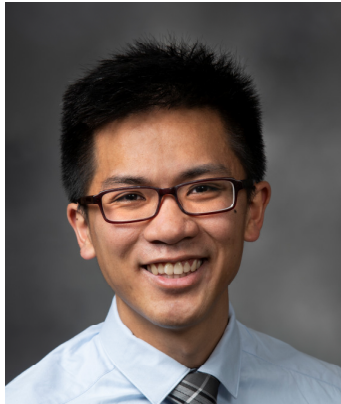**Daniel P. Jenny Research Fellowship awards announced**
2019 – 2020

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."

Thomas Mander

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."

Rongxuan (Raphael) Wang
Virginia Polytechnic Institute and State University
"3D Scanning for Process Monitoring and Quality Control in Precast/Prestressed Concrete Industry"
Advising Professors: Xiaowei Yue, Zhenyu (James) Kong
Producer Support: Tindall Corporation, Unistress

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."