner, then reviews the existing departmental relationships and physical configurations against future relationships and space requirements. The result is an often complex roadmap for the hospital detailing renovation and expansion options based on specific priorities, their cost and time frame. For instance, a hospital may target their surgery department as a priority. It may be identified as a "center of excellence" to be expanded or renovated to meet "state of the art" design for asepsis and technology. The location of a surgery department dictates many proximities, including intensive care units, and requires careful study of vertical and horizontal circulation to patient floors. Renovation of existing operating rooms often results in an unacceptable level of construction disruption. Existing mechanical/electrical systems and floor-to-floor heights may be too limiting. Therefore, new construction may be considered, and the location of the unit key to the development of the entire campus. In effect, the hospital is like a small city, with multi-tiered relationships of its parts.

New medical technologies present architects with many challenges. There is a whole new world of procedures, such as cardiac catheterization and angioplasty (viewing and clearing the arteries by catheter) and lithotripsy (breaking up kidney or gallstones by shock wave), that have reduced the need

for surgery. Not only do these procedures require specialized construction but also an increased sensitivity towards the patient who is alert during the procedure. Anxiety can be reduced by making the environment less threatening.

Significant developments in radiological imaging, such as the C.T. Scanner and MRI (Magnetic Resonance Imaging) can require very specific facilities. The MRI is a highly sophisticated imaging tool that creates two- and three-dimensional images of soft tissue as never before. The MRI magnet and patient gantry can weigh upwards to 40,000 pounds. The magnetic field generated by the equipment can wreck havoc with electronic monitoring equipment, computers, or even heart pacemakers. Some MRIs require an enclosure of one-inch thick steel plates for this purpose. Likewise, some MRIs also require radio frequency shielding to keep radio waves from disrupting imaging. The architect must assess whether existing structures can handle all these specialized requirements or if new construction is more feasible.

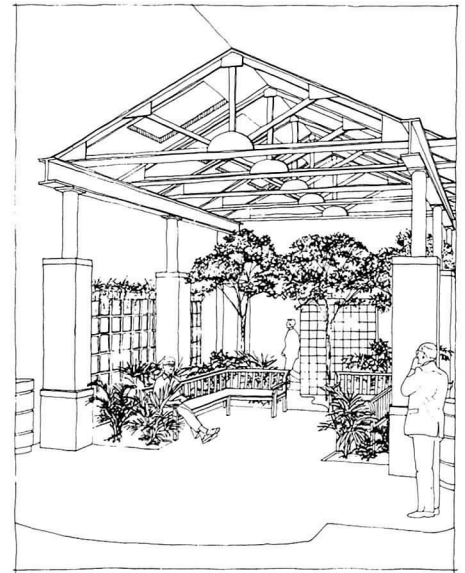
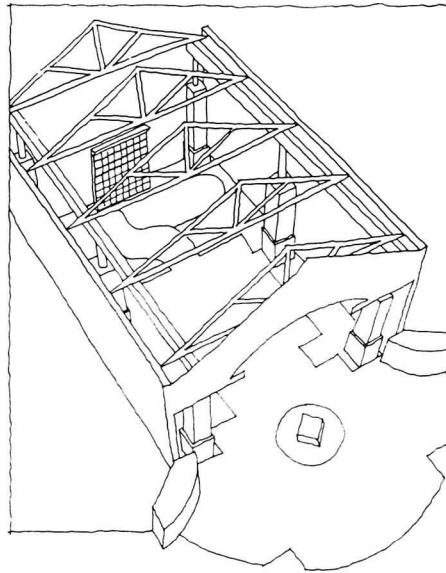
Careful planning can have exciting results. At Riverside Methodist Hospital in Columbus, Ohio, the MRI was added by new construction adjacent to the radiology department. This allowed the magnetic field to flow, without shielding, into an outside walled landscaped area. The room itself became an apse with floor to ceiling fenestration, relieving the patient's claustrophobia, and de-emphasizing the equipment. As these more sophisticated technologies develop, architects must artfully shape a more humane environment for the patient's comfort and, ultimately, their health.

With increasing competition, hospitals are striving for a "user friendly" facility, throwing out all that once symbolized hospital as institution. The hard, clean "whiteness" that once signified efficiency and sterility have made way for the "high touch" approach of hotel-like interiors. Hospitals want to capture their market under a continuum of care, making theirs a family facility, from birth to death. This is coupled with community outreach or "wellness" programming.

The hottest "high touch" trend is the hospital-based birthing center, a new marketed approach to the old time obstetrics delivery room. Community hospitals especially feel that if families birth there then they will continue to use affiliated physicians and programs.



Oncology Center, Portsmouth, Ohio. Hansen Lind Meyer. Study sketches of the enclosed court. The building is organized around an enclosed court, which is an extension of the entrance porte-cochere. The entry sequence, which begins as a symmetrical formal procession, is transformed into a winding path during the transition from entry to procedure.



Traditional hospital delivery consisted of a woman laboring in an exam room, then being transferred to deliver in an operating room, recovering in a curtained cubicle and then sleeping post-partum in a typical semi-private room. The new approach, known as LDR or LDRP, allows for labor, delivery, recovery and sometimes the two-day post-partum stay in one room for normal non-surgical deliveries. This system saves on space and staffing. Savvy couples are insisting on more homelike, comfortable rooms for a birthing experience with less medical intervention. Hospitals and architects are responding with often luxurious bedrooms finished with vinyl impregnated wood floors, fabric wallcovering, and designer lighting. Furnishings often include sofas, easy chairs, VCRs, and whirlpool baths. Medical gases, equipment, and supplies are hidden until delivery time, then afterwards carefully stored out of sight. The nine new LDRP rooms at Rush North Shore Medical Center in Skokie feature carpeted "living room" areas with cathedral ceilings.

