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"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

**Computer Shock**

Michelle Fanzo, Editor

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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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 interiority 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. Platmanns references to trade school values and flavor-of-the-month profession bespeak 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 then standing in the way of others who are attempting to improve theirs.

Mark McCormick, AIA
Principal, McCormick McCarthy Inc.

(Editors 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 Aufrman, Margaret Ringel Baker, Veronica Berchok, and Ray Calzaro—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 Moore
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 Fawrget 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.

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 entire lifetime's worth of work, 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.

A New Year's Opportunity
The RFQ Process

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

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

Are you 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.

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 flannel 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 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 Plattmann, 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 Plattmann. 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, 471-6008

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. Roseabitt, 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 Delislo, 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 Bob 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/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 talking 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

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.
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

Firm: MacEachlan, 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.
Citation Award

Project: Dollar Bank Greensburg Branch
Architects: John Martine, AIA  
Douglas Philip, 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.
COLUMNS

feature

• 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 Dumire, 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, PG 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 Suzanne 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 Kauric, Intern AIA. A 1991 graduate of Carnegie Mellon University, Kauric 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 $3 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 11st.

  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.
DURKAN-COMTECH - Pattern and texture continue to be the choice in today's design of floor covering. Durkan-Comtech offers a unique line of hospitality, corporate, healthcare, and education patterns that may be used on any of our textured base products, to meet all of your design requirements. Let us help create an aesthetically pleasing yet functional floor covering for your interiors. Durkan Patterned Carpets, 412-363-1334

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.

TOLI'S new luxury vinyl tiles offer a selection of elegant contemporary looks which can be used to achieve a broad range of customized variations. With all Toli tile products, your individualized floor designs can be enhanced with Toli divider strips in coordinating colors and attractive neutrals. Toli durable finish and light-fast colors are designed to endure. Distributed by Graffam Floors-Pittsburgh, 1-800-786-9777.

AZROCK - Azrock luxury vinyl tile has a full family of designs to choose from, including wood, marble and ceramic. You can pamper your clients by mixing and matching our tile to create just about any floor design imaginable. Specify the tile that gives you more than you expect-Azrock luxury vinyl tile. Distributed locally by Graffam Floors-Pittsburgh, 1-800-786-9777.

FLAIR! NEW FROM BEECHVIEW AND U.S. CERAMIC TILE
Flair! brings together a variety of accent colors and shapes into a comprehensive package, allowing a multitude of ways to accent any installation. The Flair! system comprises eight shapes and sixteen colors to module with all glazed wall tiles. Samples and literature? These, along with the entire series are now in stock at BEECHVIEW, your ceramic tile headquarters. Beechview Tile Co., 412-531-0342, 1347 West Liberty Avenue, South Hills.

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For more than 30 years, the sector leader GranitiFiandre has been producing the most sophisticated high technology material for flooring: porcelain stoneware. Vast experience and meticulous market analysis has brought about the creation of this new collection which looks ahead to the next millennium confident of any challenge thanks to GranitiFiandre state-of-the-art technology and constant research. Tile & Design 412-362-8434

INTRODUCING "THE AEGEAN COLLECTION"
Inspired by the floors of ancient Grecian temples, this new collection is an intriguing application of bold geometric designs. The subtle beige, grey and taupe colorways enhance the timeless classical feeling. This Wilton weave is available in 100% worsted wool as carpeting and area rugs, each complemented by a unique scroll and column border...and it's from Saxony where there is always something interesting underfoot. Le Tapisserie, 6004 Penn Circle S., Pittsburgh, PA 15206; 412-441-4081

WOOD FLOORING WITH FASHION, DURABILITY AND EASY MAINTENANCE
Timeless Series II is acrylic-impregnated hardwood, available in four species and twenty-four colors. It resists abrasion and impact, and its stable 3-ply laminate construction makes it a perfect choice for remodeling and new construction. The micro-bevel edge gives it the "linear" look in demand today. For more information on Permagrain wood or stone flooring products, call Bennett Supply Company at 412-782-4500.

Coming in March:

What's new in:
Windows and Doors

To include your product(s) call Tom Lavelle at 882-3410
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

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, 468-0307.

