

C O L U M N S



VOLUME 7, NO. 1

AIA PITTSBURGH, A CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS

JANUARY 1993

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Computer Shock

Michelle Fanzo, Editor

"It is only when you try to make a living thing of the machine itself that you begin to betray your human birthright. The machine can do great work—yes—but only when in the hand of one who does not overestimate its resources, one who knows how to put it to suitable work for the human being."

—Frank Lloyd Wright

The tremendous amount of response



gathered from members when researching this month's new technology feature tells me computers are an explosive topic—whether it be from the perspective of perfecting 3-D animation or still learning how to save a file. With just enough room to present an overview of the beeping, whirring, clicking invasion in area offices, some of the more futuristic, broader market concepts got pushed off the page. I'd like to intrigue you with the following thoughts picked up off the editing room floor:

The integration of CAD will be so complete in the next decade, the technology will actually "disappear." (An architect not using CAD will be like a dentist not using Novocain, says one hi-tech article.) Clients can play a more interactive role in their projects by manipulating 3-D design images, so there are fewer costly changes later. Mainframe and microcomputer software will merge into one stream, providing the depth of mainframe with the fluidity of the Macintosh. Be ready for holographic CAD libraries, supplier catalogs arriving on CD ROM, life-size 3-D walk-throughs, and office-to-office computer networks, where an architect in Pittsburgh can send a drawing to a firm across town or across the country without leaving his desk.

Now that you're really confused, I'd like to draw attention to *Columns'* letters to the editor page (Insites), where we have nine times the amount of usual correspondence. This has nothing to do with new technology and everything to do with the old concept of an expressive forum. We wish to strongly encourage the further use of your membership publication as a place to communicate ideas, offer praise and voice concerns. Keep the letters coming!

And finally, a warm welcome to Doug Shuck, AIA, our chapter's new president.

'Till next month...🏠

Michelle C. Fanzo

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On the Cover

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award winning Armstrong
County Small Business
Incubator Building.

The Pittsburgh Chapter AIA serves 12 Western Pennsylvania counties as the local component of the American Institute of Architects and the Pennsylvania Society of Architects. The objective of the Chapter is to improve, for society, the quality of the built environment by further raising the standards of architectural education, training and practice; fostering design excellence; and promoting the value of architectural services to the public. AIA membership is open to all registered architects, architectural interns, and a limited number of professionals in supporting fields. Chapter Headquarters: CNG Tower, 625 Liberty Ave., Pittsburgh, PA 15222 Telephone: 412/471-9548; FAX: 412/471-9501.

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Connie Cantor/Executive Editor
Michelle Fanzo/Managing Editor
Joseph P. Cooper-Silvas/Art Director
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Opinions expressed by editors and contributors are not necessarily those of the Pittsburgh Chapter, AIA. The Chapter has made every reasonable effort to provide accurate and authoritative information, but assumes no liability for the contents.

COLUMNS

Insites

Mailbox

Kudos for Columns

In the five years we have been publishing Columns, we have rarely received reactions to the publication. In the last three months we have seen half a dozen members put pen to paper expressing their praise. We would like to share some of your fellow members' thoughts with you.

...The new look to *Columns* is refreshing and we look forward to the expanded editorial perspective.

Deborah Elliott and Charles DeLisio, AIA
STUDIO DeLisio Architecture & Design

Just a quick note of thanks and appreciation for all your work and time putting together the Habitat story for *Columns*..Keep up the energy and enthusiasm!

Scott Mulrooney, AIA

Nice issue!

Bill Swain, FASLA, Associate AIA

...I am impressed with *Columns'* more critical editorial approach. If *Aris* (Journal of the CMU Architecture Department) is seen as an annual forum for thematically focused architectural discourse, *Columns* can be more timely, immediate, and even more controversial. This might take the form of book reviews, debates, or architectural issues in other cities which might be of particular interest to your readership.

Paul Rosenblatt, AIA

I'm enjoying the new look and greater substance of your magazine. As you know, the appearance of *Columns* has gone through a number of changes over the past few years but never this drastic and never with a result so graphically elegant.

Robert J. Bailey, AIA, CCS

Support for Designers

I have been both embarrassed and offended by much of the recent official commentary on the issue of licensing for interior designers. It's almost as if the inferiority complex we as architects suffer in relation to doctors and lawyers is given vent by downgrading our fellow professionals in the interior design discipline.

Mr. Pfaffmann's references to "trade school values" and "flavor-of-the-month profession" bespeak a severe lack of both respect for and understanding of the interior design profession. Our staff includes both architects and interior designers. I have developed enormous respect and admiration for the skills which differentiate interior designers and architects.

Interior designers are not only as skilled, in many cases they are more capable than the average registered architect when it comes to planning commercial space. Interior designers frequently have a much better understanding of both the aesthetic as well as the technical issues, including matters of code requirements.

The assertion that only architects are able to look after the public interest when it comes to matters of building interior space may indeed protect our market for services but it hardly serves the public interest. We as architects have a duty to look after the public interest, which includes supporting legislation which would separate the qualified interior designers from the dilettante who has a flair for color.

We would do better as architects to spend our energy scrutinizing our own standards of professional practice, rather than standing in the way of others who are attempting to improve theirs.

Mark McCormick, AIA
Principal, McCormick McCarthy Inc.

(Editor's note: PSA and the AIA Pittsburgh Board of Directors are opposed to the licensure of interior designers in Pennsylvania.)

Seattle Slight

The following letter was sent to Columns and AIA National as well as Pittsburgh Design Awards juror James Cutler, AIA, of James Cutler Architects in Seattle.

I feel compelled to comment on the decision reached by the jury, which you chaired, for the Pittsburgh Chapter AIA Design Awards Competition, 1992. One of the many benefits of local AIA awards competitions is to encourage quality in design by recognizing good work done within a group of designers. I find your jury's recent decision not to award any of the projects submitted an Honor Award particularly bothersome. It speaks poorly of Pittsburgh and of design professionals in general.

While it is certainly an honor to have one's efforts recognized, it is quite a unique distinction to run a race, and to be awarded a Silver or Bronze medal—or to receive nothing at all—when no one receives a Gold. Regardless of the intentions, your jury's decision appears to be unflattering to all who participated in the competition, as well as the American Institute of Architects.

Sincerely,

A Pittsburgh AIA Chapter Member

Just Wait Until Next Year...

It was great talking with Jim Cutler, AIA on our way in from the airport. I picked him, and his daughter Lucy, up for the '92 Design Awards presentation, which he juried with Seattle AIA colleagues. I learned a great deal from meeting with Jim.

I learned that he was from eastern Pennsylvania. He studied with Kohn at Penn. The last time he had been in Pittsburgh, he was 8 years old and saw a playoff game at Forbes Field. He critiqued my Open Plan submission and shared the benefit of his awards program successes. Jim imagined steel mills when he thought of Pittsburgh. I drove through Oakland, showing him the University Health Center, the Civic Center and to get Lucy, him and me a hotdog from the O.

Seattle, with a Scandinavian heritage, has a great respect for architects. They have many small practices, enough to fill nine pages in their Yellow Pages. Many homes are designed by architects. Blue-collar workers will pay 10% for a \$120,000 house. Seattle had their design awards the week before. They had over 900 people, half of them from the interested public. It's attended on the scale of an important cultural event.

AIA Pittsburgh has some work to do. Our diversity is our strength, not as easy to define. The AIA could rethink our design awards program; what are some ways to begin? The Design Awards should be our premier event because it showcases Pittsburgh and the work its architects do to shape it. We could celebrate our clients who invest in quality buildings. We should invite the citizens of Pittsburgh to join us. It is their city and it's up to us to include them.

I learned something from the 1992 AIA Pittsburgh Design Awards: we need all the members to participate. Not enough eligible buildings were entered. There are Honor Awards unclaimed. Pittsburgh architecture is important and should be celebrated.

For '93, let's all work to make the design awards program into the kind of event worthy of the skill and effort it takes to build.

A Celebration!

David Julian Roth, AIA

Aviary Applauds Architects

As you know, the Pittsburgh Aviary recently became the first publicly funded area attraction to make the transition to private non-profit status. As you can imagine, the road has been rocky at times. We had to address the serious matter of funding the Aviary and keeping the doors open to the public. Looking back, there wasn't much room for error. But thanks to the talent, hard work, and support of more people than I can name here, the Aviary will continue to be one of Pittsburgh's premiere attractions.

In our case, a number of factors contributed to our successful transition. But one of the very brightest moments was AIA Pittsburgh's commitment to help the Aviary. Through the good offices of Chuck DeLisio, AIA Pittsburgh offered to visit the Aviary and make suggestions for interim and permanent improvements. Your chapter assembled a team of architects—Chuck DeLisio, Lisa Aufman, Margaret Ringel Baker, Veronica Berchok, and Ray Calabro—who visited the Aviary frequently, consulted with colleagues, and, in late August, delivered a stunning design charrette containing a detailed list of interim and permanent improvements, complete with cost estimates and perspective drawings.

I can't begin to tell you how important this document has been to the Aviary.

From a purely physical-plant perspective, the design charrette suggested a number of cost-effective and elegant alternatives to our dated "1950s look." But the AIA design team gave us more than a contemporary look; they also suggested ways in which we could correct our existing cumbersome visitor circulation patterns. Obviously, as an institution that depends on public attendance, an attractive and modern facility that meets public expectations is vital.

But equally important, the AIA design charrette demonstrates to the funding community that an important and prestigious Pittsburgh organization has committed itself to the support and preservation of one of our city's long-standing cultural attractions. AIA Pittsburgh's involvement not only paves the way for long-term corporate and foundation support, it also demonstrates that an influential group of Pittsburghers has drawn the line, and, in effect said, "We're not willing to lose anything else. We're keeping the Aviary."

So, on behalf of Dayton Baker, Executive Director of the Aviary, our Board of Directors, our volunteers and staff, and most important, the 100,000 individuals who visit the Aviary each year, thanks for drawing the line, AIA Pittsburgh!

Cordially,

Frank Moone

Director, Development and Marketing

Columns welcomes letters, notes and ideas from readers. Please address all correspondence to Michelle Fanzo, Editor, Columns, c/o The Cantor Group, 1225 Farragut Street, Pittsburgh, PA 15206.

Plugged in:

Office of Tomorrow

The AIA recently hosted a conference in New Orleans on the workplace of the future. The 21st century outlook focused on freeing professionals from the confines of a single desk in a single office. The following are some futuristic techniques demonstrated at the conference that may be of interest to area architects:

• **Shared model:** employees with different work schedules share work space.

• **Group address:** a fixed number of employees share a smaller number of work stations.

• **Free address:** employees less dependent on files and hard copy work at any available work station.

