

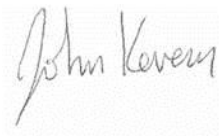
Scholarship selection committee;

Please accept this letter of recommendation supporting Ryan Holmes for the DJ Belarbi graduate scholarship. Ryan is currently a MS student scheduled to graduate with his MS Spring 2016 with an interest in a PhD. I first met Ryan as student in my undergraduate Civil Engineering materials course several years ago where he had an interest in cement and cement chemistry.

Ryan is currently researching the application of waste fly ashes (high carbon and high sulfur) as chemical modifiers to pervious concrete for pollutant removal. His research currently focuses on using pervious concrete as a permeable reactive barrier for groundwater treatment. He has developed pervious concrete that has >98% removal capacity for heavy metals and will transition to nutrients shortly. His research represents an order of magnitude better removal and at an order of magnitude lower cost than the current best available technologies. His initial success means he will become an expert in pollutant removing concrete.

He belongs to Tau Beta Pi honor society and Chi Epsilon honor society while maintaining a high GPA and performing research. He has creativity for innovative concrete solutions and will be an asset to the concrete industry upon graduation. Ryan would be an excellent recipient of the ACI scholarship and ambassador for ACI when he completes his degree and joins our industry. If you would like to discuss his application further please contact me at (kevernj@umkc.edu or at 816-235-5977).

Sincerely,

A handwritten signature in black ink that reads "John Kevern". The signature is written in a cursive, slightly slanted style.

John T. Kevern