

ROYCE FLOYD – GRHS Class of 2004



Royce Floyd graduated from Glen Rose as valedictorian in 2004. During his time at Glen Rose he was a member of the football, basketball, baseball, and track teams and was involved in a number of organizations including FCA, FFA, FBLA, Future Problem Solving, and Quiz Bowl. He attended the University of Arkansas at Fayetteville on an Honors College Fellowship where he majored in civil engineering. He graduated with a Bachelor of Science in Civil Engineering in 2008 and was named a First Ranked Senior Scholar by earning a 4.0 cumulative GPA. He was persuaded to stay at the University of Arkansas as a graduate research assistant to pursue a Ph.D. in civil engineering and earned a Distinguished Doctoral Fellowship from the University of Arkansas and an American Concrete Institute President's Fellowship to support his work. His Ph.D. research focused on behavior of self-consolidating concrete and prestressed concrete. During his time at the University of Arkansas, Royce was very involved with the Missionary Baptist Student Fellowship (MBSF) including participating in several mission trips. He is a dedicated Razorbacks football fan, only missing two home games during his eight years in Fayetteville.

After finishing his Ph.D., Royce moved to Norman, OK to take a position as an Assistant Professor at the University of Oklahoma. As part of the School of Civil Engineering and Environmental Science, he teaches courses related to structural engineering and supervises research related to concrete structures. His classes include Structural Design – Concrete I, Structural Design – Concrete II, Design of Prestressed Concrete Structures, and Structural Design – Wood. He typically supervises 3-5 graduate students working on various research projects. Some recent projects involved investigating the behavior of concrete made with rapid setting cement, behavior of bridge beams after many years in service, effect of corrosion on concrete bridge beams, and behavior of lightweight self-consolidating concrete. He was also part of a team that studied damage patterns after the May 20, 2013 tornado in Moore, OK, and was part of the group that developed the enhanced City of Moore building code, which is the first in the nation that specifically focuses on resistance to tornados. Royce has been author or co-author of eighteen peer-reviewed journal papers, twenty-two conference papers, and has given nine presentations at national and international conferences.

Royce is very involved with Redeemer Church in Norman where he leads a small group with his wife, Molly. He met Molly through Redeemer in early 2013 when she asked him to help her move a couch for an older lady in the community. They married in 2014 and live in Norman with their dog, Blaine. Royce's family still lives in the Glen Rose area and he makes it back to visit any time he can. His sister is a lawyer in the area and his brother-in-law is a structural engineer in Hot Springs. Royce loves the outdoors and spends all the time he can deer hunting or duck hunting in the fall and winter.

