

# C O L U M N S

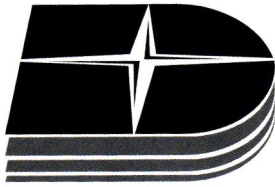
An aerial photograph of Pittsburgh, Pennsylvania, showing the city skyline in the background with the Allegheny River and bridges. In the foreground, the Carnegie Mellon University campus is visible, featuring various academic buildings, a large athletic field with a running track, and surrounding green spaces. The image is in black and white.

**CARNEGIE MELLON UNIVERSITY'S  
MASTER PLAN: A Roadmap for  
Future Development**

**70 YEARS OF ARCHITECTURAL  
PHOTOGRAPHY AT HEDRICH BLESSING**

**A MESSAGE FROM THE NEW PRESIDENT**





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# **Theater Building Systems: Light, Air and Everything Else Len Auerbach + Roger Morgan**

**Friday 3.16 @ 11:30am Chosky Theater, CMU**

This is the third in a 4-part lecture series for the Schools of Architecture and Drama at Carnegie Mellon University. It features presented by Len Auerbach of the San Francisco and the NYC firm of Auerbach Consultants in theater design. Theater Lighting, Rigging And Theater Auerbach in conjunction with internationally known consultants in Theater Acoustics, Theater Lighting, Rigging And Theater Mechanics, Building Systems and Cost.

**Bill Sharples**

**SHOP**

**Sharples Holden Pasquarelli, NYC**

**Monday 3.19 @ 6:00pm Doherty Hall 2210, CMU**

Sharples is founding partner of the award winning NYC design firm, featured in Dec. 2000 Architectural Record as part of the "New Van Guard", ten young design firms offering intriguing visions of architecture's new direction. Their work is featured in the "Folds, Blobs, + Boxes" exhibit currently at the Heinz Architectural Center.

**Inmuebles:  
Explorations in Context  
Rafael Longoria  
Professor, University of Houston**

**Tuesday 3.20 @ 6:00pm Carnegie Mellon University, Room t.b.a.**

Longoria will discuss current work of his firm of Longoria/Peters who see architecture as a site-specific discipline, implying the profound relationship of architecture to the natural elements (sun, wind and rain) and a building's interaction with its urban context.

**Dennis Ruth  
Dural Studio**

A Pittsburgh, a Chapter of the American Institute of Architects

Pittsburgh AIA's Foundation for



**Auburn University**

**Wednesday 4.11 @ 6:00pm Carnegie Museum Theater**

Ruth is cofounder with award-winning architect Samuel Mockbee of Auburn's Rural Studio, a design-build program to get 2nd and 5th year students practical experience building for the rural poor in Alabama. They design innovative buildings, using many recycled materials in creative ways. The work has won numerous awards and has been published and exhibited widely.

## **Design Resolution: Integration, Deliverables and Results**

**Len Auerbach + Stuart Donnell**

**Friday 4.6 @ 11:30am Chosky Theater, Purnell Center for Arts, CMU**

This is the last in the 4-part lecture series for the Schools of Architecture and Drama at Carnegie Mellon University.

**Suha Ozkan**

**Director, Aga Khan Awards**

**Monday 4.16 @ 6:00pm Carnegie Mellon University, Room t.b.a.**

Ozkan will discuss the influential Aga Khan Award program given to innovative architectural designs in the developing world, and discuss issues of social change, cultural transfusions and "modernization".

**T.B.A.**

**Tuesday 4.24 @ 6:00pm Carnegie Mellon University, Room t.b.a.**

The Heinz Architectural Center, The Carnegie Museum of Art



# Pittsburgh Architecture Lectures Series

## **Joseph Rosa**

**The curator's lecture for the current  
"Folds, Blobs + Boxes"**

**exhibit at the Heinz Architectural Center**

**Monday 2.19 @ 6:00pm Carnegie Museum Theater**  
Rosa will trace the evolving concept of buildable forms, from the "box-breaking" explorations of several 20th-century architects to the digital designs of the 21st century.

## **Architecture in the Digital Realm**

### **Panel Discussion**

**Saturday 3.3 @ 1:00pm Carnegie Museum Theater**  
Architects **Preston Scott Cohen**, **Brendan McFarlane** and **Sulan Kolotan** discuss the impact of the computer on their work. Moderated by **Joan Ockman**, Columbia University.

## **From Pedagogy to Practice**

### **Panel Discussion**

**Tuesday 3.6 @ 6:00pm Carnegie Museum Theater**  
**Alicia Imperials**, architectural theorist, writer, and teacher, moderates a discussion on how computers and digital design technology in the new "paperless studios" impact current practice. Panel includes **Reed Kroloff**, editor, "Architecture Magazine"; **Sylvia Lavin**, UCLA; **Bernard Tschumi**, Columbia University.

sponsored by: The School of Architecture, Carnegie Mellon University



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Award – Project Over \$5 Million  
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Sewickley Public Library Addition and Renovation

Award – Excellence in Craftsmanship  
**Mosites Construction Company**  
Solutions Consulting World Headquarters

We are proud of every submission represented in this booklet. Each contains award-winning attributes, exemplifying the quality, cost-effective product delivered by MBA contractors.



# EXCELLENCE IN CRAFTSMANSHIP



## **University of Pittsburgh Cancer Institute Shadyside**

Contractor:

**Brayman Construction Corporation**

Architect:

**IKM, Incorporated**

Owner:

**UPMC Health Systems**



## **FINALIST**

## **Upper St. Clair High School Upper St. Clair**

Contractor:

**Nello Construction**

Architect:

**Fanning/Howey Associates, Inc.**

Owner:

**Upper St. Clair School District**



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**O'Reilly Theater**  
Pittsburgh

Contractor:  
**Turner Construction Company**

Architect:  
**Michael Graves & Associates**

Owner:  
**O'Reilly Theater**

*"This project is noteworthy because of the extreme difficult nature of the site and the very complex program inherent in theater construction. The tight urban site and the irregularities and scheduling and phasing issues were solved in a smooth manner by the contractor. The integration of complex systems into a pleasing and well-crafted building and the teamwork involved with a demanding owner and architect are also exemplary."*

BUILDING EXCELLENCE AWARDS JUDGES

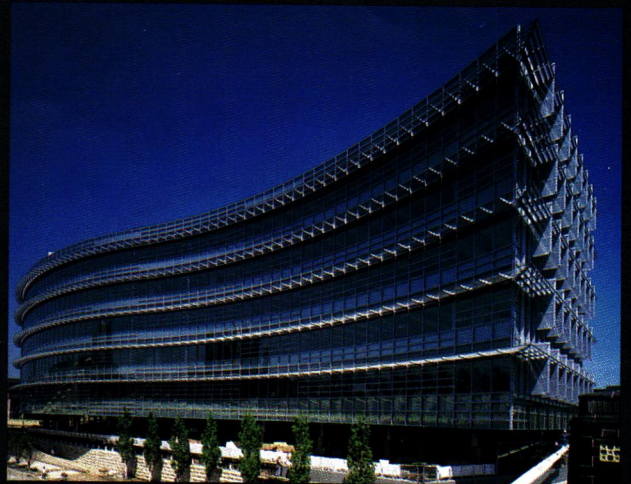
**FINALIST**

**Alcoa Corporate Headquarters**  
Pittsburgh

Contractor:  
**Turner Construction Company**

Architect:  
**The Design Alliance**

Owner:  
**Alcoa**





**Caritas Christi Motherhouse  
and Retirement Community**  
Greensburg

Contractor:  
**John Deklewa & Sons, Inc.**

Architect:  
**RSH Architects**

Owner:  
**Sisters of Charity of Seton Hill**

**OVER \$5 MILLION**



**Pittsburgh Technical Institute**  
Oakdale

Contractor:  
**Massaro Company**

Architect:  
**Tasso Katselas Associates**

Owner:  
**Pittsburgh Technical Institute**

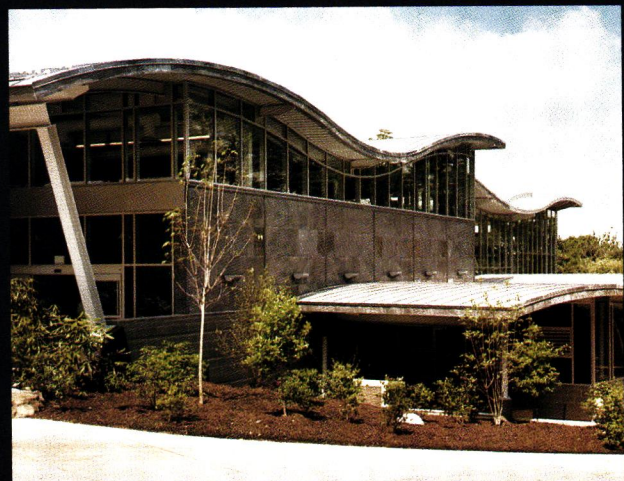


**Pittsburgh Zoo  
& New Aquarium Complex**  
Pittsburgh

Contractor:  
**Dick Corporation**

Architect:  
**Indovina Associates**

Owner:  
**Pittsburgh Zoological Society**





**OVER \$5 MILLION**



**Solutions Consulting World Headquarters**  
Canonsburg

Contractor:  
**Mosites Construction Company**

Architect:  
**Lorenzi Dodds & Gunnill**

Owner:  
**The Southpointe/Miller  
Ltd. Partnership**



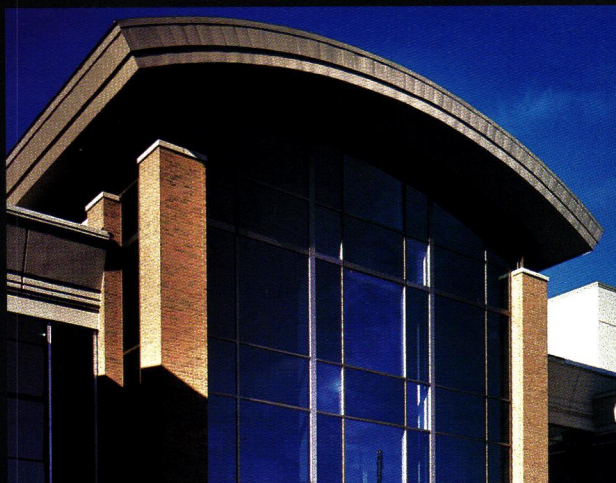
**FINALIST**

**UPMC Sports Performance Complex**  
Pittsburgh

Contractor:  
**Mascaro Construction Company, L.P.**

Architect:  
**L.D. Astorino Companies**

Owner:  
**UPMC**



**FINALIST**

**Upper St. Clair High School**  
Upper St. Clair

Contractor:  
**P. J. Dick, Incorporated**

Architect:  
**Fanning/Howey Associates, Inc.**

Owner:  
**Upper St. Clair School District**





**Sewickley Public Library  
Addition & Renovation  
Sewickley**

Contractor:  
**Landau Building Company**

Architect:  
**N. John Cunzolo & Associates**

Owner:  
**Sewickley Public Library**

*"This addition to and renovation of a small historic library showed a deftness of handling of many historic building materials such as sandstone, Ludowici tile and woodwork. The Library was kept open nearly through the entire construction process; and the results are breathtaking."*

