





Students at Clemson University.

The PCI Foundation provides grants for educational initiatives focused on state-of-the-art innovative approaches to the integrated use of precast concrete design, fabrication, and construction. It is an independent 501(c)3 and has provided support for programs at schools of architecture, engineering, and construction management since 2007.

Letter from the Chairman

A Partnership

At the PCI Foundation, we are in the business of helping our industry help itself. We do this in part because when we give out grants for developing new precast concrete curriculum, it is always driven by the needs of both partners—the schools that are offering their students valuable and educational experiences and learning, and the precast partners that are filling a need—problem solving today to make tomorrow a better day.

The key here is in understanding what is valuable to both of the partners, and moving forward from there. This is why when we look at proposals for new grants, it is always important that the school that submits the proposal works alongside a partner in the precast industry. At times, the partner is a precast producer, but other programs have been successful working with PCI regions or local precast engineering firms.

This means each of our programs is unique. It can be engineering, architecture, or construction management. . . but it needs the help and guidance of a local industry partner. That partnership has been extremely successful in helping attract and touch many students. Not just the students sitting in the classroom, but the other students who take part in lectures, plant tours, and jobsite visits. Each year, that number grows, and 2017 was no exception.

In 2017 we touched about 500 students through our programs. Those programs currently being funded included about 300 students—but another 100 or more students took part in at least part of those tours, and another 100 students took part in programs that were started and funded before 2017.

This number will continue to grow as long as we have the support of our industry and all the PCI Foundation partners who bring our work to life. Take a look at the power of partners in 2017 in this annual report. I think you'll be pleased.



The local partner works with the professor to create a program that is both one-of-a-kind and has character and content that will benefit both the school and the local partner. These relationships will be sustained even after the PCI Foundation involvement and investment is finished. The local partner will be the first to learn of innovations, will have access to future architects, engineers and even precast industry workers, and will influence how precast is taught to local customers for years to come.

-Dean Gwin. Gate Precast

Dean Dwin



Students from Clemson University attended the 2017 PCI Convention with their professor, Carlos Barrios.

Our collaboration with PCI Foundation has created a couple of changes in the curriculum. First, the idea of having a topical studio with a specific component allows students to explore the material. The second is that precast has expanded into other areas of the curriculum. Now precast has a special module on designing and the benefits of using precast instruction in the structures classes.

-Carlos Barrios, Clemson University



2017 PCI Foundation Trustees

The work of the PCI Foundation is carried out by its Board of Trustees, a dedicated group of individuals interested in expanding precast concrete educational programs by working with schools of architecture, engineering, and construction management.

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Students from Minnesota State at Mankato tour Wells Concrete

Fifty-five students went to the Viking Stadium with us, and now when they go into a structure they know what they are seeing. Bottom line is that it is still a lot of fun. Never in my life did I think that I would hang out with a professor and dean from the college. I'm having a ball.

-Gregg Jacobson, Wells Concrete

The PCI Foundation relies on members of the precast concrete industry to fund its programs. Thanks to the many generous donations we have received, we have been able to grow successful, interesting, and meaningful educational programs in conjunction with a number of prestigious universities.

We are on the brink of even greater success should we obtain more support. To make a donation to the PCI Foundation, visit our website (pci-foundation.org) or call Marty McIntyre at 708-386-3715.



PCI Foundation Partnership

The Power of Partnerships

"Yes, and..." thinking is a technique used by improv artists that allows actors to support and improve one another. A participant will accept what another actor has stated ("yes") and then expand on the idea or premise. During 2017, we found that the partners working with the PCI Foundation are masters of this technique. Whether they know it or not, they take this principle and improve our programs through brainstorming, sharing ideas, and sharing resources.

So much has changed since the PCI Foundation first began providing grants to schools of architecture, engineering, and construction management in 2007. What started out as an idea to provide architecture students with a semester of precast curriculum has expanded to integrated programs that reach into several semesters worth of study in three departments and even in other areas of study such as a school of business. With each curriculum development grant, the bar is raised and the program is more exciting.

The one thing that makes each of these programs alike, however, is that there has been one or more industry partner along for the ride, from the very beginning of the program. Rarely is a partner a peripheral part of the program. Partners are hands on, in the classroom, inviting students to the plant, and taking them into the field. They bring real projects into the classroom for study, and they work with students on creative problem solving.

The result is amazing. As we survey students at the end of each semester, we continue to hear stories about the industry partners making the program a memorable experience. Taking students beyond theory and giving them opportunities seldom seen in most programs. We consistently hear from students that these opportunities make the program their favorite part of their schooling.

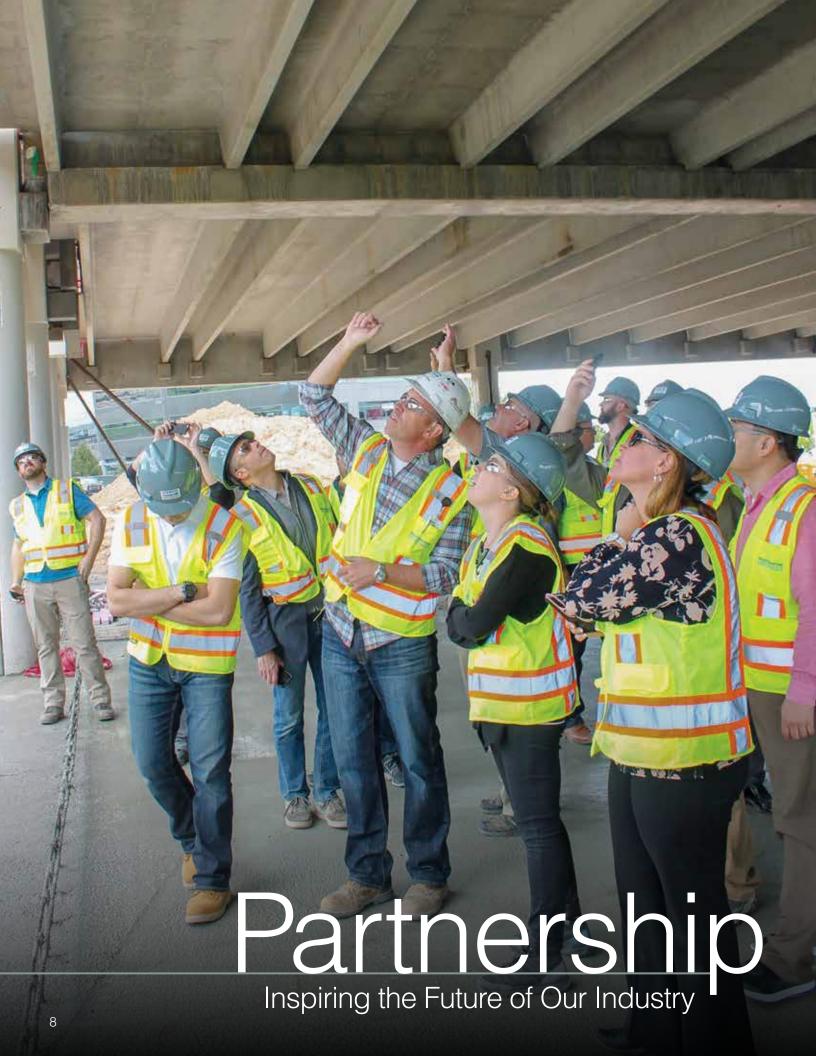
- Opportunities for student travel to PCI meetings and convention
- Student poster presentations
- Professor presentations
- Publication opportunities
- Industry partnership for research
- Industry interaction
- Research development / productive partnerships
- Curriculum development grants
- Hands-on / experiential learning opportunities
- Professor Seminar
- Camaraderie with other academics
- Opportunities for community relationship building



Students at South Dakota State University

The PCI grant has been the greatest academic challenge and opportunity of my 22-year career and it has single-handedly kept our academic program closely tied to our charge of learning to make good buildings that make good cities.

