

FROM PCI HEADQUARTERS

Appel hired as controller



Jeff Appel

Jeff Appel has been hired to serve as PCI's controller. He will be responsible for accounting and financial reporting, including budgeting and operating department support; payroll; and daily accounting issues.

Appel was previously accounting manager at Bounty SCA Worldwide, where he worked for 18 years, 8 years of which were in a management role.

Appel received his BS in accounting from DePaul University in 1993.

Krohn becomes Building Security Certified Professional



Jason Krohn

Jason Krohn, PCI's technical activities director, took the final steps to become a Building Security Certified Professional (BSCP). Krohn applied for certification and passed the computerized examination required to become a BSCP in January 2008.

The certification is bestowed by the Building Security Council (BSC), a not-for-profit organization created in November 2005 to establish "a rating system and personnel certification program that enables building owners to evaluate and improve the security of their facilities." Funding for the BSC was initiated by the American Society of Civil Engineers.

Lorenz promoted to managing director of editorial and publishing



Emily Lorenz

Emily Lorenz, *PCI Journal* editor-in-chief, was promoted to managing director of PCI's editorial and publishing departments.

In this position, Lorenz will be responsible for achieving the most effective collection, organization, and dissemination of PCI's technical intellectual property through all available channels and for directly managing the business of PCI's technical information publication through both print and electronic channels. She will also coordinate with the editors of *Ascent* and *Aspire* in their editorial planning.

Lorenz continues to serve as editor-in-chief of *PCI Journal*.

ENGINEERING STUDENT DESIGN COMPETITION: BIG BEAM CONTEST CALL FOR ENTRIES

The PCI Student Education Committee (Pat Hynes, chair) invites entries from engineering students to participate in PCI's 2008 Engineering Design Competition. With the help of local PCI Producer Members, students will construct and test precast, prestressed concrete beams.

The awards program, sponsored by Sika Corp., will include cash prizes for the most efficient design, highest load capacity, best report, and other categories, including concrete mixture design and a national competition in the open division. The official application deadline has passed, but entries will still be accepted as long as the final reports are submitted to PCI by June 15, 2008. PCI Producer Members are urged to encourage their local engineering schools to participate in this program. For information on official rules and application forms, go to the Education section of www.pci.org or contact PCI's research & development director Paul Johal at (312) 360-3213 or pjohal@pci.org.

Diaphragm shake-table tests planned for May

A major research program is being carried out by a consortium of the University of Arizona in Tucson, Ariz.; Lehigh University in Bethlehem, Pa.; and the University of California at San Diego (UCSD) to develop an industry-endorsed recommended practice for the design and construction of diaphragms comprising precast/prestressed concrete components.

A shake-table testing program was developed at UCSD, and plans have been made to use the new shake-table facility at the NEES/Englekirk Structural Engineering Center on a half-scale physical model. All of the structural components required for the shake-table test specimen have been manufactured, the test structure has been erected, and the instrumentation is in progress.

The test is scheduled to start in late April and is expected to be completed by the end of May. A special PCI/DSDM (diaphragm seismic design methodology) day is scheduled for May 7, 2008, in San Diego to demonstrate the testing in progress to a large group of invitees.

The project is being carried out under the supervision of PCI's Research & Development Committee (Doug Sutton, chair). A special advisory committee chaired by Tom D'Arcy has been working closely with the researchers. Committee meetings have been conducted on a regular basis to review progress and plan future activities. For more information, contact PCI's research & development director Paul Johal at (312) 360-3213 or pjohal@pci.org.

Grigonis new art direction, production manager



Paul Grigonis

Paul Grigonis has been promoted to manager of art direction and production at PCI.

Grigonis will be responsible for supervising the art and production team, overseeing all print contracting for PCI, and setting the creative direction and visual branding statements of all PCI print and electronic publications, educational and promotional materials, national advertising, and the PCI website.

