

Blast design research project awarded

The PCI Research and Development (R&D) Council awarded a contract to Baker Engineering and Risk Consultants to conduct a research project investigating the performance of load-bearing precast concrete wall panels subject to blast. The goals are to develop design guidelines and response limits that can be used to update current requirements in Department of Defense Unified Facilities Criteria and Protective Design Center technical documents. Project completion is anticipated by the end of 2015.

PCI is collaborating with the American Concrete Institute (ACI) Strategic Development Council (SDC) on two topics of interest to the precast concrete industry. The first subject is concrete wind turbine towers. A proposal was made to ACI's Technical Activities Committee (TAC) to form an Innovation Task Group (ITG) for the purpose of developing a design guide for concrete towers. ACI TAC approved the request, and ITG-9 has been formed. In addition, the SDC has identified alternative binders for concrete as an industry-critical technology. Future work for PCI R&D includes consideration of exploring binders other than portland cement for the precast concrete industry. ACI TAC also approved ITG-10 for this work, and PCI will collaborate in this effort.

The R&D Council is always looking for ideas on research needs where focused work can advance the technology of the industry. Ideas are welcome and should be submitted to Roger Becker at rbecker@pci.org. When a potential topic is identified, an advisory committee is formed to define the knowledge gaps, develop a research strategy, and prepare a research project statement. Several topics are under development, and feedback is always encouraged.

TM-101 update released

PCI has released an update to *Quality Control Technician/Inspector Level I & II Training Manual* TM-101. Any examinee who will sit for a PCI Level I or Level II examination on or after September 1, 2013, will be tested on the information contained in the new edition. Major changes in this edition include clarification of current terminology and the addition of more in-depth information on self-consolidating concrete. The chapter headings in the fourth edition of TM-101 will also align with the chapter headings in the quality control manuals *Quality Control for Plants and Production of Structural Precast Concrete Products* MNL-116 and *Quality Control for Plants and Production of Architectural Precast Concrete Products* MNL-117. If you have any questions about this update, contact Alex Morales at amorales@pci.org.

2013 *PCI Journal* awards announced

Each year, PCI bestows four awards on authors of outstanding papers published in *PCI Journal* during the previous 12 months. The award-winning papers are selected by the Journal Awards Committee, which is chaired by Paul C. Breeze.

The awards will be presented during the 2013 PCI Annual Convention and National Bridge Conference in Grapevine, Tex.

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. "Residual Strength Assessment and Destructive Testing of Decommissioned Concrete Bridge Beams with Corroded Pretensioned Reinforcement" by Rhys A. Rogers, Liam Wotherspoon, Allan Scott, and Jason M. Ingham received this award. The paper appeared in the Summer 2012 issue.

The Robert J. Lyman Award, named in honor of PCI's third president, recognizes the paper that offers the greatest contribution in the area of plant production, site erection, or general construction using precast and prestressed concrete. "Modena Viaducts for Milan–Naples High-Speed Railway in Italy" by Marco Rosignoli received this award. This paper appeared in the Fall 2012 issue.

Established in 1981 as the State-of-the-Art Award, the Charles C. Zollman Award was renamed in honor of PCI's first Technical Activities Committee chair. It recognizes meritorious papers that advance the general understanding and knowledge of precast, prestressed concrete by bringing together all available knowledge of a specific topic into a single report. "Accelerated Bridge Construction in Washington State: From Research to Practice" by Bijan Khaleghi, Eric Schultz, Stephen Seguirant, Lee Marsh, Olafur Haraldsson, Marc Eberhard, and John Stanton received this award. This paper appeared in the Fall 2012 issue.

The George D. Nasser award, named for a former editor-in-chief of *PCI Journal*, recognizes a paper published in the journal that is most worthy of special commendation for its merit on the design, research, production, or construction of precast/prestressed concrete structures by authors who are 40 years of age or younger. Pinar Okumus receives the George D. Nasser Award for her paper, "Evaluation of Crack Control Methods for End Zone Cracking in Prestressed Concrete Bridge Girders," which appeared in the Spring 2013 issue of *PCI Journal*. Michael G. Oliva was the coauthor of this paper.