-Brian Rex, South Dakota State University



The Programs

Internship Program

A new program this year was the Internship Program developed in conjunction in partnership between the PCI Foundation and the NPCA Foundation. The two groups created an internship template that member companies can use to help launch an internship program. The template can be customized, depending on your company's individual needs. In addition, the PCI Foundation and NPCA Foundation created two webinars. These resources are free for PCI members and can be viewed on the member portion of the PCI website.

Dr. Alan Mattock Scholarship

The PCI Foundation is pleased to announce that a scholarship has been established in the memory of Dr. Alan Mattock for the many contributions he made to the industry over his long career. In addition to his extensive research, he influenced generations of young engineers and was named the PCI Distinguished Educator in 1999.

The Alan Mattock Graduate Scholarship will be tied to the Daniel P. Jenny Fellowship program conducted by the PCI Research and Development Council. The value of the scholarship will be \$4,000 and is intended to enhance a fellowship award.

The PCI Foundation will accept contributions for funding this scholarship. Donations should be sent to the PCI Foundation, with specific instructions to go to the Alan Mattock Graduate Scholarship fund, at 200 West Adams Street, Chicago, Illinois 60606.

2017 contributions for the Alan Mattock Scholarship were received from

Thomas D'Arcy Neil Hawkins Thomas Hsu John Stanton Henry Russell Paul Zia

Professors Seminar

For each of the last 3 years, the PCI Foundation has hosted a seminar for professors interested in adding precast concrete to their curriculum. Often, local partners come along with the professor to learn more about our programs.

For 2017, a total of 27 people attended the third annual PCI Foundation Professors Workshop, which included 17 professors from architecture, engineering, and construction management programs. In addition to learning about the curriculum development grants that the PCI Foundation has available, professors were able to learn more about the resources that PCI has available to them.

The 2017 program took place at the University of Colorado Denver and was hosted by Professor Matthew Shea.



Professors visit Rocky Mountain Prestress.

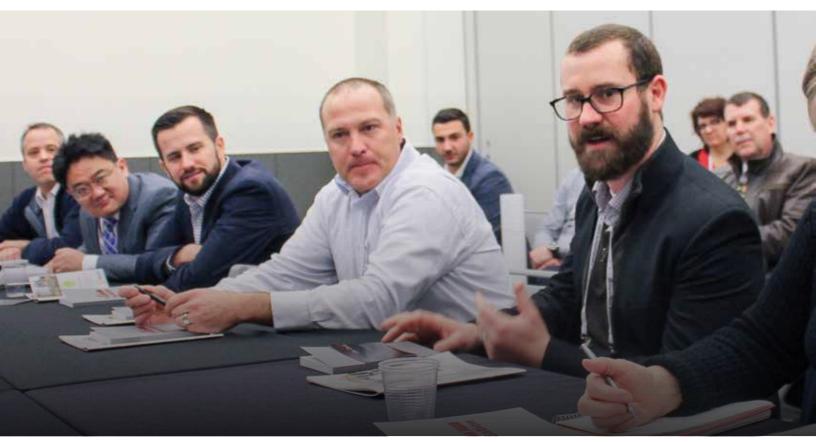
RISD students prepare to present at the 2017

Left: work with industry partners.





Professors round table at the



Partnership Insight, Interaction & Learning

Convention Programs

The PCI Convention

The PCI Convention plays an important role in the success of the PCI Foundation programs. In large part, the PCI Foundation curriculum development grants are unusual because of the support and camaraderie that the professors develop with the industry and with one another through their interactions at industry events, such as the convention.

Thirty students and 12 professors attended the PCI Convention as part of their PCI Foundation education programs and studios. Most of the students were there to take part in the poster session that happened on the convention floor. Students had the opportunity to share projects that they completed during the program with conference attendees and other schools.

In addition to showing their work, the students take time during the program to visit education sessions and the trade show floor. "It was fascinating," says Anna Huen, a student from the University of Colorado at Denver. "There is so much about precast that we still have yet to learn. There are so many more aspects of it that are architectural that I think the show has really opened our eyes to. It has been an awesome experience."

Poster Session

Several students from PCI Foundation programs take part in a poster session during the Precast Show. This allows students and industry to interact and learn more about each other. It also gives students more insight into the precast industry as they meet and greet the many precast industry participants who stop by the booth.

- A town square in Volga, South Dakota
- A visitors center for Pikes Peak in Colorado Springs by University of Colorado at Denver
- A precast concrete floor system by students at Rhode Island School of Design
- A Solar Decathlon entry for the 2017 competition by Washington University in St. Louis
- Digital Fabrication projects from University of Michigan
- · An embassy project from Clemson University
- Converting a precast parking deck to other uses from University of Washington

Professors Round Table

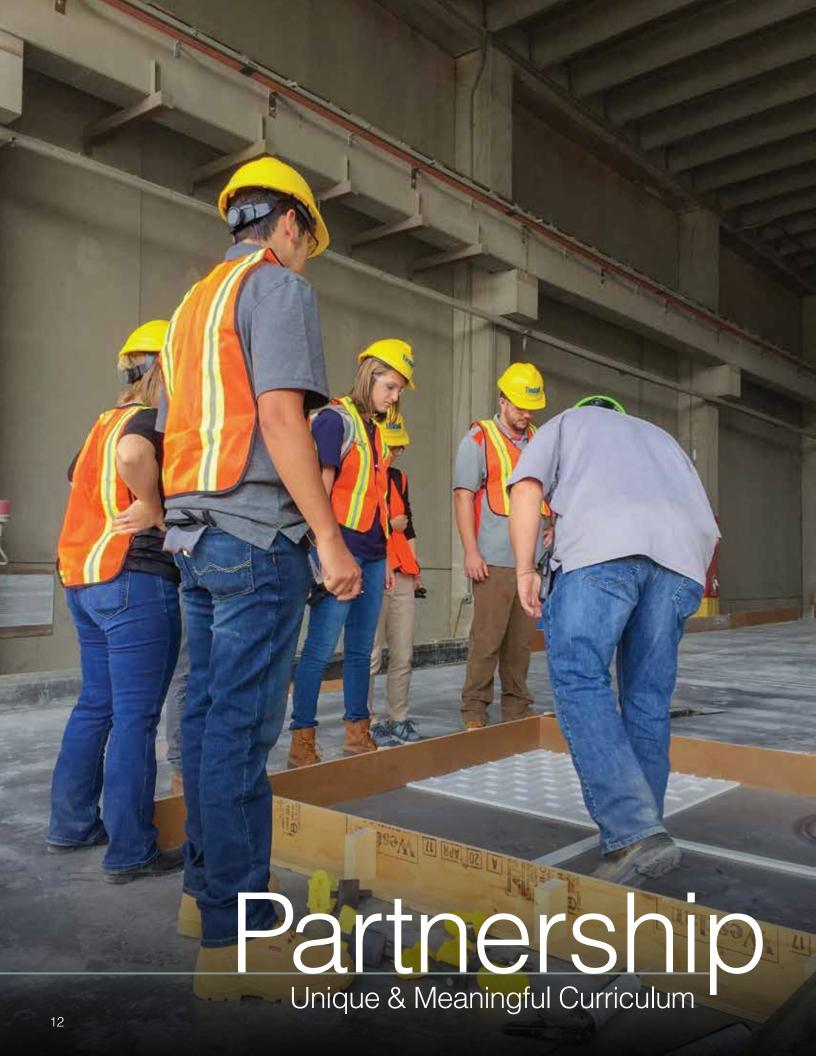
Professors were able to take part in a "professors roundtable" for the first time at the 2017 convention, which gave them a formal setting to share ideas and successes.

