

**University System of Maryland
Louis Stokes Alliance for Minority Participation
Bridge to the Doctorate Program
Cohort I (2005-2007) and Cohort II (2006-2008)**



Funded by the National Science Foundation, Award HRD-0503332

Cohort I (2005-2007) BD Fellows University of Maryland, Baltimore County (UMBC)

- ♦ **Miguel A. Acosta-Tapia**, Ph.D. Candidate, Leach Biomaterials and Tissue Engineering Laboratory, Dept. of Chemical and Biochemical Engineering, UMBC.
- ♦ **Temitope I. Akinsade**, Graduated, M.S., Information Systems; General Electric Information Management Leadership Program, Connecticut; relocated to China in April 2008. Ph.D. Plans: applying to NYU, Columbia, and Yale upon return from China.
- ♦ **Yared Amanuel**, Graduated, M.S., Mechanical Engineering; Engineer: National Lab-Naval; Part-time Ph.D. courses, Bio Implantable Materials Lab, Dept. of Mechanical Engineering, UMBC.
- ♦ **Sonnet S. Davis**, Ph.D. Program, Fabris Lab, Collaboratory for MS3D (C-MS3D), Dept. of Chemistry and Biochemistry, UMBC.
- ♦ **Phillip S. Dyer**, Graduated, M.S., Mechanical Engineering, UMBC; Ph.D. Program, Bioinstrumentation Lab, Mechanical Engineering, University of Utah.
- ♦ **Huguens Jean**, Ph.D. Program, Optoelectronic Devices, Dept. of Computer Science and Electrical Engineering, UMBC.
- ♦ **Brenitra L. Mosley**, Ph.D. Program, Dept. of Computer Science and Electrical Engineering, Center for Advanced Studies in Photonics Research, UMBC.
- ♦ **Bill J. Moss**, Ph.D. Program, Marten Lab - Microbial Systems, Dept. of Chemical and Biochemical Engineering, UMBC.
- ♦ **Jason F. Nappier**, Graduated, M.S., Computer Science; Software Engineer, Tenable Network Security, Columbia, MD. Considering Ph.D. courses part-time.
- ♦ **Jameelah D. Roberts**, Graduated, M.S., Information Systems; Network Engineer, NASA Goddard Space Flight Center, Greenbelt, MD. Considering Ph.D. courses part-time.
- ♦ **Zaker A. Siraj**, Graduated, M.S., Electrical Engineering; Engineer, Northrop Grumman. Planning to enter Ph.D. program after establishing industry experience.
- ♦ **Katisha D. Smith**, Ph.D. Candidate, Bio Heat Transfer Lab, Dept. of Mechanical Engineering, UMBC.



Cohort II (2006-2008) BD Fellows University of Maryland, College Park (UMCP)

- ◆ **Paris Alexander**, Ph.D. Program, Electron energy-loss spectroscopy (EELS), Dept. of Materials Science and Engineering, UMCP.
- ◆ **Adakou Foli**, Graduated, M.S., Computational lithography for nanostructure science and technology, Dept. of Electrical and Computer Engineering, UMCP.
- ◆ **Ayanah George**, M.S. Program, Automatic speech recognition, Dept. of Electrical and Computer Engineering, UMCP.
- ◆ **Regina Gill**, Ph.D. Program, Metabolic syndrome in African Americans, Dept. of Nutrition and Food Science, UMCP.
- ◆ **Jamie Meeroff**, Ph.D. Program, Boundary layer transitions in hypersonics, Dept. of Aerospace Engineering, UMCP.
- ◆ **Adrienne Norwood**, Ph.D. Program, Fluid dynamics, Dept. of Mathematics, Applied Mathematics and Scientific Computation Program, UMCP.
- ◆ **Antonie Siler**, Ph.D. Candidate, Specific solvation across liquid interfaces, Dept. of Chemistry, UMCP.
- ◆ **Jacqueline Smith**, Ph.D. Candidate, Synthesis, detection, and biological evaluation of signaling molecules, Dept. of Chemistry, UMCP.
- ◆ **Lie'Ann Van-Tull**, M.S. Program, Aquatic ecology, Dept. of Entomology, UMCP.
- ◆ **Jhacova Williams**, Graduated, M.S., Dept. of Mathematics, Applied Mathematics and Scientific Computation Program, UMCP.
- ◆ **Shelby Wilson**, Ph.D. Program, Magnetoencephalography (MEG) evidence for low-level audio-visual interactions during spatial localization, Dept. of Mathematics, Applied Mathematics and Scientific Computation Program, UMCP.
- ◆ **Sophoria Westmoreland**, Ph.D. Program, Design and Reliability of Systems Group, Dept. of Mechanical Engineering, A. James Clark School of Engineering, UMCP.

Collaboration and support among and between the BD Fellows in both cohorts has resulted in a close-knit community of scholars with focus and determination to succeed.

◀ **Several UMBC and UMCP BD Fellows and staff meet together at UMBC**

UMCP BD Fellows work together to achieve results ▶

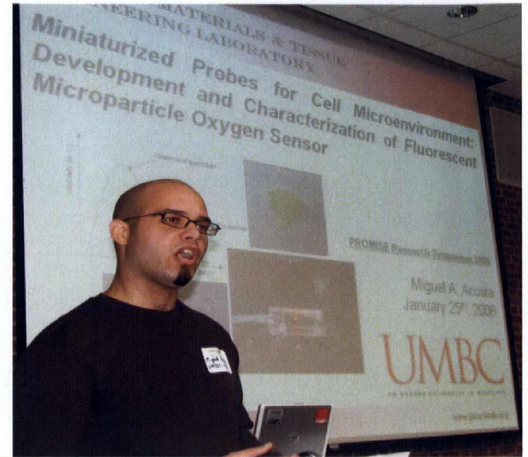


A PROFILE: BD Fellow— 2005 Cohort, UMBC

Miguel A. Acosta,

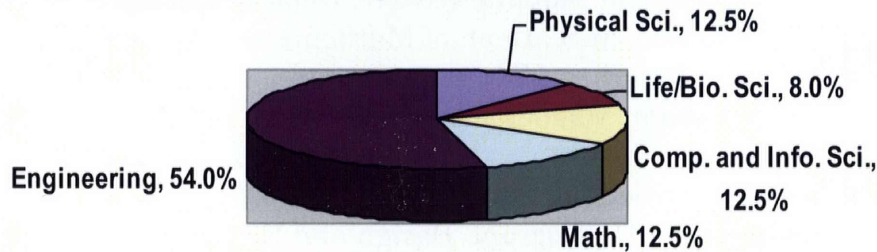
Chemical and Biochemical Engineering Ph.D. Candidate
(LSAMP graduate, University of Puerto Rico-Mayaguez)

Miguel, a member of the LEACH Biomaterials and Tissue Engineering Laboratory, has two publications and has given more than 6 presentations. Miguel won a Gordon Research Conference Carl Storm Underrepresented Minority Fellowship and has advanced to Ph.D. candidacy. ▶



◀ BD Fellows from both UMBC and UMCP connect to support one another's research presentations.

Distribution of USM BD Students by Broad STEM Fields



Contact Information

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