All of the papers are available at <http://www.pci.org/publications/journal/>.



Rhys A. Rogers



Liam Wotherspoon



Allan Scott



Jason M. Ingham



Marco Rosignoli



Bijan Khaleghi



Eric Schultz



Stephen Seguirant



Lee Marsh



Olafur Haraldsson



Marc Eberhard



John Stanton



Pinar Okumus



Michael G. Oliva

PCI announces 2013 winners of Big Beam competition

The Student Education Judging Committee recently selected the winners of the Engineering Student Design Award, also known as the Big Beam Contest. First-place winners from each of the six PCI zones, along with the international entries, considered as zone 7, competed for the overall championship.

PCI's Student Education Committee (Richard Miller, chair) organizes the Big Beam Contest, sponsored by Sika Corp. The objective is for teams of students to fabricate and test a precast, prestressed concrete beam with the help of local PCI Producer Members. Prizes are awarded to the top three in each zone in consideration of efficient design, highest load capacity, and other categories.

The first-place winner in each zone enters the national competition.

National Competition

First place	Lehigh University (Team 2); Lehigh, Pa. (Zone 5)
Faculty advisor	Clay J. Naito
PCI producer	Northeast Prestressed Products LLC; Cressona, Pa. (Andrew Fink)
Student team	Nicola S. Carey, Mustafa O. Furkan, and Kourosh Mahvashmohammadi
Award	\$2000
Second place	University of Texas (Team 3); Austin, Tex. (Zone 2)
Faculty advisor	Oguzhan Bayrak
PCI producer	Coreslab Structures Inc. (Texas); Cedar Park, Tex. (Nick Faerber)
Student team	Aldo Benitez, Dogacan Biricik, Ruth Bribiesca, Eduardo Molina, Ha Jeung Oh, Casey Quackenbush, Harold Suarez, Xinchu Zhang, and Alberto Marquez
Award	\$1750
Third place	South Dakota School of Mines and Technology; Rapid City, S.Dak. (Zone 3)
Faculty advisor	M. R. Hansen

PCI producer	Montana Prestressed Concrete (Cretex West); Billings, Mont. (Brian Jenner)
Student team	Dusty Daniels, Madisen Lane, Zach Grapentine, Kody Heller, Molly Pruess, Matt Henderson, and Steven Barnett
Award	\$1500
Fourth place	University of Notre Dame; Notre Dame, Ind. (Zone 4)
Faculty advisor	Yahya Kurama
PCI producer	StresCore Inc.; South Bend, Ind. (John Reihl)
Student team	Brad Geyer, Ricardo Romero, Steve LeBerge, Matt Lang, Roberto Sosa, Tyler Kiefer, and Martin Le
Award	\$1250
Fifth place	California State University, Sacramento; Sacramento, Calif. (Zone 1)
Faculty advisor	Eric Matsumoto
PCI producer	Clark Pacific; West Sacramento, Calif. (Glenn Underwood)
Student team	Alban Gjongecaj, Gaurav Bali, Vandalist Kith, Max Hardy, Kimberly Coraza, Cole Bianchin, and Joel Shinneman
Award	\$1000
Sixth place	University of North Florida/ Civil Engineering (Team 1); Jacksonville, Fla. (Zone 6)
Faculty advisor	Adel ElSafty
PCI producer	Gate Precast Co.; Jacksonville, Fla. (Tom Newton)
Student team	Georges El-Gharin, Hector Flore, and Kirk Phillips
Award	\$1000
Seventh place	Fanshawe College (Team 2); London, ON, Canada (Zone 7)
Faculty advisor	Amneh Kalloush
PCI producer	The Prestressed Group (PSI); Windsor, ON, Canada (Nebojsa Mladenovic)
Student team	Lee A. George, Jason King, Chad Brown, and Jamie Wilcocks
Award	\$1000

