

ABET FACULTY VITAE (2 Page)

Name: Kimberly Warren

Education:

- Ph.D., Civil Engineering, North Carolina State University, 2003
- M.S., Civil Engineering, North Carolina State University, 1999
- B.S., Civil Engineering, Virginia Polytechnic Institute and State University, 1996

Academic Experience:

- UNC Charlotte, Associate Professor, Director of Student Learning and Assessment, January 2016 – Current, Full-Time
- UNC Charlotte, Associate Professor, July 2015 – January 2016, Full-Time
- UNC Charlotte, Associate Professor, July 2013 – July 2015, Part-Time
- UNC Charlotte, Assistant Professor, July 2005 – July 2013, Full-Time
- University of Arkansas, Assistant Professor, January 2003- July 2005, Full-Time

Non-Academic Experience:

- Law Engineering, Project Engineer, Geotechnical Engineering Group, January 1997 – August 1997, Full-Time

Certifications or Professional Registrations:

- E.I., State of Virginia, No. 0420 045920
- 40 Hour HAZWOPER Safety Training, Compliance Solutions, No. 8870
- Nuclear Gage Testing, Troxler Electronic Laboratories, No. 084027

Current Membership in Professional Organizations:

- American Society of Civil Engineers (ASCE)
- American Society of Civil Engineers (ASCE) Geo-Institute
- American Society of Engineering Education (ASEE)
- United States Universities Council on Geotechnical Education and Research (USUCGER)
- Society of Women Engineers (SWE)
- Order of the Engineer

Honors and Awards:

- College of Engineering Graduate Teaching Award, UNC Charlotte, 2008-2009
- Member of Chi Epsilon National Civil Engineering Honor Society
- Member of Tau Beta Pi National Engineering Honor Society

Service Activities (Within and Outside of the Institution):

- COE Faculty Council, Civil Engineering Representative, 201-2017
- University Faculty Assembly Delegate, 2009-2012
- University Faculty Advisory Summer Sessions Committee, 2009-2011
- University Graduate Faculty Representative, 2005-Present

- CEE Curriculum Committee, Spring 2016-Present
- CEE Department FE Exam Committee, 2008-Present
- CEE Focus Area Improvement Team Committee, 2005-Present
- Society of Women Engineers Student Advisor, Fall 2006 – Fall 2012
- Member, Geosynthetics Committee, ASCE Geo-Institute, 2004-Present
- Member, Earth Retaining Structures Committee, ASCE Geo-Institute, 2008-Present
- Reviewer of Proposals (Panelist), National Science Foundation, Upon Request
- Reviewer of Technical Papers, Various Technical Journals, Upon Request

Select Publications and Presentations (Last Five Years):

1. Wang, C., Warren, K.A. (2016) “Application of Social Constructivism and Participatory Dialogues in a Required Civil Engineering Course: Student Perspectives”, *Journal of Professional Issues in Engineering Education and Practice* (Accepted for Publication).
2. Warren, K.A., Whelan, M.J., Hite, J., and Adams, M. (2014) “Three Year Evaluation of Thermally Induced Strain and Corresponding Lateral End Pressures for a GRS IBS in Ohio”, *Proceedings of the GeoCongress 2014: Geo-Characterization and Modeling for Sustainability*, Atlanta, Georgia, February 2014, 14 pp.
3. Warren, K.A., Wang, C. (2013) “Use of Interactive Classroom Models and Activities to Increase Comprehension of Geotechnical Engineering Concepts”, Conference *Proceedings from the ASEE Annual Conference and Exposition*, Atlanta, Georgia, June 2013, 20 pp.
4. Wang, C., Warren, K.A. (2013) “Inquiry-Based Approach for Civil Engineering Students: A Case Study”, *Conference Proceedings from the ASEE Annual Conference and Exposition*, Atlanta, Georgia, June 2013, 11 pp.
5. Warren, K.A., Eppes, M.C., Swami, S., Garbini, J., and Putkonen, J. (2013) “Automated Field Detection of Rock Fracturing, Microclimate, and Diurnal Rock Temperature and Strain Fields”, *Geoscientific Instrumentation, Methods and Data Systems*, 2, pp. 275-288.
6. Warren, K.A., Whelan, Adams, M., and Nicks, J. (2013) “Preliminary Evaluation of Thermally Induced Strains and Pressures Developed in a GRS Integrated Bridge System”, *Proceedings from the Geosynthetics 2013 Conference*, Long Beach, California, April 2013, 10 pp.
7. Howard, I.L. and Warren K.A. (2011) “Finite Element Analysis of Instrumented Thin Flexible Pavement to Quantify Variability”, *International Journal of Pavement Research and Technology*, 4 (6), pp. 337-346.

Recent Professional Development Activities:

- UNC Charlotte ADVANCE Leadership Seminar Series, 2013-2014