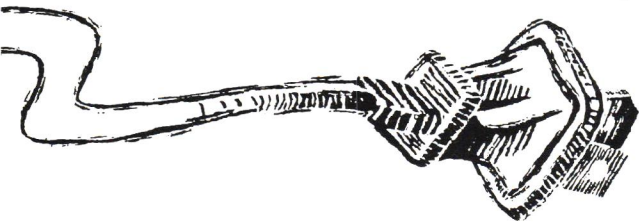
• **Deskless:** employees use mobile phones, portable computers, and data transmission systems to work at home or outside the office.

• **Satellite:** employees report to work at a satellite office, a suburban workplace attached to the main office by phone, computer and data transmission services.

• **Hoteling:** employees reserve workspace only for time they will report to the office.

"By relying on the interdisciplinary talents of architects, system integrators, and human resource professionals, employers can offer employees increased control over their time," said conference chair Robin Ellerthorpe, AIA. "In the long run, we also benefit our communities by shortening commutes, curtailing congestion, and reducing air pollution."

Something to think about. 🏠



"For the Birds"

A call for submissions to the Pittsburgh area's
first ever Bird House Competition!

The Pittsburgh Aviary encourages area architects to design and build unique homes for our feathered friends to be auctioned as part of the city's 1993 Home and Garden Show. Attendees will also vote on their favorite bird house in a number of categories. All proceeds will benefit the Aviary.

Registration deadline is **February 12th**;
Completed bird houses are due **March 6th**.

Think feathers!

Think bird condo!

(Think of the fun you can have with this!)

For more information call Jill-Ann Sims, 323-1 FLY.



By now, many of you should have received

the Community Design Center of Pittsburgh's annual request for qualifications—your opportunity to participate in CDCP projects and to invest in Pittsburgh's future during the coming year.

A New Year's Opportunity

The RFQ Process

Rick St. John, Executive Director of the Community Design Center of Pittsburgh

The Design Center works to improve the quality of design in Pittsburgh's neighborhoods through a variety of educational initiatives and through direct Design Fund grants to community organizations. These small, recoverable grants help community organizations benefit from professional architectural and planning expertise at the earliest stages in project development and also serve as a vehicle for non-monetary assistance from the CDCP staff and board.

This year, we're asking all interested professionals to develop a two-page statement providing background on their firm and identifying three priority areas of interest. (You're also asked to provide a form 254 and any additional materials you'd like us to keep on file.) In addition to architects, firms providing other kinds of planning and community-

based organization development assistance are encouraged to submit their qualifications.


We issue this annual RFQ to preclude the need for formal advertising before making consultant referrals for dozens of small projects throughout the year and to keep up to date on new firms and changing organizational characteristics.

How do we use the information you send us? Here's a quick look at the process: A community-based organization applies for assistance with a development or community planning project and we follow up to assess feasibility and help the organization review its strategy. Once a grant is recommended by our Project Review Committee and approved by our board, our Design Review Committee typically provides three kinds of follow-up.

First, the committee recommends three or four architects to receive a request for proposal for the specific project. The committee tries to short-list firms that haven't undertaken design fund projects before, as well as those which have already demonstrated responsiveness to small, urban projects with nonprofit organizations and first-time users of consultant services. The community organization considers our recommendations, sends out an RFP and conducts interviews, typically with CDCP assistance throughout the process. The community organization, not the CDCP makes the selection and enters into a letter contract with the selected firm.

The Design Review Committee also assigns a board "mentor," available as a resource throughout the project, to attend key meetings, provide informal guidance and review work products. Finally, the Design Review Committee reviews current projects at regular monthly meetings.

These challenging projects usually have very constrained budgets, but they can have enormous impact on their communities. We hope that you will see them as opportunities to go above and beyond a standard level of service. Though often small and demanding, these projects can provide an entre for future jobs, a chance to learn about the exceptional work underway at the community level and the opportunity to invest your energies in the grassroots renewal of Pittsburgh neighborhoods.

If you haven't yet received an RFQ packet and would like to get one, call the Community Design Center of Pittsburgh at 391-4144. If you have, please take the time to give it a thoughtful response. Your exceptional work on these small projects can be not only a long-term opportunity for your firm, but your practical, local response to the nation's very real urban crisis. 

"These challenging projects usually have very constrained budgets, but they can have enormous impact on their communities."

Whether you're anxious to get your hands

on Virtual Reality, or still trying to figure out how to program the fax machine, you're not alone. Pittsburgh architects run the gamut of ecstatic to cautious about the new hum in their offices. Overall, area professionals say computers are here to stay, saving time and money and simplifying their jobs. The extent of computer use is what varies.

Area Professionals Find Technology in Architecture is More Than Glitz and Whistles

Michelle Fanzo

What's Happening

The greatest benefit of CAD, says David Roth, AIA of The Downtown Design Company, is the creation of multiple products from the same original. "Once a project is produced, I always seem to find additional uses for the data," says Roth. "Byproducts" of his project files have led to repeat commissions using a drawing detail on a business card or other documents. "The day-to-day challenge is how to best harness the available technology and connect it to your project," says Roth.

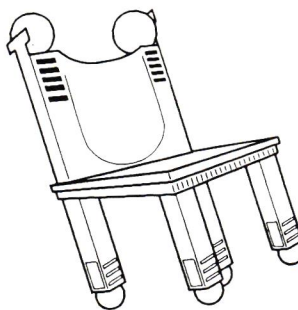
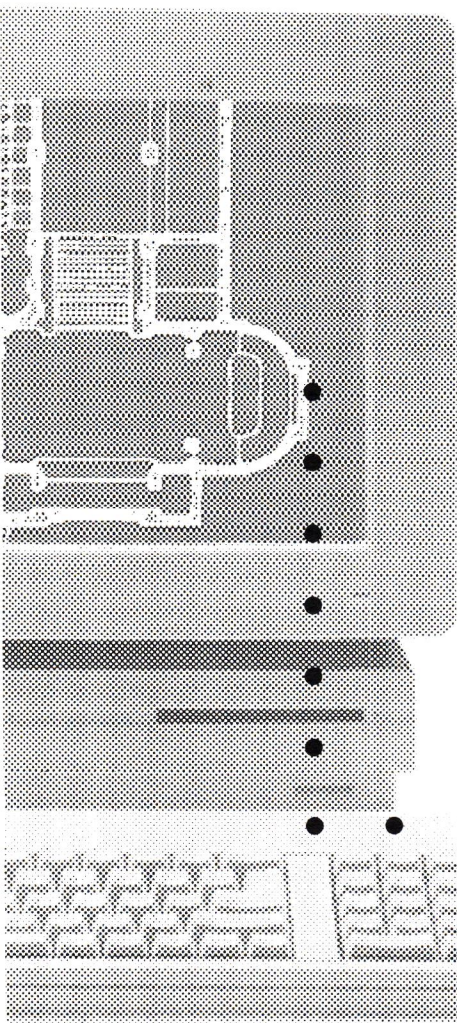
"How a firm is organized to use its computers is key," says Fred Denig, AIA, who takes a self-described "less rigorous approach" to the machines. He feels the important aspect of balancing what is a beneficial tool versus costly fanfare is not losing sight of what's important. "My work is not a drawing or a set of specs, no matter how attractive. My work is what is actually built. Once I'm done, drawings are wallpaper, at best."

Jim Shepherd, Vice President of Larsen & Ludwig Inc., sees the fast pace of changing technology as the main problem of the computer boom, noting that it's impossible to completely learn one software package before an upgraded version is thrust into the user's hands. The upside is being able to produce 3-D "walk-throughs" for clients, which can be transferred to video tape and watched at home.

Using computers to make his time more productive, Tim Hutcheson, Intern AIA of The Eckles Company Architects, simplifies the creation of schematic, design development and construction drawings by adding levels to a base plan rather than making three sets of drawings. He also continually updates his firm's electronic "library," where an architect can retrieve a design element, like wall cabinets for a school, and modify it for another use.

Getting Up To Speed

While many firms currently wrestle with whether to purchase speedy DOS-based hardware or user-friendly Macintosh systems, Hutcheson forecasts the Power PC, a hybrid of both, will sweep the industry in the next five to ten years. "Firms



have got to purchase the fastest machines they can because the more adept the architect gets the slower the computer seems," he says. Besides system crashes, another familiar drawback to sluggish technology is the laborious printing-time (over an hour for a detailed plan) of the commonly used pen plotter. "New ink jet printers can do it in six minutes," says Hutcheson, "but they cost \$10,000." So what can you do when 30 to 40 drawings have to be mailed out for bids?

You'd be watching your pen plotter for one entire work week!

Some companies have recently started offering time-saving color plotter services to architects. George Marshall, President of Tri-State Blue Printing, works with many area architects by modem or disk, enhancing their presentation graphics by providing solid fills, 400 DPI-resolution, lamination and enlargement services on the only commercial Versatec color electrostatic plotter in town. "For years architects have produced beautiful color on their computers but couldn't get it off the screen," says Marshall, whose company won first place this year in a national color imaging contest. Just as blueprinting moved off site, Marshall sees plotting going the same way as firms realize their staff's time can be best used for other tasks. (Tri-State Blue Printing also offers a CAD mailbox service, where a drawing can be sent to Marshall at the hub, or post office, and retrieved by someone else directly to their computer screen.)

What's Next?

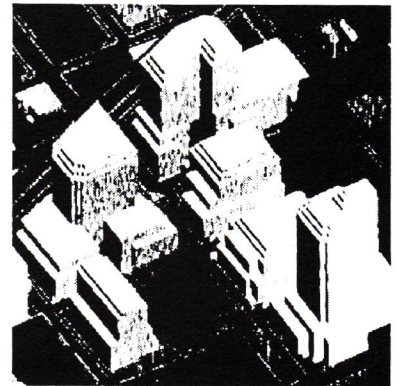
Marshall predicts continuous tone imaging (CTI), a process producing an image of professional photograph quality, is the next hot commodity in output

The day-to-day challenge is how to best harness the available technology and connect it to your project.

