

FROM PCI HEADQUARTERS

PCI adds Missaggia as new education manager

Bekki Missaggia joined PCI on March 20 as its new education manager. In her role, Missaggia will spearhead all of PCI's numerous educational activities, including PCI's Online Academy continuing education series; the PCI eLearning Center platform, which contains hundreds of courses for members and nonmembers; and the annual Educator Awards.



Bekki Missaggia

Missaggia will support the administration of all PCI education programs, including development and distribution of announcements, seminar registrations, and course evaluation and feedback. She will also be the main contact to state and national groups that certify education programs related to the precast concrete industry and ensure that all of PCI's industry programs meet the continuing education requirements of various national groups. In addition, Missaggia will be the staff liaison for all education committees and subcommittees, including the Continuing Education Committee, PCI Academy Advisory Board, and the Student Education Committee.

Missaggia most recently was employed as the learning management system manager with the American Planning Association, a not-for-profit association of more than 30,000 professional planners. She also previously held education positions with the Academy of General Dentistry and the William Wrigley Jr. Co.

Missaggia received her bachelor of science degree in public relations from Illinois State University in Normal.

Gallandorm named ACI Fellow

Edith Gallandorm, PCI's codes and standards managing director, was named a 2023 American Concrete Institute (ACI) Fellow in April at the ACI Spring Convention in San Francisco, Calif. ACI Fellows are members who have made "outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management."

Some of Gallandorm's contributions include membership on ACI Committees 301, Specifications for



Edith Gallandorm

Concrete Construction, and 318, Structural Concrete Building Code; the joint ACI-PCI Committee 319, Precast Structural Concrete Code; the joint ACI-American Society of Civil Engineers (ASCE) Committees 423, Prestressed Concrete, and 550, Precast Concrete Structures; and ACI Subcommittees 301-M, Precast Structural Concrete—Section 13, 301-N, Precast Architectural Concrete—Section 14, 318-F, Foundations, and 318-P, Precast and Prestressed Concrete.

Before starting at PCI, Gallandorm worked for Sirko Associates, Metromont Corp., and Gage Brothers, where she was involved in the design of parking structures, data centers, schools, and architectural cladding projects. As a longtime PCI member, she participated in the inaugural class of Leadership PCI in 2005.

Gallandorm earned a bachelor of science degree in structural design and engineering technology from Pennsylvania State University Harrisburg in Middletown and is a licensed engineer in Colorado, Georgia, Maryland, North Carolina, Pennsylvania, South Dakota, Virginia, West Virginia, and the District of Columbia.

Pastorius takes home 2023 Bertolini award

Chris Pastorius received the Mario J. Bertolini Leadership and Innovation Award in recognition of his outstanding character as a precast concrete professional in February at the 2023 PCI Convention at the Precast Show in Columbus, Ohio.

Pastorius is vice president and general manager of Virginia Operations for Metromont LLC and has been working in the precast concrete industry since 1985, beginning at Turbutville Precast, a sister company to Eastern Prestressed Concrete. In 1990, he returned to Eastern Prestressed Concrete after the company was purchased by Oldcastle Precast, where he served as vice president and general manager. In 1997, Pastorius moved to Rochester, N.Y., to oversee Oldcastle Precast's prestress and hollow-core manufacturing plant. In 2002, Oldcastle Precast purchased the Stresson plants in Maryland and Pennsylvania, and Pastorius moved to Maryland to oversee the three locations as vice president and general manager. Then, in 2011, Pastorius joined Metromont. After spending two years in Greenville, S.C., he relocated to Richmond, Va., to be vice president and general manager for Metromont's Richmond



Chris Pastorius

facility. When Metromont purchased Shockey Precast in Winchester, Va., in 2018, Pastorius took on the role of vice president and general manager of both Virginia operations.

Pastorius has served as a board member and chair of the Prestressed Concrete Association of Pennsylvania and was a member of the PCI Board of Directors from 2008 to 2016, serving as the chair in 2015. He was a PCI Foundation Board of Trustees member for several years, serving as chair in 2021 and 2022. Pastorius also served on the PCI Fellows Nominating Committee and Medal of Honor and Awards Policy 26 Task Group. In addition to his service with PCI, Pastorius was a member of the board of AltusGroup for eight years and was the chair of the AltusGroup board from 2008 to 2010.

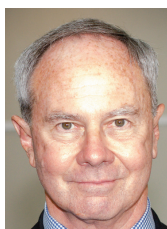
Prussack 2023 recipient of PCI Medal of Honor

Chuck Prussack, a PCI Fellow and former PCI chair, was presented with the PCI Medal of Honor in February at the 2023 PCI Convention at the Precast Show in Columbus, Ohio.

