

FROM PCI HEADQUARTERS

PCI launches new online renewal system for members

Renewal season is just around the corner, and PCI has launched a new online renewal system for members. Members will receive a renewal reminder via email that includes important due dates. For more information, send queries to membership@pci.org.

PCI Mid-Atlantic names Reed new executive director

The Board of Directors of PCI Mid-Atlantic has appointed Gary Reed as the chapter's new executive director.

Reed comes to PCI Mid-Atlantic with more than 30 years of precast concrete industry experience. He has worked for several Mid-Atlantic producers, including Nitterhouse Concrete Products, High



Gary Reed

Concrete Group, and Universal Concrete Products, and his background includes market development and program management and precast concrete project design-assist experience with owners, architects, and designers.

Lopez added to certification staff as program coordinator

Carolina Lopez was recently hired as PCI's certification programs coordinator. She comes to PCI after a 17-year career at Fitch Ratings, where she worked in the U.S. public finance healthcare sectors as an administrator.

In her new position, Lopez will perform various activities within PCI's certification and audit programs.

Lopez attended the University of Illinois at Urbana-Champaign, with continuing education courses at Moraine Valley Community College in Palos Hills, Ill.



Carolina Lopez

2020 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/prestressed 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 nom-

inations for PCI Fellows, to be awarded during the 2020 PCI Convention in partnership with The Precast Show, March 3-7, 2020, in Fort Worth, Tex. 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. Nominations are being accepted through August 2, 2019.

2020 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/prestressed 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 2020 PCI Convention in partnership with The Precast Show, March 3-7, 2020, in Fort Worth, Tex. Visit https://www.pci.org/Submission_Center for more information and nomination criteria. Nominations are being accepted through by August 2, 2019, and should be sent to Arelys Schaedler, PCI's executive assistant, at aschaedler@pci.org.

PCI makes membership department changes

Trice Turner and Chris Hurst have accepted new roles in PCI's membership department. Turner now serves as the business development manager, and Hurst is the membership project manager.



Chris Hurst



Trice Turner

In her new role, Turner will continue to be the lead for business development and will also serve as staff liaison to Leadership PCI, the Industry Diversity Committee, and the Member Recruitment Committee.

Hurst will continue to lead the annual renewal process and membership engagement as well as work with Mike Smith, business intelligence manager, and Cody Kauh, web developer, as PCI's iMIS project manager. In addition, he will serve as staff liaison to the Member Engagement Committee and will assist Turner with the Member Recruitment Committee and Beth Taylor, CFO, as the primary liaison to the Membership Council.

Joint safety committee formed by PCI, NPCA

On February 27, 2019, at the PCI Convention in partnership with The Precast Show in Louisville, Ky., the inaugural Joint PCI/NPCA Safety Committee meeting was held.

OPT IN OR OPT OUT?



Opt in, of course!

At the PCI Board of Directors meeting at the PCI Convention in Louisville, Ky., the board approved including a suggested minimum contribution to the PCI Foundation in your company's annual dues statement. To be clear, the suggested contribution amount is a percentage of your dues based on the size of your company. You've received your dues statement by now, and the PCI Foundation contribution is totally voluntary. You can either opt in at the suggested amount (or *any* amount that works for you), or opt out and give nothing. I, along with the entire PCI Foundation Board of Trustees and PCI Board of Directors, am rooting for the former!

For those lucky enough to attend the Business Meeting Luncheon in Louisville, you heard a stirring and compelling story from Doug Noble, a professor at the University of Southern California. He has run a PCI Foundation studio there for several years, and it has been wildly successful with his students. Indeed, these days his studios must turn away many students who just couldn't get in! I asked him to speak to our members and share his experiences, and to my surprise, he began his remarks by saying, "PCI, you have a problem!"

He went on to share his long and impressive curriculum vitae, for the sole reason of pointing out that before the PCI Foundation arrived at USC, he knew little or nothing about precast



Jim Voss

PCI Foundation
Chairman

concrete. (Even with all of his academic achievements, he had hardly heard of precast concrete.) Because of the PCI Foundation, he now knows a *lot* more and *loves* precast concrete. No kidding. His point was that very few schools know much about precast concrete and that we ought to do something about it. Amen to that. To date, his program has turned out dozens of architectural students who are now in the workforce with a solid grasp and understanding of precast concrete. The best part is that they love it. I'm told that one student who works at an architectural firm in southern California actually came back to revisit reference points in the studio that he wanted to use in a project. You can't make this stuff up!

This same enthusiasm by professors and students alike has been duplicated in literally every school that has had a studio. That's 24 schools across the country, with about 2400 students learning about precast concrete, who are now in the workforce.

