2021/22 Daniel P. Jenny fellowships awarded

The PCI Research and Development Council has awarded five Daniel P. Jenny Research Fellowships for the 2020/21 academic year. The fellowship recipients are Mahsa Mortazi, Lily Polster, Mohammad Qambar, Shadi Firouz Ranjbar, and Rachel Wagner.

The fellowship program connects students and faculty with precast concrete producers and industry experts to advance research in precast concrete, providing a valuable experience to the student, faculty, and the precast concrete industry. PCI especially thanks all producers who provide in-kind support for universities proposing research ideas.

Thermal Bowing in Partially Composite Precast Insulated Wall Panels

Mahsa Mortazi

University: University of Nebraska–Lincoln
Faculty advisor: Marc Maguire
Supporting producer: Gage Brothers
Additional support: AltusGroup, Dayton Superior, HK Composites, and IconX

In the application, Mortazi wrote, "Understanding thermal bowing is of practical importance to the precast concrete industry as it amplifies second-order effects and generates forces that are currently not considered. The research products will inform every day design and result in a more rational but simple approach to a complicated problem."

Precast Concrete Yielding Elements for Buckling Restrained Braced Frames

Lily Polster

University: University of Notre Dame
Faculty advisor: Yahya (Gino) Kurama
Supporting producers: Clark Pacific, Tindall, and Metromont
Additional support: Seaboard Services of Virginia Inc., Buehler Engineering, and Englekirk Structural Engineers

In the application, Polster wrote, "I am looking forward to the possibility of participating in research on BRBs in seismic precast frames. Investigating and developing a new type of precast element for the design of all-precast BRB frames will be innovative and likely prove useful to the industry in terms of efficiency and effectiveness."

Implementing Dapped Ends in Very Thin UHPC Stems

Mohammad Qambar

University: North Carolina State University
Faculty advisors: Gregory Lucier and Giorgio Proestos
Supporting producers: Tindall and Metromont
Additional support: e.Construct USA, Wiss Janney Elstner Associates Inc., and Georgia/Carolinas PCI

In the application, Mohammad wrote, "The proposed research we hope to undertake aims to look at introducing the dapped ends condition into ultra-high-performance concrete (UHPC) members. This project combines the challenge of designing an end condition that involves a complex distribution of stresses with an exciting material that has made previously impractical designs a reality."

Resistance of Hollow-core Slab Floors to Concentrated and Line Loads

Shadi Firouz Ranjbar

University: The University of Texas at San Antonio
Faculty advisor: Arturo E. Schultz
Supporting producers: Molin Concrete Products, Fabcon (formerly Oldcastle Infrastructure), Gate Precast Co., and Manco Structures
Additional support: Precast Engineering Systems

In the application, Ranjbar wrote, "This proposed study embodies one of my goals to develop new approaches for advanced structural design of precast concrete systems and ensuring adequate structural safety. I wish to focus my research work on experimental and analytical research for formulation of methods for the design of safe and serviceable precast concrete structures in modern buildings."

Immediate Deflection Calculations for Class T and C Prestressed Sections in Flexure

Rachel Wagner

University: The University of Minnesota Duluth
Faculty advisor: Andrea Schokker
Supporting producers: Metromont, Concrete Technology Corp., Molin Concrete Products, Shockey Precast

In the application, Wagner wrote "Understanding material behavior fascinates me because I want to know the complexities around how members deform or react to different situations and how designers can predict these."

PCI Ultra-High-Performance Concrete Workshop set for September

PCI is hosting an Ultra-High-Performance Concrete Workshop Tuesday, September 21, 2021. This one-day workshop will gather experts from across the precast concrete industry to discuss various research and development initiatives for the implementation of ultra-high-performance concrete (UHPC) in precast concrete components.

The workshop will cover design considerations for architectural and structural precast UHPC components, such as UHPC material selection for nonproprietary mixture designs, characterization and quality control testing of UHPC, and production and fabrication of precast UHPC components.