Prussack graduated from Washington State University in 1976 with a degree in civil engineering. After working for Kiewit and Chicago Bridge and Iron, he began work as a design engineer at Central Pre-Mix Prestress in 1979. He worked for Central Pre-Mix for 38 years.

In 1980, Prussack became a member of PCI. In the ensuing years with PCI, he was involved with the Bridge Producers Committee, Bridge Committee, and Technical Activities Council; he also served on the PCI Board of Directors and was appointed board chair in 2016. Prussack was named a PCI Fellow in 2004.

In addition to his work with PCI, he was president of the Inland Empire Section of the American Society of Civil Engineers, a member of the Structural Engineers Association of Washington, and a member of several other engineering associations. During his career, he had a passion for bridges and exploring new frontiers for prestressed concrete bridges and he was involved in several bridge research projects.



Chuck Prussack

PCI names recipients of 2022 Safety Awards

The recipients of PCI's 2022 Safety Awards had zero days away and restricted time (DART), total case incidents, and lost workdays incidents throughout 2021.

Following are the recipients in the 10- to 49-employee category:

- AVAN Precast Concrete of Lynwood, Ill.
- KIE-CON Inc. of Antioch, Calif.

- Spring Precast of Cobb, Ga.

Following are the recipients in the 50- to 99-employee category:

- GPRM Prestress LLC of Kapolei, Hawaii
- voestalpine Railway Systems Nortrak of Cheyenne, Wyo.

2023 PCI Fellows recognized at convention

The PCI Board of Directors recently named nine members PCI Fellows, honoring them for outstanding contributions to PCI and to the precast concrete structures industry. The new PCI Fellows are Steve Brock, Roy Eriksson, Les Kempers, Paul Kourajian, John Lawler, Glenn Myers, Richard Potts, Gregg Reese, and Mike Wolff. They were recognized in February at the 2023 PCI Convention at the Precast Show in Columbus, Ohio.

Steve Brock, who retired in 2022, graduated from Mississippi State University in Starkville with a degree in civil engineering in 1982. After a short stint with the Mississippi Department of Transportation, he started his precast concrete career with Jackson Stone Co. in Jackson, Miss., in 1984. In 1991, he became engineering manager for Bluegrass Art Cast in Winchester, Ky., later moving to its Ashland City, Tenn., operation as general manager. After Gate Precast Co. purchased the Bluegrass operation, Brock served several different executive



Steve Brock



Roy Eriksson



Les Kempers



Paul Kourajian



John Lawler



Glenn Myers



Richard Potts



Gregg Reese



Mike Wolff



Christopher White

roles in operations and engineering. He was instrumental in securing and maintaining PCI certification for the plants in Tennessee and Kentucky. Brock is a member of the PCI Research and Development Council. He previously served on the Technical Activities Council and is a past chair of the Innovation Committee. He was also a member of the BIM, Architectural Precast, Insulated Wall Panel, and Financial/Risk Management Committees, and he has participated in many advisory groups, including several with Oak Ridge National Laboratory in Oak Ridge, Tenn.

Roy L. Eriksson is president and CEO of Eriksson Technologies. He received a bachelor of science degree in civil engineering from the University of Florida in Gainesville and a master of science degree in civil engineering from the University of South Florida in Tampa. He began his career in the precast and prestressed concrete industry as a project engineer with LEAP Associates International. After a few years of design work, he was offered the opportunity to start LEAP Software and became the first employee of that company, developing it into a successful company with a full staff of engineers, programmers, and support personnel. Eriksson's exposure to the potential of engineering automation early in his career left a deep and lasting impression on him. In 2000, he started Eriksson Technologies with the aim of automating engineering in the precast and prestressed concrete industry. Initially, both engineering design and software development were contained within a single company. About 10 years after Eriksson Technologies was founded,

the software division was spun off into a separate company. Today, both companies work closely together to develop the processes and software that help power and advance the precast and prestressed concrete industry. Eriksson has been a longtime member of the PCI Bridges Committee, chairing that committee from 1999 through 2003. He was a charter member of the PCI Bridge Design Manual Committee and received a Certificate of Special Merit for that work in 2004. He has also been a longtime member of the Transportation Activities Council and the Bridge Producers Committee and has worked on several subcommittees, including as chair of the Prestress Losses Subcommittee.