Zone 1

First place	California State University, Sacramento; Sacramento, Calif.
Faculty advisor	Eric Matsumoto
PCI producer	Clark Pacific; West Sacramento, Calif. (Glenn Underwood)
Student team	Alban Gjongecaj, Gaurav Bali, Vandalist Kith, Max Hardy, Kimberly Coraza, Cole Bianchin, and Joel Shinneman
Award	See national competition
Second place	Oregon State University School of Civil and Construction Engineering; Corvallis, Ore.
Faculty advisor	Keith Kaufman
PCI producer	Knife River Corp. Northwest; Harrisburg, Ore. (Keith Kaufman)
Student team	Trevor Carey, Michael Jacobson, Christopher Kemp, Quincy Lee, Austin Maue, and Dan Serra
Award	\$750
Third place	Northern Arizona University (Team 1); Flagstaff, Ariz.
Faculty advisor	Robin Tuchscherer
PCI producer	TPAC; Phoenix, Ariz. (David Chapin)
Student team	Junfeng Qian, Qi Wang, and Shiyu Wang
Award	\$500
Fourth place	University of Arizona (Team 2); Flagstaff, Ariz.
Faculty advisor	Robin Tuchscherer, PhD, PE
PCI producer	TPAC; Phoenix, Ariz. (David Chapin)
Student team	Erica Rocha, Danny Washburn, and Jessica Kettelkamp

Zone 2

First place	University of Texas (Team 3); Austin, Tex.
Faculty advisor	Oguzhan Bayrak

PCI producer	Coreslab Structures (TEXAS) Inc.; Cedar Park, Tex. (Nick Faerber)
Student team	Aldo Benitez, Dogacan Biricik, Ruth Bribiesca, Eduardo Molina, Ha Jeung Oh, Casey Quackenbush, Harold Suarez, Xinch Zhang, and Alberto Marquez
Award	See national competition
Second place	University of Texas (Team 1); Austin, Tex.
Faculty advisor	Oguzhan Bayrak
PCI producer	Coreslab Structures (TEXAS) Inc.; Cedar Park, Tex. (Nick Faerber)
Student team	Georgios Moutsanidis, Stergios Koutrouvelis, Drit Sokoli, Laura McBride, Jennifer McCormack, Nicholas Maldonado, Victoria Segres, and William Sherwood
Award	\$750
Third place	University of Texas (Team 2); Austin, Tex.
Faculty advisor	Oguzhan Bayrak
PCI producer	Coreslab Structures (TEXAS) Inc.; Cedar Park, Tex. (Nick Faerber)
Student team	Chris Miller, Michael Gresham, Kyle Dunning, Joe Zeller, Janna Stover, Nolan Woynier, and Bryan Karns
Award	\$500

Zone 3

First place	South Dakota School of Mines and Technology; Rapid City, S.Dak.
Faculty advisor	M. R. Hansen
PCI producer	Montana Prestressed Concrete (Cretex West); Billings, Mont. (Brian Jenner)
Student team	Dusty Daniels, Madisen Lane, Zach Grapentine, Kody Heller, Molly Pruess, Matt Henderson, and Steven Barnett
Award	See national competition

Second place	Minnesota State University, Mankato, Minn.
Faculty advisor	Farhad Reza
PCI producer	Wells Concrete; Wells, Minn. (Gregg Jacobson)
Student team	Nripendra Bastol and Ebrima Jaiteh
Award	\$750
Third place	University of Kansas; Lawrence, Kans.
Faculty advisor	Matt O'Reilly
Student team	Staci Ashcraft, Tyler Monnett, and Aaron Schneider
Award	\$500
Fourth place	University of Missouri and Kansas City S & T Civil Engineering; Kansas City, Kans.
Faculty advisor	Ganesh Thiagarajan
PCI producer	Coreslab Structures (KANSAS) Inc.; Kansas City, Kans. (Bruno Burgess)
Student team	Timothy Hines, Mayuri Patil, Eli Hernandez, Alex Griffin, and Reed Norphy

Zone 4

First place	University of Notre Dame; Notre Dame, Ind.
Faculty advisor	Yahya Kurama
PCI producer	Strescore Inc.; South Bend, Ind. (John Reihl)
Student team	Brad Geyer, Ricardo Romero, Steve LeBerge, Matt Lang, Roberto Sosa, Tyler Kiefer, and Martin Le
Award	See national competition
Second place	The Ohio State University (Team 6); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Adam Rector, Andrew Gyde, Brian Harlow, Yun Ho Lee, and Kevin Wojcichowski
Third place	The Ohio State University (Team 8); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)