If only each and every one of you could see the sparkle in these students' eyes when they're on a field trip to the precasting yards, getting their hands dirty. They are thoroughly impressed with what can be done with precast concrete. These students are our present *and* future!

Ladies and gentlemen, these activities and their stunning results are being done on *your* behalf to make *our* industry grow! And it's working! Please be a part of this growth and enlightenment of our industry. *Opt in!*

The meeting was attended by Anthony Gentry, PCI's Plant Safety and Environmental Committee chair; Jon Grafton, PCI's director of operations services; Chuck Piwowarski, the National Precast Concrete Association (NPCA) Safety Committee chair; and Andi Pierce, NPCA plant certification manager. Committee members shared safety resources, such as toolbox talks and safety videos. Member engagement in annual safety surveys was reviewed, and the concept of comparing aggregate safety data could help both PCI and NPCA obtain a better overall view of safety in members' plants. The joint committee will meet twice annually by phone and once annually in person at the PCI Convention to continue these discussions.

2019 PCI Convention hosts variety of education sessions

The Business Performance Council sponsored five education sessions at the PCI Convention in partnership with The Precast Show in Louisville, Ky.

The new PCI Risk Management Program was presented in two sessions by four representatives from the Esser Hayes Insurance Group. This new program is available to all PCI producer and erector members. For anyone unable to attend either of these sessions, a video recording of the second session is available under Business Resources in the Members Only section of the PCI website at PCI.org. For more information on this new program, contact Jon Grafton, PCI's operations services director, at jgrafton@pci.org.

Again this year, two sessions titled "Innovations in Precast" were held on February 28 and March 1. Seventeen associate members took part in these educational sessions by presenting their companies' latest innovations for the precast concrete industry. Both sessions were very well attended and it is intended to post the presentations in the Members Only section of the PCI website.

Brad Parrott of Hudson, Parrott and Walker also presented "The Anatomy of a False Claim and the Whistleblower." The first portion of the presentation introduced the False Claims Act and how it can affect members doing work on federally funded projects. The second portion continued the discussion with an open question-and-answer period.

INTRODUCING THE PCI INDUSTRY DIVERSITY COMMITTEE

>> We are pleased to introduce a newly formed PCI Industry Diversity Committee. The committee's membership includes a truly diverse group of PCI members who are driving this initiative with passion and commitment and developing the committee's mission and goals.

The Industry Diversity Committee's mission is to promote a culture of diversity and inclusion among PCI members and their companies. Diversity is more than the observable attributes of a person's age, race, gender, or physical abilities; it is the mixture of values, beliefs, experiences, background, preferences, and behaviors related to the individual.

One of our goals is to suggest a diversity strategy initiative for PCI. We are hopeful that this initiative will resonate with our members so much that they adopt it as their own. This initiative aligns with goal 3 of the PCI strategic plan: to enhance members' businesses in workforce development, safety, operations, and business relationships.

Another goal is for our committee's work to provide a platform to convey our industry's ongoing relevance and strength by fostering collabora-



Rokšana Taghizadeh
PCI Industry
Diversity
Committee Chair

tion—within PCI councils and committees as well as the broader industry—from a diverse group of contributors across disciplines. This collaboration will lead to more creative solutions and the identification of more opportunities for PCI members, and as the committee develops resources to help identify our industry's current demographics, it will help us recognize strengths and weaknesses and set some long-term goals and time lines.

To join the effort, please consider doing any of the following:

- Attend our Industry Diversity Committee meetings at PCI Committee Days and Technical Conference featuring the National Bridge Conference and at the annual PCI Convention in partnership with The Precast Show.
- Contact membership@pci.org to receive the minutes from the Industry Diversity Committee meetings.
- Incorporate a diversity strategy within your company.
- Share your diversity strategy with the committee at membership@pci.org.

We look forward to your active participation in this initiative. Together, we can be a positive force in the manufacturing and construction sectors by demonstrating commitment to equal access to opportunities and resources.

Professors Seminar headed to North Carolina in May

Every year, the PCI Foundation offers the Professors Seminar for architecture professors who wish to learn more about precast concrete design and how it can be taught in the university classroom or studio. This year, the program will be a three-day intensive workshop that will include instruction from college professors already teaching precast concrete as part of grants received from the PCI Foundation, precast concrete industry experts, and architects with precast concrete design experience.

The program runs from May 21 to 23, 2019, at North Carolina State University in Raleigh, N.C. Professors will learn

the basics of precast concrete design for buildings and will be given tools that will assist them in teaching precast concrete concepts to students. In addition, the topics of integrated programs and partner relationships will be covered. At the end of the program, professors will receive Precast in a Box, a resource designed to offer professors a selection of teaching tools that they can select to use in the classroom.