BUILDING EXCELLENCE AWARDS JUDGES

**American Bridge Company  
Corporate Headquarters  
Coraopolis**

Contractor:  
**Burchick Construction Company**

Architect:  
**Louis F. Gilberti Architects**

Owner:  
**American Bridge Company**

Master Builders' Association





## UNDER \$5 MILLION



**CDC – Pullman Center**  
Butler

Contractor:  
**Uhl Construction Company, Inc.**

Architect:  
**Ligo Architects & Associates**

Owner:  
**Community Development Corporation  
of Butler County**



**FINALIST**

**The Church of the Covenant**  
Washington

Contractor:  
**Nello Construction**

Architect:  
**RSH Architects**

Owner:  
**The Church of the Covenant**



**Dowe's on Ninth**  
Pittsburgh

Contractor:  
**Turner Construction Company**

Architect:  
**Lasky Design**

Owner:  
**Al Dowe/Etta Cox**



## UNDER \$5 MILLION

**Laurel Valley Golf Club  
New Cottage Construction  
Ligonier**

Contractor:  
**Dick Corporation**

Architect:  
**L. D. Astorino Companies**

Owner:  
**Laurel Valley Golf Club**



**Our Lady of Grace Church  
Greensburg**

Contractor:  
**A. Martini & Company**

Architect:  
**Ross Bianco Architects**

Owner:  
**Catholic Diocese of Greensburg**





## UNDER \$5 MILLION



### FINALIST

#### **Penn Center West Building No. 8** Robinson Township

Contractor:

**Jendoco Construction Corporation**

Architect:

**Gardner + Pope Architects**

Owner:

**The Soffer Organization**



#### **Pointe Plaza at Southpointe** Canonsburg

Contractor:

**Burchick Construction Company, Inc.**

Architect:

**Gardner + Pope Architects**

Owner:

**PSR Associates, LP**



## UNDER \$5 MILLION

### **St. Bonaventure Parish** Glenshaw

Contractor:  
**Massaro Company**

Architect:  
**MacLachlan Cornelius & Filoni, Inc.**

Owner:  
**St. Bonaventure Parish**

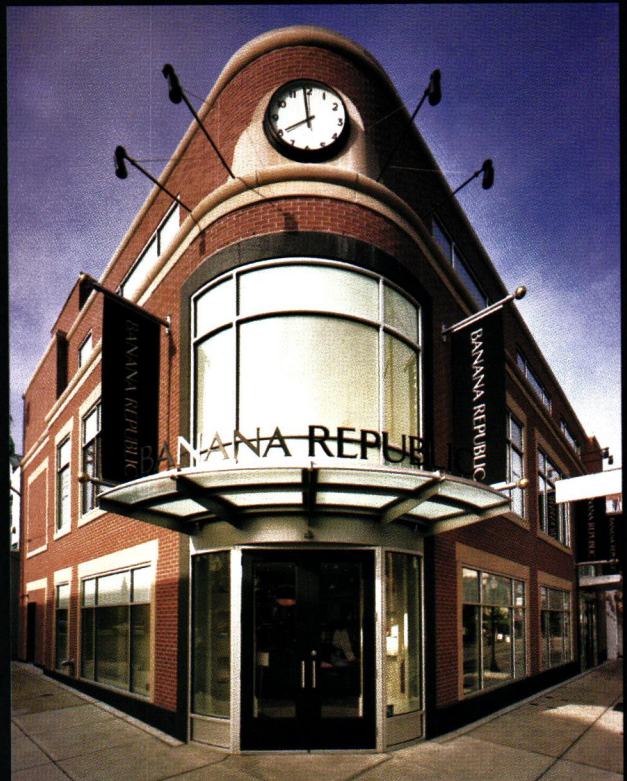


### **Shadyside Retail Building** Shadyside

Contractor:  
**A. Martini & Company**

Architect:  
**Design 3 Architecture, PC**

Owner:  
**Walnut Capital Partners**





## UNDER \$5 MILLION



### **Somerset County Office Building** Somerset

Contractor:

**Nello Construction**

Architect:

**EADS Architects, Inc.**

Owner:

**Somerset County Commissioners**



### **West Penn Hospital LDRP #11 Through #15** Pittsburgh

Contractor:

**Volpatt Construction Corporation**

Architect:

**IKM, Incorporated**

Owner:

**The Western Pennsylvania Hospital**





**Solutions Consulting  
World Headquarters**  
Canonsburg

Contractor:  
**Mosites Construction Company**

Architect:  
**Lorenzi Dodds & Gunnill**

Owner:  
**The Southpointe/Miller  
Ltd. Partnership**

*"The tight tolerances involved in putting together this building involved the coordination of many diverse trades and materials. Brickwork, stone, steel and glass are beautifully crafted into a fine project. The teamwork that took place on this project was outstanding."*

BUILDING EXCELLENCE AWARDS JUDGES

**FINALIST**

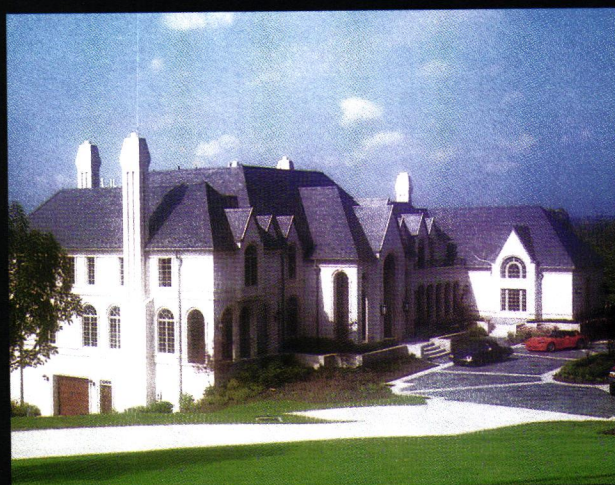
**Costa Residence**  
Pittsburgh

Contractor:  
**M. I. Friday, Inc.**

Architect:  
**Anthony Stillson & Associates**

Owner:  
**Dr. Frank Costa**

Master Builders' Association





# EXCELLENCE IN CRAFTSMANSHIP



## **Crown Castle USA, Network Operation Center Room Canonsburg**

Contractor:  
**Landau Building Company**

Architect:  
**RSH Architects**

Owner:  
**Crown Castle USA, Inc.**



## **Duquesne Club Conference Center and Third Floor Renovations Pittsburgh**

Contractor:  
**Dick Corporation**

Architect:  
**L. D. Astorino Companies**

Owner:  
**The Duquesne Club**



## **Harbor Gardens Office Training Complex Pittsburgh**

Contractor:  
**P. J. Dick, Incorporated**

Architect:  
**L. D. Astorino Companies**

Owner:  
**BIDCO**



# EXCELLENCE IN CRAFTSMANSHIP

## FINALIST

**Indian Nationality Room,  
University of Pittsburgh Cathedral of Learning  
Oakland**

Contractor:  
**TEDCO Construction Corporation**

Architect:  
**Renaissance 3 Architects**

Owner:  
**University of Pittsburgh**



## FINALIST

**International Brotherhood  
of Electrical Workers Local #5 Headquarters  
Pittsburgh**

Contractor:  
**Mascaro Construction Company, LP**

Architect:  
**IKM, Incorporated**

Owner:  
**IBEW Local #5**



**Steelers Stadium  
North Side**

Contractor:  
**Richard Goettle, Inc.**

Architect:  
**HOK Sports**

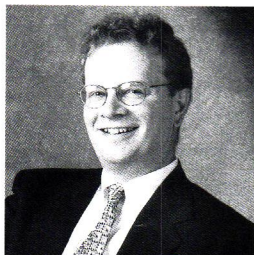
Owner:  
**Sports & Exhibition Authority**





# The Focus of Design

Paul Ostergaard, AIA, UDA Architects



## Pittsburgh is our urban laboratory.

We are celebrating the partnership of owners, contractors and other design disciplines in our common objective of strengthening Pittsburgh as the center of the region and a major design center of the country. We can see that's what's happening here is that same common purpose and shared interest that occurred in the design community of Paris a century ago.

The European influence on American architects in the late 19<sup>th</sup> and early 20<sup>th</sup> century is the subject of much recent study. Paris was the center of culture in the western world and was experiencing rapid growth under the direction of Haussmann. His vast boulevard construction program inspired artists such as Caillebotte, Renoir, Manet, Vuillard and Pissaro to paint urban scenes of the new Paris. It was a life focused on the streets and parks, on the cafes and promenades.

The wonderfully consistent architecture of the boulevards and the new seven-story urban apartment buildings with their ground-floor cafes were the settings for a generation of artists we know as the impressionists. There was a remarkable unity and intensity in the arts, a common sensitivity in the creation of the environment of the city that attracted many to study it. Paris was home to the Ecole des Beaux Arts, the training ground for French architects and many American architects. It was in this urban laboratory that Hunt, McKim, Richardson, Hornbostle, Carrere, Hastings, Howe, Cret, and many others learned the lessons of applying modern building programs to the new city.

Many more American architects received training in Ecole-inspired programs in the United States, including our own Carnegie Institute of Technology. Building design and the role of the architect in building urban space was the common bond. One needs only to compare Avenue Foch in Paris with Central Park West to understand the common gene pool of training and practice between the Europeans and the Americans.

Around the time he was designing Central Park in New York, Olmsted visited Alphand who was designing the parks of Paris. He brought back the lessons he learned in France

and England and transformed them into a new planning strategy uniquely suited to the rapidly growing American city. The City Beautiful movement and the Garden City movement, both outgrowths of European academic circles, brought us the cherished centers and neighborhoods of cities such as Denver, Kansas City, Chicago, Boston, San Francisco, Indianapolis and Philadelphia.

This revival of interest in the prewar American city and the need to purge misguided modernist ideas (notably the Bauhaus and the major figures of the modern movement which influenced the schools of architecture largely for the worse) resulted in the Congress for New Urbanism. It's part of the major effort now under way to remove the legacy of Corbu's beliefs about the form of the city which were manifested in public housing projects and superblock developments.

