

## ABET FACULTY VITAE (2 Page)

**Name:** Shen-En Chen

### **Education:**

- Ph.D., Civil Engineering, West Virginia University, 1996
- M.S.C. E., Civil Engineering, West Virginia University, 1992
- B.S.C.E., Civil Engineering, West Virginia University, 1989

### **Academic Experience:**

- UNC Charlotte, Professor, August 2014 – Present
- Academia Sinica, Taiwan, Visiting Professor, September 2015 – December 2015
- National Institute of Technology, Fulbright-Nehru Research Scholar, August 2014 – December 2014
- Nanjing University, China, Visiting Professor, October 2014
- UNC Charlotte, Associate Professor, August 2009 – August 2013
- UNC Charlotte, Assistant Professor, August 2005 – August 2009
- University of Alabama at Birmingham, Associate Professor, September 1999 – August 2005
- West Virginia University, Research Scientist, October 1995 – September 1999
- West Virginia University, Graduate Research and Teaching Assistant, 1989 – 1995

### **Non-Academic Experience:**

None

### **Certifications or Professional Registrations:**

- Registered Professional Engineer since 1998, W.Va. #13427

### **Current Membership in Professional Organizations:**

- American Society of Civil Engineers (ASCE)
- Society of Experimental Mechanics (SEM)
- American Society of Professional Engineers (ASPE)
- International Society of Optical Engineering (SPIE)
- American Society of Nondestructive Testing (ASNT)
- American Society of Engineering Education (ASEE)
- National Earthquake Engineering Society (NEES)
- Society of Petroleum Engineers (SPE)

### **Honors and Awards:**

- Chi Epsilon-Civil Engineering Honor Society, WVU
- Sigma Xi- Honor Society for Scientific Research, WVU
- National Dean's Lists (undergraduates), WVU
- Honorary Faculty Member (selected at university level), Golden Key International Honor Society, 2003
- Tau Beta Pi, faculty member, UAB
- Certificate of Appreciation, Mayor's Office, Birmingham, AL, UAB
- Who's Who in Engineering Education
- Who's Who in Engineering Higher Education (WWEHE)

- TEQIP International visiting professor: Visiting professor, National Institute of Technology at Trichy (NIT-Trichy) under the Indian government TEQIP (Technical Education Quality Improvement Programme).
- 2012 Teaching award for the Lee College of Engineering at the Graduate level (together with Professor John Hildreth).
- 2013 D.R. Harting Best Paper Award, Society of Experimental Mechanics (together with Mr. Colby Galloway of Southern Company and Mr. Jeff Erdle of Duke Power and former students: K. Da, W. Qi and E. Connor).
- 2014 Fulbright-Nehru Academic and professor Excellence Award, US-India Educational Foundation.

**Service Activities (Within and Outside of the Institution):**

- Technical Editor and Committee member, ASCE Forensic Congress VI, 2012.
- Member of the Technical Council on Forensic Engineering (TCFE) and Secretary of the Committee on Forensic Investigations (2004 – 2013), Chair of Committee on Forensic Investigation (2014- present).
- Technical Editor and Committee member, ASCE Forensic Congress V, 2009.
- International/National Conference Committee Member, Session Developer/Chair:
- Technical organizing committee, International Workshop on Health Monitoring of Civil Engineering Structures, 4th and 5th November 2014, Tiruchirappalli, India.
- Technical organizing committee, Geohubei 2014.
- International organizing committee, IDMS 2013, University of Periyar Meriammai, Thanjavur, India.

**Select Publications and Presentations (Last Five Years):**

1. Chen, S.E., Leeman, M.E., English, J.B., Kennedy, A.B., Masters, F.J., Pinelli, J.P., Pang, W.C., Rullan-Rodriguez, J.A., Satyanarayana, P., Calvo, J., Murugan, B. and Natarajan, C. (2016) “Basic Structure System Rating of Post-Hurricane Haiyan Structures in Tacloban and East Guiuan,” Accepted for publication, ASCE Journal of Performance of Constructed Facilities.
2. Kennedy, A.B., Mori, N., Zhang, Y., Yasuda, T., Chen, S.E., Tajima, Y., Pecor, W. and Toride, K., (2016) “Observations and Modeling of Coastal Boulder Transport and Loading During Super Typhoon Haiyan,” Accepted for Coastal Engineering Journal, DOI: 10.1142/S0578563416400040.
3. Cao, D.F., Shi, B., Zhu, H., Wei, G.Q., Chen, S.E. and Yan, J.F. (2015) “A Distributed Measurement Method for In-Situ Soil Moisture Content by Using Carbon-Fiber Heated Cable,” Journal of Rock Mechanics and Geotechnical Engineering, 7, 700-707.
4. Lee, S.C. and Chen, S.E. (2015) “A Risk Assessment Method for Trench Excavations,” Accepted for publication, International Journal of Earth Sciences and Engineering, 8(5), 1957-1961.

**Recent Professional Development Activities:**

None