Another example of this "high touch" approach is the trend towards renovation of semi-private into updated private patient rooms. Some hospitals have carried this one step further to create VIP suites for ailing dignitaries and their entourage. Many tertiary care centers such as Rush Presbyterian St. Luke's Medical Center are investing in adjacent "hospital hotels" to serve not only patients' families but the patients themselves. Patients receiving outpatient treatment such as cataract surgery can stay overnight at less cost than in a hospital bed, but can obtain medical assistance quickly if necessary. Hospitals will continue to meet new

levels of patient comfort as consumers' expectations rise.

The free-standing outpatient treatment center is another growing trend in health care design. Hospitals and independent physicians groups are developing these centers for ambulatory surgery, radiology (including MRIs) cancer treatment, and in some states, birthing centers. The free-standing facility can be more convenient for patients, family, and staff by providing quick drop-off and on-grade parking. This convenience is especially important for cancer patients who receive radiation therapy in many short visits over a six-week period. Rigid health care and building codes do not necessarily apply, and, in general, a free-standing center can be built at a lower cost per square foot. The design can be totally non-institutional, lessening patient anxiety and contributing to the healing process.

The new Indiana Regional Cancer Center in Indianapolis, completed in Fall 1989, is a free-standing 23,000 sq. ft. one-story building on a medical campus, which will provide radiation therapy and chemotherapy. The lobby features exposed wood trusses and a large brick fireplace and hearth to establish a lodge-like effect. Two strategically placed skylit interior courtyards carry this theme. In addition to medical functions, there is a boutique for cancer patient accessories and a lending library. The major disadvantage to the freestanding center is the duplication of staff that could be consolidated within a hospital, and of course the additional capital cost of new construction. Yet, from the marketing standpoint, these centers have a distinct identity that can easily be promoted. They offer the health care architect the opportunity to

stretch the limits of typical medical design.

As new medical treatments evolve to cure our ills, health care providers will constantly be in need of architects to update, renovate and build anew. Whole new directions in hospice design, design for the elderly, and medical research will present more opportunities. Hospitals realize that good design can attract patients, physicians, and staff to their facility; good master planning and programming can greatly influence their financial stability. The health care architect has the lead role in strengthening and improving the physical environment for healing.

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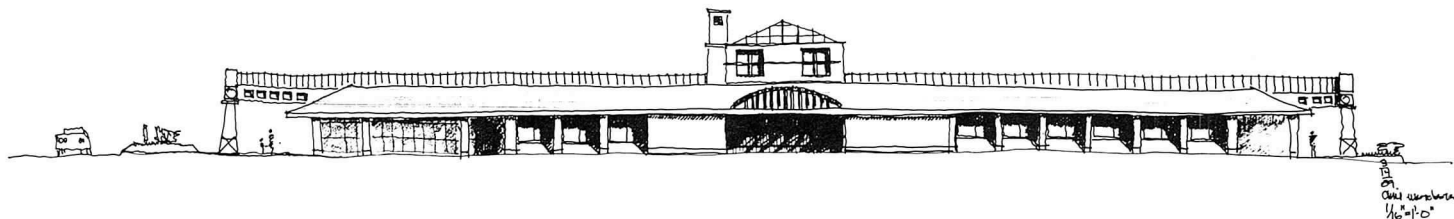
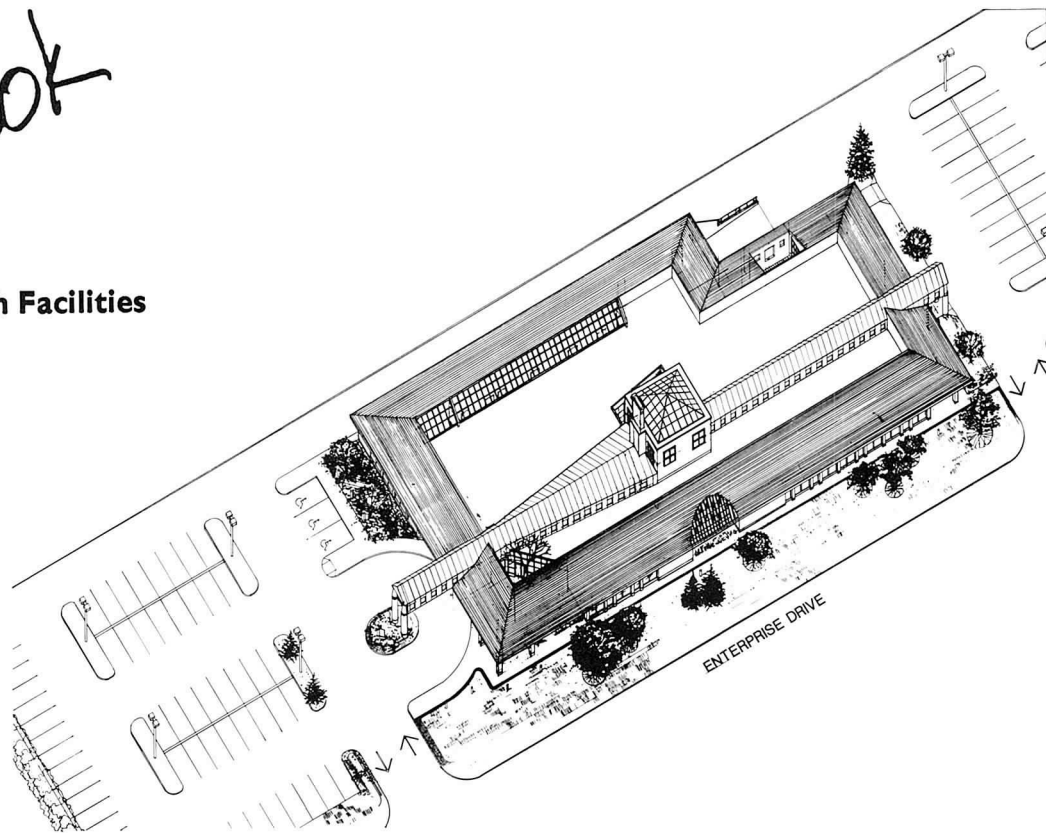
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Doubilet, Susan. "The Fittest Survive." *Progressive Architecture*, May, 1987.

