



PCI brings in Kauh as web developer

Cody Kauh joined PCI September 17, 2018, as web developer. In this new position, he is responsible for technical aspects of the PCI website, including site development, stability, and optimization. He will also develop training and documentation of the content management system and work with PCI chapter executives on microsite administration and support.

Previously, Kauh provided web content and data development as well as web content and data development training and documentation for the Kansas City Public Library in Kansas City, Mo.

Kauh received a bachelor's degree from Southern Illinois University Edwardsville and a master's degree from University of Missouri–Kansas City, both in music.



Cody Kauh

2017/2018 Big Beam winners announced

The Judging Committee recently selected the winners of the Engineering Student Design Competition, also known as the Big Beam Contest. PCI's Student Education Committee (Wael Zatar, chair) organized the Big Beam Contest (sponsored by GCP Applied Technologies, PTAC, and *Aspire* magazine) and assigned the judging committee (Richard Miller, chair).

The objective is for teams of students to fabricate and test a precast/prestressed concrete beam with the help of local precast concrete PCI producer members. Prizes are awarded to the top 20 performers in consideration of efficient design, highest load capacity, and other categories.

Entries were ranked by total number of points earned per the contest rules, and the first-place team was from the Saint Martin's University in Lacey, Wash.

The 2017/2018 Big Beam videos are posted online at https://www.youtube.com/channel/UCBV2K1BGAopHHM9Thk_-dfw.

First place: Saint Martin's University (Snap Crackle Pop); Lacey, Wash.

Faculty advisor Jill Walsh

PCI producer Concrete Technology Corp.; Tacoma, Wash. (Austin Maue)

Student team Jarad Roschi, Joel Rodgers, Tyler Sloan, Carthney Laukon, Jesse San Nicolas, Luis Camacho, Turner Kreman, and Chase Weeks

Points 57

Award \$2000 plus other prizes

Second place: Northern Arizona University (Breaking Beams); Flagstaff, Ariz.

Faculty advisor Robin Tuchscherer

PCI producer Tpac (a Kiewit Western Co.); Phoenix, Ariz. (Gabby Wilson)

Student team Roy Crouch, Stephen Gergal, Fernando Rojo, and Brandy Wagoner

Points 56.25

Award \$1750

Third place: The University of Alabama (Alabeama); Tuscaloosa, Ala.

Faculty advisor Sriram Aaleti

PCI producer Gate Precast Co.; Monroeville, Ala. (Harris Carter)

Student team Sumedh Sharma, Daniel Valentim, Emily Gould, and Gabrielle Willis

Points 54.75

Award \$1500

Best Report: Northern Arizona University (Breaking Beams); Flagstaff, Ariz.

Faculty advisor Robin Tuchscherer

PCI producer Tpac (a Kiewit Western Co.); Phoenix, Ariz. (Gabby Wilson)

Student team Roy Crouch, Stephen Gergal, Fernando Rojo, and Brandy Wagoner

Award \$500

Best Video: University of Notre Dame; Notre Dame, Ind.

Faculty advisor Yahya Kurama

PCI producer StresCore Inc.; South Bend, Ind. (Adam Reihl)

Student team Gavin Chamberlain, Sydney Clark, Daniel Fisk, Chris Garcia, Julian Mancini, Kathleen McKeon, Olivia Perham, and Andrew Rossi

Award \$500



As 2018 comes to a close, I will be finishing up my term as the chairman of the PCI Foundation. I had big shoes to fill when I took over from our first chairman, Tom D'Arcy, who served in that capacity for 10 years.

During my time as chairman, we have seen the number of programs we take on each year grow to where now, instead of working with only three or four schools each year, we are working with at least 12 during the 2018/2019 school year. We have added a new design competition, Project Precast, that you will see at the 2019 PCI Convention in Louisville, Ky., and we created a new internship program that is now available from PCI.

I feel like this is a great time to transition. We are set to grow and move forward with more programs and gain a new energy, and I'm fortunate to leave the organization in great hands when Jim Voss takes on the chairmanship in January.