The word "new" fulfills a need to be revolutionary or at least appear radical and different. But the essence of the CNU is to reconnect the art of designing the city with the pre war generations and apply it to the contemporary American circumstance. This revival of interest in overcoming the mistakes of recent years by patching and stitching the city back together is broader than CNU, although they remain at the vanguard of thought and discourse.

The AIA is now focused on sustainable growth and the advantages of lavishing resources on the cities while discouraging sprawl. The ULI, recognizing that one of the hottest markets for real estate is our unique older urban neighborhoods, has shifted their focus to building urban places.

What does all this have to do with AIA Pittsburgh? Thanks to the inspired leadership of our board and staff, we are positioning AIA Pittsburgh to be the focus of design in the region spearheaded by Design Pittsburgh, our series of events in October. (AIA Pittsburgh is a recipient of an award for this event at AIA Grassroots this year.)

We are raising awareness of the recovered role of architects in designing the city. Pittsburgh is rebuilding its mistakes. It is planning for the future and once again, architects are students of history. They are listening carefully.

*"What's happening here is that same common purpose and shared interest that occurred in the design community of Paris a century ago."*

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**On the cover:** Carnegie Mellon University, Aerial view.  
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AIA Pittsburgh serves 12 Western Pennsylvania counties as the local component of the American Institute of Architects and AIA Pennsylvania. The objective of AIA Pittsburgh 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.

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# Buildings and their Places in Our Lives

by Anne J. Swager, Hon. AIA

## I grew up in a reasonably active,

athletic family long before Title IX was in place to insure girls a spot on athletic teams. I was a short, skinny kid but I had a scrappy, competitive personality, which usually meant I was in the middle of the fray whether it was wrestling, football, kickball or basketball. My father encouraged us to "engage" in athletic pursuits but he did not encourage us to watch sports as spectators. My brother, sister and I grew up swimming competitively, climbing mountains, riding bikes and doing lots of active, physical chores. Singular activities were promoted, gang sports were considered less enticing. For me, the advantage I had from sheer competitive willpower could not compensate for my less than stellar eye-hand coordination or my slight size. After being banged about more times than I would like to admit, I had to pass on contact sports and leave them to the boys.

It wasn't until I got to college that I learned that people (mostly boys) could sit in front of the TV for hours watching any number of sports games. Right out of school, I moved to Pittsburgh. Now, I could see first hand, what *rabid sports fan* actually meant. Always one to want to fit in, I tried to watch all the way through my late 20's but I never really understood the finesse of football. I think I finally got the basic concepts down but I remain eternally bored. However, I do like baseball, which I think has genetic roots. It turns out that my grandfather actually coached the University of Maine baseball team while coaching the track team and teaching chemistry. While my father couldn't stand the sport, both my brother and I are easily convinced to grab an ice-cold beer and plop ourselves down in stadium seats to while away the hours watching baseball. I do have a soft spot for the Pirates, but I admit that with a constantly changing player rostrum, it is difficult for me to become a die-hard.

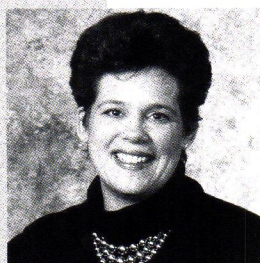
Despite going to more than my fair share of games at Three Rivers Stadium, I only went to one cliffhanger game, which I can remember clearly, and we lost. I never saw the *Im-*

*maculate Reception* or anything akin to it. Despite some great Sunday afternoons with my two oldest children at the baseball games, I tend to have more complaints about the venerable old stadium than accolades. My biggest complaint was the long cold concrete ramps that were always 30 degrees cooler than the outside seating. I could go on about the lines for the dirty bathrooms, the lousy and expensive food, and the ushers that hijacked you for a tip before you could sit down, but then, everybody had similar complaints.

I was struck by the hoopla around the implosion. In a rabid sports town, it was a no brainer that the auction for the stadium memorabilia would be popular. I can even see why people got out of bed at the crack of dawn to see it blown up. I bet it was an impressive sight, but I was not to be dragged out of my warm bed at that hour for anything less than my own house blowing up. What got me were the lines of people waiting for chunks of concrete from the building after the implosion. Where do you put something like that? On your coffee table?

Nevertheless, I wasn't ready for the impact I felt when I drove through the Fort Pitt tunnels and saw Three Rivers Stadium as no more than a very big pile of rubble. Suddenly, I was struck by the waste of it all, which David Pecharka had been trying to impress on me for months. I looked at the new Steeler stadium with the open horseshoe shape similar to Dahl Ritchey's original vision for Three Rivers and thought about the folly of the decision to sacrifice design for a more economical solution. Mostly, I am surprised by my own sense of loss over a building for which I had little emotional attachment.

Bravo to the *Pittsburgh Post-Gazette*! Nothing was better after my good night's sleep than seeing Dahl's bright inquisitive face from behind his drafting table on the front of the Sunday Post-Gazette on implosion day. They knew exactly how many of us would feel. The article placement was a great affirmation of the importance of buildings and places in our lives.



*I looked at the new Steeler stadium with the open horseshoe shape similar to Dahl Ritchey's original vision for Three Rivers and thought about the folly of the decision to sacrifice design for a more economical solution.*



Columns is printed on recycled paper.



## All Aboard: Architecture Tour to Columbus, Indiana

The AIA Pittsburgh Foundation for Architecture is sponsoring a spring tour to Columbus, Indiana, a city internationally recognized for its unique architectural character.

The "collection" of notable architecture began in 1942 with the dedication of The First Christian Church, designed by Eliel Saarinen. Buildings designed by Harry Weese, Gunnar Birkerts and Eero Saarinen soon followed. In 1973, Cesar Pelli designed The Commons just after the completion of I. M. Pei's Cleo Rogers Library.

In the next two decades, Richard Meier, Edward Larrabee Barnes and Mitchell/Giurgola designed schools in Columbus. With the completion of recent projects, Columbus now includes the work of architects Charles Moore, Thomas Beeby, Deborah Berke, Robert A. M. Stern, and William Rawn. Many of these projects were built with the support of the Cummins Foundation Building Program, a unique program designed to promote high-quality architecture.

Other sites in Columbus available for touring include: public art projects by Henry Moore, Dale Chihuly, Jean Tinguely, and J. Seward Johnson; The Irwin Home and Gardens, an Italianate garden originally constructed in 1911; and Mill Race Park, an 85 acre park recently redesigned by Michael Van Valkenburgh and Stanley Saitowitz.

The tour is scheduled to leave Pittsburgh the afternoon of Thursday, April 26th, returning Saturday the 28th.

Tour size is limited and reservations are required. The reservation deadline is Friday, the 16th of March.

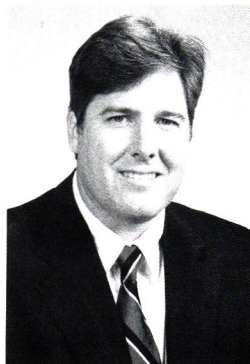
For complete details, please contact Joan Kubancek at AIA Pittsburgh at (412) 471-9548.

## Welcome New Members



Catherine Montague joins the AIA as a professional affiliate. Newly arrived from Arizona, Montague runs Cmi-Catherine Montague Interiors which specializes in high end residential and commercial projects. She has previously worked on projects for the Pittsburgh Dance Council and custom built homes in Arizona. Montague was born in France and enjoys modern dance concerts, reading and tennis. She is a graduate of the Fashion Institute of Technology. She has a 4 year old son named Avery.

Richard Connors joins AIA as a professional affiliate with Gannett Fleming, Inc., an engineering firm. Connors has worked on the Bloomfield Bridge, the Allegheny County jail and McArdle Road. He was the former director of the Allegheny County Department of Engineering and Construction and worked with many architects in city and county government. The University of Pittsburgh graduate is engaged to be married.



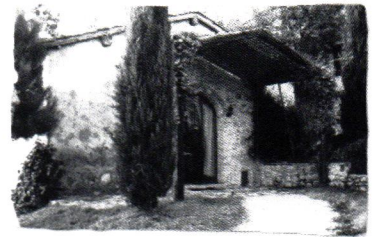
## NEW COLUMN FOR COLUMNS

We're getting ready to launch the new column that features a unique perspective on architectural issues—namely, yours. Think about it: 750 words, any issue of your choice. Call ahead to discuss if you'd like: 563-7173.

### Credit

In the January/February issue of Columns, the photographs of Ed Massery featured an interior of a private residence in Fox Chapel. The residence was designed by David D. Harlan Architects, LLC of New Haven, CT.

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# Carnegie Mellon University's MASTER PLAN

When Paul Tellers, AIA was in college (U. Detroit, '73), he lived in a typically boxy dorm, ate in a decent but rather drab cafeteria and hung out at the student center which was functional but mostly devoid of style. Even as a student of architecture, he, like most students back then, didn't expect much more in a campus setting.

Now, as university architect at Carnegie Mellon University, Tellers is at the forefront of a vastly different campus trend. Along with university planner Kevin Lamb, Tellers is coordinating an elaborate 20-year master plan to assure that the students who attend the select school have surroundings more worthy of them. The theory goes: To attract the best students, you have to offer a quality environ-

ment. And that's what the university is seeking with a 20-year master plan that includes numerous new buildings, new portals, better use of open space and connectivity, more defined campus entrances, and improved parking and transportation systems.

CMU is no different than most colleges across the country in competing to attract students. It's a "definite trend across the country," says Tellers and it's driven by a favorable economy and students who today are more aware of and expect more from their environment. Except for this: CMU attracts a different kind of student, one who averages 1400 on the SAT's and routinely maintains a 4.0 average. Or above. (It's someone like Tellers' daughter, Kate, class of '00 and Lamb's daughters Jahna '00, and Abbie '03.)





PHOTO COPYRIGHT ED MASERY

**Newell-Simon Hall provides high visibility for the school's top-rated computer science program and creates a pedestrian link between the Mall and the West Campus. WTW Architects.**

*Other challenges exist: namely, designing buildings that relate to the classic architecture already present on campus and buildings that in some cases need to break away more to reflect the advanced technology going on inside, says Tellers.*

Enticing that kind of sought-after student takes a bit more—well, of everything. And convincing the student's parents to fork over the \$25,000+ per year tuition payments might take a little more schmoozing too. Says Lamb: After academics, the single most important thing to parents and students is the look of the campus.