*Sheila Fogel Cabnman, AIA, is an associate with the firm of Hansen Lind Meyer Inc., specializing in the management and design of health care projects. Her current projects include Rush North Shore Medical Center, Obstetrics Addition at Highland Park Hospital and the Indiana Regional Cancer Center in Indianapolis. She is the former president of Chicago Women in Architecture and current Illinois liaison to the national AIA Women in Architecture Committee.*

# Sketchbook

## Health Facilities



### *Pediatric Diagnostic & Treatment Center*

*Westchester, Illinois*

This outreach facility to serve the western suburbs is being developed by The Children's Memorial Hospital of Chicago. It will contain 22,000 square feet and will feature outpatient surgery, physician exam suites, and supportive diagnostic and treatment areas. Bright, cheerful colors and warm textures will contribute to an identifiable scale appropriate to the children and family using the facility. Dramatic use of skylights will bring natural light deep into the plan supporting the ambiance.

*Anderson, Mikos Architects Ltd.*  
*Oak Brook, Illinois*

A full service architectural and interior design firm founded in 1985. Specialties include design of health facilities, other institutional building types, and commercial projects. Current representative health facilities commissions include: an Inpatient Bone Marrow Transplant facility, also for The Children's Memorial Hospital; The Frankel Pediatric ICU

facility for the University of Chicago Medical Center; OR remodelling, cardiac and cardiology consolidation, and Ambulatory Surgery Unit for Northwestern Memorial Hospital; and a 40-bed head trauma inpatient care addition to Colonial Manor.

### **Sketchbook Schedule**

- April - SINGLE FAMILY HOUSING. Materials due February 19
- May - PRESERVATION/RESTORATION. Materials due March 19.
- June - VACATION HOUSES. Materials due April 19.
- July/August -  OFFICE INTERIORS AND TENANT IMPROVEMENTS. Materials due May 16.
- September - UNIVERSITY/COLLEGE BUILDINGS. Materials due June 20.
- October - LOW INCOME/AFFORDABLE HOUSING. Materials due August 1.

Please submit a PMT of sketches and/or hardline drawings in an 8 1/2 x 11 format. Conceptual/preliminary sketches are of particular interest. Drawings that do not require the making of a half-tone are preferred. You should send a description of your firm, up to 60 words, and keep the description of the project to 100 words so that space can be devoted to drawings.

**Morris Hospital**  
Morris, Illinois

Replacement of the original out-dated hospital building at Morris with a new two-story wing and entrance pavilion not only provided for the upgrading and expansion of inpatient and administrative services, but also significantly increased the hospital's image as a progressive and comprehensive health care center within the county. Entry from the covered driveway into the imposing, yet friendly, two-story lobby welcomes both patients and visitors.

A unique planning feature of the building is the 30-bed nursery unit on the second floor, which offers separate but flexible-sized areas for pediatric and medical/surgical patients nursed from a single station. The exterior design is very much in context with the surrounding residential neighborhood. The masonry arches and supporting projections of the second floor recall design elements found in the historic building of the nearby town center.

**Matthei & Colin Associates**  
Chicago

Since 1974 the firm has provided design services on over 145 projects with an aggregate construction cost in excess of \$330 million. Project experience includes education facilities, medical schools, basic science and clinical research laboratories, physicians office buildings, and elderly and specialized housing.