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 Brenenbrog, 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, 823-5083 for information.
For example:

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The Omni-stone® range of colors, shapes and styles is limited only by your creative expression.
Family info: Recently and happily married to Lynn Hungate.
Years in practice: 30 (since birth)
First job: Cleaning out coffee mugs at my father's firm.

Charles L. Desmone II
"Chip"


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 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
Boxed in by tract house benefits? Custom design and value engineer a plan for your firm or yourself. Call Don Kester, 562-9848.

Contractors’ Directory

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<th>Commercial</th>
<th>Construction</th>
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<td>1133 South Braddock Ave (Regent Square), Pittsburgh, PA 15218</td>
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<td>731-5900 Contact: Dave Harchuck</td>
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<td>828-5500 Contact: Angelo Martini, Sr.</td>
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<td>923-2555 Contact: M. Dean Mosites</td>
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Jeffco Construction Co.
GENERAL CONTRACTOR/CONSTRUCTION MANAGER
Jeffco Building, 1133 S. Braddock Avenue, (Regent Square) Pittsburgh, PA 15218
# Engineers' Directory

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<td>Civil</td>
<td>1000 Banksville Road, Pittsburgh, PA 15216</td>
<td>227 Fort Pitt Boulevard, Pittsburgh, PA 15222</td>
<td>420 Roser Road, Bldg. 3, Coraopolis, PA 15108</td>
<td>900 Penn Avenue, Pittsburgh, PA 15222</td>
<td>345 Fourth Avenue, Pittsburgh, PA 15222</td>
<td>8150 Perry Highway, Suite 319, Pittsburgh, PA 15227</td>
<td>4036 Campbell Run Road, Pittsburgh, PA 15235</td>
<td>1011 Alxion Street, Pittsburgh, PA 15220-3424</td>
<td>P.O. Box 1000, 615 W. Highland Avenue, Ebensburg, PA 15931</td>
<td>P.O. Box 15540, Pittsburgh, PA 15244</td>
<td>Division of Archway Engineers Inc., 6085 Penn Ave., Pittsburgh, PA 15236-4407</td>
<td>One Gateway Center, 5 West, Pittsburgh, PA 15222</td>
<td>Suite 311, 300 Mt. Lebanon Blvd., Pittsburgh, PA 15234</td>
<td>409 Elk Ave., Carnegie, PA 15106</td>
<td>Two Gateway Center, 13 East, Pittsburgh, PA 15222</td>
<td>811 East Carson Street, Pittsburgh, PA 15203</td>
<td>900 Sixth Avenue, Suite 300, Pittsburgh, PA 15222</td>
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<td>Consulting</td>
<td>531-7111 Contact Susan Ackenheil Low</td>
<td>765-1701 Contact Patrick J. Branch, PE, President</td>
<td>269-6250 Contact John J. Vojcak</td>
<td>261-4552 Contact John K. Hoyd</td>
<td>261-4745 Contact Charles Faxon</td>
<td>931-8888 Contact David E. Tower</td>
<td>925-1950 Contact Daniel Giacca, Jr.</td>
<td>921-4030 Contact John K. Hoyd</td>
<td>(412)472-1700 Contact John R. Kimball, Sr. V.P.</td>
<td>787-0720 Contact Morgan P. Kronk</td>
<td>303-9000 Contact Sam Lynn</td>
<td>471-9100 Contact John Wilhelm</td>
<td>843-8844 Contact Phyllis J. Mellow, P.E.</td>
<td>276-8844 Contact James B. Faith</td>
<td>261-7706 Contact Mark S. Wolfgang</td>
<td>361-4454 Contact Tony Chammas, P.E.</td>
<td>338-9000 Contact Dennis A. Roth, P.E.</td>
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Transportation Planning for Livable Communities
Conference Program

All dates are November 9 - 11, 1999

Register by October 18, 1999

Who Should Attend:

¢ Engineers
¢ Transportation planners and analysts
¢ Issues byway supporters
¢ Planners
¢ Regional and intermodal planners
¢ Pedestrians
¢ Local, state, and federal officials
¢ Landscape architects
¢ Historic preservationists
¢ Environmentalists
¢ Government administrators and elected officials and constituents
¢ Clean air advocates
¢ Policy
¢ Architects