The workshop will be at Loews O'Hare in Rosemont, Ill. For more information, visit https://www.pci.org/Event.aspx?EventKey=PCI210921.

Bruce recipient of 2021 PCI Medal of Honor

Robert N. Bruce Jr. was posthumously awarded the PCI Medal of Honor.

Robert N. Bruce Jr.

Bruce, known to many as Bob or Doc, attended Tulane University in New Orleans, La., for both his bachelor and master of science degrees in civil engineering.

After earning his master's degree, Bruce joined the New York firm of Raymond International Inc. and was involved in projects in Venezuela, Mississippi, Florida, and Louisiana. One of these projects was the world-famous Lake Pontchartrain Causeway in Louisiana, where he participated in designing the hollow, prestressed, circumferentially spun concrete piles that support it. The piles made the project economically possible and over the years have shown exceptional durability in the brackish waters of the lake.

He earned his doctorate in civil engineering from the University of Illinois–Urbana in 1962 and spent the next 45 years teaching structural engineering at Tulane, where he held the Catherine and Henry Boh Chair in Civil Engineering for 20 years. He also served as a Fulbright Research Scholar at the Magnel Laboratory at the University of Ghent, Belgium, in 1954; Fulbright Lecturer at the Rangoon Institute of Technology, Burma, in 1979; and Senior Fulbright Fellow at the Technical University of Budapest, Hungary, in 2000. In addition, he was one of five U.S. delegates to the International Association for Bridge and Structural Engineering.

Bruce was a pioneer in the field of prestressed concrete and his work had a major impact on the U.S. prestressed concrete industry. He conducted numerous research studies for the Louisiana Transportation Research Center over a span of 30 years and was instrumental in the adoption of high-strength and ultra-high-strength prestressed concrete structural elements in Louisiana. The specifications for high-performance concrete that he helped write for the Louisiana Department of Transportation and Development are still in use today.

In 1955, Bruce was among the attendees of the first PCI convention in Fort Lauderdale, Fla. Bruce was widely known and respected for his numerous technical achievements, his mentorship of young engineers, and his tireless advocacy for prestressed concrete and the civil engineering profession. His invaluable contributions were recognized by multiple national and international awards and honors, including PCI's Martin Korn Award, the T. Y. Lin Award, the Vasarhelyi Medal from the Technical University of Budapest, the Society of Tulane Engineers Award for Teaching Excellence, and the Federal Highway Administration Plaque of Recognition. In 2001 he was honored as a PCI Fellow and in 2016 was presented with a Lifetime Achievement Award by the PCI Gulf South chapter.

2022 PCI Design Awards call for entries

The PCI Design Awards program recognizes design excellence and construction quality using precast concrete. Be a part of the search for excellence and submit your precast concrete projects today.

The 2022 PCI Design Awards submission site is now open. Visit https://www.pci.org/PCI/About/Awards/PCI_Design_Awards/ for complete information, including this year's categories and submission guidelines, or to make a submission.

Entries are accepted in two primary categories: buildings and transportation structures. In addition to buildings and transportation, there are special awards categories: the Harry H. Edwards Industry Advancement Award, the All-Precast Concrete Solution Award, the Sustainable Design Award, and the Building Information Modeling (BIM) Award.

August 10, 2021, is the submission deadline, and winners will be notified in November. All winning projects will be showcased at the 2022 PCI Convention at The Precast Show, March 1–5, 2022, in Kansas City, Mo., and will be included in a supplement to *PCI Journal* and *Aspire* and in the spring issue *Ascent*. For more information, contact PCIDesignAwards@pci.org.

PCI recognizes 2021 Fellows at convention in New Orleans

The Board of Directors recently named seven members PCI Fellows, honoring them for outstanding contributions to PCI and to the precast concrete structures industry. The new PCI Fellows are Sergio F. Breña, Todd Culp, Mary Ann Griggas-Smith, David Larsen, Alexander Mihaylov, Chris Mosley, and Cheryl L. Rishcoff. They were recognized on May 20 at the PCI Annual Membership Meeting and Luncheon during the 2021 PCI Convention in New Orleans, La.