For many of you who have noticed Jim's passion and commitment to the PCI Foundation, it may come as a surprise that he has not already served as chairman of the organization. He has



Dean Gwin
PCI Foundation
Chairman

been our chief cheerleader as the founder of the group, and we feel lucky to have him and give him a more formal role within our organization.

We are continuing to move into a time of growth for the PCI Foundation. Students who are coming directly out of school tell us that their experiences in the precast concrete classes led them directly into jobs that they would not have been qualified for otherwise. Some go straight to work in our industry, and others take adjacent roles, where they can be found calling chapter executives or precasters to request boxed lunches within a year of graduating. Dan Juntunen, another great supporter of the PCI Foundation, has said that he sees about \$4 return for every \$1 he invests in education programs, including his donations to the PCI Foundation.

Although I may never make it as a cheerleader in the same vein as Jim, I hope that I can at least take a moment to cheer on your donations to the PCI Foundation. Every contributor makes a difference, and what is a meaningful contribution for you is a meaningful contribution for the education programs we serve. This year, the 12 programs include dozens of professors and hundreds of students. With the industry support we hope to see, that number could grow.

PCI Design Handbook authors receive Leslie D. Martin Award

The authors of the eighth edition of the *PCI Design Handbook: Precast and Prestressed Concrete* received the Leslie D. Martin Award during PCI's 2018 Committee Days and Membership Conference in October in Rosemont, Ill.

The Leslie D. Martin Award is given for a PCI-published document judged to be technically outstanding and most worthy of special commendation for its merit as a contribution to the advancement of precast and prestressed concrete.

PCI Safety Award recipients named for 2018

PCI's Plant Safety and Environmental Committee has collected and analyzed PCI producer members' accident data from the previous year to determine which members had noteworthy safety records. The recipients of PCI's 2018 Safety Awards had zero days away and restricted time, total case incidents, and lost workdays incidents throughout 2017.

Winners in the 10- to 49-employee category are Atlantic Metrocast of La Plata, Md.; Atlantic Metrocast of New

Orleans, La.; Encon Northwest of Camas, Wash.; Hoosier Precast of Salem, Ind.; Prestress of the Carolinas in Pineville, N.C.; and voestalpine Nortrak Inc. of Cheyenne, Wyo. Winners in the 50- to 99-employee category are Coreslab Structures of Albuquerque, N.Mex., and MEGA Precast Inc. of Shelby Township, Mich. In the 100+-employee category, United Concrete Products Inc. of Yalesville, Conn., took home the award.

PCI Safety Award recipients were recognized at the 2018 PCI Committee Days and Membership Conference in October in Rosemont, Ill.

Clow promoted to marketing coordinator

PCI recently promoted Nikole Clow to marketing coordinator. In this new position, she will be responsible for the support and administration of all market development and marketing communication activities, including established programs and new initiatives. This includes copy writing and copyediting



Nikole Clow

support for all departments and support for the PCI website, the annual PCI Design Awards program, PCI chapter executives, and the PCI Marketing Council and associated marketing committees.

Clow came to PCI in 2015 to assist with social media and PCI's website and has been web specialist since becoming a full-time employee this past September. She has a bachelor's degree in management from Benedictine University in Lisle, Ill.

PCI announces a new ANS

A notification of the American National Standards Institute (ANSI)/PCI standard PCI-142-201X, *Code Requirements for Prestressed Concrete Piles*, was announced within ANSI's *Standards Action* on September 14, 2018. This means that PCI has notified ANSI of the initiation and scope of activities expected to result in a new American National Standard.

The information in this standard is intended to provide minimum requirements for the design and construction of prestressed concrete piles used to support most types of structural systems. Although the vast majority of applications are expected to be building, bridge, or pier/wharf related, the standard can be applied to other structures, such as tanks and floating structures (such as floating dock systems) supported by piles.

For more information on this new standard, contact Edith Smith, PCI's codes and standards manager, at esmith@pci.org.

