

**SUMMARY VITA – Joseph O. Owino, Ph.D., P.E.**  
*UC Foundation Associate Professor*

**Years on Faculty:** 10 (original appointment 08/01/99)

**Degrees:**

B.S. Civil Engineering, The University of the District of Columbia, 1977

M.S. Civil Engineering, Howard University, 1980

Ph.D. Civil and Environmental Engineering, Georgia Institute of Technology, 1998

**Other Related Experience:**

Adjunct Professor (1999) Civil and Environmental Department, Georgia Institute of Technology, Atlanta, GA.

Lecturer (1986 – 1992) Civil and Environmental Department, University of Nairobi, Nairobi, Kenya.

GTA (1994 – 1998) Civil and Environmental Department, Georgia Institute of Technology, Atlanta, GA.

Shell Offshore Inc., New Orleans, LA (1983-1986)

Shell Oil Company, Houston, TX (1981-1983)

Byrd, Tallamy, McDonalds and Lewis, Arlington, VA (1980-1981)

Electrack Inc., Beltsville, MD (1980)

States in which Registered: Tennessee

**Consulting and Patents:**

None

**Principal Publications of Last Five Years:**

Jacobs, L.J., and Owino, J.O, “Effects of Aggregate Size on the Attenuation of Rayleigh Waves in Cement-Based Materials,” *Journal of the Acoustical Society of America*, Vol. 125, No.6, pp 637-647, 2000.

J. Owino, R. Goulet, Bringing Reality to the Mechanics of Materials Lab – Experiential Problem Based Learning, to be presented at the *ASEE 2001 Southeastern Section Meeting*, April 2003.

R. Goulet, J. Owino, Experiential problem-based learning in the Mechanics of Materials Laboratory, Proceedings of the *2002 ASEE Annual Conference and Exhibition*, Montreal, Province of Quebec, June 2002, manuscript accepted 1/15/02.

J. Owino, E. Foster, Revising a Civil Engineering Curriculum at University of Tennessee at Chattanooga, presented at the *ASEE 2001 Southeastern Section Meeting*, April 2001.

R. Goulet, J. Owino, The mini-lab round robin: the alternative to demonstration labs, presented at the *ASEE 2001 Southeastern Section Meeting*, April 2001.

**Scientific and Professional Society Memberships:**

American Society of Engineering Educators (ASEE)

American Society of Civil Engineers (ASCE)

National Society of Black Engineers (NSBE)

**Awards and Honors:**

“Exceptional Merit” Faculty Performance Award in 2002-2003

Outstanding Faculty Award for 2002, CECS, UTC, April 2002

Cole Outstanding Engineering Teacher Award of the year in Engineering Award, CECS, UTC, November 2001

Amoco/CETL Teaching Excellence Award, May 1998, Georgia Institute of Technology.

**Institutional Service in the Last Five Years:**

Faculty Senator, elected to Faculty Senate (2001 – present)

Faculty Representative, elected member, Grades Appeal Committee (2002 – present)

Faculty Representative, elected member, Admissions Committee (2001 – present)

Member, NCAA Self-Study Committee (2001 – present)

Member, CECS Graduate Committee (2001 – present)  
Member, CECS Assessment Committee (2001 – present)  
Member, CECS Petitions Committee (2002 – present)  
Member, Search Committee, Associate Provost for Academic Affairs (2002 – present)  
Member, Search Committee, Dean of the CECS (2002 – present)

**Professional Service in Last Five Years:**

Chair of Civil Engineering Division, ASEE SE Section

**Professional Development Activities in the Last Five Years:**

Research Activities:

Development of Finite Element Modeling  
Experiential Learning in the Mechanics of Materials Lab  
Nondestructive evaluation of structural materials  
Health Monitoring of Infrastructure

**Conferences and Meetings attended:**

ASEE, NSBE

**Other Activities:**

Attended a series of teaching workshops held by the University and at Carnegie Mellon. Attended an ANSYS and a GTSTRUDL structural engineering software training classes.