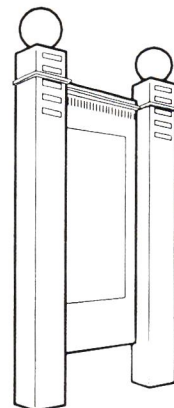
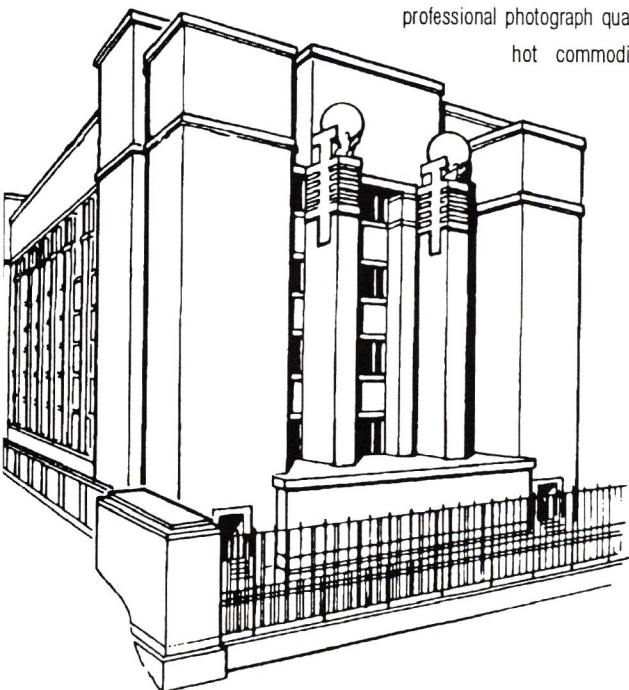
technology. Currently prohibitively expensive, the process uses EPS (encapsulated postscript) files, where the size of the dots which make up the image remain the same when the picture is enlarged.

According to Bohlin Cywinski Jackson's Rob Pfaffmann, AIA, the next step in efficiency is Personal Digital Assistance (PDA), presently in the shape of notebooks with an 8 1/2 by 11 screen. The architect draws a circle with the accompanying pen and the computer snaps the shape into a perfect circle. If you write "five inch diameter," the circle will change to those specifications. What this means for architects is the drafting table may soon be a screen where specs and drawings are linked. The architect drafts an idea, the computer snaps it to size, the sketch gets networked to someone else who will elaborate on it, all by using a series of simple shorthand commands.

"It isn't so much CAD or drawing, but access to information that will revolutionize the profession," predicts Pfaffmann. Pulling information together at an architect's fingertips, such as using AIA National's computer bulletin board, will improve and simplify research, he continues.



While glitches in efficiency, confusing programs, and cumbersome hardware still exist, the technology is here to stay. One chapter member expects computers will be as common as the telephone and just as indispensable. Another member predicts, while the need for people just to answer phones and type has been greatly eliminated by answering machines and word processors, the CAD operators of today will be unnecessary once the transition from pencil to plotter is complete. ■



Legislative Committee• **Chair, Alan Cuteri, AIA, 471-8008**

The AIA will be mailing the new plumbing code modifications adopted in July of 1992. These modifications include new fixture count requirements. The new code should be available from the Allegheny County Department of Health Plumbing Division.

A recent press release by PSA pointed to the need for a state wide building code as evidenced by the recent hurricane disaster in Florida. A great deal of evidence indicated that properties constructed according to the code were substantially saved during the hurricane. The structures that did not comply were completely destroyed. AIA members should write to their state legislators requesting that they support a state building code. Copies of the news release are available at the AIA office.

Membership Committee• **Chair, undetermined**

The new year kicks off with some new members!

Paul M. Rosenblatt, AIA

Carnegie Mellon University, Department of Architecture, Pittsburgh, PA 15213

Sujata Govada, Intern AIA

31 Black Oak Drive, Greensburg, PA 15601

Michael P. McDonnell, Intern AIA

Reid & Stuhldreher, Inc., 2500 CNG Tower, Pittsburgh, PA 15222

Note: David Roth, AIA, previously reported as the new chair of the Membership Committee, has instead become the new chairperson of the Exhibits Committee. The new Membership Committee contact person is yet unnamed at press time.

Interiors Committee• **Chair, Charles DeLisio, AIA, 488-0307**

The initial Interiors Committee meeting of 1993 will be held at the Chapter office on January 18th at 5:30 PM. Planned activities for the new year include organizing two interior architecture exhibits and developing an Interiors Resource Guide. New committee members are welcome!!

A reminder: the deadline for submitting entry forms for the 1993 Interior Architecture Awards of Excellence is February 5th, 1993. For additional information, call AIA National: (202) 626-7390.

Urban Design Committee• **Chair, Steven Hawkins, AIA, 521-9399**

Our well attended November meeting saw a lively discussion around next year's activities.

President Rob Pfaffmann, AIA, informed us that Pittsburgh has been designated as a stop on a nationwide tour of the Surface Transportation Policy Project. Events will be scheduled to highlight ISTEA, the new Federal transportation surface act, and to look at how these funds could be put to use here, particularly on the Wabash Bridge project. Our committee's task force on the Wabash Bridge/West Busway continues to monitor progress on these projects.

Guest John Rahaim, Department of City Planning, stated that a multi-layer effort to rewrite the Pittsburgh Zoning Ordinance will start, at the latest, in January, and he would welcome participation by AIA in that process. Please contact Steve Hawkins if you're interested.

Another major area of committee interest is the Strip District. Many members feel the Strip is in danger of losing its character and charm, and we are taking on the project of a charrette in late spring or summer to educate ourselves and the community to the important issues, and to do some proactive, visionary planning, for the area.

We're always looking for new committee members who are interested in how our city looks and works, and are ready to roll up their sleeves. See this issue for the January meeting date, and call Steve Hawkins for more information.

Exhibits Committee• **Chair, David Roth, AIA 261-1663**

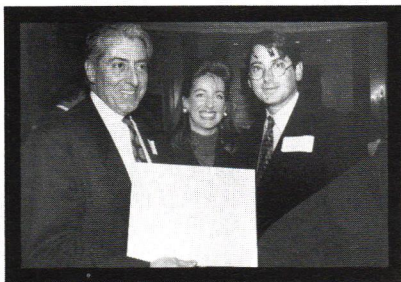
Last year's program included several exhibits in our Chapter Office Gallery in CNG Tower. We presented a wide variety of architecture and allied arts. If you are interested in planning this year's program our next meeting will be at Rosebud Cafe, 5:30 PM, January 25th. This year, we'll plan our schedule based on our chapter programs with the Design Awards as the major event. I'd like to have an awards submission seminar to answer some questions and get some presentation tips.

It occurred to me, over this last year, that our programs on topics such as the Riverfront, Downtown and the proposed Wabash Bridge would lend themselves to exhibition. These programs were well attended and interest the public as well as many professionals. I'd like us to see a return on our editorial and program planning, perhaps elaborating on program themes.

AIA Exhibits is available to join with other committees to present and document projects during the year. I'd like to see us publish our exhibits and programs. Documentation, as a record of the event, can reach a large audience. Publication is also an incentive to participate. Please contact me at the Downtown Design Company, 261-1663, if you'd like to help. Students get IDP credit for participation.

A Look at Some of Pittsburgh's BEST

1 9 9 2



▲
*In her own way,
Lucy Cutler
respects the
solemnity of the
awards ceremony...*

▲
*Charles Desmone, AIA (left) and Charles
("Chip") Desmone, AIA (right) flank Lynn
Desmone as they proudly display their
firm's Design Award.*

AIA Pittsburgh has been honored with six Design Awards for exceptional projects by area members. Two Citation Awards were given in both the Design and Open Plan categories, with one Merit Award garnered in each of the two categories. The winners were selected by AIA Seattle jurors from 50 submissions. The awards reception was held on November 18th at the Frick Art Museum in Point Breeze—an appropriate setting for honoring some of Pittsburgh's most accomplished architects.

▼
*Seattle Design Award jurors, (from left to right) Bruce Anderson,
AIA, Dave Miller, AIA, Jim Cutler, AIA, Ed Weinstein, AIA, and
Jim Olson, FAIA, scrutinizing the Pittsburgh submissions.*



● 1992 AIA DESIGN AWARDS

Merit Award

Project: Armstrong County Small Business Incubator Building

Design Team: Luke Desmone, AIA,
Chip Desmone, AIA
Anoushah Bogharty
Krist Dodaro
Kathleen Navarro, interiors

Firm: Charles L. Desmone & Associates

Client: Armstrong County Industrial Authority

An agricultural theme preserves the essence of a bucolic Pennsylvania setting for this impressive 34,000 square foot incubator building. The design team met the challenge of creating a barn-like structure that would both reflect the spirit of the surrounding area and satisfy the requirements of a large building meant to function as an incubator for small business. The result is a project which preserves the historical fabric of the site and is a welcoming, familiar place for people with office needs.



Citation Award

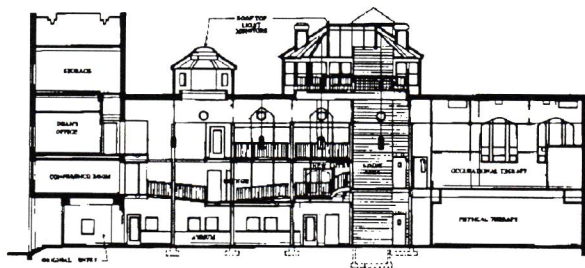
Project: The John Rangos, Sr. School of Health Sciences

Project Team: Albert Filoni, AIA
Kenneth Lee, AIA
Richard Schmitz, AIA
Terrance Shannon
Jennifer Higgins
Jean Prady

Firm: MacLachlan, Cornelius & Filoni Inc.

Client: Duquesne University

The thoughtful reconstruction of Duquesne University's gymnasium into a health science center, containing offices, classrooms and laboratories, effectively modernizes the collegiate gothic structure while enhancing the building's original beauty. The open-space gym was divided into three floors by constructing a structural framing system, turning 18,000 square feet into 35,000 square feet. Arched windows, plaster medallions, playful overhead bridges, and a tall, narrow atrium are a few of the elements that make this an arresting renovation.



● 1992 AIA OPEN PLAN AWARDS

Citation Award

Project: Dollar Bank Greensburg Branch

Architects: John Martine, AIA
Douglas Philp, AIA
John Rizzi

Firm: Integrated Architectural Services

Client: Dollar Bank

A large vault, six teller stations, offices and meeting spaces, and a customer service platform are among the many aspects of this full-service bank which had to be fit into a 3,600 square foot space along Route 30. The essentially square plan successfully provides ample parking, drive-through lanes and an attractive, energetic shell which houses the bank's many functions. The taupe brick structure is enhanced by skylights, decorative fixtures, a fire-engine red accent color and exposed trusses.



Merit Award

Project: Crawford Square, Urban Design for Rebuilding a Pittsburgh Neighborhood

Architect: Raymond L. Gindroz, AIA

Firm: UDA Architects

Client: Urban Redevelopment Authority of Pittsburgh and McCormick Baron & Associates

Crawford Square will be the largest in-town residential development in Pittsburgh's recent history. A total of 500 units of mixed income housing will be built in phases over the next four years in the Lower Hill District. The mix of rental and for-sale housing will be offered at a wide range of prices. Buildings are all two or three stories in height, with front and back yards. A sense of neighborhood, representative of Pittsburgh, has been emphasized, with each street having its own unique character.