PCI partners with industry groups on sustainability

PCI is working side by side with an array of industry players—including producers, associates, engineers, architects, and academics—to develop real-world concepts and techniques related to sustainable design for concrete. The results of the industry's efforts will be published later this year in *Concrete Sustainability Vision*, which is being championed by the Strategic Development Council (SDC) in cooperation with the American Concrete Institute (ACI).

"Truly sustainable building requires, among other things, holistic and integrated design practices," says Jim Toscas, PCI president. "Achieving this will require an unprecedented level of collaboration among the various involved disciplines and industries, which have evolved, for the most part, on separate tracks. PCI intends to assume a leadership role in establishing a forum to develop this collaboration," he asserts.

The *Concrete Sustainability Vision* document is being created as part of the Concrete Sustainability Road Mapping Workshops.

The process for creating the vision document is groundbreaking, bringing together a broad-based range of talent from the industry, says Emily Lorenz, *PCI Journal* editor and staff liaison for the group. Lorenz also serves on the American Society of Civil Engineers/Structural Engineering Institute Sustainability Committee.

For additional information on PCI's sustainability efforts, visit www.pci.org/resources/sustainability, or contact Lorenz at elorenz@pci.org.

Wyrick hired as technical editor



Carrie Wyrick

To help with PCI's increasing publishing responsibilities, PCI added Carrie Wyrick to its staff as a technical editor in February 2008. Wyrick worked as a consultant in the same position for the six months prior.

As technical editor, Wyrick edits manuals published by PCI and *PCI Journal's* peer-reviewed, technical, and feature articles to ensure their technical accuracy and editorial clarity. She was most recently a lieutenant and served as a Civil Engineer Corps officer in the U.S. Navy for seven years. She has a BS in Civil Engineering from the University of Cincinnati.

Sustainability webpage goes live



PCI recently developed a new resource for precasters who want more information on how they can put sustainable principles into action in their own plants and products. A new sustainability webpage is available on the PCI website at www.pci.org/resources/sustainability for the latest information on the group's philosophy of sustainability.

"This new area of the website is the perfect spot for PCI to educate both our internal and external customers, and the general public, on precast's sustainability attributes," says Jim Lewis, who chairs the PCI Sustainability Committee and is the director of architectural systems for Gate Precast Co., based in Jacksonville, Fla. "Here, we can continue to raise awareness and understanding and educate other associates and our producers."

The new section includes frequently asked questions, information on how you can get involved in sustainability at PCI, updates on PCI's efforts in the arena of sustainability, and information on educational opportunities.

Cleveland added as publications copyeditor



Rory Cleveland

PCI recently hired Rory Cleveland as publications copyeditor for the organization's print and electronic material.

As publications copyeditor, Cleveland works as part of the design and production team, editing PCI-generated content for grammar and style.

His previous editorial experience includes freelance copyediting and proofreading.

Cleveland has a BA in English from the University of Illinois at Urbana-Champaign and completed an additional major in rhetoric. In addition, he participated in the University of Chicago's Editing Certificate Program.

Ulrich to manage PCI manual production



Keith Ulrich

Keith Ulrich was recently promoted to managing editor of non-periodicals at PCI.

In this new position, Ulrich will be responsible for meeting schedules and budgets for PCI's non-periodical publications and for consistent implementation of PCI's editorial style guidelines. He will also support the art and production team with copyediting and proofreading.

PCI promotes young member initiatives

PCI is promoting young engineer involvement in precast concrete with a free associate professional membership for the first year after college graduation.

The membership includes subscriptions to *PCI Journal* and *Ascent*, a 50% discount on all technical publications, and invitations to technical seminars, workshops, PCI's annual convention, and conferences.

For more information or an application, visit www.pci.org/about/join.

PCMA Texas signs agreement with PCI

PCI recently signed an affiliation agreement with the Precast Concrete Manufacturers' Association (PCMA) of Texas, making it PCI's eighth partner, in addition to three chapters. This region has traditionally focused on the bridge market, and PCMA is poised to develop the commercial market as well.