Sergio Breña

Breña is a professor and associate department head in Civil and Environmental Engineering at the University of Massachusetts Amherst with more than 25 years of experience in laboratory- and field-testing of structures and structural systems. In addition, he has more than six years of structural design experience in projects such as seismic retrofit of existing buildings and structural design of underground structures and precast concrete tunnel liners. His research interests include the design and behavior of reinforced and prestressed concrete structures, use of fiber-reinforced materials in civil infrastructure applications, and field performance of bridges and buildings. Breña has been a member of PCI since 2003 and is a current member and past chair of the Student Education Committee. He has been closely involved in the Big Beam competition, first as a student advisor and later as a judge, and created a student research session at the PCI Convention. He also has taught and developed materials for a number of PCI courses. As a member of the Blue Ribbon Review Committee, Breña made significant contributions to the eighth edition of the *PCI Design Handbook: Precast and Prestressed Concrete*. Currently he serves on the ninth edition Industry Handbook Committee, as well as on the Design Standard Committee and the PCI Academy Advisory Board. Breña has also served on the PCI Northeast Bridge Technical committee since 2012 and actively promotes precast concrete research and education in the Northeast region. He was awarded Daniel P. Jenny Fellowships in 2009 and 2010, and his educational achievements were recognized with the PCI Young Educator Award in 2011 and the Distinguished Educator Award in 2019.


Todd Culp

Culp is the general manager and vice president of Coreslab Structures (OMAHA) Inc. in Nebraska, a position he has held since 2007. A graduate with honors from the University of Nebraska, Culp's research and master's degree thesis, "Full Scale Testing of Thermally and Structurally Efficient Precast Concrete Sandwich

PCI seeking manager–technical activities

PCI is seeking applications for a new technical position as manager–technical activities. The technical activities manager is responsible for the program and project management of PCI technical activities relating to the development and dissemination of the existing PCI Body of Knowledge. As a member of PCI Technical Services, the technical activities manager supports the core purpose of maintaining and protecting the technical integrity of precast concrete by providing guidance and perspective on major technical issues confronting the industry and working closely with other technical leaders in the institute in coordinating the institute's technical activities. Working with established PCI committees, industry consultants, and volunteers, the technical activities manager will facilitate the development of PCI publications to enhance the PCI Body of Knowledge. The technical activities manager will also support the development of presentations and educational content to support the broader use of precast concrete systems. For more information, visit https://www.pci.org/PCI/News-Events/Precast_Careers/PCI_HQ.aspx.

2022 Mario J. Bertolini Leadership and Innovation Award call for nominations

To honor the legacy of Mario J. Bertolini, an icon of the precast concrete industry, PCI established the Mario J. Bertolini Leadership and Innovation Award. Bertolini was president of a major precast concrete manufacturer for many years and chairman of PCI in 1989. The award will be presented next at the 2022 PCI Convention at The Precast Show, March 1–5, 2022, in Kansas City, Mo. Nominations are being accepted through August 11, 2021. The criteria for this award and the nomination form are available at https://www.pci.org/Submission_Center. For more information, contact Arelys Schaedler, PCI's executive assistant, at aschaedler@pci.org.

Panels," contributed to the THiN-Wall insulated wall panel system. In addition, Culp was a leader in implementing the first optimized concrete I-girder for bridge applications, the NU girder, in the early 1990s. He began his career with the Wilson Concrete Co. as a design engineer in 1993 while finishing his thesis and has remained with the organization through two ownership changes. During this time, he has served as quality assurance, jobsite coordinator, project manager, estimator, salesman, and supervisor of all nonproduction operational functions. Culp has been closely involved in the development of ultra-high-performance concrete in the United States and has worked extensively with state universities and departments of transportation in Iowa and Nebraska on numerous bridge projects and research programs. Culp was a founding member, president, and board member of the Midwest Precast Association, which later became the PCI Midwest chapter. He is a past chair and served for more than 10 years on PCI Midwest's Executive Committee. Currently he serves on the chapter's board of directors and as a regional representative to the PCI Board of Directors. He is also the vice chair of the Total Precast Systems Committee and a consulting member of the Architectural Certification Subcommittee.