Education Session

Those professors who had programs in 2017 presented them during the 2018 PCI Convention.



Some students have been in two of our precast programs.



Education Projects

During 2017, the bulk of PCI Foundation's efforts went toward providing curriculum development grants at 12 schools of architecture, engineering, and construction management. Each program is uniquely developed for that particular school, both by the faculty teaching precast topics and the local partners who work in conjunction with the school to create a meaningful and experience-oriented curriculum. During 2017, the PCI Foundation supported the following schools with curriculum grants.

Clemson University, Clemson, S.C.

This is a vertical studio including graduate and undergraduate students. It is done in collaboration with industry partners, professionals in architecture and engineering, and professors from the School of Architecture and the Department of Civil Engineering. It is in its fourth of four years.

This year, the students designed an embassy building in collaboration with the architects of the Department of State Overseas Building Operations (OBO) and the architecture firm KCCT that specializes in the design of buildings for diplomatic missions.

Students taking part in the Precast Studio at Clemson University had two final reviews. One at Clemson University with local architects, engineers, and precast producers Metromont and Tindall. The second review took place at the offices of KCCT Architecture in Washington D.C. Members of the state department also took part in the review, which included student-designed embassy projects designed in precast concrete. After the review, students toured the U.S. Capitol building, visited the office of South Carolina Congressman Jeff Duncan and visited the chamber of the house of representatives.

Local Precast Industry Partners: Georgia/Carolinas PCI, Metromont Precast, Tindall Precast, and US Formliner

Georgia Tech, Atlanta, Ga.

The Georgia Tech program is completed over two semesters: Fall - Precast Concrete Workshop & Winter/Spring - Precast Design Studio. It is part of the Master of Science Digital Design and Fabrication program.

The Georgia Institute of Technology launched the PCI Concrete Workshop in the Fall of 2017 as the inaugural PCI Foundation funded course in the School of Architecture. The course was lead by Professor Tristan Al-Haddad and served as the basis for both a workshop and graduate design studio to be offered in the Spring of 2018, also taught by Al-Haddad. The name of the course was

"Concrete Workshop: Parametric Precast" and was focused on developing new and novel applications for architectural precast in Ultra-High-Performance Concrete (UHPC) by employing state of the art computational design and fabrication tools.

Students developed two precast design systems and the associated manufacturing procedures for forming, casting, and erecting the systems. In the spring the students will produce full scale prototypes and install them on the Atlanta Beltline, as well as exhibit the work at the World of Concrete and the Fab City Exhibition in Paris.

Local PCI Partners: Georgia/Carolinas PCI, Metromont Precast, Tindall Precast, and US Formliner

University of Southern California, Los Angeles, Calif.

The PCI Foundation has been supporting research and education in the School of Architecture at USC for several years. A goal of the PCI Foundation sponsorship program is to provide a seed that launches lasting and long-term impacts. As the formal part of the program comes to an end, the question becomes "what happens next?" What were the past impacts of the PCI Foundation program, and what are the current and future impacts.

In the past, USC has run annual precast concrete architectural design studios for fourth year students in the bachelor of architecture program. The studio emphasized the strengths of precast as part of a high thermal mass architecture for the extreme climate of Joshua Tree National Park. Students learned how to use the large daily temperature swings with high-mass precast to create comfortable interior conditions without the use of mechanical systems. Students also learned about the advantages of off-site fabrication to reduce construction site impacts inside the national park.

As part of the studio, students visited precast producers and received educational seminars from staff of PCI West. USC also hosted precast concrete conferences, inviting architects to learn about precast building envelopes. From these conferences, USC created publications about precast concrete case studies and integrated precast into the second year "materials and methods" course. Some PCI Foundation funds were used to support prizes for jury-selected projects at the end of each year. This year, the studio students participated in a hands-on precast day at Clark Pacific and physically constructed two façade panels. One of the panels will become part of a research program at USC.

The precast studio has become a part of the studio culture and it will continue indefinitely.

Local PCI Partners: PCI West and Clark Pacific

Education Projects (continued)

South Dakota State University (DoArch), Brookings, S.Dak.

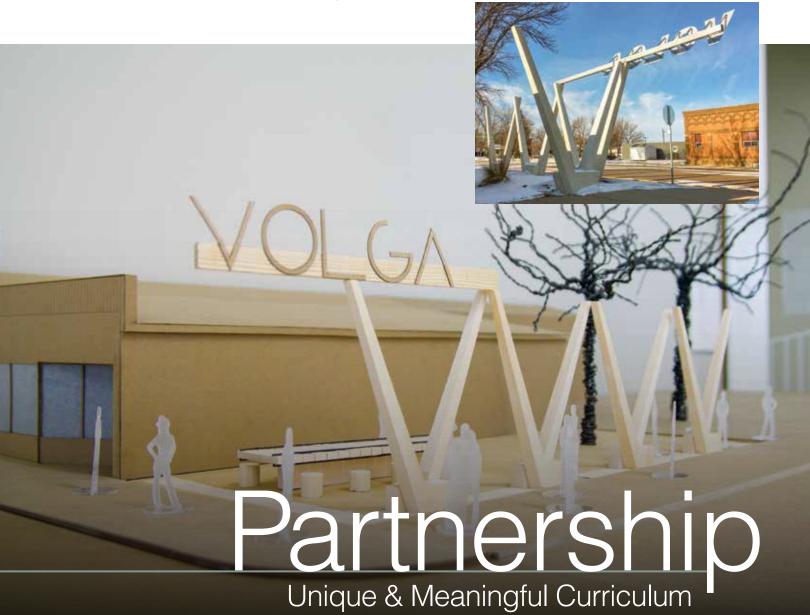
This program, now in its fourth year, is an architectural design studio caught up in precast issues with a community twist. Every year students in the pre-professional program are assigned a town in South Dakota. In the first year, students build a big 1" = 20' model of their town. In third year, design studio students return to their town using precast technology to design and construct a public space. This year students completed a new public plaza by setting eight slender precast concrete vertical elements as a set of Vees on the public edge of an empty site at the main intersection of Volga, S.Dak. (pop. 1800)

First, the SDSU class returned to their first-year research on Volga to determine where to build and what type of structure fits best in the spatial narrative of the town. Then, the students got

Local Precast Industry Partners: PCI Midwest and Gage Brothers

city council approval, and with staff from Gage Brothers, developed the 15-foot tall precast structure through construction. Students made the formwork and observed the pours as Gage Brothers produced the components. Students oversaw the erection of the project on site.

