**Undergraduate Research Assistant Position Available**

The Advanced Civil Engineering Materials Research Laboratory (ACE-MRL) offers a research assistant opportunity for undergraduate student for this summer. The research topic will focus on environmental impact assessment of ductile Engineered Cementitious Composites (ECC) for waste utilization and carbon sequestration. Due to the COVID-19, the research program will be conducted remotely and will be based on literature survey, and data collection and analysis. The successful applicant is expected to have a basic understanding of the underlying concepts of concrete design and sustainability, and to demonstrate the capability of effectively identifying and synthesizing scientific information and statistics. Preferable skills also include lifecycle modeling, uncertainty analysis, and application of data mining approaches. The expected outcome of this assistantship is to develop in-depth understanding of ECC’s environmental impact and to help strategize future R&D on sustainable infrastructure materials.

This position funded by the National Science Foundation will pay $14/hour, and the successful candidate is expected to be working about 35 hours per week. The position is available immediately and until it is filled. The current end-date is July 31st 2020, but may be extended based on performance and funding availability.

Please apply to Dr. Duo Zhang, at [duzhang@umich.edu](mailto:duzhang@umich.edu). Include a copy of your CV, and explain why you feel you are particularly suitable for this position.