Mary Ann Griggas-Smith

Griggas-Smith is the director of corporate engineering at Tindall Corp. in Spartanburg, S.C., where she has spent the past eight years of her career. Two years after joining the South Carolina Division, Griggas-Smith was asked to develop Tindall's Corporate Engineering team to serve as an in-house engineering resource. Today, she leads a growing team of engineers and 3-D designers that provide expert engineering and professional training for all five Tindall divisions. Griggas-Smith currently serves on the Technical Activities Council, the ninth edition Industry Handbook Committee, and the Fire Committee, where she was instrumental in the development of the first PCI fire standard. Griggas-Smith also served as a member of the eighth edition Industry Handbook Blue Ribbon Review Committee and has participated on multiple advisory committees, including daps and lifting loops.

2022 PCI Fellows call for nominations

The PCI Fellows recognition is awarded to individuals who embrace the values of the institute, who have provided continuous outstanding contributions to the U.S. precast concrete industry, and who have demonstrated exceptional service to PCI. Service to the industry may be considered in the areas of education, research, design, and/or production. PCI is accepting nominations for PCI Fellows, to be awarded during the 2022 PCI Convention at The Precast Show, March 1–5, 2022, in Kansas City, Mo. Nominations are being accepted through August 11, 2021. The criteria for this award and the nomination form is available online at https://www.pci.org/Submission_Center. For more information, contact Arelys Schaedler, PCI's executive assistant, at aschaedler@pci.org.

2022 PCI Medal of Honor call for nominations

The PCI Medal of Honor award was established to honor a person who has made extraordinary contributions to PCI and the precast concrete industry. The nominees for the Medal of Honor shall have made a highly significant contribution to the precast concrete structures industry and shall have demonstrated a sincere continuing interest in the institute. The award will be presented at the 2022 PCI Convention at The Precast Show, March 1–5, 2022, in Kansas City, Mo. Visit https://www.pci.org/Submission_Center for more information and nomination criteria. Nominations are being accepted through by August 11, 2021, and should be sent to Arelys Schaedler, PCI's executive assistant, at aschaedler@pci.org.

2021 Big Beam Contest call for entries

The PCI Engineering Design Competition, or Big Beam Contest, is designed to give graduate and undergraduate students real in-plant experience while they design a concrete beam to competition specifications.

For more information, visit https://www.pci.org/BigBeam. All intending to submit a report must submit an application online at http://www.pci.org/bigbeamapp. Final reports are due to PCI by July 15, 2021.

David Larsen

Larsen began his career in the precast concrete industry in 1996 at Losch Engineering Inc., where he started as a project engineer after earning his master's degree in architecture from the University of Illinois at Urbana–Champaign. His involvement with PCI started shortly thereafter when he began attending PCI conventions to help run the Losch Software booth. In 2004, he joined the inaugural class of the Leadership PCI program and started participating in committee work. Since then, he has been a highly contributing member of several committees, including the Professional Member Committee, which he previously chaired; the Joint and Connection Design Committee; the Industry Handbook Committee as both member and chapter chair for the seventh through ninth editions; and four years on the PCI board as a professional member director. Today Larsen is president of Unity Design Inc. in Buffalo Grove, Ill., which he started with his partner, Boyan Tchobadjiev, in April 2014 to provide engineering and detailing services to precast concrete manufacturers around the United States.

