

FROM PCI HEADQUARTERS

PCI nears first ANS standard

A notification of the first American National Standards Institute (ANSI)/PCI standard was announced within ANSI's *Standards Action* on April 11, 2016. PCI has notified ANSI of the initiation and scope of activities expected to result in a new American National Standard (ANS). This new ANS will be PCI MNL-116-201X, the fifth edition of the *Manual for Quality Control for Plants and Production of Structural Precast Concrete Products*.

PCI recently attained accreditation with ANSI as a National Standards Developer. ANSI accreditation signifies that the procedures used by standards developing organizations meet the ANSI requirements for openness, balance, consensus, and due process. ANSI also designates specific standards as ANS when it determines that the standards were developed in an environment that is equitable, accessible, and responsive to the requirements of various stakeholders. This will elevate the stature of MNL-116 as the standard for quality control and quality assurance for precast/prestressed concrete and help increase the market acceptance of precast concrete.

PCI Foundation 2015 report available



The 2015 *PCI Foundation Annual Report* is now available on the PCI Foundation website at pci-foundation.org. The second published annual report from the PCI Foundation looks at programs that took place during 2015 and highlights several graduates. Tom D'Arcy, 2015 chairman, writes, "Since we first started, we have worked

with 13 schools, 24 professors, more than 900 students, and countless PCI members and regions to create new programs. We have evidence that the programs have produced graduates who apply their training in projects in their employers' design offices."

To read more about the 2015 work of the PCI Foundation, visit the website at pci-foundation.org/index.cfm/annualreport. To receive a hard copy of the report, contact the foundation at info@pci-foundation.org.

—Marty McIntyre

2016 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 project today.

PCI's 2016 Design Awards submission site opens June 6, 2016. 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, and the Sustainable Design Award.

October 3, 2016, is the submission deadline, and winners will be announced November 18, 2016.

All winning projects will be showcased at the 2017 PCI Convention and National Bridge Conference at The Precast Show in Cleveland, Ohio, and will be included in a supplement to *PCI Journal* and in articles in *Aspire* and *Ascent*.

For more information, contact Dawn Parker at (312) 360-3216 or dparker@pci.org or Brenda Banks at marketing@pci.org.

ARCHITECTURE STUDIOS ARE EACH UNIQUE



Marty McIntyre
PCI Foundation Executive
Director

I'm often asked about the programs that the PCI Foundation sponsors at various schools of architecture, engineering, and construction management. PCI members interested in sponsoring a school want to know about the classroom content, what the students do, and how the precaster is involved.

This is always a difficult question to answer because every studio is unique. Since 2007, the PCI Foundation has sponsored studios or education programs at 14 schools, and no two are alike. What makes these programs successful is that they are developed specifically for the school, the professor, and the partners involved with them. The program must play on the institution's strengths and the partner's interests. There is not one formula that fits every program.