Les Kempers is vice president of engineering, marketing, and sales for GPRM Prestress in Oahu, Hawaii. He has a bachelor of science degree in civil engineering from Iowa State University in Ames and a master of science degree in structural engineering from the University of Colorado, Boulder. He has been a PCI member his entire career, which has spanned over four decades. He launched his career with a master's paper on the analysis, design, and full-scale testing of dapped ends of double tees at Stanley Structures in Denver, Colo., where he worked after college. Kempers's positions included precast design engineer, engineering group manager, architectural plant manager, and project coordinator. He has also worked in new product development and sales and marketing. He has been a guest lecturer at Iowa State University, University of Colorado, and University of Hawaii, and has given presentations on total-precast con-

2023/24 BIG BEAM CONTEST CALL FOR ENTRIES



The PCI Student Education Committee is inviting entries from students to participate in the Engineering Student Design (Big Beam) Competition for the 2023/24 academic year. Each student team must work with a PCI producer member to build a precast, prestressed concrete beam that is 20 ft long. The beams will be tested and prizes awarded for best performance in the

stated areas. Students must discuss both the structural design and the concrete mixture proportions for the beam.

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 June 12, 2023.

2023 T. HENRY CLARK AWARD CALL FOR NOMINATIONS



Nominations for the T. Henry Clark Award, to be presented at 2023 PCI Committee Days, October 4-8, 2023, at the J. W. Marriott, Tampa, Fla., should be submitted to qualityprograms@pci.org by June 1, 2023. The T. Henry Clark Award nomination form is available at <https://www.pci.org/PCI/About/Awards/Clark>.

The T. Henry Clark Award was established to recognize an individual, group of individuals, or firm that has delivered a resource that improves

or enhances the quality of precast concrete products or processes. T. Henry Clark believed in quality and quality processes, and this award is to recognize those who create or promote quality in a way that would have made him proud.

For more information, contact Mike Wolff, the Quality Activities Council chair, at m.wolff@msprecast.com or Mike Kesselmayer, PCI managing director of quality programs, at mkesselmayer@pci.org.

crete systems at PCI conventions. Kempers's PCI committee service includes the Glass-Fiber-Reinforced Concrete Panels Committee, where he helped write the first edition of the *Manual for Quality Control for Plants and Production of Glass Fiber Reinforced Concrete Products*. He has also been a member of the Architectural Precast Concrete, Marketing Communications, Total Precast Systems, and Financial/Risk Management Committees and a consulting member of the Fire Committee. He has worked with the PCI Foundation to launch a PCI Foundation Studio at the University of Hawaii, which had its first class in 2022. Kempers has made considerable progress to advance continuing education in the Hawaii market through involvement in numerous local organizations, as well as the American Society for Civil Engineers, American Institute of Architects, Structural Engineering Association of Hawaii (SEAOH), Society of American Military Engineers, Construction Specifications Institute, NAIOP (Commercial Real Estate Development Association), and Hawaii Council of Engineering Societies (HCES). He has been a director for SEAOH and chair of the HCES. Kempers was a recipient of the PCI Robert J. Lyman Award in 2008 for a *PCI Journal* paper describing the conversion of a medical research center to total precast concrete.

Paul Kourajian is the director of research and development for Molin Concrete Products in Lino Lakes, Minn., where he has worked for 25 years. For 19 of those years, he served as the director of engineering. Previously, Kourajian worked for Fabcon and U.S. Wall Corp. He has been employed in the precast concrete industry for his entire professional career of 36 years and has been involved in thousands of precast concrete projects, including projects that have incorporated precast concrete walls, beams, columns, stadia, and hollow-core slabs. He is considered to be one of the leading U.S. experts on the design of precast concrete podiums for multifamily construction. Kourajian has a bachelor's degree in civil engineering with a structural emphasis from the University of Minnesota. He is a licensed engineer in Minnesota and Wisconsin. A PCI member since 1991, Kourajian was the chair of the Hollow Core Committee from 2010 to 2017, during which time he was awarded a Certificate of Merit for the publication of the second edition of the *Manual for the Design of Hollow Core Slabs*. He is a member of the Fire Committee and received the Leslie D. Martin Certificate of Merit for the publication of *PCI Specification for Fire Resistance of Precast/Prestressed Concrete*, which was PCI's first publication developed through an American National Standards Institute-accredited consen-

2024 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 2024 PCI Convention at the Precast Show, February 6-10, 2024, in Denver,

Colo. Nominations are being accepted through August 18, 2023.

The criteria for this award and the nomination form are available at https://www.pci.org/PCI/About/Awards/Mario_J_Bertolini_Award. For more information, contact Philip McConnell, PCI's coordinator of administrative services, at pmcconnell@pci.org.

2024 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 2024 PCI Design Awards submission site is open. Visit <https://pci.org/designawards> 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.

