

J. Torey Nalbone, Ph.D., CIH

Associate Professor and Chair

Depts. of Civil & Environmental Engineering and Construction Management

The University of Texas at Tyler



Education:

- Ph.D. Interdisciplinary Engineering, Texas A&M University, 2004
M.S. Environmental Science and Engineering, University of Texas at Dallas, 1993
B.S. Biology, Baylor University, 1981
CIH. American Board of Industrial Hygiene – recertified 2015

Honors and Awards:

- Epsilon Pi Tau, International National Honor Society
- Beta Beta Beta, National Biological Honor Society
- Teacher of the Year, University of Texas Health Center at Tyler 2001
- Chair, American Board of Industrial Hygiene, 2010 – 2012
- Chair, American Conference of Governmental Industrial Hygienists, 2014 – 2016
- Distinguished Fellow, American Industrial Hygiene Association, 2016

Research Interests:

My areas of research interest include human health impacts from environmental exposures in industrial, commercial and residential exposure scenarios. The classification of particulates in the environment and their impact on human health. Exposure assessment of various products with known human health impacts. I am working on evaluation of off gassing of phthalates (or other plasticizers) in residential exposures. Assessment of TMDL level in Texas surface waters. I also have a strong commitment to teaching and improving engineering education and access to engineering education for under-represented groups. I teach or have taught courses in hydrology, environmental engineering, statics, leadership and professional ethics, air pollution controls and environmental management systems.

Areas of Research Interests

Building responses to occupant and environmental conditions:

- Monitoring occupied areas to evaluate human exposures

Contaminate analysis of air and water resources:

- Current focus on Diesel particulates in underground mining operations
- Evaluation of service water cleaning at point of use.
- Classification and analysis of submicron particulates

Engineering Education:

- Exploring the use of laboratory experiences to augment the online and hybrid education experiences
- Industrial ventilation for contaminant control in international practice
- Getting underrepresented groups into engineering

Professional practice and ethics:

- Evaluation of ethical dilemmas in professional judgement

Evaluating and controlling worker exposure to hazardous conditions:

- Exposures in commercial fishing operations.

Most Recent Select Publications:

- Levin, J.L., Curry, W.F., Shepard, S., **Nalbone, J.T.** and Nonnenmann, M.W. Hearing loss and Noise Exposure Among Commercial Fisherman in the Gulf Coast, Journal of Occupational and Environmental Medicine, 58 (3) 221-323, 2016.
- Hogan, T, and **Nalbone J.T.**, Threshold Limit Values – The Development Process: A TLV® Is Not Just a Number, Journal of the American Society of Safety Engineers, March 2016.
- Levin, J.L., Gilmore, K., Shepard, S., Wickman, W., Carruth, A., **Nalbone, J.T.**, Gallardo, G. and Nonnenmann, M.W. Factors Influencing Safety Among a Group of Commercial Fisherman Along the Texas Gulf Coast Fisherman in the Gulf Coast, Journal of Agromedicine, 15: 363-374, 2010.