Content provided to professors interested in teaching precast concrete design will include videos, books, case studies, precast concrete details, and other relevant materials. Many of the PCI Foundation-sponsored programs have offered integrated courses with either engineering or construction management departments. The program is free to qualified attendees. For more information, contact Marty McIntyre, executive director of the PCI Foundation, for more information at (708) 386-3715 or info@pci-foundation.org.



During the 2018 Professors Seminar, attendees toured St. Louis Prestress to learn more about the precast concrete fabrication process. Courtesy of Marty McIntyre.

2020 MARIO J. BERTOLINI LEADERSHIP AND INNOVATION AWARD CALL FOR NOMINATIONS



To honor the legacy of Mario J. Bertolini, an icon of the precast/prestressed 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 2020 PCI Convention in partnership with The Precast Show, March 3-7, 2020, in Fort Worth, Tex. Nominations for this award should include a letter identifying the spe-

cific characteristics and qualifications of the candidate, including examples that meet the award criteria. The official nomination form must be completed and included with this letter. A nomination form is available at https://www.pci.org/Submission_Center. For more information, contact Arelys Schaedler, PCI's executive assistant, at aschaedler@pci.org. Nominations are being accepted through August 2, 2019.

Board revises producer member renewals

Following the recommendations of the Board Task Group on Funding, the PCI Board of Directors adopted several new provisions for 2019 producer member renewals.

Effective July 1, 2019, for one year, a per-plant fee after discount will fund the direct audit costs per the Ross Bryan Associates contract, including an annual inflation factor of the consumer price index plus 1%; a cost-of-living PCI staff adjustment factor of 1.5% was added to all current fee formula rates; a new factor of 0.00133168 will be applied to the first \$500,000 in declared sales; and all erector sales shall be included in declared sales. The erector sales include projects that are self-erected, subcontracted to a PCI-certified erector, and subcontracted to a noncertified erector.

The Funding Task Group plans to continue its work under the leadership of Keith Wallis, chair, to explore revamping the dues and fees formulas to reflect consolidation in the industry and provide long-term stability to support PCI's strategic plan.

Team Tindall takes first in Project Precast competition

Project Precast, a design competition that brought college and university students together with industry mentors, made its debut at the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky. Sika sponsored the competition, in which students had to design a Kentucky-themed, four-stall horse barn using precast concrete.

The winning team consisted of Lori North, an architecture student from Clemson University; Kinga Pabjan, a master's candidate in construction at Washington University in St. Louis; and Fernanda Arce, an engineering student from the University of Arizona. Tindall Corp. sponsored the team, which was led by mentor Rob Smith.

"This was a very strong submission," the jury wrote about the winning project from Team Tindall. "The jury appreciated the modified gambrel massing and the open space on the first level. . . . The connection between interior and exterior through a large operable door was a powerful design move. Details about

2019 PCI EDUCATOR AWARDS CALL FOR NOMINATIONS

>> PCI's educator awards program recognizes the work of academic professionals who exhibit a commitment to precast/prestressed concrete in their graduate and undergraduate classrooms. Nominations must include recommendation letters, an updated curriculum vitae or resume, and additional information. A PCI Distinguished Educator and PCI Educator award are available. The awards will be presented at the 2019 PCI

Committee Days and Technical Conference featuring the National Bridge Conference, September 25-28, 2019, at the Loews O'Hare in Rosemont, Ill., and nomination forms must be submitted by July 1, 2019. Nomination forms are available online at <http://www.pci.org/educator>. For more information about the educator awards program, contact Sherrie Nauden, continuing education senior manager, at snauden@pci.org.

LEADERSHIP PCI CALL FOR NOMINATIONS

>> PCI's flagship leadership program, established on the occasion of PCI's 50th anniversary, is opening the nomination period for the next Leadership PCI class. Each year a class of about 12 outstanding individuals is selected from candidate nominations submitted by PCI member organizations. Each new class begins at the PCI Convention, during which class members take part in program initiation, committee meetings, and other convention activities. During the subsequent year, class members are committed to a program of development activities, culminating in a graduation ceremony at the subsequent convention.

The next class starts at the 2020 PCI Conven-

tion in partnership with The Precast Show, March 3-7, 2020, in Fort Worth, Tex. Any PCI member organization can submit a candidate for Leadership PCI by completing and submitting an application, available in the Members Only section of PCI.org. Applications are due by September 1, 2019.