July 26, 2023, is the submission deadline, and winners will be notified in October. All winning projects will be showcased at the 2024 PCI Convention at the Precast Show, February 6-10, 2024, in Denver, Colo. and will be included in a supplement to *PCI Journal* and *Aspire* and the spring issue of *Ascent*. For more information, contact PCIDesignAwards@pci.org.

sus process. Kourajian has also been a member of the Research and Development Committee since 2001 and has served as member and chair of PCI industry advisory committees for numerous Daniel P. Jenny Research Fellowships and other research projects. He also served as a liaison between PCI and the *fib* (International Federation for Structural Concrete) Commission 6: Prefabrication from 2010 to 2018. Kourajian was instrumental in establishing the PCI Foundation Studio at the University of Minnesota–Duluth in 2016. In 2022, Kourajian received the PCI Foundation Partner of the Year Award for his contribution to the education of many civil engineering students at the University of Minnesota–Duluth.

John Lawler is a principal at Wiss, Janney, Elstner (WJE) Associates Inc. in Northbrook, Ill. He earned his PhD in civil engineering from Northwestern University in Evanston, Ill., in 2001 and joined WJE that same year. Lawler is serving his second term on PCI's Technical Activities Council. He is also a member of the Prestressing Reinforcement Committee and the Concrete Materials Technology Committee. He was chair of the latter committee from 2012 to 2016, and while chair, he oversaw publication of the second edition of the *Guidelines for the Use of Self-Consolidating Concrete In Precast/Prestressed Concrete*. He was a principal investigator for the recently completed PCI research project "Implementation of Ultra-High Performance Concrete in Long-Span Precast Pretensioned Elements for Concrete Buildings and Bridges" and a lead author on the *Guidelines for the Use of Ultra-High-Performance Concrete (UHPC) in Precast and Prestressed Concrete*. Lawler's

areas of specialization include concrete structural assessment, nondestructive testing techniques, corrosion testing, and corrosion service life modeling for new and existing structures in severe environments. Lawler has evaluated the condition of existing transportation, infrastructure, power, industrial, and governmental structures and addressed numerous corrosion and other concrete material problems, including issues specific to precast concrete, such as delayed ettringite formation, strength deficiencies, and environmental and chemical deterioration. He has developed repair/rehabilitation programs associated with many of these projects. In addition to his work related to UHPC, Lawler has led research programs investigating the field and laboratory performance of materials. This research has included studies of corrosion-resistant reinforcing steels, prestressing strand, and high-performance self-consolidating concrete optimized for durability.

Glenn Myers is principal technical professional for structural engineering of bridges and maritime structures at Atkins North America Inc. He is a licensed engineer and a former Florida certified general contractor with a bachelor of science degree in architectural engineering and a master of science degree in civil engineering specializing in structures, both from the University of Miami in Coral Gables, Fla. Myers has 44 years of experience, 38 of which have been with Atkins, centering on the design of highway and railroad structures, as well as underground tunnels; aerial guideways and stations for heavy rail, light rail, trolleys; and automated people mover transit systems. He has also led structural design review efforts for

2024 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 2024 PCI

Convention at the Precast Show, February 6–10, 2024, in Denver, Colo.

Nominations are being accepted through August 18, 2023. The criteria for this award and the nomination form are available online at https://www.pci.org/PCI/About/Awards/PCI_Fellows. For more information, contact Philip McConnell, PCI's coordinator of administrative services, at pmcconnell@pci.org.

2023 SIDNEY FREEDMAN CRAFTSMANSHIP AWARD CALL FOR ENTRIES

>> PCI is accepting entries for the 2023 Sidney Freedman Craftsmanship Award. Launched in 2012, the award recognizes PCI-certified plants for excellence in manufacturing and craftsmanship of architectural precast or glass-fiber-reinforced concrete structures and individual components. Any kind, size, or type of structure and/or element may be entered. Judging is based on success in overcoming obstacles

to production, solutions to formwork or finishing challenges, and quality of individual units. Therefore, entries should include source documents, shop drawings, production photos as well as finished project photos to fully demonstrate the complex solutions implemented for the project. For more information, visit <http://www.pci.org/SFCA>. The deadline for all entries is July 1, 2023.

the Federal Transit Administration, South Florida Regional Transportation Authority, Miami-Dade Transit, Florida Department of Transportation, and other transportation authorities. His love of precast, prestressed concrete began early in his career with the time dependent prestress loss and mixed torsion analysis of the double-tee girders used for 16 mi (26 km) of aerial guideway structure on the Metrorail Rapid Transit System in Miami. He also monitored the full-scale derailment load testing of the 80 ft (24 m) long double-tee guideway girders manufactured in Miami and transported to Skokie, Ill., for testing at what was then the Portland Cement Association labs in 1979. Myers is the past chair of the PCI Bridges Committee and a current member of the PCI Transportation Activities Council. He is the past chair of the Girder Stability Subcommittee, where he led the efforts to develop the *Recommended Practice for Lateral Stability of Precast, Prestressed Concrete Bridge Girders*. He was the principal author of the "Excel Calculator for Girder Stability" featured in the *User Manual for Calculating the Lateral Stability of Precast, Prestressed Bridge Girders*, a document that won the Leslie D. Martin Certificate of Merit Award in 2021. He has also volunteered as an advisor on several Jenny Fellowships and PCI research projects.