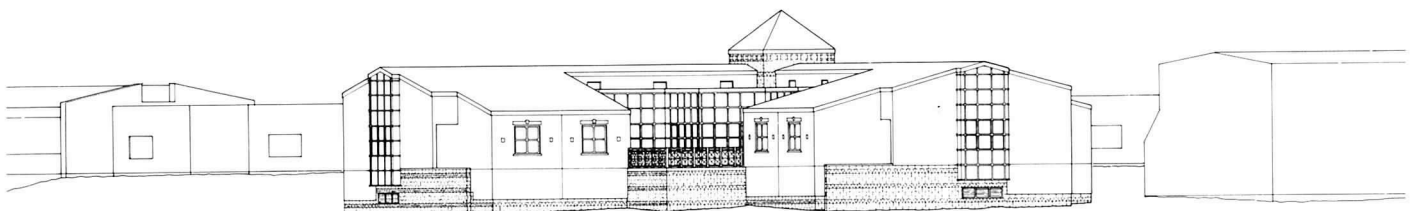
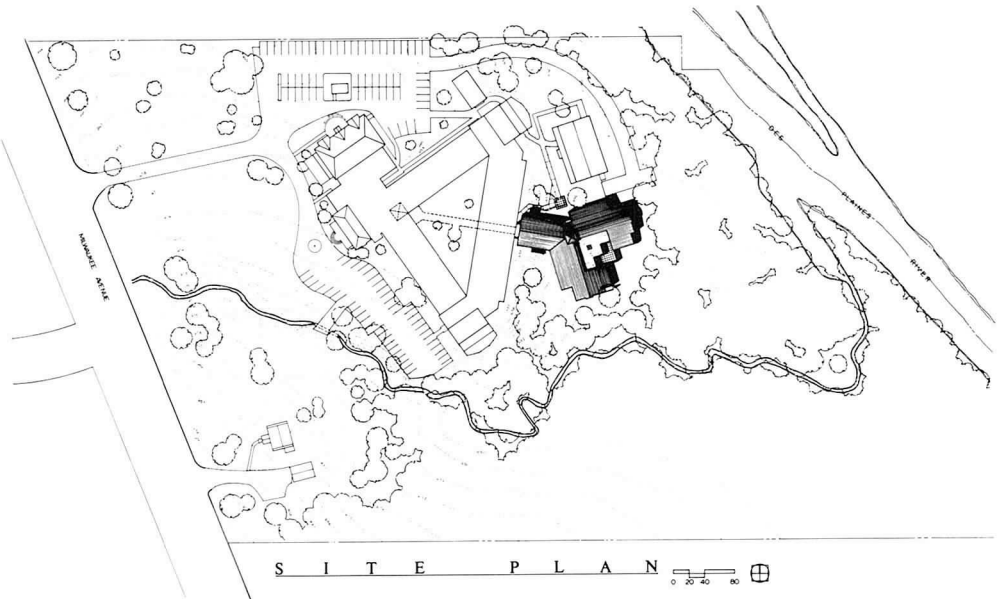


**Parkside Lodge of Mundelein**  
Mundelein, Illinois

This is a 100-bed treatment facility for alcoholism and other chemical dependencies. New construction consists of patient rooms, a lounge, meeting rooms, and offices, nestled in a heavily wooded site next to the Des Plaines River. Breaking the 10,000-square-foot building footprint into separate, articulated parts reduced the building mass and minimized its impact on the environmentally sensitive area. In addition, these articulated parts gave a more residential quality to a facility where the average patient stays 30 days or longer.

**Rozovics + Associates Architects**  
and **Richard Jay Solomon & Associates**  
Chicago

Rozovics and Associates is an eight-person firm, with offices in Chicago and Prairie Du Sac, Wisconsin. In addition to specializing in renovation and space planning for healthcare patients, the firm is involved in a variety of projects and building types in conjunction with Richard Jay Solomon and Associates (Chicago). Current projects include 65,000 square feet of interior renovation and new construction for the Obstetrics Department at Lutheran General Hospital in Park Ridge, Illinois.



**Silver Cross Hospital Emergency Addition**  
*Joliet, Illinois*

This 32,000 square foot Emergency Department addition serves as a Level II Trauma Center, as well as a Primary Physician's Office. To this end, the unit is divided into two patient care sections: the customary emergency room and a more "comfortable" physician's office suite. The waiting room has seating for 40 family members and is arranged in small groups for privacy. Patients transported to the Hospital by EMS vehicles are received in a three-bay sally port, while ambulatory patients are received under a translucent skylight. Major exterior materials are brick, limestone, and painted aluminum.

**O'Donnell Wicklund Pigozzi and Peterson Architects Inc.**  
*Deerfield, Illinois*

Diversified areas of OWP&P Architects work include health and life care, corporate, interiors, educational, and municipal facilities. Representative health care clients include Resurrection Hospital, Chicago; St. Francis Hospital, Evanston; Copley Memorial Hospital, Aurora; and Lutheran General Hospital, Park Ridge.



**James Cox Associates, Inc.**  
*Chicago*

Formed in 1972, the firm's practice is primarily in the health care and health related fields, with involvement in ambulatory care facilities, elderly housing, nursing homes, and numerous expansion renovation projects for hospitals around the country, working in joint venture with some of the larger architectural/engineering firms in the country on major projects. JCA was recently awarded a facility development plan from the Veteran's Administration for master planning for six VA medical centers. Major projects include replacement facilities for Rushmore National Health Services, Rapid City, South Dakota; for the Northern Illinois Medical Center, McHenry, Illinois; and for Lakeshore Health Services, Manitowoc/Two River, Wisconsin.