The program fee is \$2500 per participant. By submitting a nomination form, the sponsor agrees to be billed the program fee should his or her candidate be accepted into the program. The program fee is due before the 2020 PCI Convention. For more information about the educator awards program, contact Trice Turner, business development manager, at tturner@pci.org.

transportation and packing were strong. The visual appearance of happy horses in the renderings was compelling.”

The jury reviewing the projects included Doug Noble, architecture professor at the University of Southern California; Paul Ramsburg of Sika; and Harland Argo of Heritage Farms in Lexington, Ky. “The projects represent truly amazing work for only having 30 hours,” the jury wrote. “The teamwork shown by groups of students representing universities across the country and from a variety of majors was impressive. The jury was eventually able to achieve consensus, but there were strong differences and our review work was continuing even as the awards ceremony was already underway.”

Students who participated in the competition 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 Louisville. Metromont, Spancrete, Lombard Architectural, and CEG also sponsored Project Precast teams.

Team CEG, led by mentor Mike Malsom, received an honorable mention. The team included Taili Zhuang and Jairo Laverde from Washington University in St. Louis and Ismail Kuzucu from the University of Arizona. Team Lombard, which received the Audience Choice Award, was led by Joe Lombard and made up of Brendon Bangert from Southern Illinois University–Carbondale, Tanmay Vasishta from Colorado State University, and Emily Phinney from the University of Minnesota at Duluth. Team Metromont included Edward Alexander McAbee from Clemson University, Mohammed Hassan from the New Jersey Institute of Technology, and Alex Fiebigler from Minnesota State University. Team Spancrete included Alexis Raiford and Rachel Madryga from Washington University and Ali Shokrgozar from Idaho State University.

2019 PCI Fellows recognized at convention in Louisville

The Board of Directors recently named five members PCI Fellows, honoring them for outstanding contributions to PCI and to the precast concrete structures industry.

The new PCI Fellows are Suzanne Aultman, Amir Fam, Lee Lawrence, Clay J. Naito, and Arturo Ernest Schultz. They were



Team Tindall works on its project with mentors from Tindall Precast as part of the first-ever Project Precast design competition at the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky.

Courtesy of Bill Brymer.

honored February 28 at the PCI Annual Membership Meeting and Luncheon during the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky.

Suzanne Aultman is the technical manager for Metromont Corp. in Greenville, S.C. Within Metromont, Aultman manages standards and codes, research and development, and sales engineering and provides oversight for the day-to-day engineering operations at all locations. She organizes and teaches classes to Metromont engineers as well as engineers from many other precasters and subengineering firms. A member of the 2009 Leadership PCI class, Aultman currently serves on the Technical Activities Council, the Research and Development Council, the Standards Committee (as vice chair), the Design Specification Committee, the Blast and Structural Integrity Committee, and the PCI Academy Advisory Board, and as a consulting member of the ninth-edition Industry Handbook Committee. She served on the Blue Ribbon Review Committee for the seventh-edition *PCI Design Handbook: Precast and Prestressed Concrete* and was a member of the



Suzanne Aultman

2019 NORMAN L. SCOTT PROFESSIONAL ENGINEER AWARD CALL FOR NOMINATIONS

>> Nominations for the Norman L. Scott Professional Engineer Award, to be presented at the 2019 PCI Committee Days and Technical Conference featuring the National Bridge Conference, September 25–28, 2019, at the Loews O'Hare in Rosemont, Ill., should be submitted via mail by

July 1, 2019, to PCI Headquarters, Attn: President's Office, 200 W. Adams Street, Suite 2100, Chicago, IL 60606 or by or by email to Laura Bedolla, PCI's technical services program manager, at lbedolla@pci.org. An official application form is available at https://www.pci.org/Submission_Center.

eighth-edition Industry Handbook Committee. She has also served on many Daniel P. Jenny Fellowship Advisory Committees. Within ACI, Aultman chairs the ACI 550 Precast Structures Committee and is a member of the ACI 362 Parking Structures Committee. She has served with Engineering Ministries International in India, Guatemala, and Jordan, using her engineering knowledge and skills to help design safe, quality structures built with local materials for various organizations. In 2009, she was named the National Society of Professional Engineers Young Engineer of the Year. In 2010, she received the Clemson University College of Engineering Outstanding Young Alumni Award. Aultman has also been an adjunct professor at Clemson University, teaching prestressed concrete design.