The result is that the base of the Vees are extended on both sides like hockey sticks to turn into benches so people can sit or lean on them. On top of this precast structure, cantilevered out from the corner out into the main street is the galvanized steel plate "Volga" sign, a tiny and proportional cousin of the "Hollywood" sign. The precast comes together with the steel components to form the Volga Corner, the community's formal meeting space.



Rhode Island School of Design, Providence, R.I.

The final year of this 4-year program made precast a part of the curriculum at this prestigious school of architecture. The studio focused on the school's maker tradition and precast fabrication; the PCI Foundation helped provide new equipment that will make precast part of the curriculum for years to come.

The studio itself varies from the approach of other programs that have been sponsored by the PCI Foundation that have taken a more traditional approach to a design studio. Instead of focusing on the architectural design of a structure using precast components, RISD students concentrate on the product itself and look at ways to innovate the design and fabrication of the product—very much in keeping with the school's Industrial Revolution roots. Called 1:1 Precast, the studio is broken down into four portions.

- Research and Experimentation
- Practical Workshops
- · Fabricator and Site Visits
- Multistage Design Project

The goal is that the students develop a deep understanding of the material, both physically and conceptually, to promote design through experimentation without being over-burdened by convention. By the end of the semesters, this is achieved in part by working closely with precasters in the area, 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.

Local PCI Partners: PCI Northeast, Coreslab (CONN) and Blaskeslee Prestress

North Carolina State, Raleigh, N.C.

Spring 2017 was the first year of North Carolina State University School of Architecture (SOA) and Department of Civil, Construction, & Environmental Engineering (CCEE) taught a collaborative design course focused around precast concrete.

For the first weeks of the semester, ARC 503 and CE 675 students studied a noted architectural project that makes innovative use of precast concrete. In interdisciplinary teams, the students analyzed the projects to better understand the role of precast concrete in the overall building design.

Divided into two teams, ARC 503 and CE 675 students designed and fabricated two large-scale, precast concrete cladding panels for qualitative testing. The panels were nonload-bearing and were welded to a steel frame mounted to the CFL shake table. This project illustrated to the students a wide variety of architectural and engineering considerations, including repeatability, mix design, surface finishes and texture, shadow lines and joint widths, construction tolerances, connection stiffness, concrete curing, and more.

The majority of the semester was focused on Project 3—a total

precast design for StoneLine Orchard Cidery in New York's Catskill Mountains. The site was on a steep, north-facing sloped site, next to StoneLine's existing apple orchards. Conceptually, this was a 'real project," meaning that StoneLine Orchard is an existing orchard owned by Melissa DelVecchio and David Whiteman. DelVecchio, a partner at Robert A.M. Stern's office in New York, participated in the final studio review.

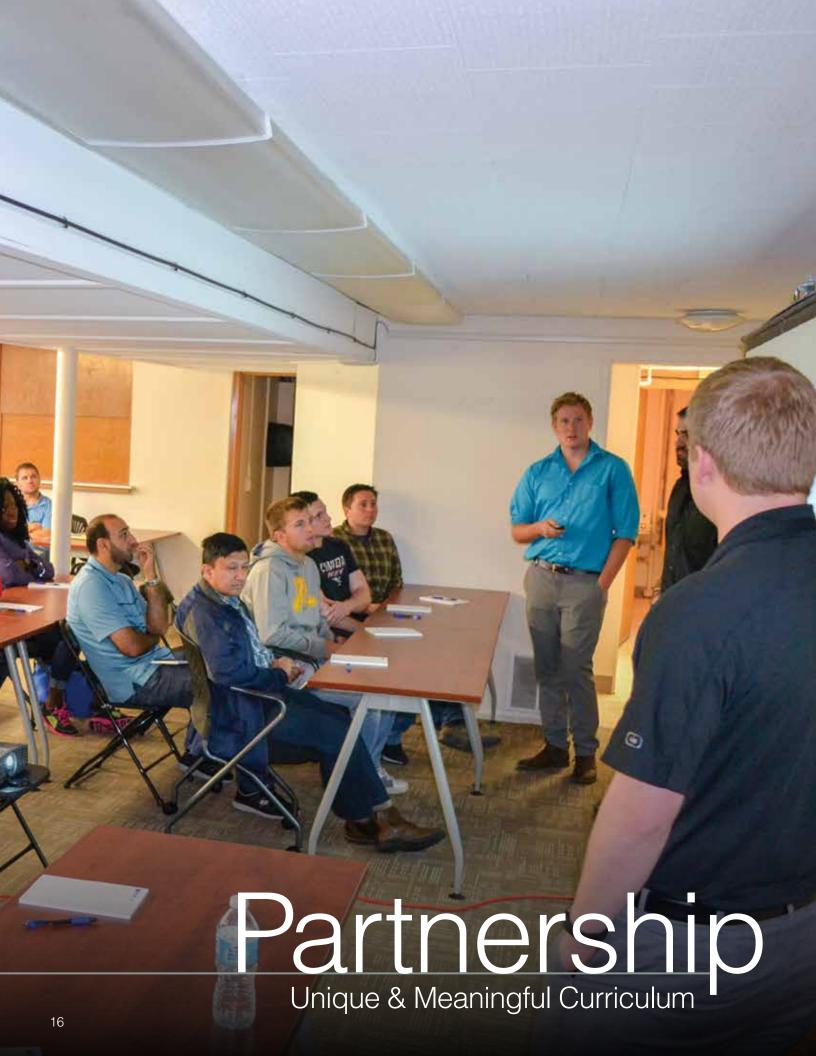
Each ARC student designed the 15,000 ft² building with CE students providing engineering consultancy for each project. The building included production spaces (storage, pressing fermenting, etc.), public event spaces (e.g. tasting room, large event space, terrace), and support spaces (offices, restrooms, etc.).

Students made use of range of precast technology, including fiber-reinforced concrete, hollow-core slabs and double tees, load-bearing and nonload-bearing architectural precast panels, and sandwich precast panels with interior insulation. Precast was a good material and structural solution for this project as it provided a good interior finish surface for the cider production spaces.

Local PCI Partners: Georgia/Carolinas PCI, Gate Precast, Metromont Precast, Tindall Precast, and US Formliner

[The students] were very excited about the visit and got a lot out of it. The ability for them to see and touch the products and processes is something we could never replicate in a classroom. We are all extremely impressed with your plant, and it's clear that you have a fantastic group of people working in Oxford. We appreciate all the support Gate, PCI, and the PCI Foundation have provided to our teaching and research program at NCSU, and we look forward to continuing that relationship.

-Greg Lucier, North Carolina State



Education Projects (continued)

University of Michigan, Ann Arbor, Mich.