Alexander Mihaylov

Mihaylov is a principal with Vector Structures LLC in Auburn, Wash., a position he has held for six years. His experience with precast concrete dates back to his senior year in high school, when he trained to become a certified precast concrete erector and welder. He then went on to five years of engineering school and worked at precast concrete plants in Bulgaria during summer vacations and then for six years after graduating. After emigrating to the United States, he worked for three years at small engineering companies until 2000, when he returned to the precast concrete industry through a job interview with PCI Fellow Mike LaNier. LaNier encouraged Mihaylov to become a member of PCI in 2003 and sponsored him to attend the inaugural class of the Leadership PCI program. Since then, Mihaylov has been an active member of numerous technical committees, including the Journal Advisory Committee, the Seismic Committee, the Blast Resistance & Structural Integrity Committee, and the Building Code Committee. He chaired the Total Precast Systems and Professional Member Committees and was a professional member director on the PCI board for two terms. Mihaylov has contributed significantly to the *PCI Design Handbook* through his work on the Blue Ribbon Review Team for the seventh edition and as a voting member of the eighth and ninth edition committees. He is a recipient of the Leslie Martin Award for his work on the eighth edition.

Chris Mosley

Mosley is the president and CEO of CEG Group, the parent company of The Consulting Engineers Group. He began his tenure with the company in 2002 in CEG's San Antonio, Tex., office and in 2008 became the head of the Albuquerque, N.Mex., office. After a transformative undergraduate course in prestressed concrete with PCI Fellow Robert Bruce at Tulane University in New

Welcoming students to PCI

Marty McIntyre
PCI Foundation
Executive Director

Time and again I am struck by how many students have told me that their career trajectory has changed by being involved in the precast studio sponsored by the PCI Foundation. Sometimes it is because of the professor teaching the course, a mentor who comes into the classroom, or an opportunity for an internship that comes along because of the program we have helped provide. But lately I have been hearing about fantastic convention experiences students have had.

The PCI Convention can change a student's career trajectory. For many of the students, traveling to the convention is a first: the first convention, first time on a plane, or even the first time out of state.

Madison Shell, who recently started a job with Clark Pacific, told us at the PCI Foundation Professors Seminar that meeting Jim Voss at the PCI Convention in Dallas, Tex., changed her career path, "really impacted me. From that moment, I've been so interested in concrete. I initially thought I would be more interested in steel design, but from that moment I've been more interested in concrete and now I work at Clark Pacific."

For Anghela Alonzo, the convention gave her a glimpse into the precast concrete industry, and she says she liked what she saw. "I was really excited for the convention," says Alonzo, a senior at Sacramento State who will go on to the graduate program at Berkeley after working at an internship at T. Y. Lin. "It was really a blessing, I feel, because that was the start of my experiences with PCI. I was able to see firsthand how dedicated these people are to the students and to see how much they want us to be part of the industry. I got to go to the tech talks and then also see all the materials that are being used in precast."

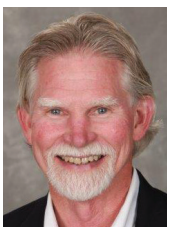
In coming years, the PCI Foundation will be working with PCI to make the PCI Convention a more fun and educational experience for students, but nothing can compare to the one-to-one experiences that these students had that made them feel like the industry welcomed them and wanted them there.

Orleans, La., Mosley went on to intern for a bridge girder manufacturer during his graduate studies at Purdue University in West Lafayette, Ind., where he was a research assistant studying the use of fiber-reinforced polymers in concrete. After graduate school, he worked as a project manager for a precast concrete manufacturer that was constructing an elevated precast concrete guideway in Indianapolis, Ind. Mosley was a member of the first Leadership PCI class in 2004 and has served on many PCI committees, including the Building Code Committee, which he previously chaired. Mosley was a voting member of the Industry Handbook Committee for the eighth edition of the *PCI Design Handbook* and a member of the Blue Ribbon Review Committee for the seventh edition. He currently serves on the Technical Activities Council and is a professional member director on PCI's board.