Amir Fam is the associate dean (research) in the Faculty of Engineering and Applied Science and the Donald and Sarah Munro Chair Professor in Engineering and Applied Science in the Department of Civil Engineering at Queen's University in Kingston, ON, Canada, and a Queen's University Senator. He is a co-editor-in-chief of the *Canadian Journal of Civil Engineering* and the senior vice president and treasurer of the International Institute for FRP in Construction (IIFC). Fam held the Canada Research Chair in Innovative and Retrofitted Structures (tier II) from 2003 to 2013. He is a Fellow of the Canadian Academy of Engineering, the Canadian Society of Civil Engineering, the Engineering Institute of Canada, the American Society of Civil Engineers, the American Concrete Institute, and the IIFC, as well as a member of the Royal Society of Canada's College of New Scholars, Artists and Scientists. His awards include the Ontario Early Researcher Award, the Queen's Chancellor's Research Award, the T. Y. Lin Award from the American Society of Civil Engineers (ASCE), the NSERC Discovery Accelerator Supplement, and the Civil Engineering Teaching Award. Fam is a researcher in the areas of structural engineering using fiber-reinforced polymer (FRP) reinforcements and biobased composites in new construction and in retrofitting aging bridges and buildings. He is the project leader of a \$4.2 million Canada Foundation for Innovation project at Queen's University to build the first and only



Amir Fam

moving load simulator for testing highway bridges in Canada. Within PCI, Fam serves on the Prestressed Concrete Poles Committee, the FRP Composites Committee, the Journal Advisory Committee, and the Journal Awards Committee, which he currently chairs.

Lee Lawrence is the director of Wiss, Janney, Elstner Associates' South Region and Practice Development Function in Austin, Tex. Prior to joining WJE, he worked for the Texas Department of Transportation, where he was the director of the precast concrete branch of the materials and tests division. His career to date has focused primarily on the design, construction, assessment, and repair of precast and cast-in-place concrete structures. Lawrence has been a member of PCI since 1994. He has served on several committees over the years and is a longtime member and former chair of the Concrete Materials Technology Committee. As chair, he led the revision process for the new self-consolidating concrete guidelines. He contributed to the revision cycle and final technical editing of the fourth edition of PCI MNL 116, *Manual for Quality Control for Plants and Production of Structural Precast Concrete Products*. He also served on the Technical Activities Council for two terms and is currently a member of the Research and Development Council.



Lee Lawrence

Clay Naito is a professor at Lehigh University in Bethlehem, Pa., where he teaches prestressed concrete design and conducts industry-related testing projects. Naito's research endeavors include the PCI/National Science Foundation-funded development of a seismic design methodology for precast concrete diaphragms, integration of self-consolidating concrete for use in precast concrete bridge beam production, evaluation of bond mechanics for prestressed elements, implementation of welding methods for embedded connections in precast concrete elements in harsh weather conditions, examination of blast resistance of precast concrete cladding and development of new response limits for these systems, development of new flange-to-flange connections for precast concrete diaphragms, and development of fatigue assessment strategies for flange-



Clay Naito

2019 SIDNEY FREEDMAN CRAFTSMANSHIP AWARD CALL FOR ENTRIES



PCI is accepting entries for the 2019 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. For more information, visit <http://www.pci.org/SFCA>. The deadline for all entries is July 1, 2019.

to-flange connections subject to vehicle loads. Naito has been a member of the PCI Technical Activities Council since 2010, chairs the PCI Blast Committee, and serves on many other PCI committees, including the eighth-edition Industry Handbook Committee and the Blue Ribbon Review Committee for the seventh-edition *PCI Design Handbook*. He is heavily involved with the PCI Diaphragm Project and Fatigue Project. Naito also actively participates in and promotes the Big Beam Contest, which he has participated in eight times, with a first-place win for his team in 2013. He received the George D. Nasser award in 2012 and the Charles C. Zollman Award in 2005 and 2009 in recognition of his research achievements and is a recipient of the PCI Young Educator Award and PCI Distinguished Educator Award.

Arturo Schultz is a professor in the Department of Civil, Environmental and Geo- Engineering at the University of Minnesota–Twin Cities. He teaches and conducts research in structural engineering with a focus on concrete, masonry, and steel buildings and bridges. At the University of Minnesota, Schultz has taught intermediate concrete design to undergraduate and master's students. He has also been active in delivering local and regional seminars to practicing engineers on the design of precast/prestressed concrete structures. His *PCI Journal* papers have garnered the 2014 Charles C. Zollman, 2012 Martin P. Korn, and 2010 George D. Nasser Awards, and he has received several Daniel P. Jenny Fellowships. Schultz's early work in the Precast Seismic Structural Systems (PRESSS) program documented the performance of a variety of connection details for vertical and horizontal joints in precast concrete shear walls. He was the first investigator to test unbonded, post-tensioned connections for the jointed design of rocking precast concrete shear walls, as well as grouted splice sleeve connections, for the emulation design of precast concrete shear walls. Schultz recently demonstrated by experiment and analysis the factors affecting the poor shear performance of some deep hollow-core slabs, including the influence of production method and concrete mixture design. He has also investigated the deflection performance of L-shaped spandrel beams in precast concrete parking structures under both short- and long-term loading. His interest in precast concrete spandrels included the stability analysis of the pedestrian bridge at Kennesaw State University in Georgia that received the 2005 PCI Design Award for Best Non-Highway Bridge. Schultz serves on a number of PCI committees and councils, including the Seismic Committee, the Blast Resistance and Structural Integrity Committee, the Hollow Core Producers Committee, the Journal Advisory Committee, the Standards Committee, and the Research and Development Council.