This unique program is a required course in the masters of science in digital technologies program at the University of Michigan School of Architecture; 2017 was its second year.

This studio is intended to engage students with the precast industry and is the capstone studio in the post-professional, research-based degree. It is unlike other programs that are more focused on the architectural design rather than the manufacturing process.

This studio is poised to consider the design and production of precast architecture as a form of advanced building research. The students use the resources available in the digital lab that allows them to leverage the power of computationally based design

and numerically controlled machines toward new methodologies, materials, and systems of production. For the precasters involved with this project, Kerkstra Precast and International Precast Solutions, the students' work was challenging and engaging—unlike what the industry typically sees produced, but new ideas that can unleash the possibility for new uses of precast concrete.

Students work was dramatically different, not only in terms of the equipment used to create it, but also in the final design look and possible uses for the future. Folding concrete that could be shipped flat, using shrink wrap techniques to create the mold, and robotically cut 3-D molds creating variable cast elements.

Local PCI Partners: PCI Central, Kerkstra Precast, and International Precast Solutions

Minnesota State University at Mankato, Mankato, Minn.

This is the fourth year of a program for the PCI Foundation which kicked off during the fall of 2014 at the Minnesota State University, Mankato. It is a collaboration between the civil engineering and construction management programs at Minnesota State University, Mankato and Wells Concrete Products Inc. This program focuses on civil engineering and construction management undergraduate students.

New courses in Prestressed Concrete Design and Risk Management were developed and taught for the fourth year, providing undergraduate civil engineering and construction management students access and understanding of unique attributes of precast concrete to aid in their design and construction. Another important part of the program is the introduction of Building Information Modeling and how it can be shared between the engineer and contractor.

Throughout the last four years, the staff at Wells Concrete in Minnesota worked closely with the students and provided them with drawings and information on various projects. Lectures in the classroom were supplemented with tours to the plant and jobsites, and by papers written by students as part of their coursework.

Changes were developed in the construction equipment class with 38 enrolled students that was taught by Dr. Diab. The introduction of precast installation techniques and the critical risks in site logistics and management has been an added value to this class. In 2017, Wells provided students more specific information about the current changes related to production and installation safety requirements, and professionals from the company visited the class and shared the updated projects manuals and installation procedures.

Local PCI Partners: PCI Midwest and Wells Concrete Products Inc.

University of Texas at Arlington, Arlington, Tex.

Students at the University of Texas at Arlington (UTA) working with Associate Professor Bradley Bell have taken advantage of opportunities to work with local precasters in order to use their time to advance precast concrete material technology and material innovation. The innovation begins with a trip to the Gate Precast plant in Hillsboro, Tex., where students see today's state of the art fabrication methods. In addition, the class has also introduced a trip to Hamilton Form, located in Ft. Worth, Tex., to observe the production of large-scale formwork production. From there, they use new technologies and digital fabrication methods to research new materials and methods that might, in years to come, change the way precast is fabricated.

Performative Precast is a 3-year program of integrated design and seminar courses for upper and graduate level students. The design studio course is taught in the fall and the seminar course takes place in spring.

Manifold Concrete Systems is a graduate design studio course focusing on the implementation of applied research methods as a means to explore new developments in performative architectural components. Specifically, these components, regardless of scale and functional application, synthesize the interaction of the material properties, geometry, and contextual forces. Furthermore, these components leverage the use of precast concrete means and methods to conduct research. Students undertake a demanding semester-long project following specific research methodology resulting in quantifiable results for the purpose of application and future development.

Local PCI Partners: PCMA of Texas, Gate Concrete Hillsboro and Hamilton Form



Education Projects (continued)

University of Washington, Seattle, Wash.

2017 was the second year of the PCI Foundation Studio at the University of Washington. As in the previous year, the program started with a graduate-level architectural design studio in the Winter Quarter (January 2017, co-taught with Jim Nicholls) and has continued as a targeted graduate research study in the Summer Quarter (June-August 2017). This program built off the experience of the previous year, allowing students to design with precast concrete in thoughtful yet responsible ways. The studio again connected students to the community of precast professionals in the Pacific Northwest, as a useful network in their emerging careers.

The students were challenged to design the 'parking garage of the future'—a flexible transit hub capable of accommodating the changing transportation needs of major cities. While precast has been widely successful in providing parking structures for single-occupant, internal combustion engines, this studio utilizes precast to support electric vehicles, car-share programs, bicycle parking, as well as pedestrians and light rail rides.

The studio was offered as Architecture 501, a required graduate-level studio at the University of Washington. In the Winter Quarter, studio had 11 graduate students enrolled and employed a graduate student assistant, Sarah Chan, a student from the previous year's precast studio. As part of the process, the studio surveyed existing precast structures, toured precast facilities, designed small-scale castings, and embraced industry feedback.

Students embraced a simple program (flexible space of a parking garage) on a challenging site (urban, near light rail), and worked within the material and structural emphasis to develop provocative and thoughtful architectural proposals. Once again, the students produced a range of design projects showing the qualities and potentials of precast concrete.

The studio was supported by a robust network of local partners, led by Catrina Walter from ABAM Engineers. Other included Concrete Technology Corporation (Dan Miller), Oldcastle (Chuck Prussack), Knife River Prestress (Dusty Andrews), Vector Structures (Alex Mihalov), DLR Group (Bill Valdez), and Kirk Buhne (formerly Encon NW). The studio toured the architectural precast plant, Olympian Precast in Redmond, Wash., hosted by Kevin and Clarke Jewell.

The studio greatly enhanced the students' understanding of the flexibility and diversity of solutions offered by precast. As a result, two graduate students chose to continue their design ideas in a research setting over the summer—pursuing advanced 3D-printed, and complex curvature formwork systems.

The industry partners provided an invaluable element of the students' experience. The students in this studio were less than 2 years away from working in high-end architectural offices throughout the United States, and able to make their precast experience an immediate part of their professional portfolio.

Local PCI Partners: ABAM Engineers, Concrete Technology Corp, Oldcaste, Knife River Prestress, Vector Structures, DLR Group and Encon NW

Washington University, St. Louis, Mo.

Washington University in St. Louis, Mo., used its PCI Foundation grant as part of the 2017 Solar Decathlon entry they created. Hongxi Yin and Pablo Moyano headed up a group of students from the schools of architecture and construction management.

In fall 2015, Yin and Moyano offered the first of four semester—long studios. Students began by creating individual proposals, which gradually merged into a final design. They also investigated sustainable strategies for heating, cooling, and ventilation, looking for ways to reduce and/or offset energy consumption while still maintaining a comfortable, functional space.