Burgess promoted to managing editor



Michelle Burgess

After two years as associate editor of *PCI Journal*, Michelle Burgess will take over duties as managing editor of the magazine.

Burgess is responsible for organizing and scheduling the resources and information necessary to publish the *PCI Journal*

on schedule and in accordance with applicable content and style guidelines, in addition to writing department content and editing all *PCI Journal* text.

PCI Foundation commits to CIM program

The PCI Foundation has made a five-year commitment to the Concrete Industry Management (CIM) Program.

The CIM Program is a joint initiative between academic institutions and leaders from the concrete industry. It is designed to provide a curriculum that prepares today's students to become the concrete-industry leaders of tomorrow. Its stated purpose is to produce broadly educated graduates grounded in basic construction management who are knowledgeable of concrete technology and techniques and able to manage people and systems to promote products or services related to the concrete industry.

"This mission fits perfectly with the goals of the PCI Foundation," says foundation chair Thomas J. D'Arcy, "to cultivate productive relationships between the industry and the academic community and to develop and attract high-potential students to productive careers within our industry."

The CIM curriculum includes general-studies requirements, business and engineering classes, construction-management coursework, and concrete-industry-related courses.

Originally founded at Middle Tennessee State University in 1996, the CIM Program has since expanded to Arizona State University, the New Jersey Institute of Technology, and California State University at Chico. To date, more than 200 people have graduated from the program.

Committee completes 2008 construction market forecast

The 2008 Construction Market Forecast, put together by the PCI Metrics Committee, will be developed into a midyear release of the PCI 2008 Market Share Analysis.

Ken Kruse, director of Industry Development at BASF Construction Chemicals, presented the findings at several PCI Zone Meetings. The full report will be available as a members-only supplement in *PCI Journal*.

Logan receives Korn award



Don Logan

PCI has named Donald R. Logan a winner of the 2007 Martin P. Korn Award for his article "L-Spandrels: Can Torsional Distress Be Induced by Eccentric Vertical Loading?" which appeared in the March–April 2007 issue of *PCI Journal*.

The article presented the behavioral concept, validated by subsequent testing to failure of four full-sized test specimens, that reduces the complexity of the structural design of L-spandrels and results in simplification of their reinforcement and detailing. Logan's article postulated the L-spandrel failure mode and illustrated the potential material and labor savings, along with the increased productivity of long-line prestressing facilities, for the production of L-spandrels. The full-sized test specimens used the proposed reduced reinforcement and detailing and their tests to failure verified the postulated failure mode and the successful performance of the reduced reinforcement, even at the high overloads attained in the tests.

The Martin P. Korn Award, named in honor of PCI's first executive director, recognizes the paper that offers the greatest contribution to the advancement of precast and prestressed concrete in the area of design and research.

Charles Pankow Foundation, PCI fund hybrid-shear-wall research

The Charles Pankow Foundation and PCI are funding a new research project on hybrid precast concrete shear-wall systems, which combine mild-steel reinforcement with high-strength post-tensioning steel to resist lateral forces across horizontal joints.

The objective of the project, which began in January 2008 at the University of Notre Dame in Notre Dame, Ind., is to provide the required experimental, analytical, and design validation for the classification of hybrid precast concrete wall systems as special reinforced concrete shear walls based on *Building Code Requirements for Structural Concrete (ACI 318-08)* and *Commentary (ACI 318R-08)* and ACI ITG T5.1.

Principal investigator Yahya C. (Gino) Kurama, associate professor of civil engineering and geological sciences at Notre Dame, says that the overall project vision is to develop an innovative building system that is economical to construct and can survive a large earthquake with little damage, proving superior to conventional reinforced concrete shear-wall systems in speed, cost, and durability. The key deliverables from the project will be the code validation of the new system and a design-procedure document that can be used by practicing engineers and precast concrete producers in seismic regions.