Cheryl Rishcoff

Rishcoff is a consultant and structural engineer with TRC Worldwide Engineering Inc. in Allentown, Pa., where she oversees projects and a staff of design engineers in several locations around the world. She is a graduate of the 2009 Leadership PCI class. She has served on the Building Codes and Parking Structures Committees and is vice chair of the Professional Members Committee. As member and now chair of the Fire Committee, she played a crucial part in the development of PCI's first standard, PCI 124. In addition, she has served on the PCI Board of Directors as a professional member director and holds a holds a bachelor's degree in civil and environmental engineering from Lafayette College in Easton, Pa., and is a licensed professional engineer in eight states.

Knowles receives 2021 Bertolini award


Edward Knowles

Edward S. Knowles received the Mario J. Bertolini Leadership and Innovation Award in recognition of his outstanding character as a precast concrete professional on May 20 at the PCI Annual Membership Meeting and Luncheon during the 2021 PCI Convention in New Orleans, La.

Knowles is the vice president of Walters & Wolf Precast in Fremont, Calif. After earning his bachelor's degree in architectural engineering, he went to work for a structural engineering firm in San Francisco, where he obtained his professional engineer's license.

In 1979, Knowles joined Lafayette Manufacturing Inc. as a design engineer and was subsequently promoted to chief engineer, operations manager, and ultimately vice president. In 1994, Walters & Wolf acquired Lafayette Manufacturing and renamed the company Walters & Wolf Precast.

In the early 1980s, Knowles was closely involved in developing and promoting glass-fiber-reinforced concrete (GFRC) panels. He worked on the GFRC panel design technology and helped develop the steel-stud framed panel system. At Lafayette Manufacturing, he was involved in the production of the first GFRC steel-stud framed panel in San Francisco, Calif.

An active PCI member since 1983, Knowles has made numerous contributions to the advancement of research, the PCI body of knowledge, and plant certification. Currently, he chairs the GFRC Committee, a position he has held several times over the years. He is also a member of the Architectural Certification Subcommittee, the Plant Certification Committee, and the Architectural Precast Concrete Committee, which he chaired from 2005 to 2009.

Knowles has been a leader and major contributor for a number of PCI publications, including the third edition of MNL 122, *Architectural Precast Concrete*; the second and fourth editions of MNL 128, *Recommended Practice for Glass Fiber Reinforced Concrete Panels*; the second edition of MNL 130, *Manual for Quality Control for Plants and Production of Glass Fiber Reinforced Concrete Products*; and ANSI/PCI 128, *Specification for Glass-Fiber-Reinforced Concrete Panels*. He received the Leslie D. Martin Award of Merit for his work on MNL 122 and the Leslie D. Martin Certificate of Merit Award for ANSI/PCI 128. He also has authored several articles on GFRC and architectural precast concrete.

Knowles served as Zone 1 director on the PCI Board of Directors for four years and is the past president of the PCI West chapter. His dedication and leadership have directly influenced the development and growth of the precast concrete industry in the PCI West region and beyond.

In 2015, Knowles was honored as a PCI Fellow for his outstanding contributions to the precast concrete industry and service to PCI.

2021 Dennis R. Mertz Bridge Research Fellowship call for applications

Applications for the 2021 Dennis R. Mertz Bridge Research Fellowship are now being accepted. This fellowship award of up to $40,000 is intended to engage master's degree–level engineering students in the precast concrete industry while supporting research related to precast concrete bridge design, materials, or construction. PhD program candidates will also be considered.

Applications are due August 20, 2021. Complete information is available at https://www.pci.org/MertzFellowship.

The PCI Foundation's Studio Nation now includes 35 universities nationwide

Six universities have received PCI Foundation grants expanding precast concrete education and bringing the Studio Nation program to 35 universities nationwide.