Arturo Schultz

GCP Applied Technologies gets Associate Member Award

The 2019 PCI Associate Member Award went to GCP Applied Technologies, a key strategic supplier and partner to many leading companies, providing specialty construction chemicals as well as specialty building products and services. This award is presented each year to an associate member in recognition of significant contributions to PCI and the precast/prestressed concrete industry over a period of years.

During 2018, GCP Applied Technologies repeatedly demonstrated its commitment to PCI through its sponsorships and support of the PCI Convention and National Bridge Conference, PCI Committee Days and Membership Conference, the Big Beam Student Competition, and The Tour. GCP Applied Technologies also supports *PCI Journal* by way of advertising and is one of the esteemed PCI Premier Partners.

GCP employees actively participate in 10 PCI committees that span diverse subject matters central to the precast concrete industry. The committees include the Ascent Advisory Committee, the Concrete Materials Technology Committee, the Educational Activities Council, the Journal Advisory Committee, the Market Research and Metrics Committee, the Marketing Council, the Research and Development Council, the Technical Activities Council, and the Sustainability Committee.

Kelley receives Bertolini Award

At the February 28 PCI Annual Membership Meeting and Luncheon during the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky., Tom Kelley of Gage Brothers Concrete Products Inc. was presented with the Mario J. Bertolini Leadership and Innovation Award in recognition of his outstanding character as a precast concrete professional.



Tom Kelley

For more than 30 years, he has demonstrated exceptionally high degrees of professional ethics, service, and dedication to the precast concrete industry and to PCI. Kelley is president, chairman of the board, and chief executive officer of Gage Brothers, one of the oldest companies in Sioux Falls, S.Dak. A 38-year company veteran, Kelley has been instrumental in the company's evolution through ongoing strategic planning, sales strategy, and product research to provide Gage Brothers clients with the highest-quality product solutions available. He also provides critical leadership to more than 250 employees as Gage Brothers undergoes a company culture transition and moves all operations into a new \$40 million precast concrete manufacturing facility.

Kelley has established relationships throughout the precast concrete and construction industries. A highly skilled engineer, he gained broad international experience serving as a precast concrete engineering consultant for a large housing project in New Delhi (2011) and a precast concrete manufacturing facility in Saudi Arabia (2016 to 2017).

Kelley was a member of the PCI Architectural Committee from 1989 to 2011, which he also chaired for several years. He was a member of the PCI Board of Directors from 2008 to 2009 before completing the board's chair/role rotation from 2011 to 2014, ultimately serving as board chairman in 2013 and immediate past chair the following year. In addition, he founded the International Committee in 2013 and served as its chair for three years, leading the initiative to form international chapters of PCI. He is also a long-standing AltusGroup member and the current vice chair of the PCI Foundation Board of Trustees. Kelley was named a PCI Fellow in 2017.

A native of South Dakota, Kelley holds a bachelor of science in civil engineering from the South Dakota School of Mines and Technology. He has been a licensed professional engineer in South Dakota since 1985.

Cleland 2019 recipient of PCI Medal of Honor

Ned Cleland of Blue Ridge Design was awarded the PCI Medal of Honor at the February 28 PCI Annual Membership Meeting and Luncheon during the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky.

Cleland's involvement in PCI began in 1984, when PCI's executive director at the



Ned Cleland

time invited him to join a specially funded research and development program. The program included seven projects aimed at using research to advance PCI goals.

Cleland led the steering committee for a project on spandrel beams. Since then, he has served on numerous PCI committees, including Computer Software, Building Code, Industry Handbook, Blast and Structural Integrity, Parking Structures (which he chaired for four years), Professional Members, and Seismic (which he chaired for 14 years). He became a member of the Technical Activities Council in 1993 and was named chair in 1997 and in 2014. Cleland has been on the Research and Development Council for almost 30 years and served on the steering committees for the Precast Seismic Structural Systems (PRESSSS) program that ran for eight years in the 1990s and for the DSDM (Diaphragm Seismic Design Mythology) program that ran for 12 years. He has also served many times on the Daniel P. Jenny Fellowship advisory committee.