New Sacramento State PCI Foundation program to focus on bridges

California State University, Sacramento, kicked off its first PCI Foundation–sponsored program this fall with

Students meet in breakout groups with mentors to get more hands-on instruction with industry mentors as part of the California State University, Sacramento, PCI Foundation program. Courtesy of Eric Matsumoto.



the Precast Bridge Project. Durastress's Glen Switzer, PCI Foundation trustee liaison to the program, spoke to the students to get them started on what will be a semester-long program that includes not only the precast concrete industry but also Caltrans and consulting bridge engineers.

Five bridge engineers, including two from Caltrans and three consultants, are working as mentors. Students work in one of three bridge design teams, each under a different consultant mentor, with Caltrans serving as oversight with Eric Matsumoto, their professor.

In addition, students have created a new PCI club. The club's first meeting focused on the new precast concrete hybrid moment frame Parking Structure 5 on campus. More than 30 students attended the meeting, where they elected officers. A construction management (CM) student hired by Clark Pacific full time as a project engineer shared the main presentation, thus starting a civil engineering (CE)/construction management collaboration.

Other plans for the program include having the first precast concrete bridge seminar with Dorie Mellon, an accelerated bridge construction expert at Caltrans), for combined CE/CM students. It would be the first combined event in the college's history.

Industry Diversity Committee convenes for first time

PCI recently formed the Industry Diversity Committee. The committee's first meeting was October 12 in Rosemont, Ill., during the 2018 PCI Committee Days and Membership Conference.

The purpose of this new committee is to attract people of diverse backgrounds and experiences to increase innovation and financial value to the industry. The mission of the new committee is to create awareness around the value of diversity and create an atmosphere of inclusivity within our membership. The chair is Roksana Taghizadeh of Encon United, and Edgar Wong of LEAP Associates International is serving as the vice chair.

For more information on this new committee, contact membership@pci.org.

Project Precast mentors named for first competition

Five team sponsors have agreed to mentor teams during the inaugural Project Precast competition during the 2019 PCI Convention in Louisville, Ky. The competition, a cross between *Project Runway* and *Shark Tank*, will take place over two days of the convention and is designed for students and recent graduates of PCI Foundation–sponsored education programs.

Metromont, Tindall, The Consulting Engineers Group, Lombard Architectural Precast, and Spancrete have each agreed to take on a team of three students. The mentor will not only guide the team through the challenge but will be able to choose, in a team draft, his or her team from the students who apply.

Each student team will include one subject expert from each of three areas: architecture, engineering, and construction management. They will be led by a precast concrete mentor who will help guide them through the competition. At the end of the program, each team will own its design solution and

compete for a \$3000 cash prize. An audience choice award will also be presented. The company that sponsors the winning team will take home a trophy and bragging rights.

The goals of the competition are to introduce students to the many uses of precast/prestressed concrete and to showcase the availability of design-assist by the precast concrete industry.

To learn more about Project Precast, visit the PCI Foundation website at pci-foundation.org or call Marty McIntyre, PCI Foundation executive director, at (708) 386-3715.

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 continuing education senior manager, Sherrie Nauden, at snauden@pci.org or (312) 360-3215. Registration forms are available at <http://www.pci.org/schools>.

Level I/II	December 3-5, 2018	Nashville, Tenn.
	December 12-14, 2018	Toronto, ON, Canada
Level III	December 5-8, 2018	Nashville, Tenn.
CFA	December 3-5, 2018	Nashville, Tenn.
CCA	December 6, 2018	Nashville, Tenn.

PCI CALENDAR

Events

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

2019 PCI Convention in partnership with The Precast Show Louisville, Ky.	February 26-March 2, 2019
The Tour Sacramento, Calif.	May 18-20, 2019
PCI Summer Conference Kansas City, Mo.	June 6-10, 2019
PCI Fall Conference Rosemont, Ill.	September 25-28, 2019
2020 PCI Convention in partnership with The Precast Show Ft. Worth, Tex.	March 3-7, 2020
2021 PCI Convention in partnership with The Precast Show New Orleans, La.	February 23-27, 2021
2022 PCI Convention in partnership with The Precast Show Kansas City, Mo.	March 1-5, 2022

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