As it stands now, CMU has various looks. There's the original mall with its classical Beaux-Arts Henry Hornbostel buildings. There's the new and elegant Dennis Michael/UDA built University Center and Purnell Center (Dennis Michael/Damianos + Anthony/John Sergio Fisher) with the similar buff colored Flemish bond brick. And in between, there's a veritable "hodgepodge" of architecture, much of it unattractive, that they're now forced to work around: from the "flashcube" building to a blue metal panel dorm which they plan to reclad.

Few buildings will be razed according to the master plan. "We are very careful about not taking down buildings," says Vivian Loftness, AIA, head of the architecture school. "There's an assumption as a campus that we can afford to expand but not to replace," she adds.

As it stands now, the two huge quads—"the old Hornbostel and the new Dennis"—is how one reads the campus, says Adam Gross of Ayers/Saint/Gross, the university's current planning consultant. "Our plan is much more about gentle and incremental infill around those existing systems. We're not trying to create a new system."

### Campus Master Plan Summary

*Extend the principles of the core campus to:*

- Build out the campus over 20+ years
- Identify sites for buildings and facilities
- Increase the quality of campus open space and connectivity
- Define better campus entrances on Forbes and other portals
- Better utilize west campus and Morewood Lot
- Improve the character of Forbes Avenue
- Improve parking and transportation systems



*One costly item is the strong need for parking structures so they can delete the surface parking scattered throughout the campus. That landbank has great potential for buildings and much desired green space — the latter is high on the priority list.*

What's lacking, he says, is the smaller, more intimate spaces and the interconnections between them: a network of pathways and open spaces not only throughout the campus but continuing to connect to places such as Pitt, Junction Hollow and Oakland. This will draw on a unique advantage of the campus, he says; namely it's location adjacent to a major university and museum. CMU is looking to partner with the University of Pittsburgh in the development of Junction Hollow and hoping to improve nearby Craig St. which they believe has the potential to be a mini Harvard Square.

In creating the master plan, the Oakland Task Force and the Community Council of Craig St. were just two of many neighborhood and community groups involved. Tellers says that CMU embarked on "a very intensive eight month community outreach" that involved all stakeholders—from deans and department heads, faculty and students to groups such as the Department of City Planning.

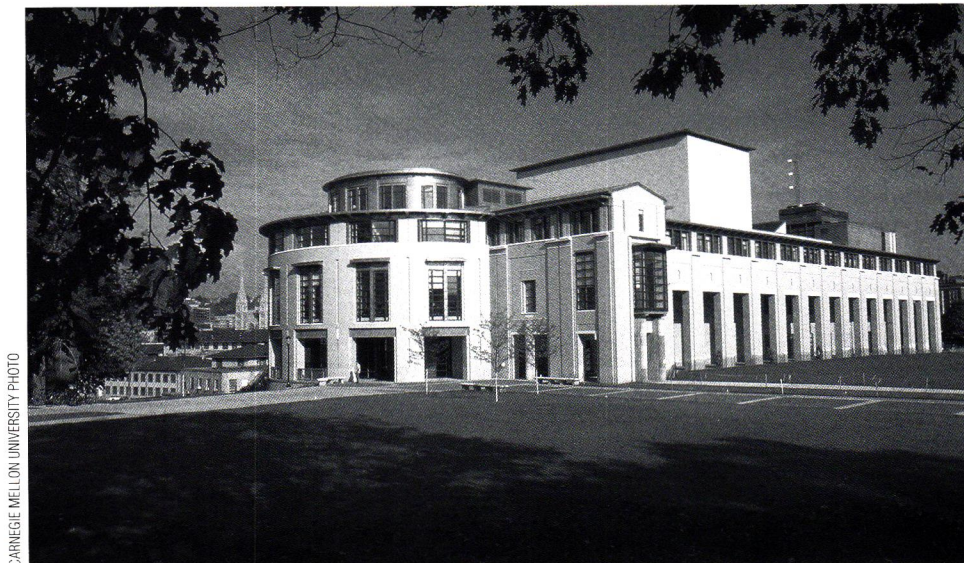
The goal? To add to the quality of and help shape the master plan and ultimately, to achieve consensus. Through numerous meetings, focus groups and surveys, and with the guidance of the 25-member Steering Committee, they were not only able to do just that—but they did it in record time.

"Yes, this is the way we usually work," says Gross whose firm has a passion for Hornbostel's work and who had expressed a great desire to work on CMU. Typically the planning process takes 18 months or so. CMU did it in eight months. "Due to a very crisp decision making lead by CFO committee co-chair Jeff Bolton they did it, while getting a lot of consensus and input along the way," says Gross.

Throughout the planning process, A/S/G captured all ideas for the master plan and drew them up with paper dolls, sticky-backed building blocks, laying out dozens of alternatives for the campus and generating much discussion: where could the housing go? Which buildings could come down? What density of buildings could replace them?

For the most part, the process was smooth. If there was one issue that was volatile, it was the fraternity housing area, says Loftness. One of the houses felt they should stay exactly where they were—highly visible on Forbes—precisely because of the visibility and the "manifestation of lively student activity."

Seeing students hang out there was a good point, others agreed, although that gave rise to the question: are they the only manifestation of student activity? And would the new building that's planned in the same location also be a hotbed of student activity?



CARNEGIE MELLON UNIVERSITY PHOTO

**The \$43 million dollar state of the art Purnell Center is a jewel in the crown of the university campus and a major step forward for the highly-regarded drama department. Architects: Michael Dennis/Damianos + Anthony/John Sergio Fisher.**



The frat (and some dorm) buildings are not architecturally exciting, says Loftness, nor compatible with the Hornbostel buildings. Yet if they continue to renovate the shells as they are doing with some of them, they will probably not be replaced.

The impetus for the master plan itself was the pent-up need for housing along with the concern that housing could take over key academic space, says Loftness.

Within the 110 acre campus, the century-old urban university is landlocked yet growing.

Student population, currently 8,514, will remain fairly constant. While some areas of the school are growing—the new Newell Simon Computer building is already bursting at the seams so another computer science building looks inevitable—other areas, nameless right now, might be cut back.

With all the pressing concerns, it was time to step back and take a look at the maximum buildout of the campus, says Lamb. That includes housing requirements, outdoor space, academic and research space requirements. On the heels of that, the aim is to improve the overall look and feel of the campus and make it a prettier and greener place, he adds. Some of the students are coming from some pretty nice high schools and the standard's been set, he notes. The expectations are simply higher these days.

As CMU has garnered a reputation for being a top-notch school over the years, expectations of the university are higher these days, too. The school has a reputation of lacking focus in its long-range building plans, some say (as evidenced by the building pre-1984) but the master plan will change that. "Of all the university building going on today, CMU's is among the best," says Adam Gross. With the exception of Princeton and Syracuse, "there are no better buildings being built in the last 20 years." He credits Tellers, who has been there 14 years, with the turnaround. Tellers, in turn, would be the first to say it was a team effort.

In some ways, CMU is on top of their game. Take the University Center, command central for student activities that was designed to enhance student life. Built by Michael Dennis and UDA Architects in 1996, the successful center

## The student master planning class

Here's a worthy idea: if the master plan is ultimately all about recruiting talented students, why not seek input from the talented students already enrolled?

As it turned out, the student input into the master plan was one of the most impressive things about it. "It gives you faith in the future of America," says planning consultant Adam Gross.

The students in the master plan class "engaged the community unlike we could," notes planner Kevin Lamb who, along with Tellers, coordinated the outreach.

Renee Habib, class of 2000, founded the Master Plan class with her friend, Margaret Tarampi. Vivian Loftness taught the class which was held in the Fall of '99 and continued through the Spring of 2000. Members still meet occasionally to support the master plan process as it continues.

The idea was to ensure student involvement in the decision making. During the year Habib also served on the Master Plan Steering Committee as a liaison between the class and the committee.

Their work included researching the history of master plans at CMU and developing an online survey which received 1000 responses, about 10 times more than expected, from students, faculty, staff and alumni. One question posed: should all future buildings be yellow brick? The response was split 50/50 between those who said "yes, that's one of the most wonderful and unique things about the campus" to "no, if I see one more yellow brick building, I'm going to die."

From that, Loftness says, they concluded that the Michael Dennis buildings were indeed a success but

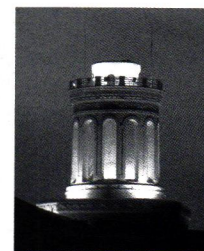
the next ones didn't have to look so much like a turn of the Century Hornbostel building.

Another question that garnered tremendous response was, not surprisingly, green spaces. The cry went out for open areas and vegetation, flowers, shrubs, trees.

The six-member class multiplied student input dramatically, says Loftness. Hundreds of students met at various workshops. In addition, they held focus groups to gauge reactions to the paper doll master plan ideas and they developed their own set of 32 recommendations. The intro reads: "Future buildings should be thin, in finger-plan or courtyard configurations, to ensure daylight and natural ventilation, as well as to frame quads. Buildings should be easier to see into and student life should spill out (less formal and closed facades)."

The class's focus was the overall plan as well as specific student interests such as the location for the annual Carnegie Mellon Spring carnival, improving and creating more green spaces, new housing, and an improved fraternity quad.

It was, by all accounts, a resounding success. "I found the whole Master Plan process to be a tremendous learning experience, probably the greatest I had at Carnegie Mellon," says Habib who found it very gratifying to see their recommendations included in the final product of the Steering Committee. "Working on this project reinforced my interests but it also showed the other members of the class how much all our disciplines, no matter how different, really do relate and can support each other if used wisely."







PHOTOS COPYRIGHT ED MASSERY



***Just as the structure unites the two buildings, the Perlis Atrium fosters interaction that unites various departments of CMU's Department of Computer Science. WTW Architects.***

works for a population of CMU's size, says Tellers, but it wouldn't work for a campus as large as, say, Penn State's. Likewise, the \$43 million dollar state of the art Purnell Center, with its theaters and stage design rooms, is a jewel in the crown of the university's campus and a major step forward for the highly-regarded drama department.

Yet the school that is advanced in so many areas is lagging behind in others: drive down Forbes Avenue and although you drive right through it, you can miss the campus altogether. There's no portal and little signage—just a major four lane road flanked by too-narrow sidewalks and too few trees. The physical barrier that Forbes poses makes for complex design challenge. A feasibility study will be conducted this summer to test the idea of omitting a traffic lane, and creating a middle turning lane and space for bus pull-offs. Also on the drawing board: widening sidewalks and designing new crosswalks.

(The other entrances to the campus—Frew St and Fifth at Morewood—are also addressed in the master plan.)