Meanwhile, computer science students, working under the direction of Chenyang Lu, the Fullgraf Professor in Computer Science & Engineering, developed a custom operating system for the

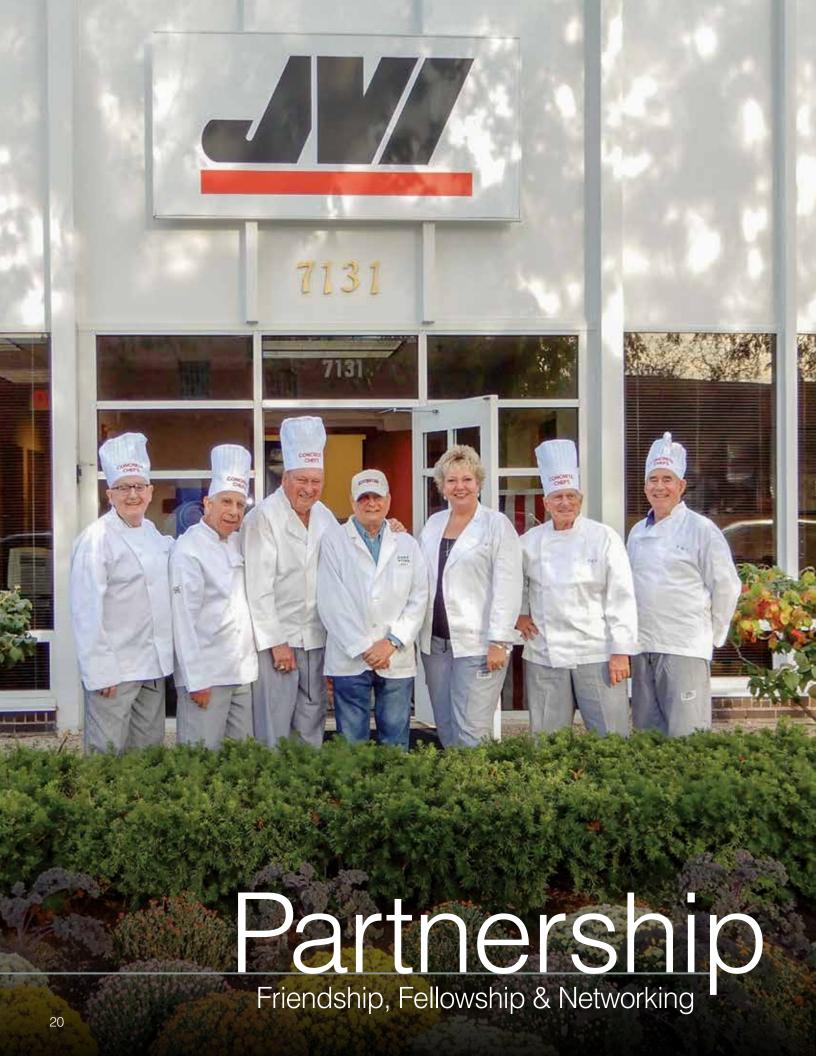
house. Yin and Adjunct Engineering Professor Tim Michels co-taught a course on building energy.

In all, more than 100 graduate and undergraduate students participated.

Students assembled precast components from five different precast manufacturers to give a "first look" at the project in the summer of 2017. Afterward, the home was disassembled and brought to the Solar Decathlon in Denver, October 5-15, 2017.

The house consisted of a single precast concrete structure intended as a demonstration of integrated advanced building technology and a compelling alternative to traditional wood, light-frame construction.

PCI Partners: Dukane Precast, Ben Hur Construction, Encon United, Ductal, LafargeHolcim, Gate Precast, Gibbons Erectors,
Lafarge Holcim, Lombard Architectural Precast, PCI of Illinois & Wisconsin, PCI Mountain States, Portland Cement
Association, Rocky Mountain Precast, St. Louis Prestress, St. Mary's Cement, SIKA Corporation, Thermomass
and US Formliner Inc.



Fundraising Events

Concrete Chefs Dinner

Each year during the PCI Committee Days meeting in Chicago, III., Jim Voss of JVI Inc. opens his company and brings in a number of industry friends to cook dinner for all the attendees. More recently, the event has been a fundraiser for the PCI Foundation, and it raised about \$8000 for the Foundation in 2017.

For a small donation, each attendee receives a fun evening with a gourmet dinner and an open bar. Having the entire conference together in a casual way is a once a year occurance. "My favorite part of Concrete Chefs is the gathering in the relaxed atmosphere and the great food and drinks," says Keith Wallis of Prestressed Casting Co., who attended the 2017 event.

"My favorite part of the concrete chefs, beside the food, is the friendship, the fellowship, and the networking. I have really always appreciated that Jim Voss and his whole team cook all day and work all day putting this together. I think that this is THE precast industry event of the year and its so nice that it is done for the PCI Foundation," says Ken Kruse of BASF. "Great people and a great industry."

The 2017 Chef team included:

Jim VossTed CoonsTom D'ArcyChuck MagnesioNancy PetersonDick Taylor

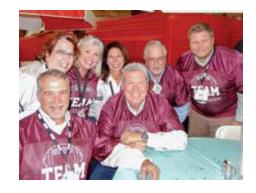
Bob Vitelli

During the fundraiser, those donors to the PCI Foundation who are Sustaining individual contributors are encouraged to wear their "Team PCI Foundation" jerseys.

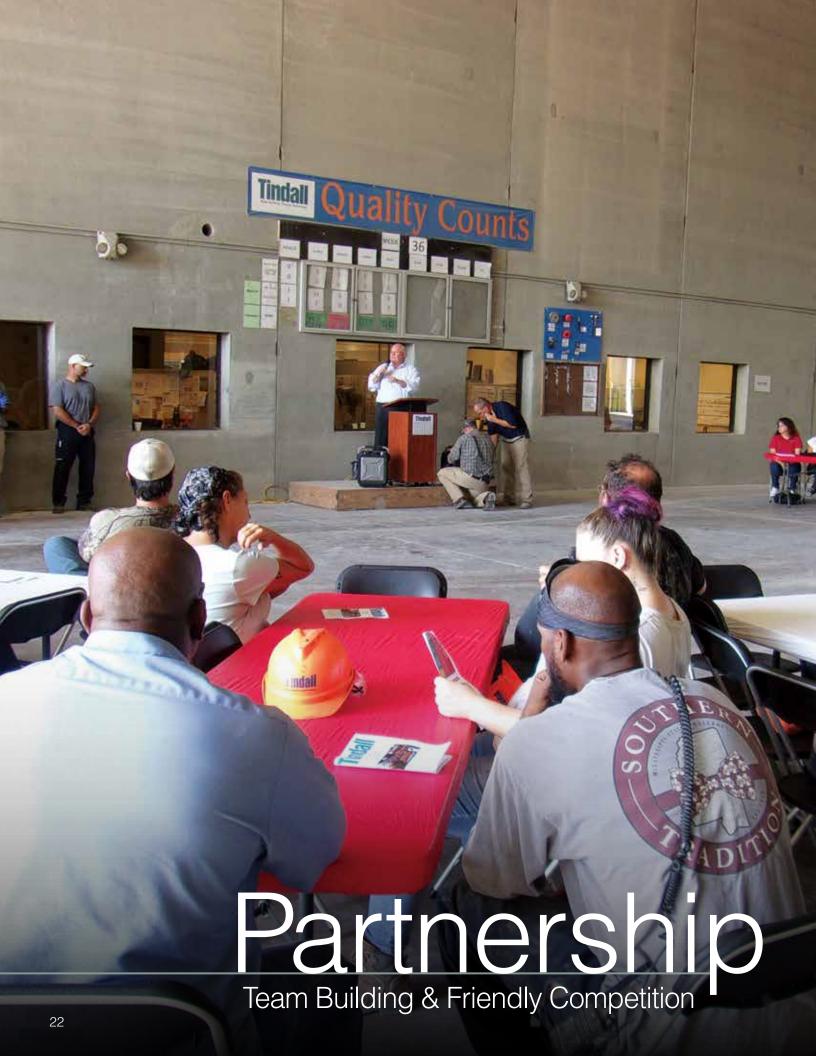
After Dark Has Record Attendance, Raises Funds For Studios

The PCI Foundation "After Dark" fundraiser had record attendance during the PCI Convention in Cleveland, Ohio. The goal of this event is to allow attendees to meet professors teaching precast programs in conjunction with the PCI Foundation in a relaxed and fun atmosphere. "Talking even a few minutes to some of the professors in our programs gives folks the opportunity to see what a difference we are making in the state of precast concrete education," says Dean Gwin, chairman of the PCI Foundation.