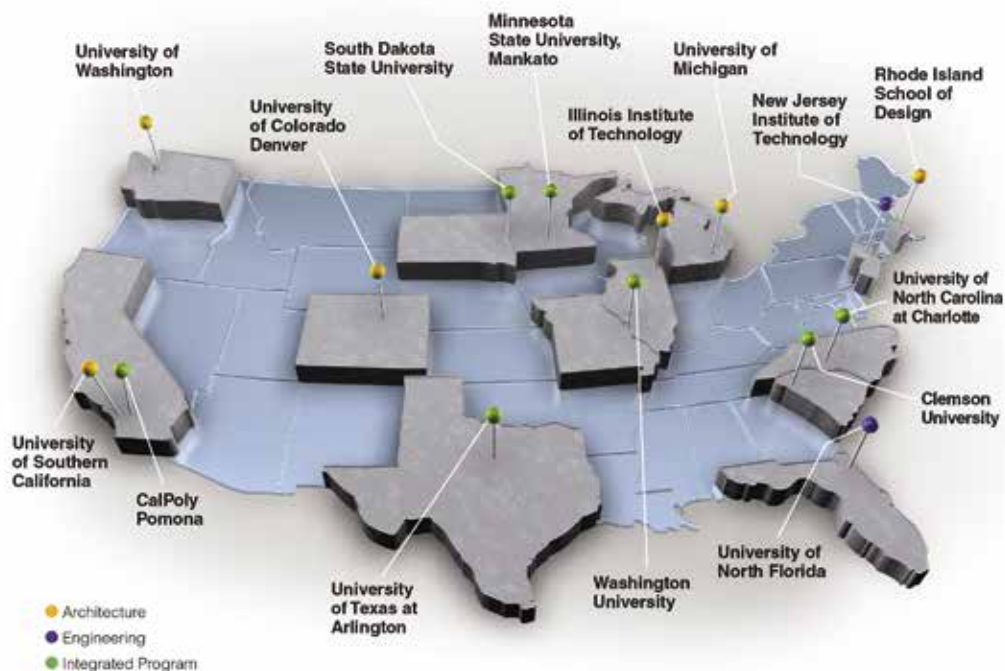
For example, at the University of Michigan, the studio focus is on research and production through its master of science in architecture concentration in digital technologies. The program is housed in the School of Architecture, but rather than designing a capstone project, such as a building, the students instead concentrate on the fabrication process and pushing the envelope of digital design. In many ways, the work at this school feels like a glimpse into the future of precast concrete manufacturing.

The Department of Architecture at South Dakota State University takes a very different approach. The school is dedicated to the idea of experiential learning, so the final product for the students is an actual project in a rural South Dakota community. Students have the opportunity to design in a collaborative environment along with their classmates, the community, and the precaster. Students are often in and out of the plant and gain a strong understanding of the production process in a typical plant along with the design.

At Clemson University, the studio takes a classic approach to teaching architecture, using precast concrete as the material inspiration. First students choose an existing cast-in-place building by architect Tadao Ando and convert it into a precast concrete design. They also look at the repetitive nature of precast concrete, form their own pieces, and cast 100 examples of their small piece. The third part of the semester is an open project in which they put together a more complex building using what they learn in the first two exercises. A unique aspect of this studio is that Carlos Barrios, an architecture professor, works in conjunction with Brandon Ross, an engineering professor, to bring engineering students on board to consult and work collaboratively with the architecture students.

The answer is that each program suits the school where it resides and also calls on the local region to support the program and provide precast concrete background information. If you are interested in learning more about PCI Foundation programs, visit our website at pci-foundation.org. If you want to gather materials to share with a local professor, contact us at info@pci-foundation.org.

Studios/Educational Programs 2007-2016





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PCI Fellows receive honor at convention in Nashville



Gregory Gibbons



Dean Gwin



Tom Kelley



Edward Knowles



Mike Malsom



John Saccoman



William Simmons

The Board of Directors named seven members new PCI Fellows for 2014, honoring them for outstanding contributions to PCI and to the precast concrete structures industry. The new Fellows are Gregory Gibbons, Dean Gwin, Tom Kelley, Edward Knowles, Michael Malsom, John

Saccoman, and William Simmons. They were honored at the PCI Convention and Bridge Exhibition awards luncheon in March 2016 in Nashville, Tenn.

Gregory Gibbons is the president of Gibbons Erectors Inc. in Englewood, Colo. He received his bachelor of science degree in accounting from the University of Colorado. Gibbons served on the PCI Board of Directors as the erector associate member director for two terms. He is the current chair of the Field Safety Task Force and serves as a member on the Erectors Committee. He served as the chair of the Erectors Committee from 2000 to 2008 and has also been a member of the Field Certification and Marketing Committees. Gibbons is also a member of the American Welding Society.