● 1992 AIA OPEN PLAN AWARDS

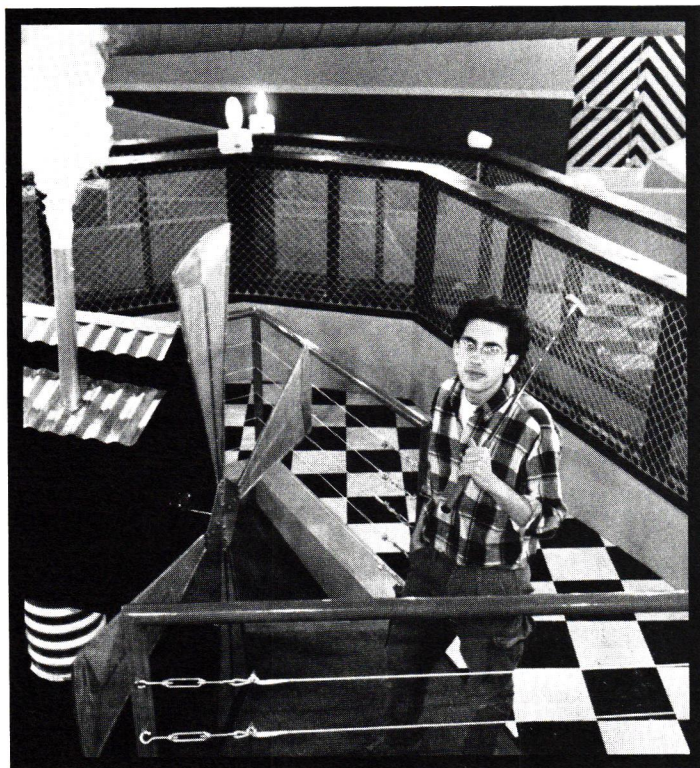
Citation Award

Project: Puttersburgh

Architect: David Celento, AIA with Tai Lee Miller Architects

Client: McKnight Development

Mini-golf has been one of the casualties of the hi-tech entertainment age, but David Celento, AIA, has brought the once popular game of skill into the 21st century with Puttersburgh, a handicapped accessible course based entirely on places in Pittsburgh. What may be the most technologically advanced miniature golf course in existence sports smoking smokestacks, rumbling machinery sound effects, pinball flippers and bumpers, blinking lights, gushing water and some real ingenuity.



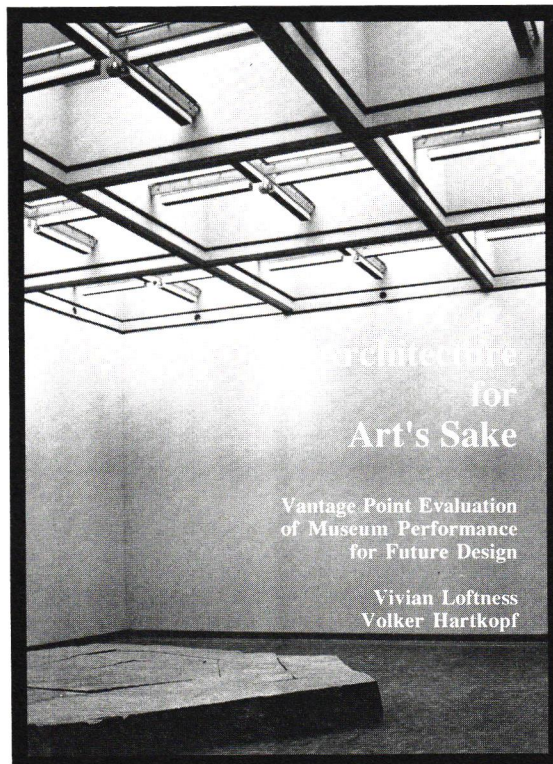
Citation Award

Project: Architecture for Art's Sake

Architect: Vivian Loftness, AIA and Volker Hartkopf,
Carnegie Mellon University

Client: The National Endowment for the Arts

It took Vivian Loftness, AIA three years of research to produce her award winning *Architecture for Art's Sake—Vantage Point Evaluation of Museum Performance for Future Design*. The 250 page publication evaluates museum performance requirements and includes a test package for the field evaluation of museums, critical studies of six modern museums in the U.S. and Germany, and offers a look at where museums excel and fail in performance areas.



Kudos

→ Cambria Heights Elementary School in Carrolltown, PA, designed by **Hayes Large Architects**, has been recognized with a design Award for Excellence by the Middle Pennsylvania Chapter of the American Institute of Architects in the 1992 design awards program.

Transitions

→ **Douglas L. Shuck, AIA**, a Senior Associate at **Williams Trebilcock Whitehead**, has been elected President of AIA Pittsburgh.

A member of the Pittsburgh AIA Board of Directors for the past two years, Shuck assumed the presidency on January 1, 1993. An AIA member for 18 years, he headed the local chapter's Communications Committee for four years.

Shuck said that he wants the local chapter to continue its "issues oriented" advocacy role and will stress improved communications so that clients and potential clients better understand the advantages, talents and services provided by architects. "In particular," he added, "the Pittsburgh AIA will continue to provide a forum for ideas and issues important to this region. We want to act as a facilitator focusing on good design and responsible solutions." Shuck, a graduate of Kent State University, joined WTW in 1985.

The Eckles Company Architects announces the licensing of three Intern Architects—**E. Andrew Dunmire, AIA**, **Timothy J. Hutcheson, AIA** and **David Mickey, AIA**—bringing the number of registered architects to 10 among the Eckles staff of 26.

Design 3 Architecture, PC is pleased to announce the promotion to partner of **Michael D. Moyta, AIA** and **William A. Snyder, AIA**. They join partners, **Don G. Lightner, Jr., AIA** and **Susan M. Lami, AIA** in ownership of the 10 person architectural firm. This year also marks Design 3 Architecture's tenth anniversary.

Williams Trebilcock Whitehead, has added three new members to its professional staff: John R. Danko, Terry S. Miller and Kevin L. Wagstaff.

Lori Kupter Andreini, a 1990 graduate of Carnegie Mellon University, has joined **The Design Alliance Architects**. Andreini holds a Masters in Architecture from Carnegie Mellon University, and a Bachelors degree in Interior Design from Cornell University.

Also joining The Design Alliance Architects is **Darrell Kaurie, Intern AIA**. A 1991 graduate of Carnegie Mellon University, Kaurie holds a Bachelor of Architecture with Honors.

From the Firms

→ **STUDIO DeLisio Architecture & Design** is a member of the team selected to design new architectural lighting for the historic Smithfield Street Bridge, one of the oldest steel bridges in the U.S.

Integra Financial Corporation has selected **Williams Trebilcock Whitehead** to convert 225,000 square feet of the former Sears space in the Allegheny Center Mall on Pittsburgh's North Side into facilities for its Operations, Mortgage Banking Center, and Cash Center groups. The Operations and Mortgage Banking Center facilities will be completed by May 1993, and the Cash Center will be completed by July 1993. The WTW design team includes **Harold Colker, AIA**, Partner, **Douglas L. Shuck, AIA**, Project Director, and Pamela D. Hudspeth, Director of Interior Design.

The architectural team of Omni Associates of Fairmont, WV, and Williams Trebilcock Whitehead, known as **Omni/WTW**, has been selected to design the new National Technology Transfer Center (NTTC) on the campus of Wheeling Jesuit College.

Construction of the NTTC is likely to begin in late summer of 1993 and be completed by the fall of 1994. An 75,000 square foot, five or six story structure is proposed. Construction costs are estimated at \$8 million.

Johnson/Schmidt and Associates (JSA), completed its commission in the design of PNB's North Hills Regional Banking Center located at McIntyre Square along McKnight Road. The North Hills Regional Banking Center opened on November 21st.

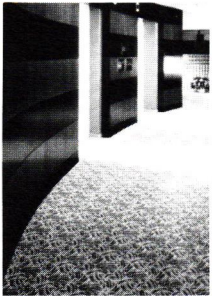
JSA provided architectural, engineering and interior design services in completing this project. The facility was created to be the next generation of the JSA-designed PNB Banking Center located at Robinson Town Center which received the Building Owners and Managers Association Suburban Office Building-of-the-Year Award for 1991.

A new Social Sciences building and a major addition to the existing Walton-Mayne Campus Center may be in the offing for Westminster College in New Wilmington, PA. **Williams Trebilcock Whitehead** has completed feasibility studies for both projects and has started a third feasibility study for a new Admissions House. A feasibility study on a proposed Art Department Building is still in progress.

WTW has also been selected to design a new church for the North Way Christian Community on the site of the former Wexford Drive-In in Pine Township, PA.

What's new in:

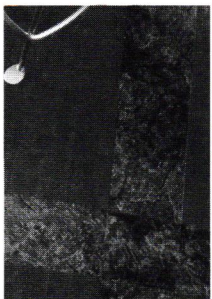
Flooring



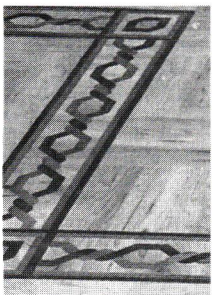
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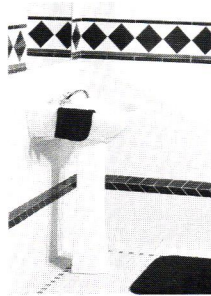
ACCENTS - This advanced generation nylon micro-dot cut pile carpet is beautiful in its eighteen gorgeous colors. If the extraordinary color line is not enough, use your imagination and dabble with custom color variations for just a 50 square yard minimum. Put a little emphasis in your designs with Accents by Criterion Mills, Inc., distributed locally by **Graffam Floors-Pittsburgh, 1-800-786-9777**.



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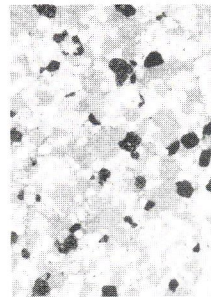


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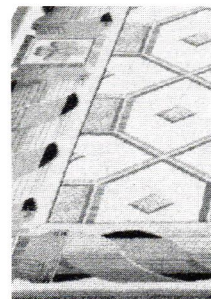
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CALENDAR

AIA ACTIVITIES

■ TUESDAY, JANUARY 5

Pittsburgh Chapter AIA Board Meeting, 5 PM at the Chapter office. All members are welcome, Anne Swager, 471-9548.

WEDNESDAY, JANUARY 6

Communications Committee Meeting, 12:30 PM at the Chapter office, Doug Shuck, AIA, 321-0550.