In addition to enjoying music and cocktails, attendees were able to participate in this year's silent auction, chaired by Marianne Methven of Hamilton Form and Ray Clark of US Formliner. The silent auction raised about \$11,000 and the After Dark event raised another \$10,000. The fundraiser was sponsored by BASF, Hamilton Form, and Thermomass.







PCIF Barbecue Competition



Tindall Mississippi Wins PCI Foundation BBQ Competition

Tindall's plant in Moss Point, Miss., was declared the winner of the 2017 PCI Foundation BBQ Competion, raising \$13,708.52 to support new precast education programs for schools of architecture, engineering, and construcution management. Valeri Wager of Tindall oversaw the BBQ for 105 people including both employees and subcontractors, a raffle for vacation time and other prizes, a vendor fair of subcontractors, with

southern BBQ chicken, pulled pork and brisket on the menu. This was the first time the plant entered the competition.

A trophy honoring the winning plant was during the PCI Convention in February 2018 in Denver, Colo., and the plant will receive a new commercial grade grill from competition sponsor, GCP Applied Technologies.

This year, 17 events took place during September and October, raising more than \$57,000 for the PCI Foundation and feeding more than 1800 people with food that varied from brisket to barbeque to rattle snake. Each event is unique in that it planned and executed to work for the individual plant, but all have the goal of both raising funds for the PCI Foundation and raising industry awareness about the work done by PCIF. Many plants used the event as a way to entertain customers, while others focused on employees and family.

Other Prizes Awarded in 2017 include:

Family and Friends Award (highest number of employees inviting family and friends) **Gate Precast**, *Hillsboro*, *Tex*.

Student Attendees

Wells Concrete, (all locations)

Most Unusual Menu Item

Gate Precast, Hillsboro, Tex.(rattlesnake)

Most Unusual Fundraiser

Gate Precast, Winchester, Ky. - Bow Shooting Competition (3rd Annual)

Best Team Building

Gate Precast, Kissimmee, Fla. ("I Survived the PCI Foundation BBQ" tee shirts for all)

Best Event Photo

Gate Precast, Kissimmee, Fla. (Roast Pig with Hard Hat)

100% Award (100% of Employees Attended)

Gate Precast, Hillsboro, Tex.
Gate Precast, Winchester, Ky.
Gate Precast, Winchester, Ky.
Wells Concrete, Albany, Minn.

Wells Concrete, Grand Forks, N.Dak. Wells Concrete, Maple Grove, Minn.

Wells Concrete, Rosemount, Minn.

Many companies used the event for team building, and included a tailgate party (Enterprise Precast), a Brisket Competition with 10 employees participating (Gate Hillsboro), a vendor fair (Tindall Mississippi), raffles for vacation time for employees (Tindall Spartanburg and Gate Kissimmee). Another favorite fundraiser for several events is the dunk tank with a the plant manager or another good sport inside.



Many thanks to all the companies that participated:

Enterprise Precast/Endicott Thin Brick, Omaha, Neb.

Gate Precast, Ashland City, Tenn.

Gate Precast, Hillsboro, Tex.

Gate Precast, Jacksonville, Fla.

Gate Precast, Kissimmee, Fla.

Gate Precast, Monroeville, Ala.

Gate Precast, Oxford, N.C.

Gate Precast, Pearland, Tex.

Gate Precast, Winchester, Ky.

Mid-States Precast, South Beloit, III.

Tindall Concrete, Moss Point, Miss.

Tindall Concrete, Petersburg, Va.

Tindall Concrete, Spartanville, S.C.

Wells Concrete, Albany, Minn.

Wells Concrete, Grand Forks, N.Dak.

Wells Concrete, Maple Grove, Minn.

Wells Concrete, Rosemount, Minn.

Start planning now to make a splash in 2018 at the 4th Annual PCI Foundation Barbecue Competition.



Special Donation Funds

Donald L. Faust Sr.

Donald L. Faust Sr., founder of Universal Concrete Products, died September 15, 2017. He was 87.

Faust graduated from Tri-State College in Angola, Ind., in 1952, before serving in the U.S. Army during the Korean War.

Faust's career in civil engineering began the 1950s with American Marietta and Pottstown Newcrete in Pottstown, Pa., and Kenvil Newcrete in Kenvil, N.J. He worked for Boeing Aircraft in Ridley Park, Pa., prior to founding Universal Concrete Products in 1967 in Stowe, Pa., which grew to include plants in Waco, Tex.; Laredo, Tex.; Sarasota, Fla.; Kissimmee, Fla.; Savannah, Ga.; and Folsom, N.J.

Faust mentored many engineers and other professionals in the precast concrete business. As an active member of the industry and PCI, he served on the PCI Board of Directors in both the 1980s and 1990s and was named a PCI Fellow in 2003. He was member of the Architectural Precast Concrete, Program Planning, and Board Nominating Committees. Contributions to the PCI Foundation in Donald Faust's Memory were received from:



Nancy Anderson Merrill Lynch, The Zalinsky Team

Len Anthony

Axis Realty Partners

Evelyn M. Sobel

William Clayton

Carol and Mark Cotton

Doug Sutton

Donald L. Faust Jr.

Darlene Veghts

Fergeson Skipper Shaw Keyser Baron Helmuth & Mary Lou Wilden

& Tirabassi P.A.



Donald L. Faust Sr.

50th Anniversary of PCI Certification

In 2017, the PCI Certification program turned 50. For those 50 years, PCI set the standards and developed the knowledge for the design and construction of precast concrete structures. This feat is set on the foundation of millions of dollars of research, dozens of technical guides and manuals, a network of over 80 committees, PCI's professional and experienced staff, and the support of over 2,000 PCI members. A key to making this program work has been the partnership with Ross Bryan & Associates, the auditor that works with PCI.

To acknowledge the 50th Anniversary fund, Ross Bryan started the "50th Anniversary Fund" in 2017. Contributors to this fund include:

Cresset Chemicals PCI Midwest
GCP Applied Technologies PCI Northeast
Georgia/Carolinas PCI PCI Mid Atlantic

PCI Mountain States Ross Bryan & Associates







Leadership Circle

What is the Leadership Circle?

Some of the most committed donors have stepped up in the last 10 years to help the PCIF become exceptional. We are grateful for their generosity and feel it is important to recognize supporters who have contributed to the PCI Foundation's success over time.