**Marion Memorial Hospital**  
*Marion, Illinois*

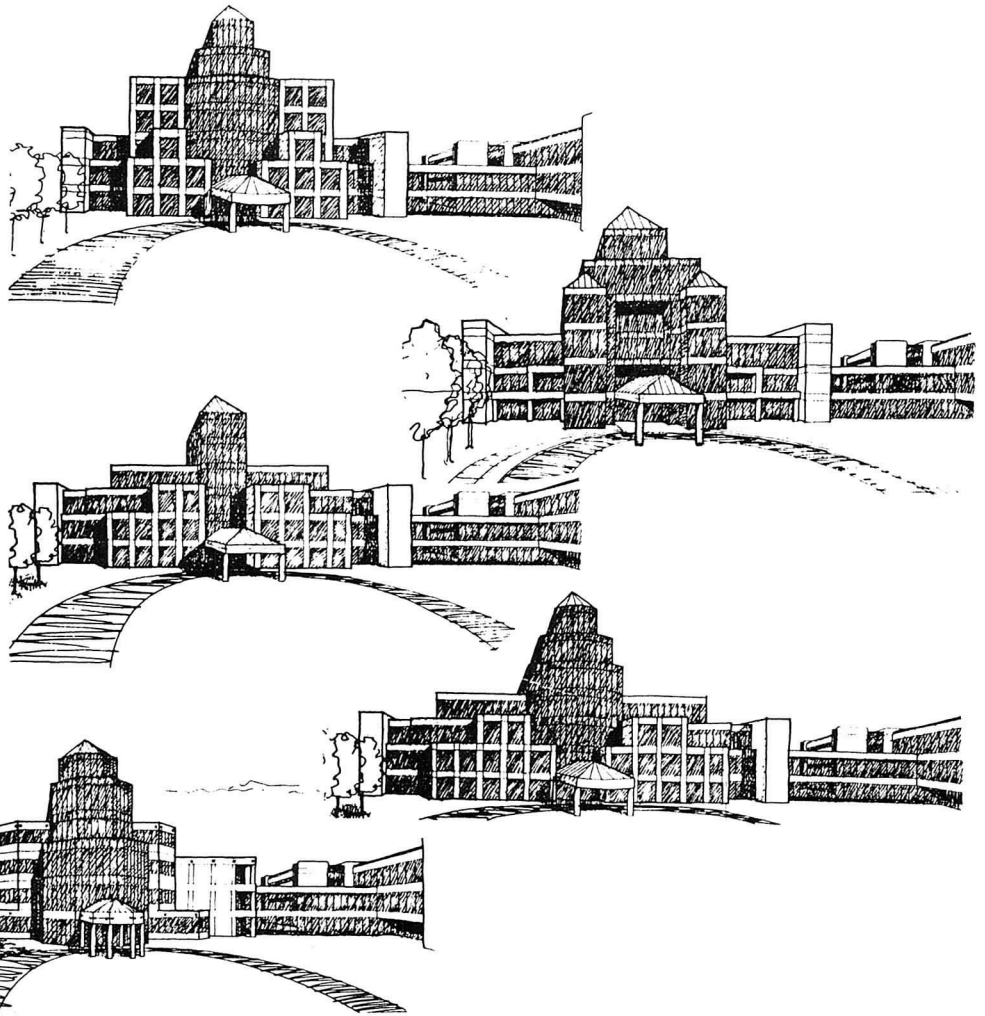
This is a 120-bed replacement facility for a community hospital in southern Illinois.



**Proposed Health Information  
Technology Center - Medical College of  
Wisconsin**

*Wausau, Wisconsin*

(Study sketches.) The proposed health information technology center at the medical college of Wisconsin will provide a new image and a "front door" to the expanding campus. It will house clinical programs, administrative offices, student amenities, and the school's medical library. The facility will be free-standing, connected to the other buildings via glass walkways that emulate the horizontal bands of glass on the existing buildings.



**Hansen Lind Meyer  
Chicago**

The firm was founded in Iowa City, Iowa in 1962; the Chicago office opened in 1977. Other offices are in Orlando, New York, Baltimore, and Denver. Experience in the design of institutional facilities includes major university teaching hospitals, regional medical centers, federal prisons and county jails, and life care facilities. HLM pioneered the overlay drafting system, and the firm was one of three selected by the AIA to serve as a model on management styles.



**CPS - Outpatient Psychiatric Facility  
Rochester, New York**

This facility was developed for the University of Rochester-Strong Memorial Hospital. The focus of the project is the central registration area featuring a curved glass block wall and articulated spine covered with a barrel vault skylight. Dramatic spaces, finishes, and lighting serve to enhance the patient's visits in what is typically an austere setting. The project has been recently completed.

**Metis Associates, Ltd.  
Chicago**

The firm was established in 1984 as a specialized health care facility planning and design consulting firm. Its entire facility practice is devoted to the health care market, with a national client base. Services provided range from master facility planning through design development, typically working with a local architecture/engineering team. Recent projects include physician tenant spaces, freestanding outpatient facilities, diagnostic imaging facilities, large acute care/diagnostic and treatment additions and renovations.

# THE CALENDAR



## February

1 ▼

### ASID Paint Seminar

*Paint: An Integral Element of Design.* Co-sponsored by Benjamin Moore. \$85. Mart Plaza Hotel, 14th floor. Mary C. Tasch, 527-7552.

### Roche Travel Scholarships Deadline

Applications must be received by 4 pm. at the CCAIA Chapter Office.

### Exhibition Closes

*Memory and the Architecture of Imagery.* Marisa Grifone. Graham Foundation. 4 W. Burton Place.

4 ▼

### Technical Committee Meeting

At Chicago Bar Association. 29 S. LaSalle St. Lunch available at the 11th floor cafeteria. 12 to 1:30 pm.

5 ▼

### CCAIA Foundation Meeting

Boardroom. Noon.

### Deadline For Intent To Enter

CCAIA Interior Awards. For information call the Chapter Office.

### Exhibition Opens

*En Charrette.* Work submitted by leading architectural and design schools. Sponsored by the CCAIA and the Chicago Athenaeum Gallery. Through February 10. 333 Wacker Drive. Reception 5-7 pm.