Richard Potts is the corporate vice president of engineering with Standard Concrete Products Inc. in Savannah, Ga. He is a graduate of the University of Tennessee, Knoxville, with a bachelor of science degree in civil engineering and post-graduate coursework in prestressed concrete design. Potts has more than 40 years of engineering experience. His engineering career started in consulting engineering before he made an early career shift to prestressed concrete engineering. Potts' service with PCI started with Georgia/Carolinas PCI, where he served as Bridge Committee chair and chair of the board of directors. He currently serves on the PCI Board of Directors and the Transportation Activities Council, and he has chaired both the Prestressed Concrete Piling Committee and the Pile Producers Committee. He also serves on PCI's Bridge Producers Committee, UHPC Bridge Subcommittee, and Chapter Representatives Committee. Potts frequently works with University of Georgia in Athens and Georgia Institute of Technology in Atlanta professors and students to educate them about the advantages of precast concrete. He has assisted several universities with prestressed concrete research projects

within his region, and he is a member of the American Society of Civil Engineers. Potts' favorite bridge projects as a supplier include segments D, E, and F construction of Interstate 285 around Atlanta; the Talmadge Memorial Bridge in Savannah, Ga.; the Interstate 85 Piedmont Viaduct original construction project in Atlanta; and the emergency repair of the Piedmont Viaduct after it collapsed due to fire in 2017. He has worked on other notable bridge projects such as the Mark Clark Expressway and Arthur Ravenel Jr. bridge projects, both in Charleston, S.C., and several spliced girder projects over the Intracoastal Waterway in Florida, Georgia, North Carolina, and South Carolina. Potts has also provided specialty engineering services for non-bridge-supply projects, such as the Kings Bay and Norfolk naval piers and U.S. Department of Energy storage structures at Savannah River Site.

Gregg A. Reese is one of the leaders of the Concrete Bridge Technology Unit as senior technical advisor at Modjeski and Masters Inc. He has worked in the field of structural engineering with a focus on bridge design and construction since 1983. His expertise is wide ranging, and he has been responsible for all engineering services involved in the design and construction of numerous buildings, as well as municipal and highway structures. He was the founder of Summit Engineering Group Inc., which was acquired by Modjeski and Masters in 2015. Over the past 39 years, Reese has provided design and construction engineering services to the bridge construction industry, with a focus on complex precast and prestressed concrete structures. His designs have received national awards for developing innovative technologies that have advanced precast concrete bridge construction, including the PCI Harry Edwards Industry Advancement Award in 2009. Reese has provided construction engineering services on numerous complex precast concrete, segmental, and cable-stayed bridge projects, including the design of temporary works, launching systems, and erection plans. He has also developed innovative construction technologies for longer-span, curved, and spliced precast concrete bridges. He was the principal author of PCI's *Curved Precast Concrete Bridges: State-of-the-Art Report*. He has been a member of PCI since 2009 and is also an active member of several other technical organizations, including the American Society of Civil Engineers, the Post-Tensioning Institute, the American Segmental Bridge Institute, and the American Concrete Institute. He is a past chair of the PCI Bridges Committee and a current member of the Stability,

2024 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

2024 PCI Convention at the Precast Show, February 6-10, 2024, in Denver, Colo. Visit https://www.pci.org/PCI/About/Awards/PCI_Medal_of_Honor for more information and nomination criteria. Nominations are being accepted through August 18, 2023, and should be sent to Philip McConnell, PCI's coordinator of administrative services, at pmcconnell@pci.org.

LRFD, and Spliced Precast Bridges Subcommittees as well as the Transportation Activities Council.

