

- 1. Name** – Dr. Ayman M. Okeil
- 2. Education** - (degree, discipline, institution, year)
  - Ph.D., Civil Engineering, North Carolina State University, 1995
  - M.S., Structural Engineering, Alexandria University, 1990
- 3. Academic Experience** – (institution, rank, title, time frame, full/part time)
  - Professor, Louisiana State University, 2015 – present
  - Associate Professor, Louisiana State University, 2009 – 2015
  - Assistant Professor, Louisiana State University, 2003 – 2009
  - Visiting Assistant Professor, University of Central Florida, 1998 – 2003
- 4. Non-academic Experience** – (company/entity, title, brief description of position, time frame, full/part time)
  - H.W. Lochner, Senior Structural Engineer, Segmental Bridges, 2000 – 2003, part-time
  - Helmy Consulting, Structural Engineer, Multistory Buildings, 1985 – 1990, part-time
- 5. Certifications or Professional Organizations** -
  - Registered Professional Engineer, Florida
- 6. Current Membership in Professional Organizations** -
  - ASCE
  - ACI
  - AISC
- 7. Honors and Awards** –
  - 2017 Outstanding Reviewer, ASCE Journal of Composites for Construction, Reston, VA, USA.
  - 2014 Michael R. Mangham Memorial Undergraduate Teaching Award, LSU Tiger Athletic Foundation, Baton Rouge, LA, USA.
  - 2010 & 2012 Educator of the Year Award, ASCE Baton Rouge Branch, Baton Rouge, LA, USA.
  - 2005, 2012, & 2017 Outstanding Achievement Award, CEE, Louisiana State University, Baton Rouge, LA, USA.
- 8. Service Activities** - (within and outside of the institution)
  - Graduate Programs Advisor, Department of Civil and Environmental Engineering (2013-present).
  - Strategic Plan Coordinator (2012-present). Department of Civil and Environmental Engineering. Louisiana State University. Baton Rouge, LA.
  - Chair (2010-2013). Teaching/Research Facilities and Space Committee. Department of Civil and Environmental Engineering. Louisiana State University. Baton Rouge, LA.
  - Academic advisor to approximately 18 undergraduate students per semester (Fall 2003 – present).
  - Faculty Advisor, LSU's ASCE Student Chapter (2005-2007, 2008-2012)
    - ACI Awards Committee CAP-SC3 – Chester P. Siess Award for Excellence in

- Structural Research – Member (2005-2006, 2012 – present)
- ACI Committee 440 (Fiber Reinforced Polymer Reinforcement) – Member
- TRB Committee AFF80 (Structural Fiber Reinforced Plastics) – Member
- TRB Committee AFF30 (Concrete Bridges) – Member
- ASCE-ACI joint Committee 343 (Concrete Bridge Design) – Associate Member
- ACI Committee 444 (Structural Health Monitoring and Instrumentation) –Member

**9. Most Important Publications and Presentations (from the past 5 years) – (title, co-authors if any, where published and/or presented, date of publications or presentation)**

- “Louisiana Cast-In-Place Concrete Culvert Load Testing and Modeling for Rating,” (Jun. 13, 2017) 2017 AASHTO SCOBS Bridge Meeting – T-18 Committee, June 11-15, 2017, Spokane, WA.
- Ulger, T., and Okeil, A. M. (2017) “Numerical Analysis of SBS Retrofitted Beams and Design Considerations,” Engineering Structures, Elsevier, Vol. 153, pp. 166-179.
- Ulger, T., and Okeil, A. M. (2017) “Strengthening By Stiffening: FRP Configuration Effects on Behavior of Shear Deficient Steel Beams,” J. of Composites for Construction, ASCE, Vol.21, No. 4.
- Ulger, T., and Okeil, A. M. (2016) “Effect of Initial Panel Slenderness on Efficiency of Strengthening-By-Stiffening using FRP for Shear Deficient Steel Beams,” Thin-Walled Structures J., V. 105, pp. 147-155.
- Dewan, W., Hugget, D., Liao, T., Wahab, M., and Okeil, A. M. (2016) “Prediction of tensile strength of friction stir weld joints with adaptive neuro-fuzzy inference system (ANFIS) and neural network,” Materials and Design, Elsevier, Vol. 92, pp. 288-299.
- Hossain, T., Okeil, A. M., and Cai, C.S. (2014) “Calibrated Finite Element Modeling of Creep Behavior of Prestressed Concrete Bridge Girders,” Structural Journal, ACI, Vol. 111, No.6, pp. 1287-1296.
- Hossain, T., and Okeil, A. M. (2014) “Force Transfer Mechanism in Positive Moment Continuity Details for Prestressed Concrete Girder Bridges,” Computers and Concrete, Techno Press, Vol. 14, No. 2, pp. 109–126.
- Okeil, A. M., Hossain, T., and Cai, C.S. (2013) “Field Monitoring Of Positive Moment Continuity Detail In A Skewed Prestressed Concrete Bulb-T Girder Bridge,” PCI Journal, SPR 13, pp. 80-90.
- Okeil, A. M., Belarbi, A. and Kuchma, D. (2013) “Reliability Assessment of FRP-Strengthened Concrete Bridge Girders In Shear,” Journal of Composites for Construction, ASCE, Vol. 17, No. 1, pp. 91-100.

**10. Most Recent Professional Development Activities -**

- “ENG2: Engineering Engagement for Student Success” Faculty Development Workshop, 2010 (20.0 hrs)
- “Gender Equity in the Classroom Workshop for Faculty” Workshop, 2009. (3.0 hrs)

**11. Courses taught during the most recent academic year by terms -**

- **Fall 2016:** (CE4410 Principles of Reinforced Concrete – CE7405 Statically Indeterminate Structures)
- **Spring 2017:** (CE4460 – Design of Bridges)
- **Fall 2017:** (CE4410 Principles of Reinforced Concrete – CE7410 Structural Reliability)
- **Spring 2018:** (CE4460 – Design of Bridges)