TUESDAY, JANUARY 12

January Chapter Meeting, "Post Election Prospects of the 1993 Economy." *Details on page 23.*

WEDNESDAY, JANUARY 13

Historic Resources Committee Meeting, 4:30 PM at the Chapter office, John Martine, AIA, 227-6100.

WEDNESDAY, JANUARY 13

WIA Committee Meeting, 5:30 PM at the Chapter office, Susan Tusick, AIA, 394-7069.

THURSDAY, JANUARY 14

IDP Committee Meeting, 5:30 PM in the Chapter office, Rich Bamburak, AIA, 321-0550.

MONDAY, JANUARY 18

Interiors Committee Meeting, 5:30 PM at the Chapter office, Charles DeLisio, AIA, 488-0307.

TUESDAY, JANUARY 19

Urban Design Committee Meeting, 5:45 PM at the Chapter office, Steven Hawkins, AIA, 521-9399.

THURSDAY, JANUARY 21

Professional Development Committee Meeting, 12 PM in the Chapter office, Dave Brenenborg, AIA, 683-0202.

MONDAY, JANUARY 25

Exhibit Committee Meeting, 5:30 PM at Rosebud Cafe, David Roth, AIA, 261-1663.

WEDNESDAY, JANUARY 27

AIA/MBA Committee Meeting, 6 PM at the Building Industry Center, Conference Room #1, 2270 Noblestown Road, James Kling, AIA, 391-4850.

MONDAY, FEBRUARY 1

Architrave Board Meeting, 5:15 PM at the IKM office, Anne Swager, 471-9548.

TUESDAY, FEBRUARY 2

Legislative Committee Meeting, 4:30 PM at the Chapter office, Al Cuteri, AIA, 471-8008.

AROUND TOWN

■ TUESDAY, JANUARY 12

Society of Architectural Administrators Meeting, Perity Waleko, 381-1400, for more information.

TUESDAY, JANUARY 12

CSI Monthly Meeting, 5:30 PM at the Embassy Suites Hotel, Sheila Cartiff, 823-5063 for information.

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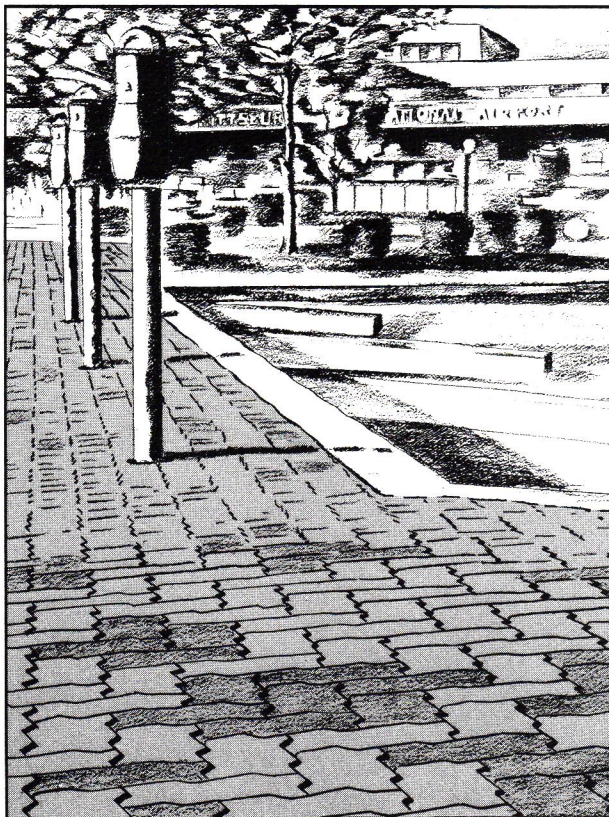
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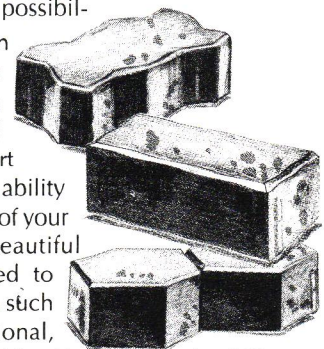
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Family info: Recently and happily married to Lynn Hungate.

Years in practice: 30 (since birth).

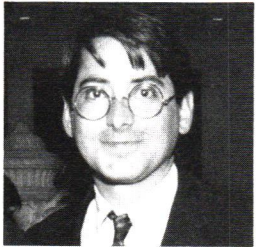
School/Education: Carnegie Mellon University (1987).

First job: Cleaning out coffee mugs at my father's firm.

Charles L. Desmone II

"Chip"

Firm: Charles L. Desmone and Associates.



What have you always wanted to tell your boss? "Pap, what do ya say we take the day off and go sailing?"

Project you're proudest of: The next one.

Most embarrassing project/moment: Far too many for this tiny space.

Building you wished you had designed: The Pantheon.

Building you'd like to tear down: Any neo-fascist, poured concrete structure in the county.

If you hadn't been an architect what would you have been? Archeologist.

If someone made a movie of your life, who would play you? DeNiro.

If you could live anywhere in the world, where? Everywhere, on a Mahogany Yacht (Cheoy Lee).

What's the best part of your job: Landing a new project.

What would you change about your job? Nothing—well, maybe higher fees.

What have you always wanted to tell your boss? Pap, what do ya say we take the day off and go sailing?

What have you always wanted to tell your clients? Good design doesn't have to be expensive (but great design does).

What's the most annoying thing architects do? Fraudulently acting superior when conversing with peers.

Advice to young architects: Go to law school while there is still time.

The one thing you wish they'd teach you in school is: Humility.

Favorite interior: Any large green pepper (thanks Doug Cooper).

Favorite building: Montezuma's castle (an ancient cliff dwelling) near Sedona, Arizona.

Favorite city: San Francisco (Pittsburgh with an ocean).

Favorite architect: Stanford White.

Favorite book: *Life & Architecture in Pittsburgh* (Jamie Van Trump).

Favorite neighborhood: Shadyside.

Most architecturally-appealing restaurant in Pittsburgh: Cafe Giovanni (Clearwater by Peter Mathews).

Best gift to give an architect: Acknowledgment.

Wish list for downtown Pittsburgh: An ocean.

What's the next big architectural trend?: Sincerity.

Someday I'd like to: Ski Japan.

I want to be remembered for: Contributing to the good.

People would be surprised to know that: I still haven't won the lottery.

The secret of my success is: No secret, it's my father.

I belong to AIA because: Of its great entertainment value (it's the best deal in town).

Marketplace

HEALTH INSURANCE

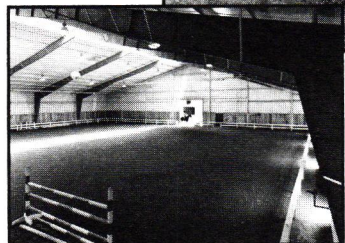
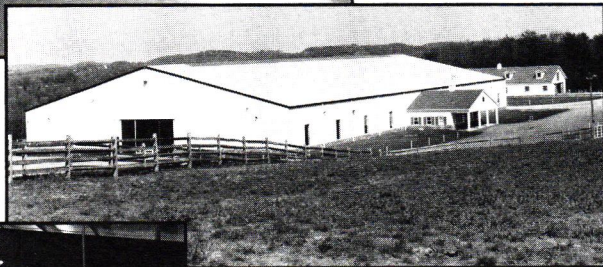
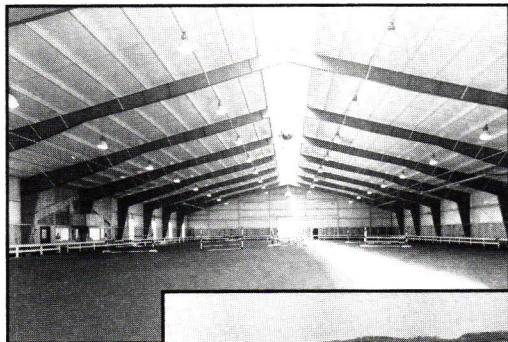
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Mosites Construction Company 4839 Campbells Run Road, Pittsburgh, PA 15205 923-2255 Contact: M. Dean Mosites	•			•	•	•	•	•		•	

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Arch.: Richard L. Bowen & Associates, Inc.
Photos: Richard Golumb

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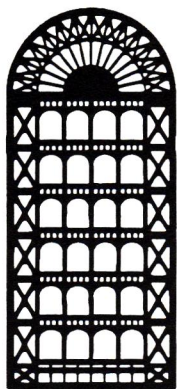
GENERAL CONTRACTOR/CONSTRUCTION MANAGER

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Engineers' Directory

	Testing & Inspection	Blasting/Vibrations	Civil	Construction	Consulting	Electrical	Environmental	Geotechnical	Mechanical	Structural	Telecommunications	Transportation
Ackenheil Engineers, Inc. (WBE Certified) 1000 Banksville Road, Pittsburgh, PA 15216 531-7111 Contact: Susan Ackenheil Snow			•	•	•		•	•				
Astorino Branch Engineers, Inc. 227 Fort Pitt Boulevard, Pittsburgh, PA 15222 765-1701 Contact: Patrick I. Branch, P.E., President				•	•	•	•		•	•	•	
Michael Baker Jr., Inc. 420 Rouser Road, Bldg. 3, Coraopolis, PA 15108 269-6200 Contact: John J. Voycik			•		•	•	•	•	•	•	•	•
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The Gateway Engineers, Inc. 1011 Alcon Street, Pittsburgh, PA 15220-3424 921-4030 Contact: Ruthann L. Omer, P.E.			•		•							
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Peter F. Loftus Division Division of Eichleay Engineers Inc., 6585 Penn Ave., Pittsburgh, PA 15206-4407 363-9000 Contact: Sam Lyon					•	•			•	•	•	
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Meucci Engineering, Inc. 409 Elk Ave., Carnegie, PA 15106 276-8844 Contact: James B. Fath					•	•			•			
RCF Engineers, Inc. Two Gateway Center, 13 East, Pittsburgh, PA 15222 281-7706 Contact: Mark S. Wolfgang					•	•			•			
Solar Testing Laboratories, Inc. 811 East Carson Street, Pittsburgh, PA 15203 381-4454 Contact: Tony Chammas, P.E.	•				•		•	•				
Structural Engineering Corp. 300 Sixth Avenue, Suite 300, Pittsburgh, PA 15222 338-9000 Contact: Dennis A. Roth, P.E.										•		

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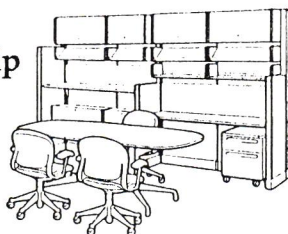
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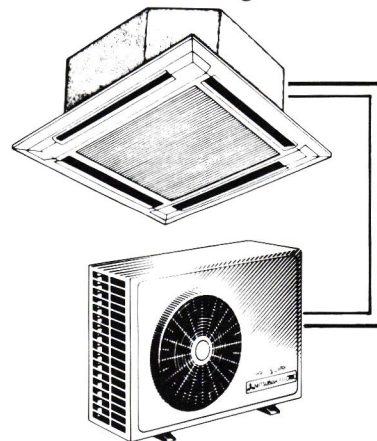


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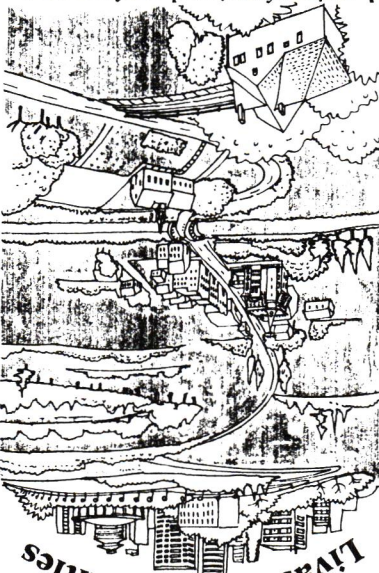


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Washington, DC 20036

Transportation Planning for Livable Communities



A series of regional conferences to bring together citizens and transportation professionals.