Christopher D. White is a structures senior technical advisor for Volkert Inc. in Houston, Tex. He has a bachelor of science degree in civil engineering from the University of Illinois, Urbana-Champaign, and master of science degree in civil engineering from the University of Texas at Austin. His research at the University of Texas involved instrumentation and testing of a precast concrete segmental bridge, and he has been involved in design and construction engineering for bridge structures ever since. White's resume of noteworthy U.S. projects includes the downtown San Antonio, Tex., Y project; the Sunshine Skyway Bridge over Tampa Bay, Fla.; the Roosevelt Bridge over the St. Lucie River in Stuart, Fla.; the Big Dig Central Artery/Tunnel project in Boston, Mass.; the Kentucky Lakes arch bridge in Land Between the Lakes, Ky.; and the Lake Pontchartrain Safety Bay Project in Louisiana. Internationally, he participated in projects along the Trans-Israel Highway and for Panama Metro Line 2 in Panama City, Panama. White has been an active member of PCI since 2000. He was principal author for chapter 20, "Prestressed Concrete Piling," for the *PCI Bridge Design Manual* while at the same time serving as assistant principal investigator for National Cooperative Highway Research Program Project 12-57 to develop load-and resistance-factor design (LRFD) procedures, standard details, and design examples for extending span ranges with spliced, prestressed concrete girders and post-tensioning. He has served as chair of the PCI Prestressed Piling Committee as well as the American Association of State Highway and Transportation Officials' (AASHTO's) LRFD Specifications Review and Implementation Subcommittee. As an active member of the PCI Bridges Committee for the past 20 years, he has provided ongoing support to the AASHTO Technical Committee on Concrete Design (T-10). He currently serves as chair of the PCI Bridges Committee. White is a past member of the American Concrete Institute 318F Foundations Subcommittee and currently serves on the American Segmental Bridge Institute (ASBI) Technology and Innovation Design Subcommittee and the joint Post-Tensioning Institute/ASBI DC-40 Bridge Design Committee.

Michael Wolff is vice president of safety and quality for Mid-States Concrete Industries in South Beloit, Ill., where he has spent the past 16 years. Wolff is especially proud that Mid-States Concrete received a Safety & Health Achievement Recognition Program Award from the Occupational Safety and Health Administration (OSHA). Wolff has been a member of PCI since 2007 and has served on nine PCI committees. He currently is the chair of both the Plant Certification and QA Supplier Committees and vice chair of the Quality Activities Council. He was instrumental in developing the QA Supplier Committee, which has created multiple educational products for PCI members, including the Coil Insert Alert and Webinar, the Ring and Clutch Inspection Webinar, and Rigging Inspection Criteria. Wolff also serves as president of the PCI of Illinois and Wisconsin chapter and is an active certified company auditor for PCI. He is an OSHA-authorized trainer for general industry and construction and has developed safety internship positions for students within Mid-States while serving on the University of Wisconsin-Whitewater Safety Construction Advisory Board. Wolff has a bachelor of science degree in business from Upper Iowa University in Fayette and an MBA from University of Wisconsin-Whitewater.

New webinars added to PCI eLearning Center

The PCI eLearning Center has added to its collection of more than 50 free webinars. Some of these courses have continuing education credits available.

New webinars include "PCI Production Management Workshop 12: Developing and Mentoring Personnel;" "PCI Market Survey Results and Forecast;" "Guidelines for the Use of Ultra-High-Performance Concrete (UHPC) in Precast and Prestressed Concrete," worth 1 PDH and 1 HSW/LU; "Production Workshop 11: Building a Plant Culture: Setting Expectations and Establishing Accountability;" and "PCI Production Management Workshop 10: Defining What a Good Culture Looks Like."

RESEARCH FELLOWSHIP CALL FOR APPLICATIONS



The PCI Research and Development Council is soliciting applications for the 2023/24 Daniel P. Jenny Research Fellowships and the Dennis R. Mertz Bridge Research Fellowship programs. The fellowship awards consist of grants of up to \$50,000 and are anticipated to advance the precast concrete industry through the financial support of graduate engineering students and re-

search. Ancillary award benefits include engaging faculty in the precast concrete industry, introducing students to the benefits of precast concrete, and connecting students, faculty, and PCI members for future networking opportunities.

Applications are due August 14, 2023. Complete information is available at <https://www.pci.org/Fellowships>.

ElSafty recipient of 2023 Distinguished Educator Award

Adel ElSafty, a distinguished professor who served as the coordinator of the Civil Engineering Program at the University of North Florida (UNF) in Jacksonville, received the 2023 PCI Distinguished Educator Award in February at the 2023 PCI Convention at the Precast Show in Columbus, Ohio.



Adel ElSafty

ElSafty's research interests include bridge engineering, prestressed concrete, fiber-reinforced polymers, and structural rehabilitation and strengthening. He was a founding faculty member of the Civil Engineering Department at the Florida State University, Panama City, campus. In 2018, he was named the UNF Distinguished Professor.

As a member of the PCI Foundation, ElSafty has been the chair of the Academic Council and a member of its board of trustees. ElSafty was also awarded a PCI Foundation grant to establish its first engineering design studio in 2009. In 2015, he was named PCI's Educator of the Year.

ElSafty received bachelor and master of science degrees in civil and structural engineering, respectively, from Cairo University in Egypt; an MBA from the University of North Florida in Jacksonville; and a PhD in civil engineering from North Carolina State University in Raleigh, N.C. He is a licensed engineer in Florida and Ontario, Canada.