Dean Gwin is the president and chief operating officer of Gate Construction Materials Group in Jacksonville, Fla. He received his degree in marketing from Troy University in Troy, Ala. Gwin served as the 2014 PCI chairman of PCI and as a member of the Executive Committee for four years. He previously served on multiple marketing committees and the Architectural Precast Concrete Committee. Gwin represented PCI on the National Precast Concrete Association (NPCA)-PCI Task Group as well as the NPCA-PCI Precast Show Steering Committee, and has been instrumental in orchestrating PCI's partnership with The Precast Show. He is a member of the Financial Performance/Contracts Committee and the Budget Planning and Review Team for PCI. Gwin is also a member of the PCI

Foundation Board of Trustees and was recently appointed its 2016 chairman.

Tom Kelley is the president of Gage Brothers in Sioux Falls, S.Dak. He received his bachelor of science degree in civil engineering from the South Dakota School of Mines and Technology in Rapid City. He served as the 2013 PCI chairman and member of the Executive Committee for four years. He has served on numerous PCI committees, including the Architectural Precast Concrete Committee, which he chaired in 2009 and 2010. Kelley is a member of the PCI Foundation Board of Trustees and chair of the International Committee.

Edward Knowles is the vice president of Walters and Wolf Precast in Fremont, Calif., and has been a member of PCI since 1980. He obtained his bachelor of science degree in architectural engineering from California Polytechnic State University in San Luis Obispo. He is also a licensed professional engineer in the state of California. Knowles is the chair of the GFRC Committee and a member of the Architectural Precast Concrete, Plant Certification, and Ascent Advisory Committees. He also served on the Industry Handbook Committee for the third edition and on the Board of Directors as the zone 1 producer member for four years. He is a member of the Structural Engineers Association of California, the American Concrete Institute, and the International Accreditation Service. He was also a member of the American Society of Civil Engineers for 20 years.

Mike Malsom is a principal at the Consulting Engineers Group (CEG) in Mount Prospect, Ill. He received his bachelor of science degree in structural engineering from the University of Illinois at Urbana-Champaign. Malsom is a licensed structural engineer in Illinois. He is also a licensed professional engineer in Florida, Georgia, Maryland, Michigan, North Carolina, South Carolina, Tennessee, Virginia, and Wisconsin. He is the past chairman of CEG and the past president of CEG Illinois. Malsom has served as a member on the Building Code, Professional Members, and Erectors Committees. He also served on the PCI Board of Directors as the professional member director and as a member of the PCI Handbook Committee for the fifth and sixth editions. Malsom has been a member of PCI since 1990.

John Saccoman is vice president of sales and marketing at Molin Concrete Products Co. in Lino Lakes, Minn. He received his bachelor of science degree in civil engineering from the University of North Dakota in Grand Forks. He began his career in the precast/prestressed concrete industry in 1985. Saccoman has served on several PCI councils and committees, including the Marketing Council, Financial/Risk Management Committee, Fire Committee, Hollow Core Slab Producers Committee, Market Research and Metrics Committee, Marketing QA Committee, Marketing Sustainability Committee, and Website and Electronic Media Committee. He previously served as the chair for the Hollow Core Slab Producers Committee and as a member of the Branding Committee. Saccoman is the founding chairman of the Midwest Prestress Association and current chairman of PCI Midwest and president of the Minnesota Prestress

Association. He is a member of the American Institute of Architects, Associate General Contractors, American Builders and Contractors, National Association of Home Builders, Minnesota Builders Exchange, Design-Build Institute of America, and Minnesota Subcontractors Association.

William Simmons is the retired chief executive officer of The Shockey Precast Group in Winchester, Va. He received his bachelor of science degree in civil engineering from West Virginia University in Morgantown. Simmons served as PCI chairman in 2008 and was a member of the Executive Committee for four years. He has also been involved with many PCI councils and committees, including the Management Activities Council. He is currently the development chair for the PCI Foundation.