Student team	Angela Nappi, Jake Szaraz, Eli Cowan, Craig Goodnight, and Mike Micklewright
Fourth place (tie)	The Ohio State University (Team 9); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Chris Berg, Will Ferguson, Robert Kozak, Beth Miller, and Brian Witt
Fourth place (tie)	The Ohio State University (Team 2); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Andrew Helsner, Jie Xu, Jinsong Fan, Yulan Zhang, and Eric Parris
Sixth place	The Ohio State University (Team 3); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Bruque Argaw, Tom Less, Joshua Hayes, Ben Aring, and Tommy Scheck
Seventh place	The Ohio State University (Team 1); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Dan Schmuhl, Evan Mutch, Megan Knapke, Michael Taricska, and Jesse Lesniak
Eighth place	The Ohio State University (Team 4); Columbus, Ohio
Faculty advisor	Halil Sezen
PCI producer	Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Masha Ettetfagh, Xiang Li, Kyle Straight, K. J. Yap, and Yuqing Yuan
Ninth place	The Ohio State University (Team 5); Columbus, Ohio

Faculty advisor PCI producer	Halil Sezen Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Chris Alvey, Nick Berner, Erkan Bicici, Alec Sichko, and Enrique Terrones

Tenth place	The Ohio State University (Team 7); Columbus, Ohio
Faculty advisor PCI producer	Halil Sezen Prestress Services Industries; Mount Vernon, Ohio (Ed O'Connell)
Student team	Jared Backs, Brian Dudley, Brant Mercer, Emily Steva, and Christina Thyen

Zone 5

First place	Lehigh University (Team 2); Lehigh, Pa.
Faculty advisor PCI producer	Clay J. Naito Northeast Prestressed Products LLC; Cressona, Pa. (Andrew Fink)
Student team	Nicola S. Carey, Mustafa O. Furkan, and Kourosh Mahvashmohammadi
Award	See national competition

Second place	Lehigh University (Team 1); Lehigh, Pa.
Faculty advisor PCI producer	Clay J. Naito Northeast Prestressed Products LLC; Cressona, Pa. (Andrew Fink)
Student team	Hardik Doshi, Jose A. Hernandez, and Benjamin Nichols
Award	\$750

Third place	Norwich University; Northfield, Vt.
Faculty advisor PCI producer	Edwin Schmeckpeper J.P. Carrara & Sons Inc.; Middlebury, Vt. (Benjamin Cota)
Student team	Fianna Barrows, Justin Cosgrove, Haley Vermes, and Kayla Weimert
Award	\$500

Zone 6

First place	University of North Florida/ Civil Engineering (Team 1); Jacksonville, Fla.
Faculty advisor PCI producer	Adel ElSafty Gate Precast Co.; Jacksonville, Fla. (Tom Newton)
Student team	Georges El-Gharin, Hector Flore, and Kirk Phillips
Award	See national competition

Second place	University of North Florida/ Civil Engineering (Team 2); Jacksonville, Fla.
Faculty advisor PCI producer	Adel ElSafty Gate Precast Co.; Jacksonville, Fla. (Tom Newton)
Student team	Willard Casale, William Vaughn, and Doug Rhatigan
Award	\$750

Zone 7

First place	Fanshawe College (Team 2); London, ON, Canada
Faculty advisor PCI producer	Amneh Kalloush. The Prestressed Group (PSI); Windsor, ON, Canada (Nebojsa Mladenovic)
Student team	Lee A. George, Jason King, Chad Brown, and Jamie Wilcocks
Award	See national competition

Second place	Fanshawe College (Team 1); London, ON, Canada
Faculty advisor PCI producer	Soloman Asantey The Prestressed Group (PSI); Windsor, ON, Canada (Nebojsa Mladenovic)
Student team	Jianqiao Gao, Christopher Lalonde, Lukas Grabowski, and Ricardo Mariano
Award	\$750

