Greg Force, chair of the PCI Research and Development Council, is pleased to announce the award of four Daniel P. Jenny Research Fellowships for the 2019/2020 academic year. The program connects professors and students with industry experts to advance research in precast concrete. It is a unique experience where both industry and academics benefit from the interaction. We especially thank all the producers who support universities proposing research ideas.

The four students awarded fellowships are:

Shane Oh
University of Notre Dame
“Precast Buckling Restrained Braced Frames for Seismic Regions”
Advising Professor: Yahya (Gino) Kurama
Producer support: Metromont Corporation, Clark Pacific

In his application, Shane stated “...I realized that the benefits of precast concrete over cast-in-place concrete, such as better quality control and shorter construction time, would allow research of precast concrete frame bracing systems to have a greater impact on construction costs.”
University of Texas at San Antonio
“Unified Blast Response Limits for Precast Concrete Wall Panels”
Advising Professor: Adolfo Matamoros
Producer support: Tindall Corporation
Additional Support: Baker Engineering and Risk Consultants, Inc.

In his application, Thomas stated “I am motivated to bring my practical experience into a research setting, as I understand the present deficiencies, and see the need to improve current precast design practice.”

Hannah Dillingham
Clemson University
“Buckling Restrained Braced (BRB) Frames in Precast Structures: Initial Investigation of Connection Behavior”
Advising Professor: Laura Redmond
Producer Support: Metromont Corporation, Tindall Corporation
Additional Support: Structural Design Group

In her application Hannah stated, “The prospect of being involved in a project that could impact the precast industry and practicing engineers in such ways is exciting.”
In his application Rongxuan stated, “With a combined strength of 3D scanning expertise and data analytics skills, I felt very confident to be a part of this team.”