Latest Project Precast Design Competition draws top university students

In only its fourth year for the innovative Project Precast design competition, the event attracted more students, more sponsors, and more presentation attendees.

The 2023 project was to use precast concrete to build a community in-reach center to serve the needs of a transitioning and historic community. Given just 48 hours to



Marty McIntyre, executive director of the PCI Foundation; Brady Andrus of Minnesota State University, Mankato; Elizabeth Rodriguez of Kennesaw State University in Kennesaw, Ga.; Ajay Baniya of the University of Delaware in Newark; Ethan Lowndes of Washington University in St. Louis, Mo.; and Paul Ramsburg of Sika hold the prize check for the Project Precast competition at the 2023 PCI Convention in Columbus, Ohio. Courtesy of Bill Brymer, PCI Foundation.

create the design, teams from universities across the United States met for the first time in February at the 2023 PCI Convention at the Precast Show in Columbus, Ohio. Six teams of four students each from architecture, engineering, and construction management studies and coaches from the industry's top precast concrete producers and suppliers participated.

The overall prize-winning team got \$4000, the People's Choice award was \$2000, and the new WOW Award was \$500. Students were chosen by application and a draft selection process, and all of their expenses were paid to come to Columbus.

"The students had no idea what their project was, nor had they ever met the industry mentors or other members of their teams before they arrived in Columbus," says Marty McIntyre, PCI Foundation executive director based in Chicago, Ill., and creator of the competition. "This competition is exceeding all our expectations."

Beyond the 48 hours to research and design the in-reach project, students were also expected to complete a one-page summary, prepare a 15-minute PowerPoint presentation, go through a brief presentation training, and present their final design to an audience of more than 130 on Friday afternoon of The Precast Show.

The overall sponsor was Sika, with Paul Ramsburg involved as the supplier expert, moderator, and a member of the jury.

The overall winner of Project Precast was Team Metromont, which consisted of Ajay Baniya of the University of Delaware, Brady Andrus of Minnesota State University

Six teams competed in the 2023 Project Precast competition in February at the PCI Convention in Columbus, Ohio. Courtesy of Bill Brymer, PCI Foundation.



Mankato, Ethan Lowndes of Washington University, and Elizabeth Rodriguez of Kennesaw State University.

The People's Choice Award, sponsored by Hamilton Form, was selected by the presentation audience. Team Wells, which won the People's Choice Award included Kenny J. Olsen of the University of Delaware, Armin Saadegh-Vaziri of the New Jersey Institute of Technology, Bailey Kijek of Kennesaw State University, and Luke Duarte-Silva Barry of University of Colorado Denver.

The new WOW Award, chosen by the PCI Foundation, is intended for the student who stands out on an individual basis. This year's inaugural award recipient was architecture major Chase Rogers of Kennesaw State University.

Other team sponsors were CEG, Clark Pacific, Coreslab, and Tindall.

The next Project Precast competition will be held February 6–9, 2024, at the 2024 PCI Convention at The



Marty McIntyre, PCI Foundation executive director, left, presents the check for \$500 to Chase Rogers of Kennesaw State University in Kennesaw, Ga., with Paul Ramsburg of Sika on the right. Rogers won the new WOW award. Courtesy of Bill Brymer, PCI Foundation.

Precast Show in Denver, February 6–10, 2024. Details will be posted at [PCI-Foundation.org](https://www.pci-foundation.org), and student applications for Project Precast 2024 can be found at <https://www.pci-foundation.org/students>.

ENGINEERING AND BRIDGES ARE IMPORTANT PART OF THE STUDIO MIX

Because this issue of *PCI Journal* focuses on bridges, it seems like a good time to remember that although the first PCI Foundation grants were provided to schools of architecture, many of the grants in the past 20-plus-year history of our group have focused on bridge design. The PCI Foundation Board of Trustees strives to have the foundation's programs reflect our industry and help all segments of our industry grow.



Greg Force
PCI Foundation
Chair

In awarding grants, the PCI Foundation works very closely with a local partner as well as a school, so if the local precast concrete partner finds a bridge- or engineering-focused university program that it would like to work with, the pre-caster should bring them to the Professors Seminar to see how some other engineering programs have been structured. Out of the 24 current grant programs being funded, half include an engineering component as part of an integrated program and three focus solely on engineering.

Following are some examples of how different programs run their studios:

- At the California State University, Sacramento, Eric Matsumoto makes bridges the

main focus of the classes, with students partnering with mentors from the California Department of Transportation and engineering consultants to work on bridge designs during the semester.