Third place	University of Manitoba; Winnipeg, MB, Canada
Faculty advisor PCI producer	Dagmar Svecova Lafarge; Winnipeg, MB, Canada (Ifan Lim)
Student team	David Amorim and Matthew Lynch
Award	\$500



Lyle R. Milliman



Behnam Naji



Amirpasha Peyvandi



Dimitrios Kalliontzis



Maria Trejo

PCI announces 2013/2014 Jenny Fellowship recipients

Harry Gleich, chair of the PCI Research and Development Council, is pleased to report that the Daniel P. Jenny Research Fellowship program continues to attract excellent applications. Through the dedicated volunteer efforts of the members of the council, 19 fellowship proposals were evaluated. Special thanks are due the PCI Producer Members who worked with many universities in support of their proposals. Five \$20,000 fellowships were awarded for the 2013/2014 academic year. The recipients are as follows.

Fiber-reinforced concrete to provide shear capacity in lightweight hollow-core panels

Lyle R. Milliman, University of Wisconsin–Madison

The shear capacity of hollow-core units may be enhanced with the addition of steel fibers in the concrete. This may more efficiently address shear limitations in the American Concrete Institute's *Building Code Requirements for Structural Concrete (ACI 318-05)* and *Commentary (ACI 318R-05)* for deep hollow-core. The faculty advisor is Gustavo Parra-Montesinos.

Spancrete, Waukesha, Wis., will be providing engineering expertise and hollow-core specimens in support of this project.

Debris impact resistance of precast concrete solid and insulated panels

Behnam Naji, Clemson University

Naji is a first-semester PhD student in civil engineering at Clemson University. His master's thesis was on analysis and behavior of precast concrete sandwich panels, so he is already familiar with precast concrete.

Impact resistance of insulated precast concrete panels will be studied in this project. The intent is to determine the minimum panel requirements to resist tornado-driven debris. The faculty advisor is Scott Schiff.

Metromont, Greenville, S.C.; Prestressed Casting Co., Springfield, Mo.; and Tindall Corp., Spartanburg, S.C., are supporting this project by providing test specimens.

Use of graphite nanoplatelets toward enhancement of the efficiency, service life, and economy of precast/prestressed concrete products

Amirpasha Peyvandi, Michigan State University

Peyvandi is a doctoral student at Michigan State University with a background in advanced concrete materials. In his fellowship application, he said, "Precast, prestressed concrete products ... represent a priority application of concrete nanocomposites."

The use of graphite nanoplatelets in concrete can change diffusion, durability, and crack resistance of concrete. Admixtures addressing such characteristics might be eliminated. Goals of the project include evaluation of the effects on concrete and the potential for application in precast concrete. The faculty advisor is Parviz Soroushian.

Kerkstra Precast, Grandville, Mich., will contribute design and production knowledge in support of this project.

Understanding dynamic decay of rocking precast concrete members

Dimitrios Kalliontzis, Iowa State University

Kalliontzis is a master's student at Iowa State University and participated in the PCI 2013 Big Beam contest. His long-term plans include pursuit of a PhD after completing his master's work.

This project will focus on energy dissipation in rocking seismic systems to evaluate the dynamic decay of kinetic energy with a goal of improving the efficiency of rocking systems. The faculty advisor is Sri Sritharan.

Oldcastle Precast, Fontana, Calif., is supporting this project with the donation of precast concrete panels.

Characterization and case study of geopolymer cement concrete in precast structural applications

Maria Trejo, University of North Carolina at Charlotte

Trejo will be entering the Master of Science program at UNCC. Through her work on a solar decathlon house, she developed an interest in geopolymer cement concrete (GCC). In her fellowship application she stated "The GCC research is a way to contribute to the sustainable development of the construction sector."

UNCC has entered the 2013 Solar Decathlon. Precast concrete elements cast with geopolymer cement concrete were used in the project. The goal of this fellowship is to improve the understanding of this concrete and the ways that it might have application in a precast concrete production facility. The faculty advisor is Brett Tempest.

Metromont, Greenville, S.C., is supporting this project with engineering advice, test samples, and walls for the decathlon house.