### LPCI Winter Lecture Series

*State Street (That Great Street).* Speakers, Daniel P. Coffey, Sara G. Bode, David Mosena. \$7. The North-

ern Trust Company, 50 S. LaSalle St; Assembly Room, 6th floor. 5:30 to 7 pm. 922-1742.

6 ▼

### Structural Engineers Association Meeting

*Recent Developments in Deep Foundation Design and Construction.* Clyde N. Baker Jr. \$18. Como Inn. 546 N. Milwaukee Avenue. 6 pm. Nancy Gavlin, 644-2295.

7 ▼

### CAF Lecture Series

*And The Walls Come Tumbling Down? Avoiding Building Cladding Problems.* Jerry Stockbridge, Wiss Janney Elstner Associates. Archicenter Gallery. 330 S. Dearborn. 12:15 to 1 pm.

### UIC Lecture

*Architecture of Pee-Wee's Playhouse.* Ric Heitzman. Behavioral Sciences Building. 1007 W. Harrison St. 5 pm. Phoebe Tree, 996-7758.

8 ▼

### CCAIA Anniversary

100 Year Anniversary of the incorporation of the Chicago Chapter of the American Institute of Architects.

### Graham Foundation Exhibition Opening

*Advanced Structures From Around the World.* 20th Century Engineering Achievements. 4 W. Burton Place. Through March 8.

### Graham Foundation Lecture

*The New Art of Structural Engineering.* David Billington. 4 W. Burton Place. 8 pm.

### IES Dinner/ Lecture

*Retail Lighting.* Joint meeting with the Institute of Store Planners. Merchandise Mart. 6 pm. Connie Whiteley, 708/657-3800.

10 ▼

### Unilock Seminar

*Concrete Block Paving.* Dr. Brian Shackel. IIT, Engineering Building

One. 10 am to 2 pm. 708/892-9191. Also held 2/12. Holiday Inn Crowne Plaza; Lisle, Il. 5 to 10 pm.

12 ▼

### Chicago by Design Committee Meeting

CCAIA Boardroom. Noon.

### LPCI Annual Winter Lecture Series

*The "New" South Side.* Speakers, William Farina, Gerald Fogelson, Carl Grip. \$7. The Northern Trust Company. Assembly Room, 6th floor. 50 S. LaSalle St. 5:30 to 7 pm. 922-1742.

13 ▼

### Executive Committee Meeting

CCAIA Boardroom. 8 am.

14 ▼

### CAF Lecture Series

*Plans for Our Lakefront: Navy Pier and McCormick Place.* James Reilly. Archicenter Gallery. 330 S. Dearborn. 12:15 to 1 Pm.

20 ▼

### UBC Earthquake Provisions Seminar

International Conference of Building Officials. For complete information: Education Department, 213/699-0514.

### Interiors and Computer Committee Seminar

*Computer Applications for Interior Design.* \$5, members; \$10, non-members. CCAIA Boardroom. RSVP, Chapter Office.

21 ▼

### Oakton Community College Seminar

*Load and Resistance Factor Design.* \$225. The Institute for Business and Professional Development. Oakton Community College, 1600 E. Golf Road. Des Plaines, Il. 8:30 am. to 5 pm. Keri Thiessen, 708/635-1932.

### CAF Lecture Series

*Uptown Theater Restoration: The Stage is Set.* L. Curt Mangel III, Uptown

Productions Inc. Archicenter Gallery. 330 S. Dearborn. 12:15 to 1 pm.

**23 ▼**  
**Exhibition Opening**

*Sir Christopher Wren and the Legacy of St. Paul's Cathedral.* The Octagon. 1799 New York Avenue, N.W. Washington, D.C. Through May 8.

**Exhibition Opening**

*Art as Architecture, Architecture as Art.* Ellen Frank and Chicago Architects. 5:30 to 8 pm. Gwenda Jay Gallery. 301 W. Superior, 2nd floor. 644-3406.

**27 ▼**  
**CCAIA Board Meeting**

Boardroom. Noon.

**28 ▼**  
**CAF Lecture Series**

*Federal Reserve Bank of Chicago: LaSalle Street Preserved and Updated.* Jeff Case, Holabird & Root. Archicenter Gallery. 330 S. Dearborn. 12:15 to 1 pm.

**UIC Lecture**

*Imagination and the Place of Architecture.* John Sallis. Behavioral Sciences, 1007 W. Harrison St. 5 pm. Phoebe Tree, 996-7758.

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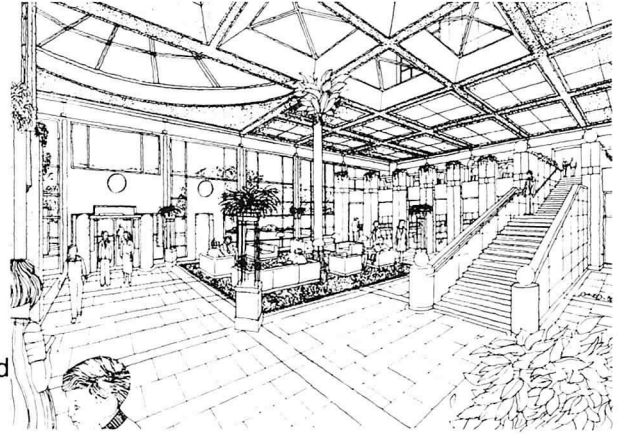
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## FOCUS NOTEBOOK

### PEOPLE

▼  
**Solomon Cordwell Buenz & Associates Inc.** has announced the following appointments: **John C. Lahey**, AIA, senior vice president; **Fred J. Abrams**, AIA, vice president; **Steven F. Weiss**, AIA, vice president; **Michael J. Lough**, AIA, associate; and **Julio Rufo**, AIA, associate.