- At the University of Alabama, Professor Sri Aaleti introduces two one-month-long design projects into his new prestressing class. One project is bridge design and the other is a mixed-use building with parking. The students also compete in the Big Beam Contest as part of the program.
- At the University of Massachusetts Amherst, Sergio Breña offers a two-course sequence focusing on precast, prestressed concrete design of buildings and bridges. The first course in the sequence covers basic precast, prestressed concrete concepts as applied to a typical precast concrete building followed by a precast, prestressed concrete bridge design course.

Each school program is unique, which is an advantage offered by a PCI Foundation Grant. Because we don't require a cookie-cutter format, we have been able to work with the professors' areas of expertise and focus on products and markets that most interest local producers.

PCI's CALENDAR

Events

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

PCI Productivity Tour Charlotte, N.C.	May 1-3, 2023
2023 PCI Northeast Meeting Westbrook, Conn.	May 9-10, 2023
PCI West 2023 Summer Board Meeting Woodland, Calif.	May 24, 2023
PCI Marketing and Sales School Renaissance Chicago O'Hare Suites Hotel, Chicago, Ill.	June 1-2, 2023
Georgia/Carolinas PCI Summer Meeting Hilton Head Island, S.C.	June 14-16, 2023
2023 PCI Board of Directors Meeting Indianapolis, Ind.	June 20-23, 2023
PCI of Illinois & Wisconsin Summer Meeting Grand Geneva Resort, Lake Geneva, Wis.	July 11-12, 2023
Florida Prestressed Concrete Association Summer Meeting Charlotte Harbor, Fla.	July 27-30, 2023
PCI Gulf South Summer Convention Fairhope, Ala.	July 27-30, 2023
PCI Mid-Atlantic Summer Membership Meeting Annapolis Waterfront Hotel, Annapolis, Md.	August 3-4, 2023
2023 PCI Northeast Meeting Graduate Providence, Providence, R.I.	September 18-19, 2023
2023 PCI Committee Days Conference Tampa, Fla.	October 4-8, 2023
PCI Gulf South 2023 Winter Meeting Biloxi, Miss.	November 7-8, 2023
PCI West 2024 Annual Board Meeting World of Concrete, Las Vegas, Nev.	January 24, 2024
Florida Prestressed Concrete Association Winter Meeting Orlando, Fla.	January 30-31, 2024
2024 PCI Convention at The Precast Show Denver, Colo.	February 6-10, 2024
PCI West 2024 Summer Board Meeting Woodland, Calif.	May 22, 2024
2024 PCI Board of Directors Meeting Jackson Hole, Wyo.	June 4-6, 2024
2024 PCI Committee Days Conference Nashville, Tenn.	September 23-27, 2024
2025 PCI Convention at The Precast Show Denver, Colo.	February 3-7, 2025

PCI names new board of directors members

In February at the 2023 PCI Convention at The Precast Show, PCI welcomed new board members and said goodbye to the outgoing board members.

Incoming Board Members are Carlos Cerna as secretary/treasurer, Evan Fink as producer member director of PCI Mid-Atlantic, Brian Miller as supplier associate member director, James Miller as producer member director, Richard Miller as technical activities institute program director, Diep Tu as regional council representative, and Mike Wolff as quality activities institute program director.

Outgoing board members are Dennis Fink, Daniel Eckenrode, Harry Gleich, Matt Graf, Bob Sheehan, and Gary Wildung.

PCI hiring managing director of quality programs

PCI is seeking to hire a managing director of quality programs to start October 1, 2023. The person who takes on this role is responsible for maintaining all PCI certification programs by ensuring program policies are in accordance with industry standards, ensuring established policies are followed appropriately, and representing programs within the industry.

Among the managing director of quality programs' responsibilities are managing PCI Quality Programs for plant, erector, and personnel certification; managing PCI's International Accreditation Service status; managing the creation and maintenance of quality control manuals; driving specification of PCI's certification program by code-writing bodies and specifying agencies; and serving as staff liaison to various PCI committees.

Applicants must have a bachelor's degree in engineering or construction management and be a licensed engineer and a minimum of 10 years of experience in the concrete or construction industry.

Interested applicants may send a cover letter and resume to Beth Taylor, chief financial and administrative officer, at btaylor@pci.org.

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 coordinator, Lauren Bell, at lbell@pci.org or (312) 583-6775. Registration forms are available at https://www.pci.org/qc_schools.

Levels I and II	May 10-12, 2023 June 26-29, 2023 July 25-27, 2023 September 18-21, 2023 October 25-27, 2023 November 13-16, 2023	Chicago, Ill. online Lancaster, Pa. online Nashville, Tenn. online
Level III	May 9-12, 2023 August 14-17, 2023 October 24-27, 2023 December 11-14, 2023	Chicago, Ill. online Nashville, Tenn. online
Certified Field Auditor	September 11-14, 2023	online
Certified Company Auditor	September 15, 2023	online

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