PCI completes landmark life-cycle assessment study

PCI's life-cycle assessment (LCA) project has been completed, and the project report is now under final review. PCI will make a public announcement when the review is complete. PCI members can view the executive summary in the members-only portion of the PCI website: <http://www.pci.org>.

The LCA project involved a comparative cradle-to-grave analysis of the environmental impacts of a typical commercial building over its entire life cycle. The analysis was done for 15 different combinations of structural and envelope systems located in four representative U.S. cities. It is the most comprehensive study of its type conducted to date by any industry and conforms to all International Organization for Standardization standards relating to LCA studies.

The study exploded the assumption that concrete buildings are less sustainable than steel buildings, providing solid facts and figures that PCI and its members will be able to use in the increasingly competitive construction marketplace. It also yielded important information that will help the precast, prestressed concrete industry improve the sustainability of plant operations and of precast concrete structures in general.

PCI Journal will be publishing the executive summary in an upcoming issue. For more information or if you have questions, please contact SustainabilityPrograms@pci.org.

Gate named 2013 T. Henry Clark Award winner

Gate Precast of Kissimmee, Fla., is the winner of the 2013 T. Henry Clark Award. This award is given to the Producer Member with the highest confirmed score from the 2013 QA 2020 Vision Program and will be presented at the 2013 PCI Convention in Grapevine, Tex.

Gate Precast of Monroeville, Ala., is receiving an honorable mention.

PCI recognizes plants for milestones in 2013

Each year, PCI recognizes plants for achievement of longstanding participation in the PCI Plant Certification Program. The following plants have reached significant milestone years.

Plants that have participated in the PCI Plant Certification Program for five years are Dutchland Inc. of Gap, Pa.; Fibrebond Corp. of Minden, La.; International Precast Solution LLC of River Rouge, Mich.; and Tindall Corp. Corrections Division, Texas, in San Antonio, Tex.

Plants that have participated in the PCI Plant Certification Program for 10 years are Bethlehem Construction Inc. of Shafter, Calif.; Conewago Precast Building Systems of Hanover, Pa.; Jackson Precast Inc. of Jackson, Miss.; Larry E. Knight Inc. of Glyndon, Md.; and Prestress Services Industries of Ohio LLC in Mt. Vernon, Ohio.

Plants that have participated in the PCI Plant Certification Program for 15 years are Global Precast Inc. of Maple, ON, Canada, and Lowe Precast Inc. of Waco, Tex.

Plants that have participated in the PCI Plant Certification Program for 20 years are Cretex Concrete Products Midwest Inc. of Elk River, Minn.; Dura-Stress Inc. of Leesburg, Fla.; Gage Brothers Concrete Products Inc. of Sioux Falls, S.Dak.; Gate Precast Co. of Kissimmee, Fla.; KSA of Sciotoville, Ohio; Lakelands Concrete Products Inc. of Lima, N.Y.; Lombard Architectural Precast Products Co. of Alsip, Ill.; Montana Prestress of Billings, Mont.; Newstress Inc. of Epsom, N.H.; Precast Systems Inc. of Allentown, N.J.; R. B. Johnson Co. of McMinnville, Ore.; US Concrete Precast Group Mid-Atlantic of Middleburg, Pa.; and Walters & Wolf Precast of Fremont, Calif.

Plants that have participated in the PCI Plant Certification Program for 25 years are Molin Concrete Products Co. of Lino Lakes, Minn.; Prestress Services Industries of TN LLC in Memphis, Tenn.; and Tindall Corp. Virginia Division of Petersburg, Va.

The plant that has participated in the PCI Plant Certification Program for 30 years is Gate Precast Co. of Jacksonville, Fla.

Plants that have participated in the PCI Plant Certification Program for 40 years are Bayshore Concrete Products Corp. of Cape Charles, Va., and Newcrete Products Division of New Enterprise Stone and Lime Co. Inc. of Roaring Spring, Pa.

The plant that has participated in the PCI Plant Certification Program for 45 years is Hanson Structural Precast Midwest Inc. of Maple Grove, Minn.

