

1. Name: **Benjamin E. Byard**
2. Education – degree, discipline, institution, year
 - Ph.D., Civil Engineering (Structural and Concrete Materials), Auburn University, 2008 - 2011
 - M.S., Civil Engineering (Structural), Tennessee Technological University, 2006 - 2007
 - B.S., Civil Engineering (Structural), Tennessee Technological University, 2001 - 2006
3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time
 - University of Tennessee at Chattanooga, Visiting Professor, 2012 - 2013 (FT)
 - Auburn University, Graduate Student, 2012 - 2013 (PT)
4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time
 - Tennessee Valley Authority, Dam Safety, performing stability analyses to FERC Criteria, participate in dam safety formal and informal inspections, reviewing stability analysis for technical accuracy, 2013 - Present (FT)
 - Testing, Engineering and Consulting Services, Staff Engineer, 2007 - 2008 (FT)
5. Certifications or professional registrations
 - Licensed Engineer, Alabama
 - ACI Concrete Field Testing Technician Grade
6. Current membership in professional organizations
 - Voting Member of American Concrete Institute's Committee 213, "Lightweight Aggregate and Concrete."
 - Voting Member of American Concrete Institute's Committee 231, "Properties of Concrete at Early Ages."
 - Associate Member of American Concrete Institute's Committee 209, "Creep and Shrinkage of Concrete."
 - Voting Member of ASTM C09 Concrete Materials
 - Treasurer of Chattanooga ASCE Chapter
7. Honors and awards
 - Outstanding Reviewer 2013, ASCE Materials Journal
 - Outstanding Civil Engineering Professor, 2013, University of Tennessee at Chattanooga College of Engineering
 - Auburn University Gottlieb Graduate Student Fellowship of Civil Engineering, 2008.
 - Tennessee Road Builders Association Scholarship, Spring 2005
 - Tennessee Technological University Athletic Department Honor Roll: Fall 2002, Spring 2005, Fall 2005
 - Tennessee Technological University Cross Country Team Captain: 2004, 2005

8. Service activities (within and outside of the institution)
9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation
 - Byard B.E., Schindler A.K., and Barnes R.W. Cracking Tendency of Lightweight Aggregate Bridge Deck Concrete. ACI Materials Journal. Vol. 111, No. 2, March 2014.
 - Byard B.E., and Schindler A.K. Modeling Early-age Stress Development of Restrained Concrete. Materials and Structures. October 2013.
 - Byard B.E., Schindler A.K., and Barnes R.W. Early-Age Cracking Tendency and Ultimate Degree of Hydration of Internally Cured Concrete. ASCE Journal of Materials in Civil Engineering. Vol. 24, No. 8, August 2012.
 - Byard B.E., Schindler A.K., Barnes R.W., Early-Age Autogenous Effects in Internally Cured Concrete and Mortar. ACI Special Publication on Internal Curing, Toronto, Canada, October 21-25, 2012.
 - Byard B.E. and Riec J.P., Optimizing the Sustainability of Concrete Through Internal Curing, ACI Special Publication on Internal Curing, Toronto, Canada, October 21-25, 2012.
10. Briefly list the most recent professional development activities
None in the last five years