

PCI adds association veteran to certification staff

PCI has hired Noel Morales as its new certification coordinator.

In the new position, Morales will support PCI's plant, personnel, and erector certification programs. He will be the primary contact on the personnel certification helpline, handling inquiries from certified personnel and prospective certification candidates about program requirements and related processes. He will also administer the architectural project survey and site evaluation systems for the plant certification program as these are implemented over the coming months.

Morales previously worked for the American Marketing Association for more than 25 years in its membership, professional development, continuing education, and certification departments. He also traveled and worked on the association's national conferences.



Noel Morales

To participate in the Ideas That Pay Off portion of the program, send a description of your idea with supporting photos and/or videos to PCI's architectural precast systems director, Randy Wilson, at rwilson@pci.org by September 30, 2022. The Architectural Committee Task Group will select four finalists to present during the dinner program where the attendees will select winners for cash prizes. All those who submit an idea will be mentioned and recognized during the program.

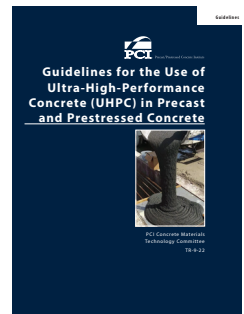
This event is part of PCI's ongoing workforce development initiative. To register, visit www.pci.org/Event.aspx?EventKey=22TOURFALL.

PCI committee publishes new UHPC guidelines

PCI recently released *Guidelines for the Use of Ultra-High-Performance Concrete (UHPC) in Precast and Prestressed Concrete*, TR-9-22. This publication from the PCI Concrete Materials Technology Committee provides a practical guide for the development and qualification of UHPC mixtures based on locally available materials. UHPC is a high-strength, high-durability composite material consisting of a cementitious matrix with high-performance-fiber reinforcement.

TR-9-22 presents an overview of UHPC production specific to long-span precast, pretensioned UHPC structural elements for buildings and bridges. Many of the practices discussed apply to the production of a variety of UHPC elements. Topics include constituent materials and the development of mixture proportions, batching and placement considerations for production, and methods for evaluating UHPC materials for mixture qualification and routine quality assurance.

The 80-page e-book is free to members and is available from the PCI bookstore at <https://www.pci.org/bookstore>.



PCI Production Workshop returns in October

The Architectural Precast Committee will be conducting an in-person workshop that will include a full day of experienced speakers along with a day of plant visits and demonstrations October 18–20, 2022, in Milwaukee, Wis.

This year, the Production Workshop will focus on the various types of forms—wood, steel, 3-D, computer numerical control, foam, liners, thin brick, terra-cotta, and more—and techniques to produce high-quality architectural precast concrete. The speakers will be a combination of precast concrete producers and PCI associate members.

Attendees will visit AA-certified plant International Concrete Products (ICP) in Germantown, Wis., where the ICP team and associate members will provide demonstrations during the tour.

This exclusive workshop is designed for plant foremen, carpenters, quality control technicians, and other key architectural precast concrete producer personnel and is limited to 80 precast concrete producer members.

COOPERATION SPURS INNOVATION



I have really enjoyed becoming more familiar with the innovative programs at the universities and have been heartened by the tremendous enthusiasm I've seen from all those involved. The professors' efforts and energies have done so much to further the objectives of the PCI Foundation, it makes it truly exciting to think of what comes next. As the PCI Foundation studio program has developed over the past few years, we are finding that each school takes a unique approach to working with its students. That means that as an industry, we have a number of new ways to interact with the schools, the professors, and the students, not only in teaching precast concrete, but also in reshaping how research opportunities are envisioned and pursued.

For the past several years, PCI has tried to broaden its research scope to include other areas of interest and impact beyond what might otherwise be covered by civil and structural engineering. There is now an operations category within the research needs list, and we have an Innovation Committee under the Research and Development Council, with several professors as members, including Carlos Barrios from Clemson University. The main task of that committee is to come up with outside-the-box thinking to spur us on to delve into things we hadn't previously considered.



Greg Force
PCI Foundation
Chairman

The committee has encouraged several successful fellowship applications, including safety training using virtual reality from Mississippi State University and scanning methods to enable real-time quality control of fabricated product with greater accuracy from Virginia Tech.