Four universities new to the precast studio grant program and two extensions for existing programs were approved by the PCI Foundation Board of Trustees at its recent meeting. The University of Delaware, University of Nebraska, and a joint program between Kansas State University and California State University, Chico, are new. The University of Minnesota Duluth and the University of Southern California received extensions to continue their precast concrete educational programs.

PCI updates awards policy

PCI recently updated its Policy 26, Awards, which was approved by the PCI Board of Directors at its February 19, 2021, meeting. The most recent revision of Policy 26 had been in 2016.

In September 2020, the Awards Policy 26 Task Group, chaired by Harry Gleich of Metromont, was appointed by the PCI Executive Committee to update the policy. Over the next several months, nine meetings were held to develop the new version of the policy and present it to the PCI Board of Directors.

The updated policy is available at https://www.pci.org/PCI/About/Awards/awards_programs.aspx. Members making an award nomination or serving on a selection jury can find more details about PCI awards in this document. Please send any comments or suggested revisions to Arelys Schaedler, PCI executive assistant, at aschaedler@pci.org.

Research into dapped ends in newer UHPC members wins Mattock Scholarship

Mohammad Qambar

The PCI Foundation has awarded the $4000 2021 Alan Mattock Graduate Scholarship to Mohammad Qambar, a PhD candidate at North Carolina State University. His proposal was titled "Implementing Dapped Ends in Very Thin UHPC Stems."

Qambar is a graduate student in the Department of Civil, Construction, and Environmental Engineering, Constructed Facilities Laboratory in Raleigh, NC. He was one of five graduate students to receive a 2021/22 PCI Daniel P. Jenny Fellowship.

2022 PCI Convention call for papers

>> PCI invites abstracts for technical papers, topics, or sessions to be presented at the 2022 PCI Convention at The Precast Show, March 1–5, 2022, in Kansas City, Mo. The call for papers offers the exchange of ideas and information on precast concrete design, fabrication, and construction. The call for presentations provides an opportunity to discuss topics of interest to the precast concrete industry and present innovative solutions using precast concrete. For more information, visit http://pci.org/PCI/News-Events/Call_for_Papers. Email technical@pci.org with questions or to submit abstracts no later than August 1, 2021.

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.

Level I/II	August 9–12, 2021 August 16–18, 2021 October 11–13, 2021	online Chicago, Ill. Orlando, Fla.
Level III **CFA**	July 13–16, 2021 August 18–21, 2021 October 13–16	online Chicago, Ill. Orlando, Fla.

PCI's Calendar

Events

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

2021 PCI of Illinois & Wisconsin Summer Membership Meeting Lake Geneva, Wis.	July 13–14, 2021
Architectural Precast Concrete Best Practices for Specifying Online	July 22, 2021
Precast Protects Life: Earth, Wind and Fire Webinar Online	August 10, 2021
Precast Protects Life: Earth, Wind and Fire Webinar Online	August 12, 2021
PCI Online Academy: Basic Prestressed Concrete Design Online	August 23– September 23, 2021
2021 PCI Central Region Summer Event Nashville, Tenn.	August 24–25, 2021
2021 PCI Northeast Annual Meeting Manchester, Vt.	September 1–2, 2021
PCI Ultra-High-Performance Concrete Workshop Rosemont, Ill.	September 21, 2021
2021 PCI Committee Days Rosemont, Ill.	September 22–24, 2021
PCI Mountain States Fall Meeting Boise, Idaho	October 7–8, 2021
PCI Midwest Fall Meeting TBD, Minn.	October 12–13, 2021
2021 Productivity Tour Charlotte, N.C.	October 19–21, 2021
2022 PCI Convention at The Precast Show Kansas City, Mo.	March 1–5, 2022
2022 Productivity Tour St. Petersburg, Fla.	May 9-11, 2022
PCI Board of Directors and Committee Meetings New Orleans, La.	June 7–10, 2022
2022 PCI Committee Days Rosemont, Ill.	September 21–23, 2022

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