Graduate Student Opportunity

Name of Project:
Mechanical Characterization of Ultra-High Performance Concretes for Next Generation Transportation Infrastructure

Graduate Level:
MS/PhD

Description of Position:
The position will require knowledge of Finite Element software and user subroutines to develop a general three-dimensional constitutive relation for Ultra-High Performance (UHP) concrete or ability to acquire such knowledge within reasonable time frame. The graduate student working at this position will be also responsible for extensive literature review, specimen preparation and mechanical characterization of the UHP concrete in the laboratory and further data processing and analysis using statistical software (i.e. Minitab, Matlab).

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