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PCI Calendar

Events

For the most current information on PCI events, visit www.pci.org/events.

Designing with Architectural Precast Concrete	May 1, 2008
Hyatt Regency, Philadelphia, Pa.	
Zone 5 Meeting	May 13–14, 2008
Renaissance Boston Waterfront, Boston, Mass.	
Designing with Architectural Precast Concrete	May 20, 2008
Egan Community Center, Eagan, Minn.	
PCI-IW Board of Directors Meeting	May 21, 2008
Prairie Grove, Ill.	
Designing with Architectural Precast Concrete	May 22, 2008
Hotel Fort Des Moines, Des Moines, Iowa	
2008 Summer Conference	June 5–9, 2008
The Mills House Hotel, Charleston, S.C.	
Designing with Architectural Precast Concrete	June 10, 2008
Bethesda Marriott, Bethesda, Md.	
Basic Prestressed Concrete Design Seminar	June 10, 2008
Tufts University, Medford, Mass.	
Georgia/Carolinas PCI Annual Meeting	June 12–14, 2008
Sea Pines Resort, Hilton Head Island, S.C.	
Leadership PCI Training	June 19–20, 2008
Kansas City, Mo.	
PCI Design Awards Judging	June 20, 2008
Courtyard by Marriott Magnificent Mile, Chicago, Ill.	
PCI Professional Sales Boot Camp	June 25–26, 2008
BASF Construction Chemicals LLC, Houston, Tex.	
Designing with Architectural Precast Concrete	June 26, 2008
Hilton Columbia Center, Columbia, S.C.	
PCI-IW Board of Directors Meeting	July 30, 2008
Lake Geneva, Wis.	
PCI Professional Sales Bootcamp	August 27–28, 2008
BASF Construction Chemicals LLC, Linthicum, Md.	
PCI-IW Board of Directors Meeting	September 24, 2008
Prairie Grove, Ill.	
PCI Annual Convention & Exhibition and National Bridge Conference	October 4–7, 2008
Rosen Shingle Creek, Orlando, Fla.	

Events

Designing with Architectural Precast Concrete	October 28, 2008
Hilton-Antlers Hotel, Colorado Springs, Colo.	
Designing with Architectural Precast Concrete	October 30, 2008
Renaissance Denver Hotel, Denver, Colo.	
PCI-IW Board of Directors Meeting	December 3, 2008
Prairie Grove, Ill.	
PCI Annual Convention & Exhibition and National Bridge Conference	September 12–15, 2009
Marriott Rivercenter Hotel and Henry B. Gonzalez Convention Center, San Antonio, Tex.	
Third International <i>fib</i> Congress and PCI Annual Convention & Exhibition and National Bridge Conference	May 29–June 2, 2010
Gaylord National Resort and Convention Center, Washington, D.C.	

PCI Personnel Training and Certification Schools

For information on PCI Personnel Training and Certification Schools, contact PCI quality programs manager Jessica Burnett at (312) 583-6774 or jburnett@pci.org. Registration forms are available at www.pci.org/markets/certifications/schools.cfm.

Certified Field Auditor (CFA)			
May 5–7, 2008 Nashville, Tenn.	August 4–6, 2008 Nashville, Tenn.	November 3–5, 2008 Nashville, Tenn.	
Certified Company Auditor (CCA)			
May 8, 2008 Nashville, Tenn.			
Level I Quality Control & Assurance			
May 5–6, 2008 Nashville, Tenn.	August 4–5, 2008 Nashville, Tenn.	November 3–4, 2008 Nashville, Tenn.	
Level II Quality Control & Assurance			
May 6–7, 2008 Nashville, Tenn.	August 5–6, 2008 Nashville, Tenn.	November 4–5, 2008 Nashville, Tenn.	
Level III Quality Control & Assurance			
May 7–10, 2008 Nashville, Tenn.		November 5–8, 2008 Nashville, Tenn.	