An expert in the area of earthquake design of precast/prestressed concrete structures, he coauthored two editions of *Seismic Design of Precast/Prestressed Concrete Structures* with S. K. Ghosh. In 1998, he received the Martin P. Korn Award for his *PCI Journal* paper on the design of precast concrete shear walls for seismic loads.

In recognition of his outstanding service and contributions to PCI and the precast/prestressed concrete industry, Cleland was named a PCI Fellow in 2001 and Titan of the Industry in 2014.

Board creates new Strategic Plan Review Committee

With support of the producer local representatives on the PCI Board of Directors, a board committee called the

2020 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 2020 PCI Design Awards submission site opens on May 20, 2019. Visit http://www.pci.org/About_PCI/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 19, 2019, is the submission deadline, and winners will be notified in November.

All winning projects will be showcased at the 2020 PCI Convention in partnership with The Precast Show, March 3–7, 2020, in Fort Worth, Tex., and will be included in a supplement to *PCI Journal* and *Aspire* and an article in *Ascent*.

For more information, contact or Becky King, PCI's marketing manager, at (312) 360-3201 or bking@pci.org or Amy Stanton, PCI's managing director of market development, at (312) 360-3216 or PCIDesignAwards@pci.org.

Strategic Plan Review Committee was created at the board's meeting during the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky.

The committee consists of PCI chapter/partner producer representatives to the board. The purpose of the committee is to exchange best practices and ideas in support of goal 2 of the PCI strategic plan: increase the relative market share of precast/prestressed concrete.

The committee plans to do the following:

- Review the chapters/partners annual strategic plan to ensure alignment with PCI strategic plan goal 2.
- Create and maintain a matrix with minimum requirements (key performance indicators as determined by chapters/partners). Measurement of alignment will be in four areas: increasing the market share of precast concrete in transportation, bridges, and infrastructure; increasing the market share of architectural precast concrete; increasing the market share of precast concrete used for structures, parking structures, and buildings; and building relationships with potential specifiers, influencers, and/or the industry workforce through engagement with educational institutions.
- Review each local organization's strategic plan annually and report to the PCI Board of Directors on the alignment of each local plan.
- Enlist the PCI Board of Directors to determine any assistance necessary to ensure alignment of plans.

Pablo Moyano Fernández of Washington University in St. Louis, Mo., looks at the student project of Abhishek Shinde from Michigan State University in East Lansing at the poster sessions at the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky. Courtesy of Bill Brymer.



Students present project poster at 2019 convention

Students from schools of architecture, engineering, and construction management working with the PCI Foundation showed their work during The Precast Show in a Poster Session on the show floor.

"The great thing about seeing all the posters is that we really get to see the variety of work produced by our programs," says PCI Foundation chairman Jim Voss.

The work ranges from a program at California State University, Sacramento, that is devoted to bridge design to a program at the University of Michigan that focuses on digital production techniques. At the University of Minnesota–Duluth, a certificate program is offered in precast concrete design that includes engineering, construction management, and business courses. The poster session is just one of the ways that the professors and students can present their programs to the precast concrete industry.

2019 board named, agenda items approved

At its meeting on March 2 at the 2019 PCI Convention in partnership with The Precast Show in Louisville, Ky., the PCI Board of Directors approved several items, including changes to renewals and dues, a code of conduct, the creation of the Strategic Plan Review Committee, and a strategic plan language modification.

A recommended amount of investment in PCI Foundation education programs will be included as part of all PCI member renewals beginning this year. The renewals will include the contribution as part of the dues and fees calculations, with members having the option to decline the investment. The suggested levels are based on member type level of sales volume reported. In addition, the board adopted a number of provisions for the 2019 producer member renewals, including a fee to fund direct audit costs, a PCI staff cost-of-living adjustment, a new formula rate for declared sales, and a change in the way erector sales are considered.

The code of conduct policy that the board adopted will cover all member events and interactions. A copy of the code can be viewed at https://www.pci.org/PCI_Docs/About/PCI_Code_of_Conduct.pdf.

The new board committee, the Strategic Plan Review Committee, was created to exchange best practices and ideas in support of goal 2 of the PCI strategic plan: increase relative market share of precast/prestressed concrete. Members include PCI chapter/partner producer representatives to the board.

The board also approved a modification to the wording of strategic goal 1 of the PCI strategic plan to, "Develop a

PCI Design Specification, to be adopted by the International Building Code by 2027 for precast, prestressed concrete.”