Registration Fee - \$50

• Atlanta, GA • Austin, TX • Boston, MA
• Boulder, CO • Pittsburgh, PA • San Francisco, CA • St. Louis, MO
• St. Paul, MN • Seattle, WA • Winter Park, FL

- Who Should Attend:**
- ❖ Architects
 - ❖ Bicyclists
 - ❖ Clean air advocates
 - ❖ Conservationists
 - ❖ Elected officials and government administrators
 - ❖ Environmentalists
 - ❖ Historic preservationists
 - ❖ Landscape architects
 - ❖ Local, state, and federal officials
 - ❖ Pedestrians
 - ❖ Regional and metropolitan planners
 - ❖ Scenic byway supporters
 - ❖ Trail planners and enthusiasts
 - ❖ Transportation planners and engineers

What:

General Workshop Agenda

Friday:

- ❖ Community-based transportation planning: the vision
- ❖ What is ISTEA? An overview
- ❖ Planning process—MPO/state procedures
- ❖ Accessing the planning process
- ❖ MPO perspectives
- ❖ State forums to discuss planning criteria and schedules
- ❖ Presentation of the design issue
- ❖ Reception

Saturday:

- ❖ State DOT perspectives
- ❖ Breakout sessions:
 - bicycle/pedestrian
 - historic/scenic
 - trails/rail-trails/greenways
 - growth management/clean air/transit
- ❖ Design standards
- ❖ Funding and project implementation
- ❖ Vision for the future
- ❖ Building local and state partnerships
- ❖ Design solution report
- ❖ Reception

Where and When:

CITY/DATE	HOTEL	RATES	PHONE
Pittsburgh, PA Jan. 22-23	The Westin William Penn	\$70 Sing./Dbl.	(800) 245-4728 (800) 228-3000
Seattle, WA Jan. 29-30	The Westin Hotel	\$95 Sing. \$115 Dbl. Gov't Rates: \$69 Sing./Dbl.	(206) 728-1000 (800) 228-3000
St. Louis, MO Feb. 5-6	Adam's Mark St. Louis	\$69 Sing./Dbl.	(800) 444-ADAM (314) 241-7400
Boulder, CO Feb. 19-20	Claron Harvest House	\$62 Sing. \$70 Dbl.	(800) 545-6285 (303) 443-3850
St. Paul, MN Feb. 26-27	The Saint Paul Hotel	\$79 Sing./Dbl.	(800) 292-9292 (612) 292-9292
Austin, TX Mar. 5-6	The Driskill	\$64 Sing./Dbl.	(512) 474-5911
Boston, MA Mar. 12-13	Boston Marriott Cambridge Hotel	\$81 Sing./Dbl.	(800) 228-9290 (617) 494-6600
San Francisco, CA April 2-3	Holiday Inn Financial District	\$79 Sing./Dbl.	(800) 424-8292 (415) 433-6600
Atlanta, GA April 23-24	Atlanta Hilton & Towers	\$99 Sing./Dbl. Gov't Rates: \$69 Sing./\$94 Dbl.	(800) HILTONS (404) 222-2800
Winter Park, FL April 30-May 1	Langford Resort Hotel	\$55 Sing. \$65 Dbl.	(407) 644-3400

IMPORTANT: To receive the negotiated hotel rates listed above, room reservations must be made at least **three weeks** before each conference. Guarantee reservations directly with the hotel; identify yourself as an attendee of the "Transportation Planning" conference. (Note: these room rates are non-commissionable to travel agents).

Conference travel arrangements:

Contact **Wide World of Travel**, 1-800-735-7109 (M-F 8:30am-5:30pm, Sat. 9am-noon Mountain time) for airline and Amtrak discounted fares.

Sponsors:

The **Bicycle Federation of America** seeks to promote the increased safe use of bicycling and walking.

The **Federal Highway Administration** assists states and local governments to insure the highest quality surface transportation system which promotes the nation's economic vitality and quality of life of its people, and meets the nation's need for safe, efficient and environmentally sound movement of people and goods.

The **National Trust for Historic Preservation** fosters an appreciation of the diverse character and meaning of our American cultural heritage and preserves and revitalizes the livability of our communities by leading the nation in saving America's historic environments.

The **Rivers, Trails and Conservation Programs of the National Park Service** assist people in improving the quality of life in their communities. Through technical assistance these programs help citizen-led efforts conserve or restore the landscapes and features that give special meaning and personality to their communities.

Scenic America, a non-profit membership organization, is the only national organization dedicated solely to preserving and enhancing the scenic character of America's communities and countryside.

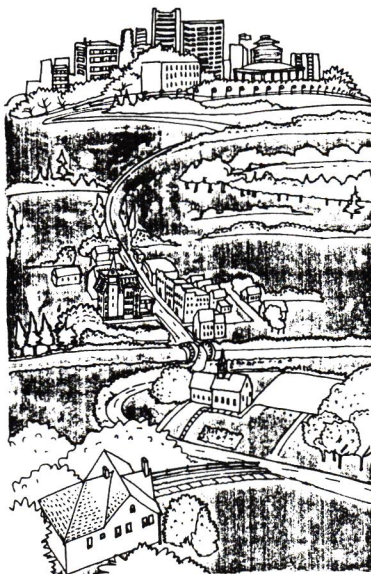
The **Surface Transportation Policy Project** is a network of diverse organizations, coalitions and grassroots groups whose goal is to develop a national transportation policy that better serves the environmental, social and economic interests of the nation.

The **U.S. Environmental Protection Agency** protects human health and the environment.

*STPP organizations: America's Coalition for Transit Now • American Institute of Architects • American Planning Association • Bicycle Federation of America • Campaign for New Transportation Priorities • Center for Neighborhood Technology • Energy Conservation Coalition • Environmental Consortium for Minority Outreach • Environmental Defense Fund • Environmental and Energy Studies Institute • Friends of the Earth • National Association of Regional Councils • National Growth Management Leadership Project • National Trust for Historic Preservation • National Wildlife Federation • Natural Resources Defense Council • Rails to Trails Conservancy • Scenic America • Sordana Foundation, Inc. •

Transportation Planning for Livable Communities

THE NEW INTERMODAL SURFACE TRANSPORTATION EFFICIENCY ACT (ISTEA) creates new opportunities to change the nature of transportation in America. Over \$150 billion in Federal transportation funds will be spent in the United States over the next six years. The opportunities to improve our communities and move our systems of transportation in a positive direction have never been greater. But how do you bring these benefits home to your community? How ISTEA funds are spent in your area can be largely up to you.



LEARN HOW ISTEA WORKS FOR YOU. A broad coalition of groups (the Bicycle Federation of America, Federal Highway Administration, the National Trust for Historic Preservation, Rivers, Trails and Conservation Programs of the National Park Service, Scenic America, the Surface Transportation Policy Project, U.S. Environmental Protection Agency) is sponsoring this series of two-day conferences in eleven cities nationwide to discuss how ISTEA can benefit your region.

THIS INNOVATIVE NEW LAW:

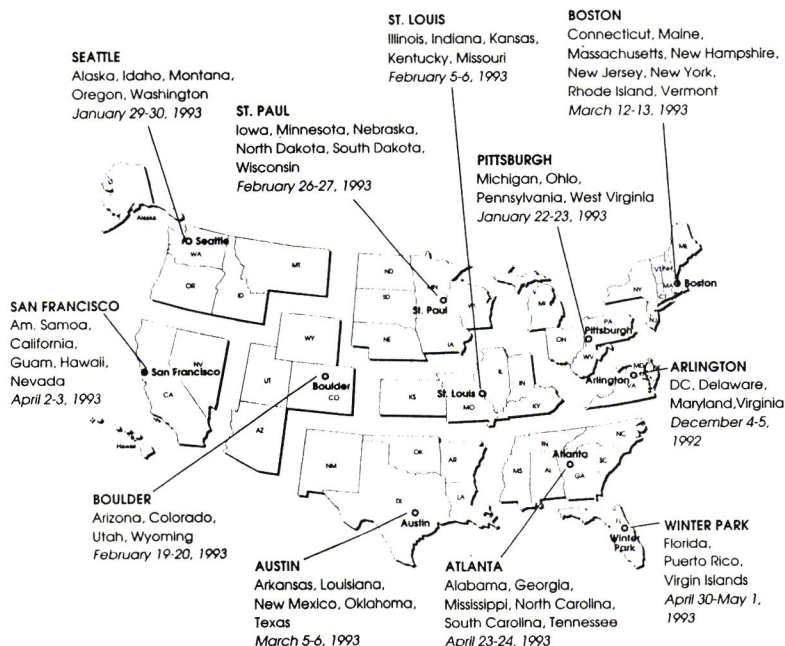
- ❖ Calls for greatly expanded public participation.
- ❖ Encourages more local decision-making in the transportation planning process.
- ❖ Promotes partnerships between states and citizen interests.
- ❖ Places more emphasis on bicycles, buses, rail, and walking.
- ❖ Provides new funding for scenic and historic preservation.
- ❖ Requires conformity between transportation plans and clean air plans.

IF YOU ATTEND THIS CONFERENCE, YOU WILL:

- ❖ Help to create a broader vision of transportation in your community.
- ❖ Walk away with nuts and bolts know-how about ISTEA and how it can benefit your community.
- ❖ Develop ideas and opportunities for effective public participation in local transportation planning.
- ❖ Be an effective participant in local transportation planning.
- ❖ Discuss planning issues with transportation decision-makers.