PCI Foundation to hold second barbecue competition



Pat Hynes of Knife River in Bend, Ore., shows off the prizes awarded to employees as part of its PCI Foundation barbecue during the 2015 inaugural competition.

Courtesy of Knife River.

PCI MEDAL OF HONOR CALL FOR NOMINATIONS

Nominations for the PCI Medal of Honor, to be awarded during the 2017 PCI Convention and National Bridge Conference at The Precast Show in Cleveland, Ohio, should be submitted via mail by August 15, 2016, to PCI Headquarters, Attn: President's Office, 200 W. Adams Street, Suite 2100, Chicago, IL 60606 or by email to bcoleman@pci.org. Please submit nominations in letter format with appropriate biographical and supporting information attached. Endorsements from others supporting the nomination are encouraged.

For more information, contact Rebecca Coleman at bcoleman@pci.org or (312) 583-6783.

NORMAN L. SCOTT PROFESSIONAL ENGINEER AWARD CALL FOR NOMINATIONS

In 2013, Norm Scott died unexpectedly. He was an icon of the precast/prestressed concrete industry. To honor his legacy, PCI has established the Norman L. Scott Professional Engineer Award. The award will next be presented at the 2017 PCI Convention and National Bridge Conference at The Precast Show in Cleveland, Ohio. Nominations are being accepted until August 15, 2016. An official application form is available online.

For more information, contact Rebecca Coleman at bcoleman@pci.org or (312) 583-6783.

Thanks to the success of the 2015 PCI Foundation Barbecue Competition, the program will be repeated during September 2016. More than 2800 people took part in 13 events sponsored by 8 companies, and more than 2473 lb (1122 kg) of meat was grilled. Precast concrete industry plants and suppliers across the United States and Canada can team up to sponsor a lunch or dinner barbeque for employees or customers and raise money for the PCI Foundation.

Companies will compete for prizes, including a grand prize, highest percentage of employees attending, highest percentage of employee family and friends attending, best event photo, most meat grilled, most unusual menu item, and most creative extra fundraiser.

Events should take place during the month of September 2016. The producer can buy the supplies for the barbeque, or a supplier can sponsor all or part of the menu. Any company or organization interested in the work of the PCI Foundation can participate, including precast concrete fabricators, erectors, suppliers, and regional organizations. Two or more companies can team up to participate in the competition as a single entry. Participants must register their events with the PCI Foundation and pay a \$25 entry fee. Visit pci-foundation.org for more information and to register. The PCI Foundation will send out a package of materials that includes information on PCI Foundation programs, a banner, and PCI Foundation posters. Attendees make a small donation to the PCI Foundation, with a suggested minimum donation of \$5. After the barbecue, the plants send all donations to the PCI Foundation along with information about their events. A panel of judges selected by the PCI Foundation trustees will review the entries to determine the winners.

—Marty McIntyre

BASF receives PCI's Associate Member Award

PCI gave BASF its 2015 Associate Member Award. BASF has more than 100 years of experience, innovation, and expertise in the construction industry.

Since the early 1900s, BASF's Construction Chemicals division under its Master Builders Solutions Brand has offered advanced chemical solutions for new construction, maintenance, repair, or renovation of structures. Most recently, BASF introduced RheoTEC Z-60 workability-retaining admixture technology to the precast/prestressed concrete market. RheoTEC Z-60 provides flexible degrees of slump retention without retardation.

The employees form a worldwide community of experts who are passionate about providing specific solutions to challenges in all stages of construction as well as the life cycle of the structure. Utilizing its worldwide resources, BASF works globally to develop advanced technologies and innovative chemistries that will ensure that its customers achieve reduced operating costs, improved plant efficiency, and enhanced finished products.

This is BASF's 60th year as an associate member of PCI and its corporate philosophy of continued improvement through industry participation has truly benefited not only BASF but PCI members.

