

## ABET FACULTY VITAE (2 Page)

**Name:** Vincent Ogunro

### **Education:**

- Ph.D., Civil Engineering, Institut National des Sciences Appliquées de Lyon (INSA-Lyon), Lyon, 1996
- Diplome d'Etude Approfondie, Civil Engineering, INSA-Lyon, Lyon, 1991
- M.S., Civil Engineering, University of Lagos, Lagos, Nigeria, January, 1988
- B.S., Civil Engineering, Obafemi Awolowo University (OAU) (formerly University of Ife), Ile-Ife, Nigeria, August, 1982

### **Academic Experience:**

- UNC Charlotte, Associate Professor, 2006 – Present, Full-Time
- UNC Charlotte, Assistant Professor, 2001 –2006, Full-Time
- UNC Charlotte, Visiting Assistant Professor, 2001 – 2001, Full-Time

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

- University of Massachusetts at Lowell, Research Assistant Professor, 1998 - 2000, Full-Time
- University of Massachusetts at Lowell, Post-Doc Research Associate, 1997 - 1997, Full-Time
- Médiatéc Ingénierie, Ecully, France, Technical Translator and Program Localization, 1995 – 1996, Part-Time
- Institut National des Sciences Appliquées (INSA), Lyon, France, Graduate Research Assistant, 1990 – 1995, Full-Time
- National Electric Power Authority (N.E.P.A.), Lagos, Nigeria, Senior Project Engineer, 1988 – 1990, Full-Time
- National Electric Power Authority (N.E.P.A.), Lagos, Nigeria, Project Engineer, 1983 – 1987, Full-Time
- National Soil Conservation College (2-year College), Jos, Nigeria, Civil Engineering Instructor, 1982 – 1983, Full-Time

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

- None

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

- American Society of Civil Engineers
- TRB Committee member of AFP40
- International Society of Environmental Geotechnology

### **Honors and Awards:**

- Graduate Teaching Award, College of Engineering, UNC Charlotte, 2005-2006
- February, 2002, Initial patent filed for “Advanced aerobic landfill bioreactor systems” (with: J.L. Daniels, H.A. Hilger, S.R. Patterson, C.J.L. Stahl S&ME)
- February, 2002, Initial Patent filed for “Vertical well design for landfill zone control” (with: J.L. Daniels, H.A. Hilger, S.R. Patterson, C.J.L. Stahl S&ME)

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

- Department Graduate Committee
- Department Scholarships and Awards Committee
- Department Faculty Search Committee
- Faculty advisor, Engineers Without Boards UNCC
- Department and College Reappointment, Promotion and Tenure Committee
- INES Ph.D. Implementation and Policy, and student admission Committee
- University Faculty Employment Status Committee (FESC)
- University Faculty Competitive Grants Committee (FCGC)
- TRB Committee member of AFP40
- External Assessor, Promotion (Readers and Professors), Federal University of Technology, Akure, (FUTA), Ondo State, Nigeria
- External Tenure and Promotions Reviewer for the New Jersey Institute of Technology (NJIT)
- Board Member, Hope Worldwide Charlotte Chapter
- Member, Planning and International Technical Committee, International Symposia on Environmental Geotechnology

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

1. Sanusi, O., Tempest, B., Ogunro, V., and Gergely, J. (2016). "Leaching Characteristics of Geopolymer Cement Concrete Containing Recycled Concrete Aggregates." *J. Hazard. Toxic Radioact. Waste*, 10.1061/(ASCE)HZ.2153-5515.0000312, 04016002.
2. Sylvain, M., Pando, M., Whelan, M., Ogunro, V., Park, Y., and Koch, T. (2015) "Static Load Test to Assess Vertical Load Capacity of Steel Sheet Piles for Bridge Abutments – Initial Assessment," XV Panamerican Conf. on Soil Mechanics and Geotechnical Engineering, Buenos Aires, Argentina, Nov. 15-18
3. Yangguang, L., Chen, S., and Ogunro, V.O. (2014) "Evaluation of Lumped-Mass Model for Studying Wave Propagation in a Depleted Oil Field", Geo-Hubei 2014 International Conference on Sustainable Civil Infrastructure
4. Rice, C., Pando, M., Whelan, M.J., and Ogunro, V. (2014) Vertical Load Capacity of Steel Sheet Piles for Bridge Abutments - Preliminary Assessment for Test Site in Sand," International Conference on Short and Medium Span Bridges, Calgary, Alberta.
5. Pulugurtha, S.S., Ogunro, V.O., Pando, M.A., Patel, K.J., and Bonsu, A. (2013) "Preliminary Results towards Developing Thresholds for Pavement Condition
6. Burrage, R.E., Anderson, J.B., Pando, M.A., Ogunro, V.O., and Cottingham, M.A. (2012). "A Cost Effective Triaxial Test Method for Unsaturated Soils," *ASTM Geotechnical Testing Journal*, Vol. 35, No.1
7. Washington, D., Rodriguez, D., and Ogunro, V. (2011) "An Effective Approach to Rehabilitate Damaged Barrier System against Piping and Contaminant Flow" *Geotechnical and Geological Engineering*, Vol. 29, No. 1, p 13-17

**Most Recent Professional Development Activities**

- EPRI Flue Gas Desulfurization Wastewater and Waste Encapsulation Workshop, November 4, 2015
- South Africa Workshop on Coal Combustion Residuals, Energy Storage and Renewables and Technical Scanning visit to SASOL, ESKOM, Stellenbosch University, & University of Western Cape, South Africa, November 1 – 11, 2014