Where Should You Attend?

Special sessions focusing on individual states will be held at each conference as indicated on the map below.



For more information on conference locations, please call 1-800-937-6847.

Printed on recycled paper.

Registration

Transportation Planning for Livable Communities

Conference City _____

Name _____

Title _____

Agency/Organization _____

Street Address _____

City/State/Zip _____

Phone _____

Fax _____

Please indicate the ONE, 4-hour workshop session you will attend on Saturday:

- BP ☐ Bicycle/Pedestrian
 GM ☐ Growth Management/Clean Air/Transit
 SH ☐ Scenic/Historic
 TR ☐ Trails/Rail-Trails/Greenways

Pre-registration Fee: \$50 (includes two luncheons and a workbook)

All pre-registrations **must** be received by the **Monday** prior to your conference. Late and on-site registrations will be \$60 on a space-available basis. Return this registration form with your check made payable to:

National Trust
 Transportation Conferences
 1785 Massachusetts Avenue, NW
 Washington, DC 20036
 1-800-937-6847 or 202-673-4100

☐ I can't attend, but want more information.

Please copy this form and pass it on to a friend or colleague.

FIVE REASONS TO ATTEND BUILDING CONNECTIONS

BUILD A CLIENT BASE

Find out firsthand about new markets in environmentally responsible design and building. Clients and the public are demanding environmental excellence to ensure they lead healthier, more productive lives. Government and corporations are responding by integrating environmental considerations into their overall strategies. To remain competitive into the next century, you must do the same.

CREATE NEW NETWORKS

Share ideas, professional contacts, and markets. Discover new ways of finding jobs and markets that link building professionals with the right clients and lucrative business opportunities. Each downlink site will provide a chance to network with professionals, business executives, civic leaders, and government decision makers to provide an environmentally responsible approach for community action.

STIMULATE ECONOMIC GROWTH IN YOUR COMMUNITY

Promote environmentally responsible design and building and, at the same time, stimulate economic growth in your community. This new field offers you an opportunity to create new business and expand markets in your local area by generating demand and delivering services for a growing population of "green" clients.

PREPARE FOR GOVERNMENT REGULATIONS

Learn about pending legislation and existing regulations as well as code changes that may dictate certain actions by building professionals in the area of environmentally responsible design and building. Federal regulations are scheduled to go into effect in 1995. You can also get a jump on emerging procedures for the determination of code equivalence for innovative designs.

RESTORE AND PRESERVE THE ENVIRONMENT

Restore and preserve the environment to prosper economically and to improve our quality of life as well as our children's. The building professions are in a unique position to take the lead in designing and building sustainable communities now to help protect the resources necessary for a prosperous economy and a balanced ecology.

AIA Pittsburgh
The CNG Tower Suite 200
625 Liberty Avenue
Pittsburgh, PA 15222



A SERIES OF THREE NATIONAL VIDEOCONFERENCES IN 1993

January 14, March 4, and April 22

The American Institute of Architects

BUILDING



LINKING ECONOMY AND ECOLOGY

FOR A NEW PROSPERITY

c o n n e c t i o n s

Invigorate your business and build your client base through environmentally responsible design and building. Stay on top of this emerging, new market for building professionals. In today's tough economic climate, you can't afford to miss an opportunity to learn about client demands for environmental design and construction of new and renovated buildings.

A SERIES OF THREE NATIONAL VIDEOCONFERENCES IN 1993

January 14, March 4, and April 22

REGISTER TODAY!

Carnegie Mellon University *OR* WOED
Hunt Library
Pittsburgh, PA 15213
4802 Fifth Avenue
Pittsburgh, PA 15213



TOPICS TO BE COVERED:

Building a Green Practice
An Overview of Environmental Business for the 90's
New Opportunities for Environmental Practitioners
Managing a Sustainable Energy Future

READILY ACHIEVABLE RESULTS:

- Most of all, BUILDING CONNECTIONS will show you how you can immediately benefit from this new knowledge:
- Lower capital costs, or recover additional upfront costs in 2-5 years, by using new integrated systems approaches for synergistic benefits;
 - Reduce energy operating costs by 50-70% in renovation, retrofit, and new construction;
 - Cut water consumption in half;
 - Increase building durability by 40-100 years; and
 - Use up to 50% recycled materials in construction.

HOSTED BY DENIS HAYES, FOUNDER OF EARTH DAY
 Hayes is President of the Bullitt Foundation, an \$85 million environmental foundation in Seattle and Chairman of the Board of Green Seal, an organization that educates and mobilizes consumers on behalf of the environment.

SIGN UP TODAY TO ATTEND AT

Carnegie Mellon University OR WQED
Hunt Library
4802 Fifth Avenue
Pittsburgh, PA 15213

CO-SPONSORING ORGANIZATIONS LIST

American Institute of Architecture Students
 American Planning Association (APA)
 American Society of Civil Engineers (ASCE)
 American Society of Interior Designers (ASID)
 American Society of Landscape Architects (ASLA)
 Architects Designers and Planners for Social Responsibility
 Association of Collegiate Schools of Architecture
 Association of Higher Education Facilities Officers (AHWFO)
 Institute of Business Designers (IBD)
 International Facilities Managers Association (IFMA)
 Building Officials & Code Administrators (BOCA)
 Council of American Building Officials (CABO)
 International Council of Building Officials (ICBO)
 National Conference of States on Building Codes & Standards (NCSBCS)
 Southern Building Code Congress International (SBCCI)
 National Roofing Contractors Association (NRCA)
 Sheet Metal and Air Conditioning Contractors National Association (SMACNA)
 Sheet Metal Workers International Association (SMWIA)
 Air Conditioning and Refrigeration Institute (ARI)
 American Consulting Engineers Council (ACEC)
 American Subcontractors Association (ASA)
 Association of Higher Education Facilities Officers (APPA-AHEFO)
 Association of Engineering Firms Practicing Geo Sciences (ASFE-AEFPGS)
 Environmental Protection Agency (EPA)
 National Association of Counties (NAC)
 National Association of Environmental Professionals (NAEP)
 National Audubon Society (NAS)
 National Council of Acoustical Consultants (NCAC)
 National Forest Products Association (NFPA)
 National League of Cities (NLC)
 Natural Resources Defense Council (NRDC)
 North American Insulation Manufacturers Association (NAIMA)
 Scenic America
 Urban Land Institute (ULI)

In Cooperation With: Construction Specifications Institute (CSI)

BRIEF DESCRIPTION OF VIDEOCONFERENCES

ENERGY AND RESOURCE EFFICIENCIES

January 14, 1993—1-5 p.m. ET

LEARN TO:

- cut capital costs, lower operating costs, and improve building comfort through resource-efficient technologies
- renovate, retrofit, and adaptively reuse buildings with the latest efficiency technologies
- capitalize on demand side management incentives offered by utilities and municipalities

HEALTHY BUILDINGS AND MATERIALS

March 4, 1993—1-5 p.m. ET

LEARN TO:

- eliminate or control contaminant emission sources to improve indoor air quality and eliminate sick building syndrome
- design and retrofit with advanced HVAC and mechanical equipment and incorporate CFC-free refrigeration
- differentiate and choose among salvaged, conventional, green, and recycled materials

LAND, RESOURCES, AND THE URBAN ECOLOGY

April 22, 1993—1-5 p.m. ET

LEARN TO:

- maximize the use of energy and materials to balance community needs with what the region can naturally supply
- integrate waste treatment, transportation, land use, and infrastructure
- create more compact urban patterns interspersed with productive areas to collect energy, grow food, and recycle wastes

THREE EASY WAYS TO REGISTER:

FAX: Fax your completed form to 1-800-677-3555. The fax line is open 24 hours, seven days a week. Payments must be by credit card or by faxing a copy of your purchase order. When you fax your registration form, DO NOT mail the original thus avoiding duplication.

MAIL: Return this form to: AIA BUILDING CONNECTIONS, P.O. Box 80362, Baltimore, MD 21280-0362
Payments by check, credit card, or purchase order.

PHONE: Have your credit card ready and call 1-800-677-2111 from 10:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday. TDD Use Only: 1-800-677-3020 from 10:00 a.m. to 6:00 p.m., Eastern Time, Monday through Friday.

American Express, MasterCard, and VISA are accepted. The charge on your credit card statement will appear as AIA Videoconference.

Make all checks payable to: AIA BUILDING CONNECTIONS.

REGISTRATION FORM

AIA Pittsburgh
 The CNG Tower Suite 200
 625 Liberty Avenue
 Pittsburgh, PA 15222

PLEASE CHECK ONE:

Full Conference

- ☐ I will attend all three videoconferences and register at the discount price to save 15-25%.
☐ \$145 for members* ☐ \$195 for non-members ☐ \$60 for student/faculty

Individual Conference

- ☐ Program I "Energy and Resource Efficiencies" January 14, 1993
☐ \$65 for members* ☐ \$85 for non-members ☐ \$25 for student/faculty
☐ Program II "Healthy Buildings and Materials" March 4, 1993
☐ \$65 for members* ☐ \$85 for non-members ☐ \$25 for student/faculty
☐ Program III "Land, Resources, and the Urban Ecology" April 22, 1993
☐ \$65 for members* ☐ \$85 for non-members ☐ \$25 for student/faculty

*Members of AIA or those co-sponsoring organizations listed in this brochure qualify for reduced fees. If applicable, list your organization and your membership number:

One workbook for the series is included with each registration. You may purchase additional workbooks separately.

Number of book(s) desired: _____ @ \$85 each = \$ _____

TOTAL FEES DUE: \$ _____

Registration Information (Please type or print neatly.)

First Name _____

Last Name _____

Phone Number _____

FAX _____

Company Name _____

Address _____

City _____

State _____

Zip Code _____

FINANCIAL INFORMATION

Check enclosed made payable to: AIA BUILDING CONNECTIONS
 Purchase Order (Enclose original if mailing form; send photocopy if faxing registration form.)

CREDIT CARD:

- ☐ American Express ☐ MasterCard ☐ VISA

Card Number: _____

Expiration Date: Month _____ Year _____

Cardholder Name (Print) _____

Cardholder acknowledges the transaction in the amount shown above and agrees to perform the obligations set forth in the cardholder's agreement with the issuer. This charge will appear on the credit card statement as AIA Videoconference. You will receive a confirmation in writing with directions to the site.