Keith Wallis Jr. of Prestressed Casting Co. was named chairman, J. Serokey of High Concrete Group LLC was named vice chairman, Dennis Fink of Northeast Prestressed Products LLC was named secretary-treasurer, and Mason Hardaway Lampton of Standard Concrete Products Inc. was named immediate past chairman. Current Associate Member Directors are Ashley Fortenberry of Tindall Corp. and Jay Stracener of Precast Erectors Inc., both erectors, and Bob Sheehan of BASF Corp. and Randy Wilson of Meridian Brick, both suppliers. Institute program directors are Jim Fabinski of EnCon Colorado, transportation activities; Greg Force of

Tindall Corp., research and development; Jenny L. Frost of Wells Concrete–Maple Grove, marketing; Harry Gleich of Metromont Corp., technical activities; Allen Kung, Kie-Con Inc., business performance; Glen Switzer, Dura-Stress Inc., educational activities; and Gary Wildung of FDG Inc., quality activities. Producer member directors are Matt Ballain of Coreslab Structures (INDIANAPOLIS) Inc., PCI Central; J. Matt DeVoss of Jackson Precast Inc., PCI Gulf South; Matt Graf of International Concrete Products Inc., PCI Illinois/Wisconsin; Loren Later of Knife River Prestress, Washington and Oregon; Mark McKenry of Dura-Stress Inc., FPCA; Monty Oehrlein of Coreslab Structures (TEXAS) Inc., PCMA of Texas; Bob Pabst of High Concrete Group, PCI Mid-

PCI CALENDAR

Events

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

PCI Northeast Spring Meeting Publick House, Sturbridge, Mass.	May 2, 2019
PCI Central Region 2019 Spring Event Cincinnati, Ohio	May 14–15, 2019
The Tour Sacramento, Calif.	May 14–16, 2019
PCI Summer Conference Kansas City, Mo.	June 6–10, 2019
Georgia/Carolinas PCI Annual Membership Meeting Hilton Head Island, S.C.	June 13–25, 2019
2019 PCI-IW Summer Membership Event Lake Geneva, Wis.	July 22–23, 2019
PCI Central Region 2019 Summer Event Belterra Casino & Resort, Florence, Ind.	August 27–28, 2019
PCI Northeast Annual Meeting Equinox Resort, Manchester, Vt.	September 11–12, 2019
2019 PCI Committee Days and Technical Conference featuring the National Bridge Conference Rosemont, Ill.	September 25–28, 2019
2020 PCI Convention in partnership with The Precast Show Ft. Worth, Tex.	March 3–7, 2020
2020 PCI Committee Days and Technical Conference featuring the National Bridge Conference Rosemont, Ill.	September 23–26, 2020
2021 PCI Convention in partnership with The Precast Show New Orleans, La.	February 23–27, 2021
2021 PCI Committee Days and Technical Conference featuring the National Bridge Conference Rosemont, Ill.	September 22–25, 2021
2022 PCI Convention in partnership with The Precast Show Kansas City, Mo.	March 1–5, 2022

Atlantic; Daniel Parker of Wells Concrete, PCI Mountain States; John E. Saccoman of Molin Concrete Products Co., PCI Midwest; Rob Smith of Tindall Corp., Georgia/C Carolinas PCI; Christopher Speck of Oldcastle Precast, PCI Northeast; and Bradley Williams of Clark Pacific-Fontana, PCI West. Professional Member Directors are Chris Mosley of The Consulting Engineers Group Inc. and Cheryl Rishcoff of TRC Worldwide Engineering Inc. Ruth Lehmann of PCI Mountain States is the new regional council representative.

Outgoing board members who completed their terms before the meeting are Todd J. Adams of JVI Inc., Ned M. Cleland of Blue Ridge Design Inc., Dennis Fink of Northeast Prestressed Products LLC, Gregory Gibbons of Gibbons Erectors Inc., Daniel Kennedy of Sidley Precast Group, Joseph Lombard of Lombard Architectural Precast Products Co., Michael Paris of Ross Bryan Associates Inc., and Kimberly Wacker of Spancrete.

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	May 13-14, 2019	Sacramento, Calif.
Level I/II	May 6-8, 2019 August 27-29, 2019 October 21-23, 2019 December 2-4, 2019	Austin, Tex. Rosemont, Ill. Orlando, Fla. Nashville, Tenn.
Level III	May 8-11, 2019 August 27-30, 2019 December 4-7, 2019	Austin, Tex. Rosemont, Ill. Nashville, Tenn.
CFA	August 27-29, 2019 December 2-4, 2019	Rosemont, Ill. Nashville, Tenn.
CCA	August 30, 2019 December 5, 2019	Rosemont, Ill. Nashville, Tenn.

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