One day the drive down Forbes will look vastly different. Many of the new buildings will be built north of or along Forbes. Those with the commanding presence lining the street will be dazzlers, Tellers hints. One taking front and center (facing "the Cut", the greenspace fill of the quad on the other side of the street) will likely house student orientations and external visitors' activities. With its completion, it will greatly improve the view from the Cut and tie together the north and south campus.

Other challenges exist: namely, designing buildings that relate to the classic architecture already present on campus and buildings that in some cases need to break away more to reflect the advanced technology going on inside, says Tellers.



With each building in such specialized function, (they will be designated in time as deemed by need and priority; fundraising is critical too) highly specialized design teams will be named to do that particular job. Finding those architects/teams is yet another intensive process that involves various committees, an open submission policy and a great deal of time.

None of this deters Tellers who has an obvious passion for the place—"I think the buildings are wonderfully human," he says—and high hopes for the future of the master plan.

All this takes big bucks, of course, and although Carnegie Mellon is regarded as a wealthy school, Tellers insists they are prudent in their spending. "We agonize over every penny," he says. So the cost for the plan is not definite nor readily disclosed. It's based on a unit cost per building x the number of buildings with additional monies for green space, landscaping and such. The ballpark figure? If it was all built as planned, highly improbable, it would be in excess of several hundred million. ("It's squishy," as one person noted.)

One costly item is the strong need for parking structures so they can delete the surface parking scattered throughout the campus. That landbank has great potential for buildings and much desired green space—the latter is high on the priority list. Several parking structures are already on the docket, including plans for additional levels on the Forbes garage—the one with the elaborate façade that disguises its function. Other parking structures might get green roofs or be tucked in out of the way locations.

A traffic consultant has just been hired for the related problem in reducing the number of cars coming to and passing through the campus. The Transportation Task Force was part of the master plan and came up with some good recommendations to reduce the cars coming in. Suggestions include free bus passes, more bike-friendly surroundings, even concierge service to reduce the need for a car. (Drycleaning pickup anyone?)

Once again, the design solutions point to the desire to cater to the student in an effort to attract and keep top talent. Those working on the campus master plan can only wish this trend had been in full swing when they were back in school. Now at least they can reap the benefits.

### Examples from the student recommendations:

Create an "Inviting" Visitors Center/ Alumni House/Administration Building across Forbes on the end of the cut and include some visitor parking. This building could be 6-8 stories, if terraced, to house all of the central administration.

Take down the Navy Building (old student center) and create several quads around a new building to clarify west campus.

Take down Warner Hall. Add a building that will maximize use of the site, improve the "campus face" to Morewood. With this building, complete Purnell with something different that is more open to the campus.

Give UC more to the students, possibly by building a conference center on another site (to extricate corporate meeting activities in the UC) and/or by creating an addition to the UC in front of McConomy (unused grass area). As a result, the UC could have a front door on Forbes and student services could be increased to include the post office, copy center, police, career center, cluster/lounge, even a communal kitchen for off-campus students. Switch the location of Skibo with the Alumni lounge and link to outside seating.

All buildings should have undergraduate classroom space in primary circulation areas, and no buildings should be single discipline (eg. Baker feels open while Purnell feels hostile to outside students).

Improve link between main campus and Mellon/SEI with upperclass housing, spin-off companies, conferencing, hotel and retail focus. Consider relocation of academic components at Mellon to Morewood academic expansion.

All existing green spaces should remain as green spaces. Any new buildings as well building additions should provide green spaces equal to the footprints of the buildings that surround them. The pocket green spaces between building wings should not be filled in with buildings. Steep slopes should remain as green spaces per the Sasaki Plan.

Consider new landmarks for the campus in addition to the fence.

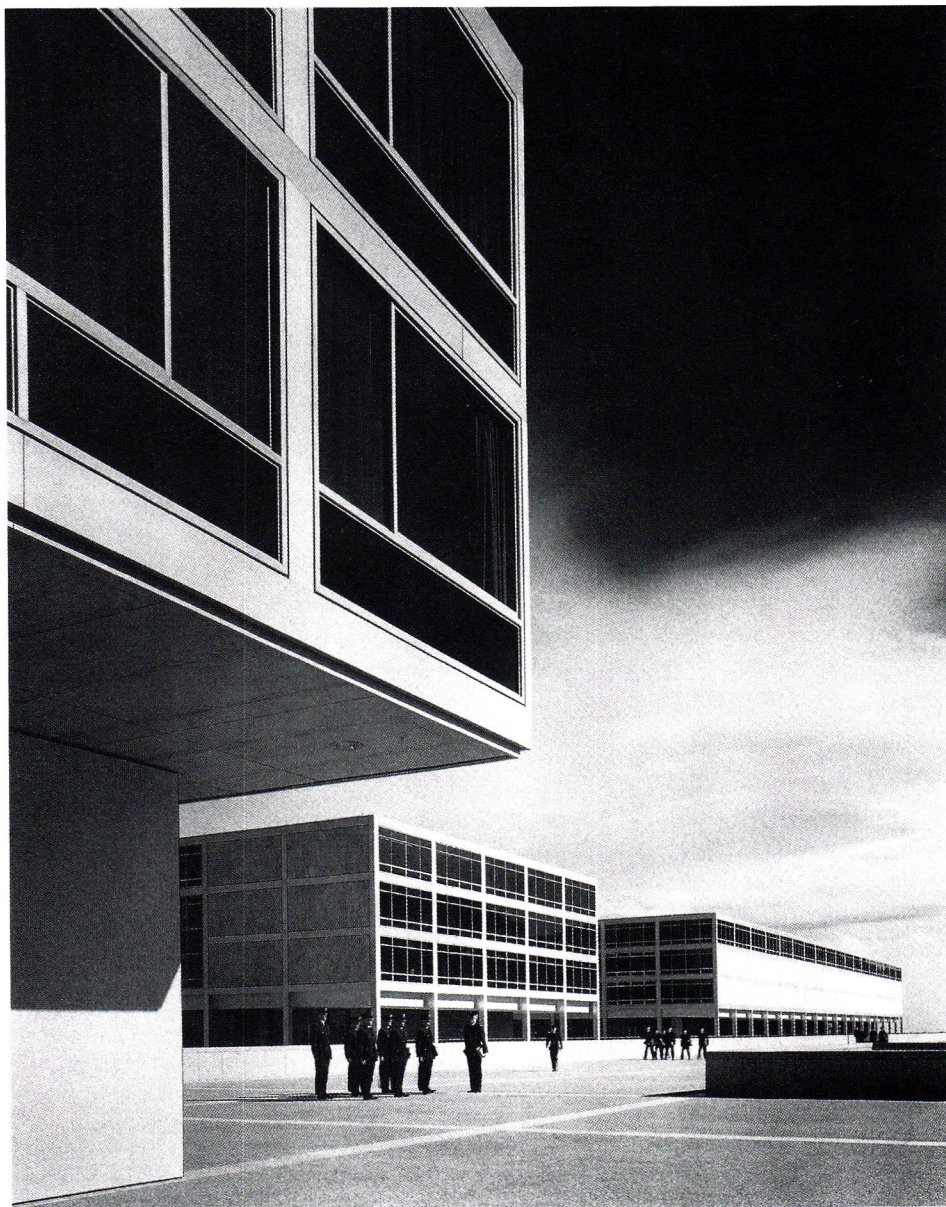
- Add a fountain! (In Peace Garden, on Forbes/Warner Hall site?)
- Add commissioned public art
- Add statues of the Andy's.
- Add outdoor notice boards and campus maps.
- Consider a clock/carillon/bell tower

Create continuous bike paths from adjacent neighborhoods and through campus to bike racks (see selected paths on campus plan).



# BUILDING IMAGES:

## SEVENTY YEARS OF PHOTOGRAPHY AT HEDRICH BLESSING



*Air Force Academy Colorado Springs, CO • Architect: Skidmore, Owings & Merrill • Bill Hedrich 1959*

*Essay by Tony Hiss, Chronicle Books LLC • Review by Robert J. Bailey, AIA*





***Chrysler Building, A Century of Progress International Exposition, Chicago, Illinois  
Architect: Holabird & Root • Ken Hedrich 1933***

*"...The result was a striking series of images that captured the dramatic quality of the "Depression Modern" pavilions, and established Hedrich Blessing as a firm with a bold new approach to architectural photography."*

While some architects may never have heard of the Chicago photography firm of Hedrich Blessing, they almost certainly have seen their photographs. A quick check of the photo credits in any architecture sourcebook is bound to contain at least one citation of this firm. Hedrich Blessing was founded in 1929 by Ken Hedrich<sup>1</sup>, the man who perhaps single-handedly revolutionized architectural photography, transforming it from a product to an art, and to whom the AIA awarded its Fine Arts Medal in 1959.

Numbered among HB's architectural clients are Frank Lloyd Wright beginning in the 1930s, Eliel Saarinen in the 1940s, Mies van der Rohe in the 1950s, and Skidmore, Owings & Merrill from the 1950s to the present. *Building Images: Seventy Years of Photography at Hedrich Blessing*, published in 2000 to coincide with the exhibition of the same name at the Chicago Historical Society (running through

July, 2001) contains the most representative images culled from the HB archives over the past 70 years.