Cardholder's Signature _____



CSI Specification Course

Preparation and Interpretation of Construction Documents and Specifications

WHO YOU! The Pittsburgh Chapter of CSI will conduct an 8-session introductory course on the preparation and interpretation of construction documents and specifications. The course is recommended for: specification writers, architects, engineers, contract administrators, manufacturer's representatives, interior designers, contractors and others. The course should also be attended by those planning to take the CCS (Certified Construction Specifier) or CDT (Construction Documents Technologist) exams on Saturday, April 3, 1993.

WHAT COURSE SCHEDULE

1. Framework for the Project Manual
2. Documents: Bidding and the Agreement
3. Documents: General and Supplementary Conditions
4. Specifications: Format and Language
5. Specifications: Methods
6. Specifications: Division 1 - General Requirements
7. Special Applications: Allowances and Alternates
8. Documents and Specifications/Project Manual: Production and Agenda

WHERE PLACE: Baker and Associates
Airport Office Park, Building 3
420 Rouser Road
Coraopolis, PA 15108

FOOD: Pizza and drinks are included in course fee.

WHEN DATES: Wednesdays, February 3, 10, 17, 24,
and March 3, 10, 17, 24, 1993.

TIME: 6:00 p.m. to 8:30 p.m.

FEES: \$120.00 for first person and \$80.00 for each additional person from same firm.
Fees will be discounted \$15.00 per person if registration is dated before January 15, 1993.

COURSE MATERIAL: The CSI Manual of Practice (MOP) is required as course material. CSI has expanded the Manual of Practice into three modules and these can be ordered along with the course registration for the following discounted prices:

Required for CDT Exam:

- \$64 for CSI MOP Construction Document Fundamental & Format Module with Appendix contents listed below.

Required for CCS Exam:

- \$80.00 Fundamental & Format Module with Appendix and Construction Specification Practice Module.

Required for CCPR Exam:

- \$80.00 Fundamental & Format Module with Appendix and Construction Product Representation Module.

Conscientious Investment:

- \$96.00 for CSI Manual of Practice 3 Module Set, with Appendix containing Masterformat, Uniformat, Page Format and Section Format

COURSE INSTRUCTORS:

- Brian Joos, PE, CCS, Program Manager Allegheny County, Dept. of Engineering/Construction
- Thomas E. Kennedy, RA, CCS, Instructor and Independent Specifications Consultant
- Nicholas Campo, RA, CCS, Specification Writer MacLachlan Cornelius Filoni, Architects
- Robert J. Bailey, RA, CCS, Specification Writer Williams Trebilcock Whitehead
- Robert K. Tench, RA, Specification Writer Burt Hill Kosar Rittelmann Associates
- Deborah D. Martonik, CCS, Specification Writer
- Dennis Buirge, RA, CCS, Specification Writer Paul C. Apostolou & Associates
- Ken Nagie, RA, CCS, Specification Writer Foreman and Bashford, Architects and Engineers
- Roger A. Mallory, RA, CCS, Specification Writer Independent Specifications Consultant

REGISTRATION FORM: To register, fill out following requested information and mail to Deb Martonik. Registration deadline for discounted fees is January 15, 1993.

CHECK PAYABLE:

Pittsburgh Chapter CSI
Deadline for Discount:
January 15, 1993

NAME		CSI Membership #
ADDRESS		
CITY	STATE	ZIP
		\$
PHONES: WORK	HOME	AMOUNT ENCLOSED

SEND TO:

Deb Martonik, CCS
CSI Education
Committee Chairman
P.O. Box 15932
Pittsburgh, PA 15244
Phone: 787-1955
or 787-9709



STOP

THIS IS THE
ONLY
NOTICE
YOU WILL RECEIVE
ABOUT THIS
**SPECIFICATION
COURSE**

January Chapter Meeting—Forecasting the Future

While the future of computers in architecture was examined in this issue, the January chapter meeting will look into the future of the profession from a business, economic and construction standpoint. Stuart G. Hoffman, senior vice president and chief economist for PNC Financial Corp., will forecast the business outlook for the next two to five years for architects by discussing how the Clinton Administration will affect the economic climate for the field. While the building and design profession is still feeling the effects of a long recession, Hoffman's insight, gained from years as a senior economist both in Atlanta and Pittsburgh, will help chapter members in making long range plans for their firms.

Hoffman is a member of the National Association of Business Economists, the American Economics Association and the American Bankers Association Economic Advisory Committee. A member and past president of the Economic Club of Pittsburgh, Hoffman serves on the board of directors of the city's Zoological Society and the Free Enterprise Partnership.

Advertisers' Index

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Upcoming

February - **AIA Long Range Plan**

March - **Mayoral Candidates Speak to Architects**

Here's your chance to showcase your work in COLUMNS! Projects must be designed by a member or member firm and may be in any stage of development, but no more than one year old. **The deadline for March submissions is January 25th.** Artwork will not be returned unless a self-addressed stamped envelope is included.

Send your project to:

COLUMNS, c/o The Cantor Group, 1225 Farragut Street, Pittsburgh, PA 15206 or call 412/661-3734, fax: 412/661-6287

Advertising in COLUMNS

When you advertise your business, product or service in COLUMNS, your message is read by every registered and intern architect in Southwestern PA (over 1000) plus an equal number of consulting engineers, interior designers, landscape architects, facility managers, developers, and specialty and general contractors. COLUMNS offers a targeted audience, attractive rates and proven results.

Call COLUMNS Advertising Manager, Tom Lavelle at 412/882-3410.

AIA Pittsburgh and CSI Pittsburgh

Cordially Invite You To

the January Meeting

"Post Election Prospects of the 1993 Economy"

Speaker: Stuart G. Hoffman

Senior vice president and chief economist for PNC Financial Corp.

Tuesday, January 12

Embassy Suites adjacent to Cherrington Corporate Center

5:30 pm social hour/wine and beer

6:30 Dinner 7:30 Talk

\$20 per person

Reservations to: Sheila Cartliff, 403 Kingston Dr., Pittsburgh PA 15233

Phone: 823-5063. Be sure to identify yourself as an AIA member.

RSVP by Friday, January 8

RSVP

"Post Election Prospects of the 1993 Economy"

Embassy Suites

Tuesday, January 12

name _____

firm _____

address _____

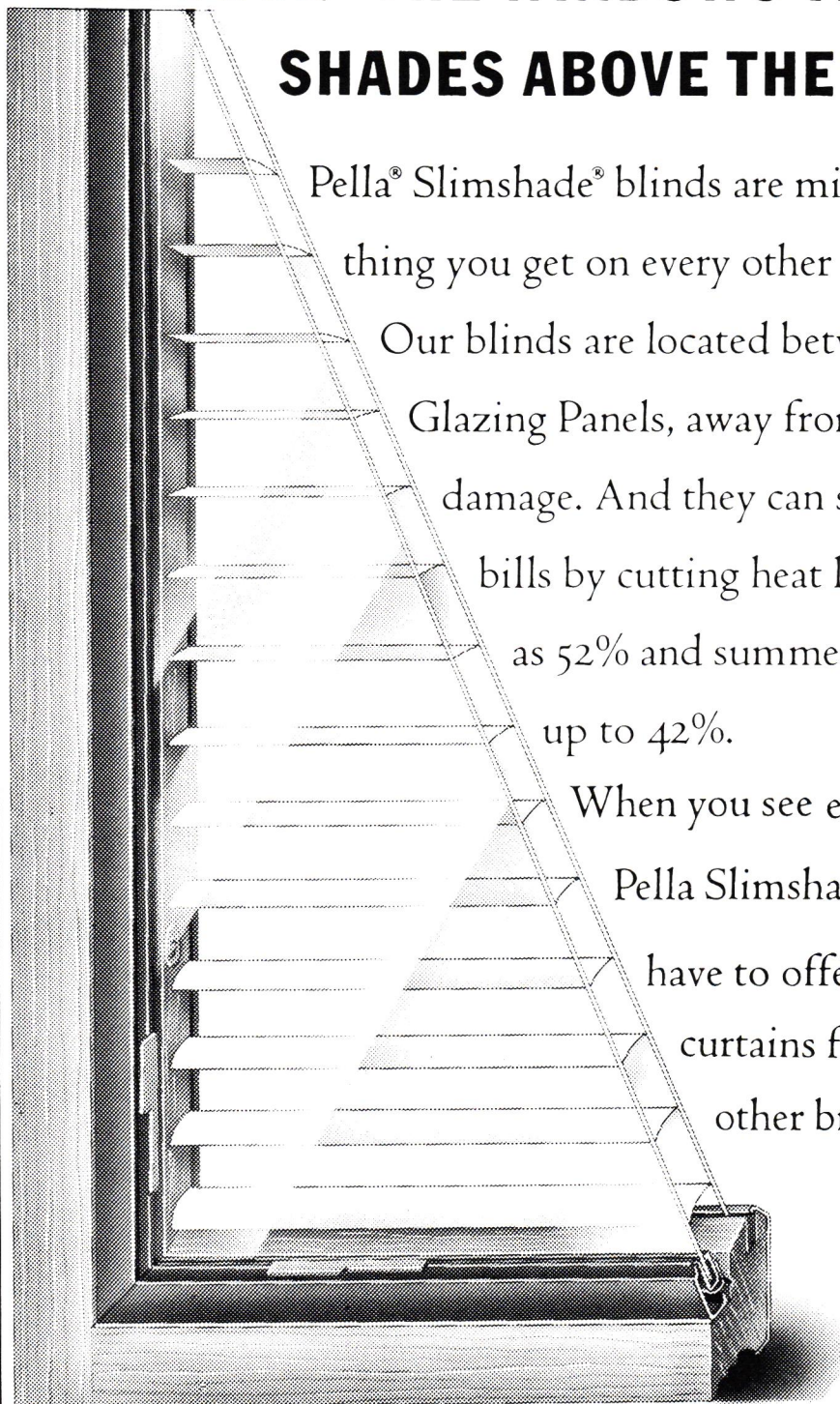
city/state/zip _____

telephone _____

Names of attendees (\$20 each):

Clip/copy this form and send with check (payable to "Pittsburgh Chapter CSI") to:
Sheila Cartliff, 403 Kingston Drive, Pittsburgh, PA, 15233 or phone: 823-5063 by
Friday, January 8.

CHOOSE THE WINDOWS THAT ARE SHADES ABOVE THE REST.



Pella® Slimshade® blinds are missing something you get on every other blind. Dust. Our blinds are located between Double-Glazing Panels, away from dirt and damage. And they can slim down your bills by cutting heat loss as much as 52% and summer heat gain by up to 42%.

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INSIDE

'92 DESIGN AWARDS

A FULL MAILBOX

A CALL FOR BIRD HOUSES

COMPUTERS AND ARCHITECTS

AIA PITTSBURGH

625 Liberty Avenue
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