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/transport
¢ Design standards
¢ Funding and project implementation
¢ Vision for the future
¢ Building local and state partnerships
¢ Design solution report
¢ Reception

Where and When:

<table>
<thead>
<tr>
<th>CITY/DATE</th>
<th>HOTEL</th>
<th>RATES O/ALL</th>
<th>PHONE</th>
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<tbody>
<tr>
<td>Pittsburgh, PA</td>
<td>May 25</td>
<td>11:00 pm-noon</td>
<td>(412) 263-4400</td>
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<tr>
<td>Seattle, WA</td>
<td>Jun 26</td>
<td>8:30 am-noon</td>
<td>(206) 728-1000</td>
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<td>Louisville, KY</td>
<td>Jul 16</td>
<td>10:00 am-noon</td>
<td>(502) 296-3000</td>
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<tr>
<td>Boston, MA</td>
<td>Aug 17</td>
<td>12:00 pm-noon</td>
<td>(617) 742-8000</td>
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<td>San Francisco, CA</td>
<td>Sep 18</td>
<td>2:00 pm-noon</td>
<td>(415) 575-4000</td>
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<td>Atlanta, GA</td>
<td>Oct 19</td>
<td>3:00 pm-noon</td>
<td>(404) 673-5000</td>
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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 ensure 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 revives 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 and grants these programs help citizens and organizations to restore and preserve 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 grass roots groups whose goal it 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 promotes public health and the environment.

*STPF 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 • Surdna 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.

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.

Where Should You Attend?
Special sessions focusing on individual states will be held at each conference as indicated on the map below.

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.

If you attend this conference, you will:
- Help to create a broader vision of transportation in your community.
- Walk away with nuts and bolts—how 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.

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:

Bicycle/Pedestrian
Growth Management/Clean Air/Transit
Scenic/Historic
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, D.C. 20036
1-800-937-8847 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.
BUILDING CONNECTIONS

A SERIES OF THREE NATIONAL VIDEOCONFERENCES IN 1993

January 14, March 4, and April 22

EXPECTED TOPICS

- Read skills of the 1990s: Business and Marketing
- Planning for the 21st Century: The Future of Our Profession
- Building professional profiles for the new consumer
- How to market your firm
- How to communicate with the consumer
- How to manage your firm

Register Today!

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

FIVE REASONS TO ATTEND

1. Network with Architects, Engineers, and other professionals in your field to enhance your career.
2. Learn the latest in environmental regulations and sustainability.
3. Discover new markets for your business.
5. Learn new trends in the industry and how to stay competitive.

FUTURE EMPLOYMENT AND ACHIEVEMENT

- Increase your salary and potential for advancement.
- Improve your marketability and employability.
- Expand your professional network.

PREPARE FOR GOVERNMENT REGULATIONS

- Learn how government regulations affect the architectural profession.
- Understand the implications of current and upcoming regulations.
- Prepare for the future of the profession.

SIMPLIFY ECONOMIC GROWTH IN YOUR COMMUNITY

- Identify opportunities for economic growth in your community.
- Understand the economic impact of architectural projects.
- Create a strategy for economic development.

BUILDING CONNECTIONS

The American Institute of Architects
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.
- 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.

Carnegie Mellon University OR WQED
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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 (AHEFO)
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 and 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)
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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)
National Resources Defence 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—1:50 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—1:50 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—1:50 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
- $145 for members*
- $195 for non-members*
[ ] $60 for students

Individual Conference
[ ] Program I "Energy and Resource Efficiencies" January 14, 1993
- $65 for members*
- $85 for non-members*
- $25 for students
[ ] Program II "Healthy Buildings and Materials" March 4, 1993
- $65 for members*
- $85 for non-members*
- $25 for students
[ ] Program III "Land, Resources, and the Urban Ecology" April 22, 1993
- $65 for members*
- $85 for non-members*
- $25 for students

*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

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.

COURSE SCHEDULE
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

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

FOOD: Pizza and drinks are included in course fee.


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, Uniform, 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
- 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

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 Carlill, 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 Carlill, 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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