This book has an interesting group of contributors. The introduction is by Timothy Samuelson, curator of architecture for the Chicago Historical Society. Not only is the Society currently staging the HB exhibition, but also it is the trustee of all HB images from 1929 to 1970 which were formally given to the Society by HB in 1991. Samuelson persuades us that the course of modern architecture, at least in Chicago, has been as much shaped by its architectural photographers as by its architects. A modern building is a challenge for a photographer because of the subtleties of light, space, and form, and Hedrich Blessing succeeded with the most well-known modernist firms. But Samuelson reminds us that HB's range and influence has gone far beyond its portrayal of modern architecture. He points out that the more than one hundred and fifty thou-

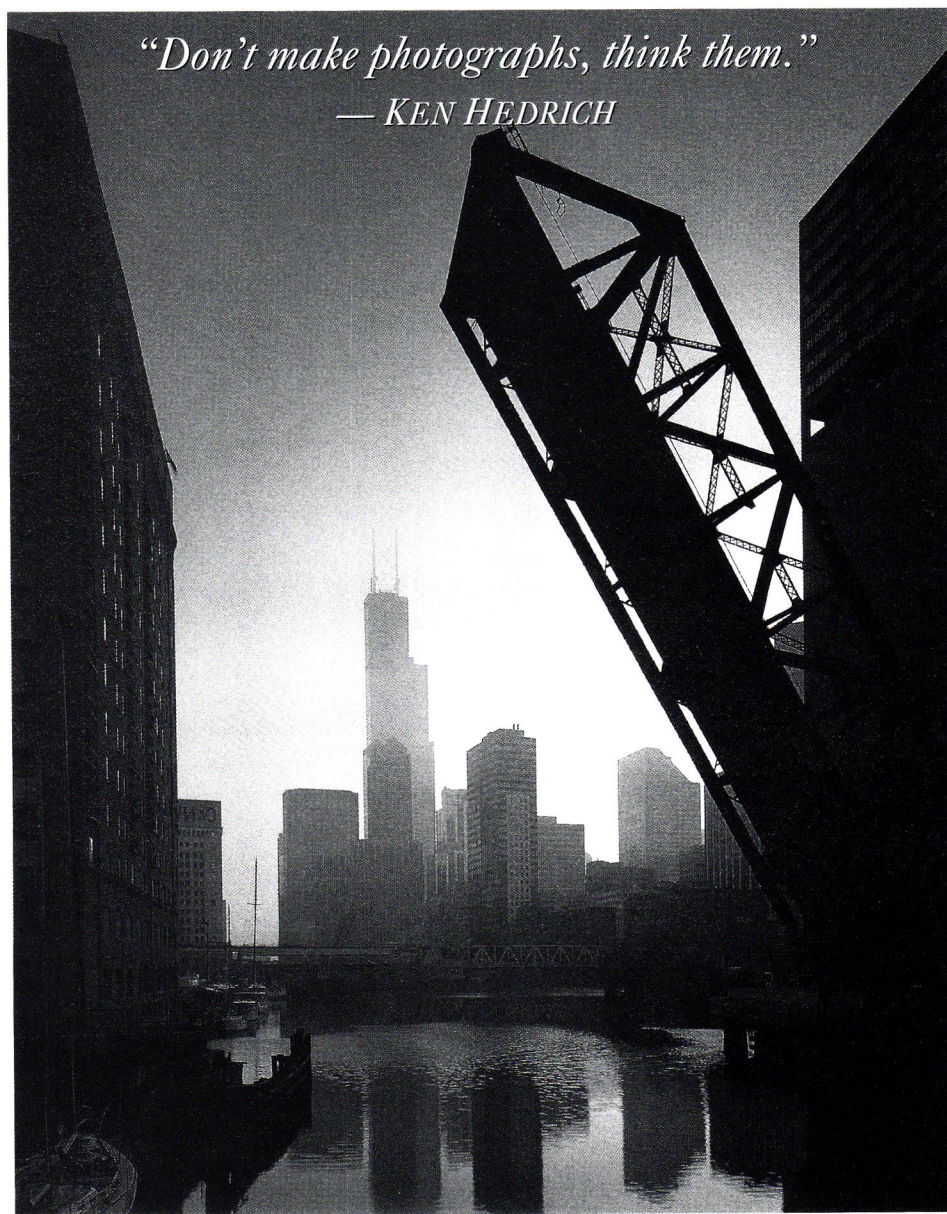


sand prints, negatives, and transparencies of which the CHS is now steward "document a wide range of styles and building types created by the famous as well as the obscure."

The essay by Tony Hiss, "Seventy Years on the Higher Plane," discusses the nature of photography and how photographs are perceived. Hiss, who is Alger Hiss' son, writes about what happens when we focus on a photo rather than merely glance at it. "Whenever we, as viewers, take the time to notice what's happening within ourselves as our eyes and minds roam across a photograph, in such a moment of private and quiet concentration we unerringly come into contact with the attention and focus of the mind that formed the photograph." Hiss asserts that Ken Hedrich not only understood this link but he went beyond it to make visible not only the mind of the photographer but also the mind of the architect whose building he was photographing. The photograph serves to relay the "design intent" according to Nick Merrick, or "the big idea" according to Jon Miller, an HB photographer since 1979. This was the genius of Ken Hedrich. The firm's technical mastery has served to enhance that genius.

The book was designed by Lowell Williams, principal of the Austin, TX office of Pentagram Design. Pentagram is a stalwart of the design world and Williams is described by HB photographer and senior partner Nick Merrick in the acknowledgements as "a long-standing client and friend of Hedrich Blessing." At 10-1/4 by 12 inches it is a large book, ideal for the coffee table, yet not cumbersome at 192 pages. The photograph on the cover is of the Everett Dirksen Federal Building in Chicago, shot by Bill Engdahl in 1964.

A wonderful feature is the photographer's comments on the images. They are extraordinarily insightful as they often bring to bear the thoughts of the photographer into our appreciation for the picture. Another pleasure is the occasional postage stamp-size image that appears among the notes. Included in these smaller pictures are two famous shots that every architect knows: The profile of Mies, deep in thought, holding a cigar to his mouth, by Bill Engdahl; and Wright in his studio, seated at a drafting board with his apprentices looking on attentively, by Ken Hedrich.



**Chicago River, North Branch • Scott McDonald, 1984**

Incredibly, in seventy years, Hedrich Blessing has had just nineteen photographers. Every HB photographer has completed an apprenticeship to two or more HB photographers who themselves learned the business as assistants. More than one hundred and fifty individual images are included, including ten that span two pages. Yet not all of the nineteen photographers are represented here; two individuals no longer with the firm have no images included. Also, the

four photographers hired since 1991 have just five images among them in this book. As for Henry Blessing? Hedrich's early business partner left the firm long ago to slip into the recesses of obscurity. Back then, following the depression, the firm lacked the funds to change the letterhead so the name remained.

Images that established Ken Hedrich's new approach to architectural photography are here, including a breathtak-





***Diana Court, Michigan Square Building, Chicago • Ken Hedrich, 1930***

ing picture of Chrysler's Building in the Century of Progress International Exposition from 1933. It is Hedrich's images from the Exposition that won him acclaim and served to put Hedrich Blessing on the map. Although Hedrich was not the official Exposition photographer, it was his photos that became the defining images of the event and served as a turning point in the history of architectural photography. It represented a turn from what might be termed "impartial documentary photography" to photos that are in-

fused with the photographer's very subjective attempt to convey the architect's intent.

Bill Hedrich, Ken's brother, whose fifty-seven years represent the longest tenure of any HB photographer, has sixteen images included. Inclusion of his 1937 photo of Fallingwater, shot from the middle of the stream, was no doubt imperative. This perspective is said to be Wright's favorite and is furthermore said to be the image from which

came the name "Fallingwater." More dramatic is a 1939 photo of the Palmolive Building in Chicago during a thunderstorm in which the exposure was made just by removing the lens cap.

Ken Hedrich's son Jim, an HB photographer since 1966, is represented by thirteen images, all of which are color. His photograph of the patio surrounding the pool at the Ritz-Carlton Hotel in Cancun, Mexico, is an essay in light and color at dusk and captures the elegance of a luxury tropical resort. Nick Merrick's 1987 photo of Johnson & Burgee's post-modernist 190 S. LaSalle St. Building in Chicago, juxtaposed against the modernist Sears Tower in the background, is simply an exceptional photograph.

Bob Harr, originally a Ken Hedrich assistant, pioneered photocomposition in which an architectural model is photographically placed on a proposed site (before computers enabled one to do such things). The firm supposedly began doing simple photomontages for Mies. In 1977 Harr began doing photo composites by means of emulsion stripping of two or more transparencies that rivaled reality. Included in this book is Harr's 1990 photo composite for 1st Bank Plaza in Minneapolis, MN, designed by Pei, Cobb, Freed & Partners. If you're not aware which building it is, you won't be able to pick it out of the half dozen tall buildings on the Minneapolis skyline.

This reviewer's favorite Hedrich Blessing photos were taken by Bob Shimer: His 1992 photo of a private residence in Connecticut, taken outside at dusk using tungsten film, is a sublime contrast of nature with the machine made. The photo focuses on a view into the high-tech bathroom through glass doors. The brightly lit glass and stainless steel surfaces are framed by the natural stone of the house's exterior, the stone patio, and the bare trees behind the house. The tungsten film rendered the dusk sky and the exterior stones the same eerie blue.

The groundbreaking techniques of Ken Hedrich changed the way architecture would be thereafter photographed. This book documents the course that Hedrich Blessing continues to lead. At the price of \$75.00, it's less than 50 cents an image for what is very possibly the most stunning array of architectural photographs ever offered in one book.



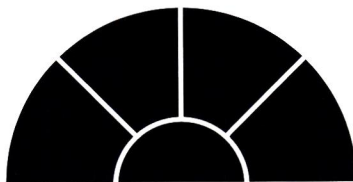
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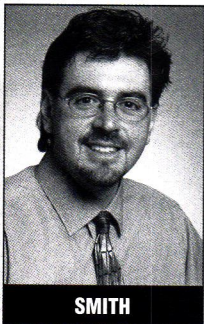
## From the Firms

► **Renaissance 3 Architects, P.C.** announced new promotions and additions to their staff: **Carla D. Worthington, AIA**, was promoted to Associate and Ron A. Kobelenske was promoted to CAD Systems Administrator. **Susan H. Gordon, Assoc. AIA**, and **Gina M. Vary, Assoc. AIA**, joined the firm as Intern Project Architects.

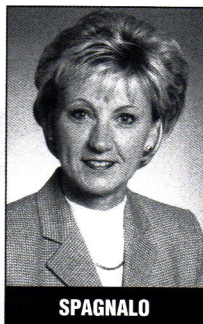
**Renaissance 3 Architects, P.C.** is working on a multi-phase renovation of student housing at Edinboro University of Pennsylvania. The firm was also awarded an open-ended architectural services agreement with Indiana University of Pennsylvania and is currently working on renovations to laboratory facilities at Carnegie Mellon University.

**DRS Architects, Inc.** announced that **Dick Allyn, AIA**, Mario diCorcia, and **David Roth, AIA** have recently joined the staff as project managers.

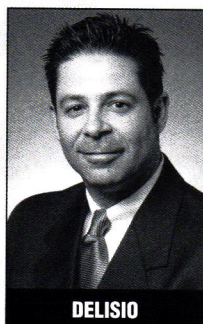
**The Design Alliance Architects** announced the addition of Vanessa Hattoum, Suzanne Kile and Carrie Cox as interior designers, Brad Smith as architectural engineer, Jason Decheck as architectural engineer in training, Betsy Spagnolo as facility program manager and Craig Kirby as intern architect. In addition, **Daniel J. Delisio, AIA**, a principal of the firm has been promoted as a shareholder.



SMITH



SPAGNALO



DELISIO

**LDA-L.D. Astorino Companies** promoted Richard A. Bui as president and principal of the Environmental Division and C. Lynn Fox as senior vice president and principal. The firm is renewing its focus on the environmental aspects of the design, renovation and management of structures and on hazardous materials abatement.