To that end, we have singled out a "Leadership Circle" to recognize the cumulative giving of the select few who have carried the largest share of the PCI Foundation through its humble beginnings to our current robust programs.

Corporate Givers

Platinum Circle \$500,000 plus

Gate Precast

JVI Inc.

Gold Circle \$250,000 to \$499,999

Coreslab Holdings US Inc.

Encon United

Shockey Group, The

Bronze Circle to \$50,000 - \$149,999

BASF Construction Chemicals Inc.

Blakeslee Prestress

Charles Pankow Foundation

Clark Pacific

Consulting Engineers Group, The

Hamilton Form

Metromont Corp.

Oldcastle Precast Building Systems

Ross Bryan Associates

SIKA

Spancrete

Tindall Corp.

Wells Concrete

Cumulative Donations Received January 1, 2001 - December 31, 2017



Individuals

Platinum \$50,000 plus

James R. Voss

Gold (\$25,000 to \$49,000)

Gary Oakes
Jim Sorensen

Silver (\$10,000 to \$24,999)

Ned Cleland

Thomas & Marie D'Arcy

Donald L. Faust Jr.

Greg Force

Bruce Hartup Thomas Hsu

Daniel Jenny

Ed Knowles

Robert H. Konoske

Ed Knowles

Mike & Diane Malsom

Clyde Poovey

Donald & Ginny Raths

Bronze (\$5,000 to \$9,999)

Matt Cherba

Neil M. Hawkins

Patrick and Rhonda Hynes

Michael & Ginger Lanier

Chuck Magnesio

Robert S. McCormack

Martha H. McIntyre

Marianne Methven

Christopher & Tina Pastorius

William F. Simmons III

Doug & Ellie Sutton

Richard & Judy Taylor

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Givers (\$1,000 to \$4,999)

Todd & Cathy Adams

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Carl Harris

David Chapin

William Clayton

Lynn and Ted Coons

Bill Daily

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Tom & Connie McEvoy

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John Saccoman

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John Stanton

James Toscas

Hulmuth & Mary Lou Wilden

Gary Wildung

Chuck Wynings

Cumulative Donations Received January 1, 2001 - December 31, 2017

2017 Donations

All donations received between January 1, 2017 and December 31, 2017

Corporate Donors

Patron \$500,000 Plus

JVI Inc.*

Partner \$250,000 to \$499,999

Coreslab*

Metromont*

Wells Concrete*

Sponsor \$100,000 to \$149,999

Clark Pacific*

Advocate \$50,000 to \$99,999

BASF Construction Chemicals Inc.*

Consulting Engineers Group, The*

Encon United

Molin Concrete Products*

Sumiden Wire Products Corp.*

Supporter \$25,000 to \$49,999

Cresset Chemical Co.

Gage Brothers Concrete Products*

GCP*

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Gate Precast

Kerkstra Precast Inc.

PCI Of Illinois & Wisconsin*

Tindall Corporation, South Carolina

Division

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FDG

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Illini Concrete Company of Illinois

PENNSTRESS, A division of MacInnis

Group LLC

Prestressed Casting Co.

Spillman

Contributor - All other donations

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Ammon Products Co

ATMI Precast, Paul Carr

Axis Realty Partners

BergerABAM

Boral Material Technologies Inc.

Brooks Construction LLC

C.L. Dews & Sons Foundry & Machinery

Canadian Precast/Prestressed Concrete

Institute

Carl Harris Co. Inc.

Cement Technology

Christensen Specialty Division Inc.

Clark, Ray

Coastal Corrosion Enterprises Inc.

Coons. Ted

Dynamic Color Solutions

Endicott Thin Brick & Tile LLC

Enterprise Precast Concrete

Essve Tech Co.

Evergreen Transport LLC

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Fergeson, Skipper, Shaw, Keyser, Baron

& Tirabassi P.A.

Fister Quarries

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International Concrete Products Inc.

Iowa Steel & Wire

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Merrill Lynch, The Zalinsky Team

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Midway Supply Company Inc.

MSE - Mississippi Export Railroad Co.

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Nelson Stud Welding Inc.

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PCI Central

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Penhall Company

Pre-Con Construction Inc.

Precast Erectors Inc.

Precast Services

Precision Precast D & E Inc.

Ram Tool Construction Supply Co.

RATEC LLC

RC Cast

RL Swope & Associate Inc.

Russell Cast Stone

S'n'S Erectors Inc.

Sika Corporation

Splice Sleeve North America

Statler Nagle

Suwannee American Cement LLC

Thermomass

Threaded Fasteners Inc.

Tindall Corporation, Virginia Division

TSI (Technical Services International)

Vulcan Materials Company



^{*} Signifies a multiyear pledge

Individual Donors

Gold \$25,000 to \$49,999

Jim Voss

Bronze \$10,000 to \$24,999

Donald L. Faust Jr.

Thomas Hsu

Copper \$5,000 to \$9,999

Todd Adams David Chapin Matt Cherba Greg Force

Dean Gwin Carl Harris

Patrick Hynes Gregg Jacobson Tom H. Kelley

Ruth Lehmann Chuck Magnesio Michael Malsom Martha McIntyre

Marianne Methven Charles Pizzano

Bob Risser

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Jim Sirko

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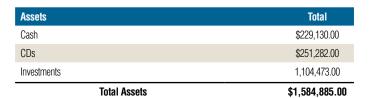
Chuck Wynings Heidi Ziemann

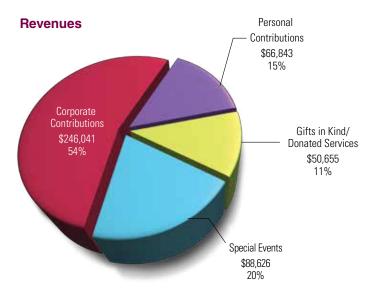


Financial Highlights

Revenue	Total
Corporate Contributions	\$246,041.00
Personal Contributions	\$66,843.00
Gifts in Kind/Donated Services	\$50,655.00
Special Events	\$88,626.00
Total Revenues	\$452,165.00

Expenses	
Awards & Grants	\$224,000.00
Professor & Student Travel	\$34,000.00
Conferences & Meetings	\$6,500.00
Support Services	\$150,000.00
Special Events	\$6,800.00
Total Expenses	\$421,300.00





	TOTAL committed	\$243.000.00	\$213,000,00	\$178,000,00	\$86.562.00
Tulane		\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
Colorado State		\$25,000.00	\$25,000.00	\$15,000.00	\$16,562.00
Arizona State University		\$25,000.00	\$20,000.00	\$20,000.00	\$20,000.00
University of Wisconsin Milwaukee		\$18,000.00	\$18,000.00	\$18,000.00	
University of Minnesota Duluth		\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
University of Arizona		\$25,000.00	\$25,000.00	\$25,000.00	_
Georgia Tech		\$25,000.00	\$25,000.00	\$25,000.00	_
North Carolina State		\$25,000.00	\$25,000.00	\$25,000.00	_
University of Michigan		_	\$25,000.00	_	_
University of Washington		\$25,000.00	_	_	_
University of Colorado Denver		\$25,000.00	_	_	_
Long-Term Liabilities / Grants		2018	2019	2020	2021



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