BASF is a longtime sponsor of industry events and has been a PCI Premier Partner since the inception of the program. Its teammates serve regularly on committees and councils, including the PCI Board of Directors, the Board Nominating Committee, and the Marketing Council. In addition, BASF representatives have served as chair of the Market Research and Metrics Committee and as associate member director.

R&D Council forms Innovation Committee

The PCI Research and Development Council has formed an Innovation Committee, chaired by Danny Faucette of Tindall Corp. The committee is charged with identifying opportunities for technical innovation that would advance precast/prestressed concrete in current and new markets. Innovation is being interpreted in broad terms and includes materials, products, systems, or technologies that enhance the production, delivery, or installation of precast concrete.

Formation of this committee paralleled the fall 2015 CEO summit, where innovation was identified as one of the top three priorities for the industry. From that summit, a CEO effort led by Tom McCabe of The Shockey Precast Group has been exploring innovative ideas that would benefit the industry. The R&D Innovation Committee will coordinate with this CEO group to support efforts as required.

The R&D Innovation Committee is interested in hearing your ideas for innovative technologies. Please submit a brief description of your ideas to Faucette at dannyfaucette@tindallcorp.com and to Roger Becker, PCI's vice president of technical services, at rbecker@pci.org.

PCI FELLOWS CALL FOR NOMINATIONS

>> PCI is accepting nominations for PCI Fellows, to be awarded during the 2017 PCI Convention and National Bridge Conference at The Precast Show in Cleveland, Ohio. Please submit nominations by mail to PCI Headquarters, Attn: President's Office, 200 W. Adams Street, Suite 2100, Chicago, IL 60606 or send an email to bcoleman@pci.org by August 15, 2016. An official application form is available online.

For more information, contact Rebecca Coleman at bcoleman@pci.org or (312) 583-6783.

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 2017 PCI Convention and National Bridge Conference at The Precast Show in Cleveland, Ohio. Nominations are being accepted until August 15, 2016.

Nominations for this award should be made to the Mario J. Bertolini Leadership and Innovation Award Selection Committee and should include a letter identifying the specific 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/Publications/Submissions_Center/. For more information, contact Rebecca Coleman at bcoleman@pci.org or (312) 583-6783.



Precast/Prestressed Concrete Institute

BUILDING OUR TOMORROW

COMMITTEE DAYS AND MEMBERSHIP CONFERENCE

IT'S PCI MEMBERS LIKE YOU

who design and build the future of the precast industry. Your expertise, innovative ideas, and unique insights are continuously driving the industry forward, while pushing the boundaries of imagination and excellence.

We invite you to join us October 12-15 for the 2016 PCI Committee Days and Membership Conference as we look to the future and focus on **"BUILDING OUR TOMORROW."** This event offers you an outstanding opportunity to network, share your ideas and experiences, and learn from others as you and your peers enhance and expand the industry's Body of Knowledge.

In addition to more than 60 council and committee meetings, we'll host a PCI Board of Directors meeting, award presentations, table top exhibits, and our infamous Concrete Chefs. Explore the Committee Days webpages to discover all the exciting opportunities in store for you. We look forward to seeing you there!

[**www.pci.org/fall-committee-days/**](http://www.pci.org/fall-committee-days/)

**PCI COMMITTEE DAYS AND MEMBERSHIP CONFERENCE
OCTOBER 12-15, 2016 | LOEW'S O'HARE HOTEL | ROSEMONT, ILL.**

Plant tours give RISD students deeper understanding of precast

What happens when you take a historic and storied art school with a top architecture program and pair it with the engineering-centric precast concrete industry? That was the question on the minds of everyone involved with the PCI Foundation precast studio at the Rhode Island School of Design (RISD) in Providence.

Headed by Brett Schneider, assistant professor, and Jim Barnes, professor of architecture, the precast studio at RISD is a new kind of design studio that was launched in 2014 and is working with PCI producers in the northeast region. Both sides wondered how the studio would unfold. PCI is known for its strong engineering approach to design, while RISD has a rich design history and is one of the oldest and best-known colleges of art in the United States. Now in its third year, both PCI and RISD are working well together to create a new kind of architecture studio.

