

2008-2009 Graduate Seminar Series

**The Department of Mechanical Engineering – Engineering Mechanics
and the Visiting Women/Minority Lecture Series (VWMLS)**

Proudly Presents

Dr. Sharnnia Artis

Human Factors Engineering at Aptima, Inc., Ohio

Dr. Sharnnia Artis, a native of Chesapeake, Virginia, is an author, researcher, engineer, world traveler, and speaker. Dr. Artis' Foundation for extraordinaire was established in the public schools of Portsmouth and Chesapeake, Virginia, where she graduated in the top one percent of her high school class, with a 4.2 grade point average, and over \$100,000 in scholarships and awards for the college of her choice.

Dr. Artis received a Bachelor of Science, Master of Science, and Doctorate of Philosophy degrees in industrial and systems engineering from Virginia Tech. At Virginia Tech, she served as president of the National Association for the Advancement of Colored People (NAACP), Theta Phi Chapter of Alpha Kappa Alpha Sorority, Inc., and president and national public relations chairperson of the National Society of Black Engineers (NSBE). Dr. Artis is the recipient of many honors and accolades, the most recent being NSBE's Graduate Student of the Year, Virginia Tech's Graduate Woman of the Year, National TRIO Achiever, and a top ten finalist in the Miss



Virginia USA pageant.

In addition to her educational achievements and accolades, Dr. Artis is an avid traveler. She has journeyed internationally to present her research, give inspirational talks, and explore and embrace the cultural differences of Canada, Mexico, The Bahamas, France, Italy, Belgium, and three countries in the Motherland—Ghana, South Africa, and Zimbabwe.

Currently, Dr. Artis is a human factors engineer for a consulting firm outside in Dayton, Ohio and the author of *Moving from Ordinary to Extraordinary: The Teen's Guide to High School Success*. Dr. Artis believes that all things are possible, and is an advocate for promoting and encouraging individuals to go beyond the ordinary to achieve to their greatest potential.

Friday, Feb. 20, 2009

3:00 – 4:00 p.m. Room 111, ME-EM Bldg.

Self-Globalization: Strategies in Engineering Education, Research, and Practice

Self-globalization is fast becoming the dominant paradigm in research, education, and practice in many knowledge domains. Self-globalized thinking is not a foregone conclusion or outcome of globalization; not all participants in a globalized society are or will be self-globalized. The term, self-globalization, is used to describe an attitude and knowledge shift that reflects an awareness of and appreciation for the complexities introduced by human variation, differences and similarities, and cross-cultural interdependencies. This presentation will focus on successful methods and strategies used to globalize engineering research, education, and practice. An introduction will be provided that focuses on the increasing demands for professionals with a globalized mindset and cultural competence. Successful projects and approaches will be presented to highlight the relevance of engineering in an increasingly globalized society. Recommendations and lessons learned on how to globalize engineering education, research, and practice will be discussed.

Funding is provided by the Visiting Women/Minority Lecture Series (VWMLS)
and the Department of Mechanical Engineering – Engineering Mechanics www.me.mtu.edu/seminar