

**Daniel P. Jenny Research Fellowship awards announced
2016 - 2017**

At the recent Convention meeting of the Research and Development Council, nineteen applications for Daniel P. Jenny Research Fellowships were reviewed. The quality of the applications was very strong and five were awarded for the 2016-2017 academic year. It has also become very clear to proposers that producer support is necessary to be considered for funding, so thank you to all the producer members who worked with the universities on their proposals. The five students awarded fellowships are:



Natalia Cardelino
Georgia Institute of Technology
“Assessment of Limestone Blended Cements used in Self-consolidating Concrete”
Advising Professors: Kimberly Kurtis and Russell Gentry
Supporting Producers: Tindall Corporation and Metromont

In her fellowship application, Natalia stated “Combining my past work experience including familiarity with concrete precast suppliers and my current research interests will enable me to produce industry relevant research that enhances our knowledge of concrete material science.”



Meghan McCutcheon
North Carolina State University
“Precast Segmental Cylinder Piles with Corrosion Resistant Transverse Reinforcement”
Advising Professor: Gregory Lucier
Supporting Producers: Bayshore Concrete Products Corporation and the Altus Group

In describing her interest in this project, Meghan stated “....the tangible outcomes from this research that could benefit precast fabricators and project owners are very exciting. The practical benefits of our

proposed research and the direct involvement with industry further motivate my interest in this project.”



Carolina Boscarino

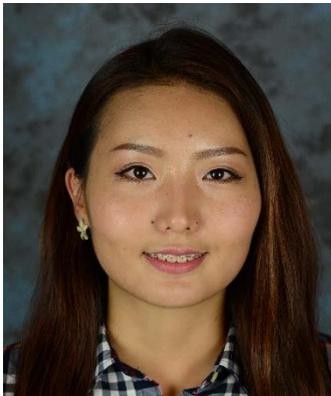
University of Alabama at Birmingham

“Economical Thermal-Mechanical Precast Concrete Systems Comprised of a Polymerized Sandwich Structure”

Advising Professor: Thomas Attard

Supporting Producer: Tindall Corporation

Carolina expressed a strong interest in this work stating “I feel the amazing benefits of CHMC to the precast industry and to civil engineering society in general – along with my own personal amazement with PSC and how this research proposes to include CHMC into it – provide me with a one of a kind opportunity to invest in my future as a future civil engineer interested in precast concrete.”



Otgonchimeg (Audrey) Davaadorj

University of Washington

“Shear Stress Transfer across Steel to Concrete Interfaces and Effects of Dowel Action”

Advising Professor: Paolo Calvi

Supporting Producer: Metromont

Audrey recognizes the importance of the industry stating “...through the research project I hope to learn more about the precast and pre-stressed concrete industry, which I am passionate about the most within the Structural Engineering field.”



Puneet Kumar

Michigan State University

“A Framework for Performance - based Fire Design of Precast Prestressed Concrete Structures”

Advising Professor: Venkatesh Kodur

Supporting Producers: Kerkstra Precast and Coreslab Structures (Indianapolis)

Puneet commented on his future in his application. “While working in design I would further promote prestressed concrete over other options due to its versatility and durability in the civil infrastructure.”