

ABET FACULTY VITAE (2 Page)

Name: Martin R. Kane

Education:

- Ph.D., Civil Engineering, Michigan State University, 1995
- M.S., Civil Engineering, Michigan State University, 1991
- B.S., Civil Engineering, Michigan State University, 1990

Academic Experience:

- UNC Charlotte, Associate Professor, 2015 – Present, Full-Time
- UNC Charlotte, Associate Professor and Undergraduate Director, 2006 – 2014, Full-Time
- UNC Charlotte, Associate Professor, 2001 – 2006, Full-Time
- UNC Charlotte, Assistant Professor, 1995 – 2001, Full-Time

Non-Academic Experience:

- U.S. Navy

Certifications or Professional Registrations:

- Licensed Professional Engineer, North Carolina

Current Membership in Professional Organizations:

- American Society of Civil Engineers (ASCE)
- Institute of Transportation Engineers (ITE); National, North Carolina, Michigan
- American Society of Engineering Education (ASEE)
- National Society of Professional Engineers (NSPE) and Professional Engineers of North Carolina (PENC)
- Transportation Research Board (TRB)
- Chi-Epsilon

Honors and Awards:

- Eno Transportation Foundation Fellow, 1994
- Big Brother of the Year, Lansing MI, 1993
- Research Scholar, Great Lakes Center for Truck and Transit Research (GLCTTR). Conducted research on marketing strategies and pricing issues related to transit service. January-September 1993.

Service Activities (Within and Outside of the Institution):

- University Academic Integrity Board, 2011 – 2015, reappointed 2015 – 2019
- Faculty representative, Campus Accessibility Advisory Committee, appointed by Chancellor, August 2014 – Present
- University Admissions Advisory Committee, 2014 – Present
- University Hearing Committee (hears faculty appeals related to decisions on reappointment, Tenure, and promotion). 2003 – 2007, 2008 – 2012
- University Graduation Program Committee, 2005 – Present
- Gerontology Advisory Committee, 2002 – Presently working with Industry Sponsors in a

Multidisciplinary Senior Design Program.

- Analyst of performance indicators for the Fundamentals of Engineering (FE) Exam with Linda Thurman, University of North Carolina at Charlotte. Analysis of student performance on the FE exam, relationships to review session content and delivery, study methods, and classroom performance in specific undergraduate level classes, Continuing
- Manage and improve the Student Orientation and Registration (SOAR) process for transfer students for the Dept. of Civil & Environmental Engineering, Continuing
- University Faculty Committee for the Levine Scholars Program (LSP). Advise program.
- Direct and participate in Levine Scholar activities for the LSP, 2010-Present

Select Publications and Presentations (Last Five Years):

1. Fan, W., Kane, M. R., Haile, Elias. Analyzing Severity of Vehicle Crashes at Highway-Rail Grade Crossings: Multinomial Logit Modeling, Journal of the Transportation Research Forum, accepted, May 2015.
2. Fan, W., Kane, M. R., Haile, Elias. Predicting the Severity of Pedestrian Crashes on Highway-Rail Grade Crossings, Advances in Transportation Studies: An International Journal, accepted for publication, April 2015.
3. Kane, MR, Janardhanam, R, Pando, M. Virtual Learning Centers to Enhance Student Learning and Performance in Civil Engineering Undergraduate Education. Proceedings of the 2013 ASEE North-Central Section Conference.

Recent Professional Development Activities:

- Transportation Energy Cluster Director-Energy Production Infrastructure Center, Transportation Director, 2016- Present
- Transportation Director-Infrastructure Design, Environment and Sustainability Center, 2014-2016