Recently, the students taking part in the program visited the Coreslab Plant in Thomaston, Conn. Schneider's goal is to help the students develop a deep understanding of the material. By the end of the semesters, this is achieved in part by working closely with area precasters, such as Blakeslee Prestress Inc. in Branford, Conn., and Coreslab Structures (CONN) Inc. in Thomaston, Conn., as well as with Rita Seraderian, the executive director of PCI Northeast.

"Overall it has been a fabulous experience. I felt the students were enthusiastic and really felt they used the RISD culture to bring an interesting view of precast to our industry," Seraderian says.

The students also say that they come away from the program with a new appreciation for precast concrete design and construction. "After taking the studio, I've begun to see in parts, particularly systematic parts. Materiality, physicality, and gravity all play major roles in determining how they come together, which we architects and designers mostly abstract for the sake of it," says 2015 participant Brandon Wang. "I have also begun to see concrete corners, faces, and edges very differently, considering their joinery and extrapolating how fabrication is designed to either exploit or mask them."

—Marty McIntyre

USC studio seeks innovations for next wall installation project

Doug Noble, one of the professors leading the precast concrete studio at the University of Southern California (USC) in Los Angeles is seeking precast concrete innovations that can be incorporated into a precast concrete wall installation that his students will work on during the 2016/2017 academic year. The PCI Foundation program at USC enters its fourth year in the fall, and the professors want to leave a lasting legacy.

"We are in the earliest stages of planning, and we are reaching out to the precast industry for advice," Noble says. "While it would be fairly straightforward to carry out this project and build a relatively standard wall, we want to do something special. We need your help to guide us as to what 'special' might mean. We want the results of this project to be more than just educating students about traditional precast. We want to advance the envelope of precast, and develop a showpiece of new ideas, processes, and technology."


Noble says they already have ideas for some of the innovations, but any precast concrete innovators who would like their products included in the installation can contact Noble with more information at info@pci-foundation.org.

—Marty McIntyre

PCI adds marketing presentations to Members Only area of website

PCI has added several marketing presentations to the Members Only section of its website. The following programs have been added:

- Designing High Performance Transportation Structures
- Designing Industrial Structures with Precast Prestressed Concrete
- High Performance Athletic Facilities
- Building High Performance Educational Facilities

Members can download these programs to present to the architectural and engineering communities by going to <http://www.pci.org/> and clicking on the Members Only tab to sign in. 

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

PCI CALENDAR

Events

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

2016 PCI of Illinois and Wisconsin Summer Meeting and Golf Outing

Troy and Lake Geneva, Wis.

July 19–20, 2016

PCI Mountain States Region Board of Directors and General Membership Meeting

TBA

August 24–25, 2016

PCI Central Region Summer Membership Meeting

Florence, Ind.

August 30–31, 2016

PCINE Annual Meeting

Saybrook Point, Old Saybrook, Conn.

September 13–14, 2016

2016 PCI Committee Days and Membership Conference

Loews Chicago O'Hare, Rosemont, Ill.

October 12–15, 2016

PCI Mountain States Region Board of Directors and General Membership Meeting

TBA

November 16–17, 2016

2017 PCI Convention and National Bridge Conference at The Precast Show

Cleveland, Ohio

February 28–March 4, 2017

2017 PCI Committee Days and Membership Conference

Rosemont, Ill.

October 4–7, 2017

2018 PCI Convention and National Bridge Conference at The Precast Show

Denver, Colo.

February 22–24, 2018

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 managing director of education and membership, Alex Morales, at amorales@pci.org or (312) 360-3219. Registration forms are available at <http://www.pci.org/schools>.

Level III

August 31–September 2, 2016

Chicago, Ill.