

Speaker Profile



Contact Details

Organization

Name: Tennessee State University

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Name: Landon C. Onyebueke

Title: Associate Professor of Mechanical Engineering

Institute: Tennessee State University

Education:

Ph.D. Mechanical Engineering, Institut National Polytechnique de Lorraine (I.N.P.L.), Nancy, France, 1989.

M.S. Mechanical Engineering, Institut National Polytechnique de Lorraine (I.N.P.L.), Nancy, France, 1986.

B.S. Mechanical Engineering, University of Ibadan, Nigeria, 1982.

Research Interest:

- Modeling, Simulation and Characterization of Mechanical Properties of Nanomaterials and Devices
- Condition Based Maintenance
- Design Methodologies (Probabilistic and Axiomatic)

Professional Experience:

- Associate Professor of Mechanical and Manufacturing Engineering, Tennessee State Univ. (2001-present)
- Assistant Professor of Mechanical Engineering, Tennessee State Univ. (1997-2001)
- Director of the Design Methodologies Laboratory, Tennessee State Univ. (1997-present)
- Research Associate, Tennessee State Univ. (1993-1996)
- Post doctoral position, Laboratoire d'Etudes et Recherches en Mecanique et Energetique des Surfaces, Nancy, France

Honors and Awards

- Certificate of Appreciation for Outstanding Achievement in the Field of Education from the Office of the Mayor of Nashville, Tennessee.
- Deans Outstanding Faculty Award, December 2002
- Special Invention Award from Boeing, August 2002
- Supplier Diversity Advocacy Award from Boeing, June 2002.
- Certificate of Recognition for Outstanding Performance from Boeing, June 2002.
- Distinguished Research Award from the Office of Sponsored Research, March 2001.
- Certificate of Appreciation from the US Navy (Strategic Systems Program branch), August 2000.
- Turning Goals into Reality 2000 Objective Award from NASA

Publication and Patents:

- "Apparatus and Method for Virtual Accommodation", US Patent pending.
- Written and presented several technical papers in the areas of Design Methodologies, Thermal Sciences, and Nanotechnology.