▼  
**Frank E. Heitzman**, AIA, has been appointed by the director of the Illinois Historic Preservation Agency to the Illinois Historic Sites Advisory Council for a three-year term beginning with January of this year. At the first transitional meeting in Galesburg in December, Heitzman was assigned to serve as a member of the grants committee. The Council hears proposals for and determines which Illinois buildings and sites are to be listed on the National Register of Historic Places. It also determines the disbursement of state preservation grants to individuals and institutions engaged in survey or historic preservation work.

▼  
**Ralph Wiser**, AIA, and **Paul Schwab**, AIA, have been named associates of **Anderson, Mikos Architects Ltd.** Since joining the firm in 1985, Wiser has been chief draftsman and senior project architect responsible for all the Children's Memorial Hospital Chicago projects. Schwab has been with the firm since 1987 and is the senior project architect responsible for all Northwestern Memorial Hospital projects and a number of other institutional and health facilities clients.

▼  
**Thomas Imperato** has joined **Anderson, Mikos Architects** as director of Interior Architecture. Imperato is responsible for all aspects of interior design and for directing the interiors and technical staff. He provides overall direction and coordination for all interior projects. Previous to joining Anderson, Mikos Architects, Imperato was director of Interior Design at Matthei Colin on corporate and health care projects. ►





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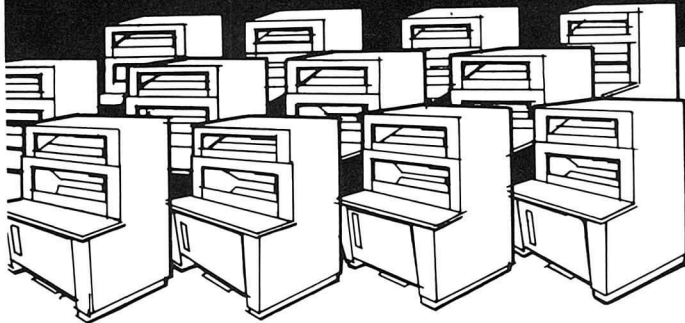
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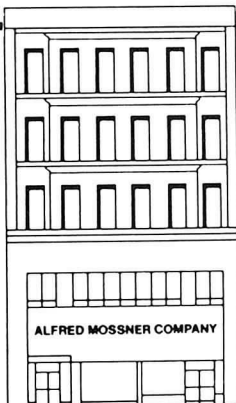
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▼  
**Bob Fugman, AIA**, Fugman Dakich & Associates; **Ralph Johnson**, Perkins & Will; and **John Syvertsen, AIA**, John Syvertsen Architects, formed the jury for the St. Louis Chapter, AIA annual awards program for interiors projects.

▼  
**Foliage Design Systems of Chicago**, the interior landscaping firm that provides the Chicago Chapter with its greenery, has once again been recognized by the Florida Nurserymen and Growers Association (FNGB) in their annual Landscape Awards Program. The Chicago firm, under the direction of Ken Gallt, president, was honored with an Award of Excellence for the Maintenance of One Imperial Place in Lombard, Illinois.

▼  
**Barbara J. Falconer, AIA**, and **R. J. Brennan** have joined **Perkins & Will** as project managers for the Chicago office's Interiors Group. Prior to joining P&W, Falconer was a vice president of Architectural Interiors, Inc., Chicago, and has held positions with the Chicago Housing Authority and SOM's Chicago office. Falconer's work for P&W includes interior design for the 120,000-square-foot offices of A. T. Kearney in Chicago. Brennan was formerly a senior associate with Facility Design Associates, Inc., Chicago, and has worked for RMM, Inc., Chicago. His current P&W work includes the 230,000-square-foot Rookery tenant development program.

▼  
**Russo + Sonder (R+S)**, a New York-based architectural firm, has merged with **Perkins & Will**. The R+S staff will join P&W's New York office. Joe Shein, R+S principal, joins P&W's Aaron Schwarz as co-managing partner of P&W's New York office. The other principals in the combined practice include Don Blair, Jim Garretson, Carl Lewis, Jean Mah, Richard Sonder, and Ephraim Wechsler.

▼  
**Gary Bonikowski, AIA**; **James P. Cagnina, AIA**; and **Gregory J. Gobel, AIA**, have been named associate principals of **Fujikawa Johnson and Associates**. Bonikowski and Cagnina had been senior associates of the firm; Gobel an associate. Bonikowski, who joined the firm in 1971, has been project architect for several recent residential high-rise projects, including North Harbor Tower and Buckingham Plaza. Cagnina, with the firm since 1966, has been project architect on a number of ►



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high-rise office projects, including Boulevard Towers North and South, and currently 300 E. Randolph St. Goebel joined the firm in 1978 and has been project architect on a variety of commissions, including the Harger Woods Corporate Center in Oak Brook and the federal GSA office building under construction in the Loop.

▼  
**Holabird & Root** has announced the opening of a full-service regional office in Rochester, Minnesota under the direction of Greg Cook, AIA, Associate. The Rochester address is 400 S. Broadway, 55904, telephone 507/288-8088.

▼  
**Michael Goff**, CCAIA Associate member, has joined **Holabird & Root** as director of Information Services responsible for coordinating and managing the integration of computer tools into all aspects of office operations. Goff was formerly with SOM, where he managed studio computer applications and education for the Chicago office.