**JSA Architects** announced the hiring of two staff members: **Mike Pappas, Assoc. AIA**, as intern architect and **Dawn Cindric, AIA** as project architect.

**Chief & Environmental Consultants, Inc. (CEC)** announced the acquisition of the Export and Easton, Pennsylvania operations of Almes & Associates, Inc. CEC is headquartered in Pittsburgh with offices in Cincinnati, Columbus, Indianapolis and Nashville. It now has more than 200 on staff.



PICTURED FROM LEFT TO RIGHT: Luke Desmone, AIA, Desmone & Associates Architects; Basil Hawanchak, V.P. Levin Furniture; William Campbell, V.P., PNC Bank; John Malone, V.P. PNC Bank; Robert Levin, President Levin Furniture; Donald Ivill, President General Industries; Jim Ray, General Industries; Nathan Hart, AIA, Desmone & Associates.

**Desmone Associates** and General Industries are part of the design build team for Levin Furniture's new showroom in McMurray, PA, scheduled to open in May. The 75,000 square foot facility will be one of the largest furniture showrooms between New York and Chicago.

**Luke Desmone, AIA**, chief architect on the building, says the Levin building is green due to its energy conserving properties. That includes situating the building with the north and west elevations into the hillside and taking advantage of the solar energy gain of the glass exposed south and east elevations. Conversely, the building is protected in the summer by the shade of full deciduous trees.

**Celli Flynn Brennan, Inc. Architects and Planners** is the new name for the firm since **William P. Brennan, AIA**, joined as a principal. The company is celebrating their 50<sup>th</sup> anniversary in business. Brennan was previously employed as vice president at Penn State University.

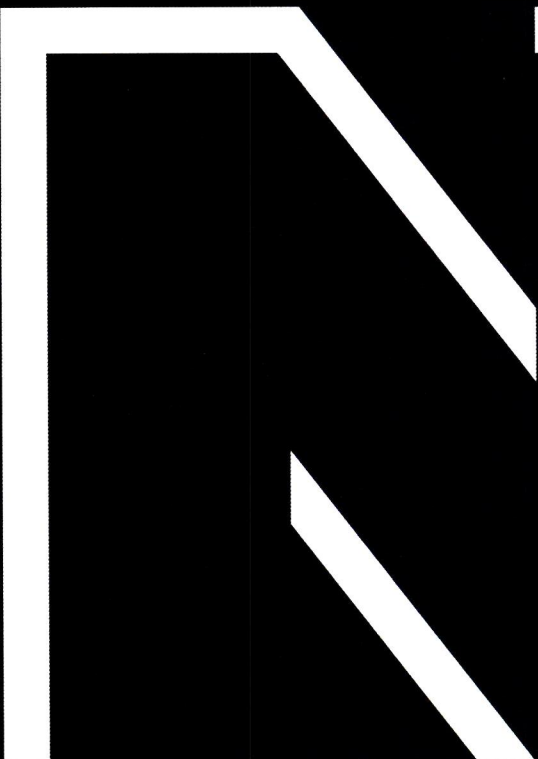
**Gardner + Pope Associates, LLC** announces a new firm name and address: 2325 East Carson St., Suite 100, Pittsburgh, PA 15203.

**Indovina Associates Architects, LLC** has been selected as the architect for a new 6100 square foot residence hall at the Kiski School in Saltsburg. The firm has also been honored by the Pittsburgh History and Landmarks Foundation with an Award of Merit for its work on the Congregation Beth Shalom Synagogue in Pittsburgh.

**MacLachlan Cornelius & Filoni Architects, Inc.** was recently honored by American School & University magazine for excellence in two designs: St. Lawrence University, Brewer Bookstore in Canton, NY and Wittenburg University, Hollenback Hall in Springfield, Ohio. Hundreds of submissions across the country were evaluated in the magazine's 18<sup>th</sup> annual competition.

(continued on page 19)





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(continued from page 17)

**Jessica Forsythe, AIA**, president of **4-Most Group Inc. Architects** of Butler, PA, announced the addition of **Richard Forsythe, AIA** to the firm. The firm has received WBE status from the state of Pennsylvania and Allegheny County.

**Weber Murphy Fox, Inc.** was selected as the architectural firm to perform a needs analysis and facility usage report for Bellevue's borough building and other facilities. In addition, Weber Murphy Fox, Inc. was selected as the architect for a new \$6 million municipal complex in Ross Township.

**The Design Alliance Architects** announced that David Bostak and Davie Chiu have joined the firm. Both previously served as intern architects.

Landau Building Company announced that it is the contractor for the following projects:

The Brandt School Road Associates' new four-story Franklin Park Corporate Center Building. **Indovina Associates** is the architect; Renovations at Mitsubishi Electric Power Products facility in Warrendale. **Burt Hill Kosar Rittelmann** is the architect; Addition and renovations at the Immaculate Conception Church in Irwin, **KSBA Architects**; the Level II expansion at the Weirton Medical Center; **Paul Slovik & Associates** are the architects.

Tasso Katselas Associates is the architect for the third floor renovations at the The University Of Pittsburgh's Falk Clinic.

**WTW Architects** is currently creating a new home and restoring the exterior of the historic building for the Sewickley Dermatological Associates.

## Business Briefs

→ **TEDCO Construction Corporation** recently promoted Ronal M. Druga, Jr. to vice president of finance.

**Repal Construction Co., Inc.** has been awarded contracts for construction of two Aldi grocery stores in Grove City, PA and Warren, OH. The architect is **OPN Architects** of Cedar Rapids, IA.

**Continental Building Systems** announced that **Traci McGavitt-Yates**, Professional Affiliate, has joined the Pittsburgh office as Business Development Director.

**Firschling, Marstiller, Rusbarsky and Wolf Engineering, Inc.** has been awarded a contract for mechanical and electrical engineering services for an expansion of Tier B at Dulles International Airport in D.C.



McGAVITT-YATES

**Jendoco Construction Company** was awarded the contract for the Science, Technology and Cultural Center at the Butler County Community College. **DRS Architects** is the architectural firm.

## Kudos

→ **Charlie Brueggebers, AIA** manager of Quad Three Group's State College office is pleased to announce that the firm is the recipient of an AIA Pennsylvania 2000 Merit Award for their design of the Wycallis Elementary School in Dallas, PA

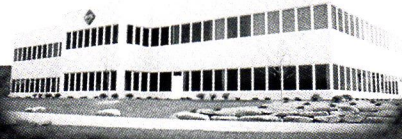
Jurors noted that "Natural materials that make it an exciting place you want to go to...very interesting details that relate to kids... a lot of daylight and passive solar, but not done in a sterile way...really addresses color in an interesting way for children."

**L.D. Astorino Companies** has been awarded a Facility of Merit 2000 by Athletic Business Magazine for Blair County Ballpark I Altoona. The 6,178 seat facility opened in April of 1999. Judges noted the ballpark's use of masonry-and-steel construction to create the image of an urban train station, evoking Altoona's history as a major railroad center while incorporating features of a traditional ballpark. "The result is an intimate, functionally successful ballpark with great sight lines," as reported in the December, 2000 issue of the magazine.

**Integrated Architectural Services Corporation** received a Citation Award at the recent AIA Pennsylvania Design Awards 2000 for the façade reconstruction of 813 Liberty Avenue. The jury commended the design for its fit into the historical streetscape, its integration of lighting and fixtures and the way the modern details bring forth the traditional elements of the façade.

**James P. Goldman, AIA** was the Sports Facility Consultant for the Natatorium at Cranbrook which will receive an Honor Award at the AIA convention in May, as announced in the January 2001 issue of AIArchitect. Goldman worked closely with the firm of Tod Williams Billie Tsien & Associates.





VEKA Inc., Zelienople, PA  
Architect: John D. Gailey, R.A.

(l-r) Richard Kacin,  
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## March 16, Friday

**Pennsylvania's Mechanics' Lien, Payment and Surety Bond Laws.** This seminar covers the nuts and bolts of Pennsylvania's Mechanics' Lien, Payment and Surety Bond Laws. Attendees will gain an understanding of each area of the law, when each applies and how each can be employed to protect payment rights.

### TOPICS INCLUDE:

- History and Background of Mechanics' Lien Law
- Waivers and Limitations on the Right to Lien
  - Payment issues Involving Private and Public Construction Projects
- The Pennsylvania Procurement Code

Holiday Inn South, 164 Fort Couch Road For information call Lorman at (715) 833-3959 6.5 L.U.'s

## March 20, Tuesday

### Government Contracts in Pennsylvania.

Public contracts, at both the federal and state levels, offer remarkable opportunities for the sale of equipment, supplies, services and construction work. To successfully compete for a government, it is important that an individual or company understand the bidding process and the bid protest procedures. After securing a public contact, it is also important that a contractor have a clear understanding of the process for submitting claims and resolving disputes.

Holiday Inn Greentree, 401 Holiday Drive. For information call Lorman at (715) 833-3959

## April 27, Friday

### Construction Claims in Pennsylvania:

The goal of this seminar is to provide all who work in the construction industry with the law and strategies to both recognize common issues giving rise to claims and to provide both parties the necessary forms and techniques.

This course provides you with information about the following:

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  - Mechanics Liens
- Delay Claims And Documentation
  - Quantifying Delay Claims
- Accounting Needed to Support Claims

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For information call Lorman at (715)-833-3959  
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## AIA ACTIVITIES

### March 2, Friday

**Communications Committee Meeting.** noon at the Chapter office, 471-9548.

### March 12, Monday

#### AIA Pittsburgh Board Meeting

5 p.m. at the Chapter office. All members are welcome, 471-9548.

### March 13, Tuesday

**Professional Development Committee Meeting** noon at the Chapter office, 471-9548.

### March 15, Thursday

**Legislative Committee Meeting.** noon at the Chapter office, Chuck Coltharp, AIA, 252-1500.

### March 28, Saturday

**AIA Pittsburgh's Foundation for Architecture.** Contact Ed Shriver, AIA, 263-3800

## MIDDLE CHAPTER

### March 15, Thursday

**AIA Dinner-Meeting Program.** Tour the PA Department of Environmental Protection's Ebensburg district office. This is DEP's second green building in their continuing effort to be more sensitive to the environment they are charged with protecting. The 34,500 sq. ft. building boasts the second largest photovoltaic array in Pennsylvania. Cost is \$20 for AIA members and \$25 for non-members. Contact Tim Hoffman or Tom Columbus, Jr., EADS Architects Inc. 814-445-2470.