2013 Associate Member Award goes to Hamilton

At the June 30, 2013, meeting during the PCI Summer Conference, the Board of Directors awarded the 2013 Associate Member Award to Hamilton Form Co. This award recognizes the associate member making the greatest contribution to the industry in the 12 months preceding the PCI Convention and National Bridge Conference. Hamilton Form's enthusiastic support of the precast concrete construction industry and the institute as a Premier Partner and its employees' participation in PCI committee work, as well as its support for the PCI Foundation, was noted in the nomination.

Hamilton Form will be recognized at the Celebration of Excellence awards banquet at the 2013 PCI Convention and National Bridge Conference in Grapevine, Tex.

Kwilinski new to PCI shipping, receiving

Ken Kwilinski is PCI's new shipping/receiving administrative assistant. In this position, Kwilinski duties include administrative tasks, shipping and receiving, and fulfilling bookstore orders. He graduated from the Illinois Institute of Art in Chicago, Ill., in 2007 with a bachelor's degree of fine arts in computer animation and multimedia arts. Wilinski previously worked as an industrial designer and project manager at American Building of Chicago, where he dealt with precast concrete architectural wall panels. He can be reached at kkwilinski@pci.org and (312) 583-6775.

PCI Foundation names two new educational projects

The PCI Foundation voted to accept proposals for two new educational projects during its June 28, 2013, Summer Meeting in Sioux Falls, S.Dak. Starting in the fall of 2013, the Rhode Island School of Design (RISD) and South Dakota State University (SDSU) will be added to a growing list of universities that have undertaken new precast/prestressed concrete programs. This brings the total number of schools working with the PCI Foundation for the 2013/2014 school year to seven.

“Each program is slightly different, depending on the interest of the professors, the school or schools of learning in which the program resides, and the needs of the students,” says Doug Sutton, Academic Council chair for the PCI Foundation. “In one school, we may see architects and engineers working together on a precast design. In another, students from construction management will pair up with architecture students and build a real project. It’s always exciting to see how the semester unfolds, and every one of these programs is teaching a new group of students who we never reached before about precast.”

The new programs will be housed at one of the oldest and one of the newest schools of architecture in the United States. RISD was started in 1877, and its school of architecture is consistently ranked as one of the top 20 in the United States. The School of Architecture at SDSU, on the other hand, is only three years old and will be working hand-in-hand with the School of Construction Management on real projects in local communities.

For more information about these and other programs done in conjunction with the PCI Foundation, visit the website at <http://pci-foundation.org>.

Architectural patching, repair, and cleaning production workshop scheduled for October

PCI will be holding a Patching, Repair, and Cleaning of Architectural Precast Production Workshop October 14 through 17, 2013, at the Dallas–Fort Worth Airport Marriott in Irving, Tex.

Sessions are programmed and guided by expert patchers on all discussion topics, and frank and open discussion among the personnel attending is encouraged. A high degree of involvement is achieved for each person attending the workshop. Exchange of experience with their counterparts from other plants throughout North America is intended to bring out solutions to patching, repair, and cleaning problems in a most effective way. Separate workshop sessions will be in English or Spanish.

For more information, go to <https://s1.goeshow.com/ppci/ProWkshp/ereg788902.cfm?clear>.

PCI establishes first international chapter in UAE

PCI is establishing its first international chapter in the United Arab Emirates to allow local precast concrete companies to benefit from PCI’s certification programs and body of knowledge.

To celebrate the new chapter, PCI and local companies will hold an international symposium December 3 through 5, 2013, at the Dubai World Trade Center. Speakers will include Tom Kelley, PCI chairman, Jim Toscas, PCI president, and Larbi Sennour, chair of the Technical Activities Council. The symposium will conclude with concurrent seminars on quality control and structural design of precast concrete.

Compiled by K. Michelle Burgess (mburgess@pci.org)

PCI Personnel Training and Certification Schools

If you have any questions about the Quality Control School schedule or need help completing a registration form, please contact PCI's educational activities director, Alex Morales, at amorales@pci.org or (312) 360-3219. Registration forms are available at <http://www.pci.org/schools>.

Level I/II

October 23–25, 2013	Chicago, Ill.
November 4–6, 2013	Calgary, AB, Canada
December 9–11, 2013	Nashville, Tenn.