With what I've seen in several of the studios, collaboration between university departments is alive and well and quite possibly just what we need to take our fellowships to another level. Within our studio programs, we are seeing inter-departmental cooperation among architecture, engineering, and construction management programs. This opens up new relationships between professors who previously did not have reason to work together and creates new opportunities for cooperative research projects that could well align with the schools' and PCI's goals. Challenging our project approach with a proof-of-concept aspect supported across multiple disciplines carries intriguing possibilities as to what we might come up with. Topics having to do with building envelopes, modularization, and robotic assembly-line-producible product are just a few ideas to get the conversation started, and I look forward to starting that discussion within both PCI and the PCI Foundation.

Cooperation is key, and we look forward to welcoming more of the PCI Foundation studio professors to PCI committees to help us kick into high gear.

\$500 PCI Foundation survey prize goes to Wash U student

Sydnee Strong, a student pursuing a master's degree in architecture from Washington University in St. Louis, Mo., has won a \$500 prize in an annual drawing of students who take part in the PCI Foundation student survey about their experiences in PCI Foundation-sponsored programs.

Strong is studying in the Sam Fox School of Design and Visual Arts, and her PCI Foundation studio focusing on precast and prestressed concrete is led by Pablo Moyano Fernandez, assistant professor.



Sydnee Strong

Committee Central gets single sign-on

Starting June 29, members were able to log into PCI Committee Central with the same username and password they use for the members-only section of the PCI website.

Members who are already logged in to PCI.org will be automatically logged in to Committee Central. Members who are not logged in to PCI.org and go to Committee Central will be directed to a sign-in page that will instruct them to use their PCI.org sign-in credentials to log in.

Visit PCI Committee Central to access all PCI councils and committees and their rosters and important balloting questions. For more information or questions about the new procedure, email membership@pci.org.

Project Precast deadline moves to December 1

The deadline for students to apply to be on a Project Precast team at the 2023 PCI Convention at the Precast Show February 21–25, 2023, at the Greater Columbus Convention Center in Columbus, Ohio, has been moved to December 1, 2022.

There will be six teams with four students on each team. Students who are chosen will have all expenses paid to come to the PCI Convention, as well as a chance to win multiple cash prizes. More information is available at <https://www.pci-foundation.org/students>.



PCI forms committee for structural design of UHPC

The PCI Technical Activities Council is forming a new committee to develop industry knowledge on the structural design of ultra-high-performance concrete (UHPC). Anyone interested in participating in this new committee should submit an application. Applications are available at https://www.pci.org/PCI/About/PCI_Councils_and_Committees/Councils_and_Committees.aspx.

PCI Foundation Professors Seminar to be held in Miami

The dates and site for the 2023 Professors Seminar have been chosen. The next seminar will be May 17–19, 2023, in Miami, Fla.

The PCI Foundation is holding the Professors Seminar in conjunction with Florida International University. Details can be found at <https://www.pci-foundation.org/annual-professors-seminar>.

PCI'S CALENDAR

Events

PCI event details are subject to change. For the most current information, visit <https://www.pci.org/events>.

2022 PCI Committee Days Conference Loews Chicago O'Hare Hotel, Rosemont, Ill.	September 20–24, 2022
PCI of Illinois & Wisconsin Fall Event American Family Field, Milwaukee, Wis.	September 27, 2022
PCI Northeast Annual Meeting The Williams Inn, Williamstown, Mass.	October 4–5, 2022
2022 Production Workshop Milwaukee, Wis.	October 18–20, 2022
2023 PCI Convention at the Precast Show Greater Columbus Convention Center, Columbus, Ohio	February 21–25, 2023
2024 PCI Committee Days Conference Nashville, Tenn.	September 22–26, 2024

PCI personnel training and certification schools

Quality Control School event details are subject to change. If you have any questions about the Quality Control School schedule or need help completing a registration form, please contact PCI's continuing education senior manager, Sherrie Nauden, at snauden@pci.org or (312) 360-3215. Registration forms are available at https://www.pci.org/qc_schools.

Levels I and II	October 10-12, 2022 November 14-17, 2022 December 12-14, 2022	Orlando, Fla. online Nashville, Tenn.
Level III	October 10-13, 2022 November 8-13, 2022 December 12-15, 2022	Orlando, Fla. Austin, Tex. Nashville, Tenn.
Certified Field Auditor	September 12-15, 2022	online
Certified Company Auditor	September 16, 2022	online

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

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Thomas Klemens Date: **8/25/22**

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