▼  
**Raymond J. Green and Associates/Architects, Inc.**, Evanston, announces that **Carole Donovan Pugh**, AIA, has been named senior associate. She continues her project management

responsibilities, and recently managed the firm's multi-million dollar addition to and renovation of Maple Junior High School, Northbrook, Illinois. Jerry McDonald, coordinator of Construction Services, has been named an associate of the firm responsible for construction management, field observation, and quality control of all drawings at the firm.

▼  
**Serena-Sturm Architects, Ltd.** announces the relocation of its office to 3351 Commercial Ave., Northbrook, IL 60062, telephone 708/564-0370.

#### EXHIBITS

▼  
**At the Graham Foundation:** "Advanced Structures from Around the World" opens with a lecture on Thursday, February 8, 8 p.m., Graham Foundation, 4 W. Burton Pl., Chicago. David P. Billington, professor of Civil Engineering at Princeton University, who has actively participated in the design of bridges, piers, thin-shell tanks, and other structures will discuss "The New Art of Structural Engineering." His book *Robert Maillart's Bridges: The Art of Engineering* (1979) won the 1979 Dexter Prize as an outstanding book in the history of technology. His latest

book is *The Tower and the Bridge*. The exhibition continues through March 8.

▼  
**At the Gwenda Jay Gallery**, 301 W. Superior, Chicago: "Art as Architecture. Architecture as Art," opens Friday, February 23 5:30-8 p.m., continuing through March 23. Sculpture and paintings by Damian Bird and Linda Vredevelde continues through February 17 at the gallery.

▼  
**At the Octagon Museum** in Washington, D.C.: "Sir Christopher Wren and the Legacy of St. Paul's Cathedral," which opens on February 23 and runs through May 8. Britain's Prince Charles will open the exhibit on a trip to the U.S. in February. HRH will present a major address at a gala coinciding with Grassroots, the annual meeting in Washington of component presidents, presidents-elect, and executive directors. The exhibition features the greater part of surviving drawings of St. Paul's and includes 120 drawings, models, paintings, manuscripts, and artifacts describing the design and construction of Wren's most ambitious work.

#### SEMINARS

▼  
**LPCI Annual Winter Lecture Series**, "The Missing Pieces - Solving the Preservation Puzzle," looks at how landmarks can be integrated into new projects in Chicago's Central Area. It opened on January 29 with a discussion of River North. The other downtown areas and their built heritage, their planned future, and the missing pieces of the preservation puzzle will be explored: on February 5, the focus will be on State Street, its recent mall design and new projects about to begin construction; on Monday, February 12, the "New" South Side, stimulated by the Central Station project, will be in the spotlight. Each lecture is \$6, LPCI members; \$7, non-members. Registration information: call 312/922-1742.

▼  
**The Society for Marketing Professional Services** has set up its calendar for 1990 and welcomes those involved in marketing. Except for April 12, which is reserved for members only, SMPS will meet from 11:30 a.m.-1:30 p.m., at the Midland Hotel, 172 W. Adams, Chicago for its education/lunch-on programs on January 11, February 9, March 8, May 17, June 14, July 12, September 13, October 11, and November 8. For more information, call Christine Momich, 312/977-1100. ▶



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▼  
**"Load and Resistance Design: The Cutting Edge of Structural Steel Design"** will be held Wednesday, February 21, at Oakton Community College, Des Plaines. The seminar, geared for engineers, architects, detailers, and anyone involved with the design of structural steel, will present the essential aspects of LRFD, including philosophic background, basic principles, and detail applying to common design problems. Abraham J. Rokach, president of Rokach Engineering P.C., Chicago, and author of the *1986 Guide to Load and Resistance Factor Design* will lead the discussion. For more information, contact Keri Thiessen, 708/635-1932.

▼  
 You can learn the critical elements of project administration at the AIA sponsored professional development workshop **"Project Administration, The Path to Improved Profitability"** on Tuesday, February 13 in Chicago at the Holiday Inn City Centre, 8:30 a.m. - 4:30 p.m. On board are Howard Birnberg and Ralph Stephenson, P.E. For registration details, call 202/626-7348.

### VARIOUS MATTERS

▼  
**Skokie architects** interested in maintaining the history of the village by working toward the enactment of a Skokie Historic Preservation Ordinance please contact David L. Rubin at 673-1888 or 675-5887.

▼  
**An Eastern European architect**, a member of the Hungarian Architect Union, has written the Chapter regarding his interest in "adopting American style residential building designs and standards" in Hungary. He writes further that "we have not done very much to date in single family dwellings...I would like to be among the first to introduce your methods and designs." Kalman Timon of Budapest is looking for firms interested in joint ventures in Eastern Europe, and would like information on one-year scholarships, internships, exchange programs, or other industry-sponsored programs with emphasis on new technology in home construction, the "North American and Eastern European architecture connection," and energy and economics of single family dwellings. Please write Kalman Timon, 1025 Budapest, Torokvesz ut 113.I.3, Hungary and/or contact the FOCUS editor for a copy of Timon's letter and resume.

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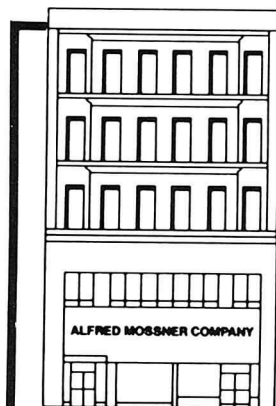
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