Level III

October 22–25, 2013	Chicago, Ill.
November 6–9, 2013	Calgary, AB, Canada
December 11–14, 2013	Nashville, Tenn.

Certified Field Auditor and Industry Erection Standards School

December 9–11, 2013	Nashville, Tenn.
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12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one)
The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes:
☒ Has Not Changed During Preceding 12 Months
☐ Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)

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13. Publication Title
PCI Journal

14. Issue Date for Circulation Data Below
July 2013

15. Extent and Nature of Circulation

	Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
a. Total Number of Copies (Net press run)	7,598	7,598
b. Paid Circulation (By Mail and Outside the Mail)		
(1) Mailed Outside-County Paid Subscriptions Stated on PS Form 3541 (Include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	5,846	6,037
(2) Mailed In-County Paid Subscriptions Stated on PS Form 3541 (Include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	0	0
(3) Paid Distribution Outside the Mail Including Sales Through Dealers and Carriers, Street Vendors, Counter Sales, and Other Paid Distribution Outside USPS®	0	0
(4) Paid Distribution by Other Classes of Mail Through the USPS (e.g., First-Class Mail®)	0	0
c. Total Paid Distribution (Sum of 15b (1), (2), (3), and (4))	5,846	6,037
d. Free or Nominal Rate Distribution (By Mail and Outside the Mail)		
(1) Free or Nominal Rate Outside-County Copies Included on PS Form 3541	0	0
(2) Free or Nominal Rate In-County Copies Included on PS Form 3541	0	0
(3) Free or Nominal Rate Copies Mailed at Other Classes Through the USPS (e.g., First-Class Mail)	0	0
(4) Free or Nominal Rate Distribution Outside the Mail (Carriers or other means)	100	100
e. Total Free or Nominal Rate Distribution (Sum of 15d (1), (2), (3), and (4))	100	100
f. Total Distribution (Sum of 15c and 15e)	5,946	6,137
g. Copies not Distributed (See Instructions to Publishers #4 (page #3))	1,652	1,531
h. Total (Sum of 15f and g)	7,598	7,668
i. Percent Paid (15c divided by 15f times 100)	98%	98%

16. Publication of Statement of Ownership
☒ If the publication is a general publication, publication of this statement is required. Will be printed in the September 2013 issue of this publication.
☐ Publication not required.

17. Signature and Title of Editor, Publisher, Business Manager, or Owner
Rachel J. Detwiler Editor-in-Chief
Date: 18 July 2013

I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).

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PCI Calendar

Events

For the most current information on PCI events, visit <http://www.pci.org/events>. For industry events, visit <http://www.pci.org/news/events>.

Patching, Repair, and Cleaning Production Workshop	October 14–17, 2013
Dallas Fort Worth Airport Marriott in Irving (Dallas), Texas	
PCI-IW Business Meeting	October 23, 2013
North Suburban Chicago, Ill.	
PCI Productivity Tour	November 5–8, 2013
Denver, Colo.	
Technical Activities Council Meeting	January 25–27, 2014
Sheraton Old San Juan and Casino, San Juan, Puerto Rico	
PCI Winter Conference	February 12–15, 2014
Hilton Americas and George R. Brown Convention Center, Houston, Tex.	
PCI Committee Days and Membership Conference	April 24–27, 2014
Hyatt Magnificent Mile, Chicago, Ill.	

BLUE RIBBON REVIEW TEAM CALL FOR PARTICIPATION

The Industry Handbook Committee is looking for candidates to serve on the Blue Ribbon Review Team for the eighth edition of the *PCI Design Handbook: Precast and Prestressed Concrete* to be published in the first quarter of 2015. Engineers with some experience in the design of precast/prestressed concrete structures and with an interest in assisting the committee are encouraged to send their qualifications to Helmuth Wilden at hwilden@roadrunner.com no later than December 31, 2013. The procedure consists of reviewing material created by the committee in advance of a two- or three-day meeting in the Chicago, Ill., area in March/April 2014 to provide input to the committee. Any specific questions can be directed to Wilden at hwilden@roadrunner.com or (610) 360-2041.