

Oluwatimilehin Fadiran

EDUCATION

Georgia Institute of Technology *PhD in Chemical Engineering*
Position: Graduate Research Assistant
GPA: 3.53/4.0 Major GPA: 3.53/4.0 Expected Graduation: May 2015
University of Maryland Baltimore County *BS in Mechanical Engineering*
GPA: 3.87/4.0 Major GPA: 3.87/4.0 Graduation: May 2010
Thomas S. Wootton High School *WGPA: 4.1*

SKILLS

SEM Imaging, TEM Imaging, AutoCAD, Matlab, VisioLab for SurPass ElectroKinetic Analyzer, Experience w/ TestWorks 3, Experience w/ instrumented and non-instrumented nano/macroidentation, Soldering, Java, C++, CompTIA A+ Certified (hardware), Proficient in all Microsoft Office Applications

RESEARCH

Georgia Institute of Technology (Current)
Advisor: Dr. Carson Meredith *"Pollen as a Biorenewable Filler for Polymer Composites"*
University of Maryland Baltimore County
Mentor: Dr. L.D. Timmie Topoleski *"Mechanical Properties of Cow Arteries"*
Massachusetts Institute of Technology Amgen-UROP Scholars (Summer 2009)
Mentor: Dr. Matthew J. Lang (Biological Engineering) *"Carbon Nanotubes : Characterizing Nanotubes-Peptides Interactions and Crosslinking Nanotubes Bundles with DNA "*
Univeristy of Wisconsin-Madison SURE-REU Program (Summer 2008)
Mentor: Dr. Ryan J. Kershner (Mechanical Engineering) *"Electrokinetic Characterization of Surfaces for Adsorption of DNA"*
National Institute of Standards and Technology SURF program (Summer 2007)
Mentor: Dr. Edwin Fuller (Ceramics Division) *"Variable-Acuity Macro and Nanoindentation: Characterization of High-Stressed Ceramic Composites"*

POSTER SESSIONS

Georgia Tech Research & Innovation Conference Feb. 2012
StoraEnso Poster Session Nov. 2011
Next Generation Manufacturing Poster Session Oct. 2011
GT Alumni Tour of IPST Poster Session Oct. 2011

HONORS

FACES Fellow 2010-Current
PSE Fellow 2010-Current
MARC U STAR Scholar 2008-2010
Meyerhoff Scholar 2006-2010
Tau Beta Pi 2010
Phi Beta Kappa 2009-2010
Montgomery County All Star & All-Met Honorable Mention 2006
Scholar Athlete 2002-2006

ACTIVITIES

Black Graduate Student Association, Alpha Nu Omega, Inc., Getting Everybody to Unleash Potential Mentoring and Community Service Org (Founding V.P.); NSBE student member; ASME student member; Intramural Sports; Shriver Center's CHOICE Program(2006); First Lego League Competition Volunteer (2006-2007)

WORK EXPERIENCE

Massachusetts Institute of Technology 2009
Univeristy of Wisconsin-Madison 2008
National Institute of Standards and Technology 2007
J&S painting company 2004
Camp Counselor 2001-2005