AIA Pittsburgh is using e-mail to keep our members informed of the chapter's activities. If you would like to be included and are a member, please send your address to aiaphg@sgi.net.

## AROUND TOWN

### March 13, Tuesday

**CSI Meeting. Tour of PNC Park: the new home of the Pirates.** Meet at main construction entrance at 5:30 p.m. Dinner following the tour is tentatively set at James Street Tavern. \$20. Contact Deborah Merges at 724-375-2113 or dmerg@home.com with name and phone number by March 9 to confirm tour time since arrangements are tentative.

### March 14, Wednesday

**Society of Design Administrators.** Monthly meeting at the Engineer's Club. 11:30 a.m. - 1:30 pm. Lunch \$17 members \$19.50 non-members. Reservations call Cheryl Marlatt at 412-281-1337.

### March 20, Sunday

**Volkswagen Pedal Pittsburgh:** Community Design Center's spring bicycle ride, "Passport to Pittsburgh" \$20/rider; \$45/family. Contact Jennifer Fox at 412-232-3545 or www.pedalpittsburgh.org

### March 24, Saturday

#### Risk Management Plans Workshop.

This free workshop presents a unique opportunity for citizens and community leaders to learn how to better protect their communities from chemical disasters. Presented by Clean Air Council, Conservation Consultants and GASP. 10:30 AM to 2 PM CCI Center 64 South 14th Street. For information contact Roberto Ruiz at 412-392-0550 ext. 238 or e-mail at ruiz@cleanair.org

### March 28, Wednesday

**AIA MBA Committee Meeting.** Master Builders Association, 2270 Noblestown Rd. 6:00 p.m. 412-922-3912.

### April 6, Friday

**Energy-Efficient Lighting: Dispelling Myths - Avoiding Mistakes.** A seminar by the Illuminating Engineering Society. The speaker is John Feters, a nationally known speaker on this topic. Holiday Inn, Parkway East, 8 a.m. - 12 noon. Cost \$50 before March 28, \$75 after, and \$100 at the door. Reservations call Tom Farin at 412-269-0773 or e-mail TFarin@aol.com

### April 26 - 28

#### Spring Tour to Columbus, Indiana:

Sponsored by AIA Pittsburgh's Foundation for Architecture. Recognized internationally as a city of unique architectural character, this tour will visit many significant sites. Reservation deadline March 16. Call Joan Kubancek 412-471-9548 for information.

Please send your information to the attention of Joan Kubancek, AIA Pittsburgh, 211 Ninth Street, Pittsburgh, PA 15222, or fax it to Joan at 412/471-9501. The deadline for inclusion is normally six weeks prior to publication. If you would like information describing qualified continuing education programs, please call the AIA office at 412-471-9548.



# CONTRACTORS' DIRECTORY

A LISTING OF AREA CONTRACTORS AND THEIR PROFESSIONAL SERVICES. To include your firm in this directory, call AIA Pittsburgh at 412-471-9548.

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# Paul Tellers

*University Architect, Carnegie Mellon University*



*(Emailed sometime in January from a net café somewhere in Spain. We're guessing Barcelona.)*

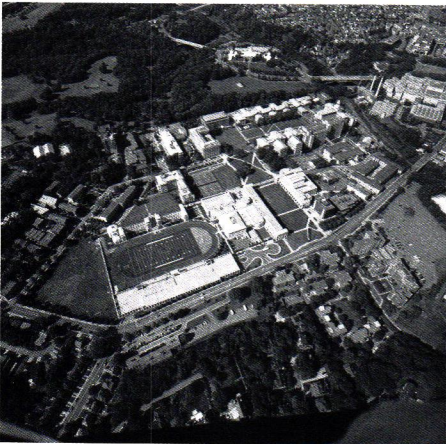
**FAMILY:** Father of Kate (22), *pictured left*, and Alice (17)

**EDUCATION:** B. Arch, University of Detroit, 1973

**FIRST JOB:** What else? Delivering newspapers.

**PROJECT I'M PROUDEST OF:** Capital House, Lilongwe, Malawi, Africa. It's safe to cite this one. None of you will ever see it.

**BUILDING I WISH I HAD DESIGNED:** Casa Milla, Barcelona



*Aerial view of Carnegie Mellon University*

**FAVORITE INTERIOR:** Palau Guell, Barcelona

**FAVORITE ARCHITECT:** Antonio Gaudi

**IF I COULD LIVE ANYWHERE IN THE WORLD:** Barcelona.

**FAVORITE ARCHITECTURAL BOOK:** The Clearing in the Distance, by Witold Rybczynski.

**IF I HADN'T BEEN AN ARCHITECT I WOULD HAVE BEEN:** A tennis bum.

**ANNOYING THING THAT ARCHITECTS DO:** Obsess over interviews.

**THE BEST PART OF MY JOB IS:** Working with some of the World's best architectural talent.

**SECRET TO MY SUCCESS:** Working with some of the World's best architectural talent.



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CONTACT: Anthony E. Molinaro, P.E.  
**Consulting / Electrical / Mechanical  
Telecommunications**

## ■ BARBER & HOFFMAN, INC.

101 E. Diamond Street, #116  
Butler, PA 16001-5943  
PHONE: (724) 282-8464 FAX: (724) 282-8461  
CONTACT: Michael R. Miller, P.E.  
E-MAIL: BHP@nauticom.net  
**Consulting / Structural**

## ■ BRACE ENGINEERING, INC.

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CONTACT: Frank C. Brace  
**Structural**

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## ■ CLAITMAN ENGINEERING ASSOC., INC.

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PHONE: 963-6700 FAX: 963-7217  
CONTACT: Robert Rosenthal  
**Consulting / HVAC / Plumbing / Fire  
Protection**

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Pittsburgh, PA 15222  
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CONTACT: Bob Conway  
**Consulting / Structural**

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Gregory L. Calabria, P.E.  
**Consulting / Mechanical**

## ■ DYNAMIC DESIGN ENGINEERING, INC.

416 Main Street, Suite 200  
Johnstown, PA 15901-1828  
PHONE: 814-536-1651 FAX: 814-536-5732  
CONTACT: Louis A. Guzzi, P.E.  
www.dynamic-engineering.com  
**Consulting / Electrical / Mechanical  
Telecommunications / Building Audits**

## ■ ELWOOD S. TOWER CORPORATION

115 Evergreen Heights Drive, Suite 400  
Pittsburgh, PA 15229  
PHONE: 412-931-8888 FAX: 412-939-2525  
CONTACT: Theodore H. Dannerth, P.E.  
**Consulting / Electrical / Mechanical  
Telecommunications**

## ■ ENGINEERING MECHANICS, INC.

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CONTACT: Daniel Grieco, Jr., P.E.  
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Consulting / Environmental  
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## ■ FIRSCHING, MARSTILLER, RUSBARKY AND WOLF ENGINEERING, INC.

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PHONE: 271-5090 FAX: 271-5193  
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Ted Marstiller, P.E.  
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## ■ FOREMAN ARCHITECTS ENGINEERS, INC.

P.O. Box 189, Zelienople, PA 16063  
PHONE: 724-452-9690 FAX: 724-452-0136  
CONTACT: David E. Foreman, P.E.  
**Civil / Consulting / Electrical / Mechanical  
Structural**

## ■ GAI CONSULTANTS, INC.

570 Beatty Road, Monroeville, PA 15146  
PHONE: 412-856-9220 FAX: 412-372-2161  
CONTACT: Anthony F. Morrocco, PE/PLS  
**Testing & Inspection / Civil / Construction  
Monitoring / Consulting / Environmental /  
Geotechnical / Structural / Transportation /  
Archaeological**

## ■ THE GATEWAY ENGINEERS, INC.

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PHONE: 921-4030 FAX: 921-9960  
CONTACT: Rose Griffin  
**Civil / Testing & Inspection / Consulting  
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## ■ GIPSON ENGINEERING

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## ■ THE KACHELE GROUP

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PHONE: 412-369-9020 FAX: 412-369-9021  
CONTACT: Tony Moscollic  
**Structural**

## ■ L. ROBERT KIMBALL & ASSOCIATES

415 Moon Clinton Road  
Moon Township, PA 15108  
PHONE: 262-5400 FAX: 262-3036  
CONTACT: Thomas L. Blank, CIH, CSP  
Joseph F. Moon, PE  
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Site Assessments / Indoor Air Quality  
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Structural / Telecommunications  
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CONTACT: James B. Fath, P.E.  
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## ■ MURRAY ASSOCIATES, INC.

413 Penn Avenue, Turtle Creek, PA 15085  
PHONE: 412-823-2020 FAX: 412-824-7302  
CONTACT: Jack G. Murray, P.E.  
**Structural / Civil / Geotechnical  
Environmental / Testing & Inspection  
Construction / Consulting**

## ■ POLYTECH, INC.

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CONTACT: Michael C. Moore  
**Civil / Consulting / Electrical  
Mechanical / Structural / Transportation  
Construction Management**

## ■ SAI CONSULTING ENGINEERS, INC.

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CONTACT: Walter S. Krasneski, Jr.  
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## ■ TRANS ASSOCIATES ENGINEERING CONSULTANTS, INC.

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921 Ridge Avenue, Pittsburgh, PA 15212-6093  
PHONE: 412-231-7700 FAX: 412-231-7709  
CONTACT: Clem Sutton  
info@flhaus.com  
plot@flhaus.com  
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700 Vista Park Drive & 400 Hightower Boulevard  
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www.washingtonreprographic.com.  
CONTACT: John J. Dziak  
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CONTACT: Jody Bunting  
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E-MAIL: wk@kolano.com  
CONTACT: William Kolano  
www.kolano.com  
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## Upcoming Issues

WE WELCOME YOUR IDEAS AND SUGGESTIONS AS WE EXPLORE THE FOLLOWING TOPICS IN 2001:

### April

Green Buildings: What's driving the trend/who's doing what locally

### May

Campus Architecture: The challenges and trends; Pitt's master plan, W&J, Remaking Penn State, others

### June

Designing for Children: current trends in architecture for schools and preschools and daycare

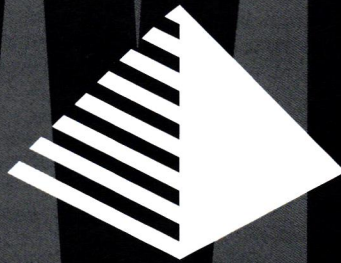
### July/August

Selling Pittsburgh: Good design matters

To contribute to an issue or to submit a story idea, please contact the editor at 412/563-7173 or email tcerto@adelphia.net.



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