

SUMMARY VITA – Ignatius Fomunung, Ph.D.

Associate Professor

Years on Faculty: 4 (original appointment 08/2005)

Degrees:

B.E. Civil Engineering, Southeast University, Nanjing, China, 1987

M.S. Physics, Clark Atlanta University 1995

M.S. Transportation engineering, Georgia Institute of Technology, 1996

Ph.D. Civil engineering, Georgia Institute of Technology, 2000

University Experience:

Assistant Professor of Physics, Spelman College, (1999-2000)

Assistant Professor of Civil Engr. Clark Atlanta University (2000 – 2005)

Associate Professor of Civil Engr., UTC (2005 – Present)

Other Related Experience:

Center for Theoretical Studies of Physical Systems (CTSPPS) at CAU - Research Associate, Atomic and Molecular Physics, Summer 2000.

Consulting and Patents (last five years): None

Principal Publications/Presentations of Last Five Years:

Adjo Amekudzi, and Ignatius Fomunung, *Integrating Brownfields Redevelopment with Transportation Planning* Journal of Urban Planning and Development (JUPD) Vol. 130 No. 4 (2004), 204 -212.

Cecelia Wigal, Ignatius Fomunung, Ronald Goulet “*The Impact on Students of Freshman Design Projects Supporting Advanced Courses*”, ASEE Annual Meeting, Hawaii, June 24-27, 2007.

Ignatius Fomunung, Adjo Amekudzi: “*Review and Effectiveness of Funding Instruments for Brownfield/Transportation Redevelopment*”. Submitted to the International Journal of Sustainable Transportation, January 2009. Under Review.

Ignatius Fomunung, Seth Campbell, Ariel Soriano, Philip York. “*An Innovative and Cost Effective Pavement Rehabilitation Method for Municipal Roads,*” In Progress – To be submitted to Better Roads Magazine, February 2009.

Scientific and Professional Society Memberships:

ASCE, ASEE, ITE

Honors and Awards:

EXCEED Teaching Fellowship, *American Society of Civil Engineers Excellence in Civil Engineering Education Fellowship*, 2003

Faculty Honors Day Award, Office of Grants and Program Review, December 2007

Institutional Service in the Last Five Years (committee assignments, etc.):

Faculty Advisor for NSBE Student Chapter 2006-Present

Faculty Advisor for ASCE Student Chapter 2008-Present

Strategic Planning Action Committee – Partnerships for Education and Research, Sub Committee for Global/International Relationships and Partnerships.

UTC Faculty Senate

Faculty Handbook Committee

UTC Publications Committee

Professional Service in the Last Five Years:

2009 TN Infrastructure Report Card Initiative -Committee Chair for Roads & Bridges
Chattanooga Active Living Summit, UTC, April 2008, Planning Committee Member and Break Out Session
Discussion Leader.
UC Foundation Strategic Initiative Grants: Review Panelist March 2008.
International Conference on Health Monitoring of Structure, Material & Environment, October 2007,Southeast
University, Nanjing, China –Session Chair
ASCE, Secretary of Chattanooga Branch
Transportation Research Board Committee
Volunteer Math Tutor – Howard High School in collaboration with the UTC GEAR –UP program
Activate Chattanooga Forum
Safe Routes to School Partner
Active Living Network
NSF – Proposal Review Panelist, 2006

Professional Development Activities Last Five Years:

American Concrete Pavement Association Professor’s Seminar: Design, Construction, and Rehabilitation of
Concrete Pavements, at Portland Cement Association, Skokie, Il., May 31 to June 2, 2006