

**Daniel P. Jenny Research Fellowship awards announced  
2018 – 2019**

The PCI Research and Development Council continues to support a strong fellowship program with the announcement of five Daniel P. Jenny Research Fellowship awards for the 2018/2019 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 five students awarded fellowships are:



Jonathan Eric Pinto

The Citadel Military College of South Carolina

"Establishing a Minimum Length of Pile Confinement Reinforcing for Areas of Low, Moderate, and High Seismicity"

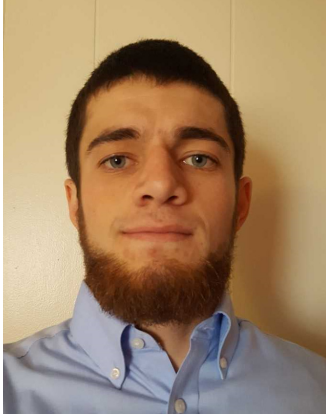
Advising Professor: Timothy Mays

Producer support: Concrete Technology Corporation, Standard Concrete Products

Additional support: S&ME, Inc., Precast Systems Engineering, Pile Driving Contractors Association of South Carolina

In his application, Jonathan stated "I have always been very interested in precast concrete given its excellent performance on actual jobs and the quality control that comes naturally with every project."

---



Cole Mertz

The Ohio State University

"Life Cycle Assessment of Precast Parking Structures to Enhance Durability and Structural Performance"

Advising Professor: Halil Sezen

Producer support: Prestress Services Industries, Sidley Precast Group, Coreslab Structures (Indianapolis)

Additional support: CampusParc

Cole stated "The possibility that the research I do could have an impact in not just the design and repair of a handful of parking garages but in that of garages all over the country is a truly incredible thought."

---



Sayali Joshi

Mississippi State University

"Implementing Virtual Reality Technology on Early Career Training in Precast Prestressed Concrete Industry"

Advising Professors: Junfeng Ma, Wenmeng Tian

Producer support: Tindall Corporation

Sayali noted in her application "A proper training can be given to the employees, which will give them real life experience of different scenarios of everyday work along with the consequences of avoiding safety requirements."

---



Anne O'Donnell

University of Notre Dame

"Ductile High-Strength Steel Coiled Strips as Confinement Reinforcement for the Accelerated Construction of Precast Structures"

Advising Professor: Ashley Thrall

Producer support: StresCore, Coreslab Structures (Indianapolis), Kerkstra Precast

Anne stated in her application "One of the most exciting aspects of the proposed project is the opportunity it provides to collaborate with three precast producers which will also enable me to build a professional network with the precast concrete industry."

---



Ting-Wei Wang

Purdue University

"Anchoring to Lightweight Concrete: Strength Reduction for Post-Installed Anchors"

Advising Professor: Christopher Williams

Producer support: Coreslab Structures (Indianapolis)

Additional support: Stalite Structural Lightweight Aggregate, Trinity Lightweight, DeWalt, Hilti, ITW, Simpson Strong-Tie

In his student statement, Ting-Wei Wang noted "I realized that using precast concrete offers many benefits compared to cast-in-place concrete, such as improved quality control, shorter construction time, and lower construction costs."