

Curriculum Vitae

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Education:

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| 1980 | B.S. Adelphi University, Garden City, N.Y. Concentration in Biology |
| 1995 | Ph.D. University of South Florida, Tampa, FL., Concentration in Neuroscience |

Postdoctoral Training:

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| 1995 – 1998 | Research Fellow, Neuropharmacology Research, Massachusetts General Hospital/Harvard Medical School |
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Academic Appointments:

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| 1998 - 2003 | Instructor, Neurobiology, Harvard Medical School |
| 2004 - | Assistant Professor, University of Florida, College of Pharmacy |

Honors and Awards:

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| 1976 | Regents Diploma, Uniondale High School, Uniondale, New York |
| 1979 | Dean's List, Adelphi University |
| 1991 -1995 | National Consortium for Educational Access Fellowship, Atlanta GA. |
| 1992 -1994 | Richard Pride Research Fellowship, Institute on Black Life, University of South Florida. |
| 1992 | Travel Award, Society for Neuroscience, Anaheim, CA. |
| 1994 | Honorable mention from the Ford Foundation Dissertation Fellowship |
| 1994 | Development Award, Fundamental Issues in Vision Research: Molecular and Cellular Approaches, MBL and NEI. |
| 1994 -1995 | American Psychological Association/Minority Fellowship Program, NIMH. |
| 1995 -1997 | Research Supplement for Underrepresented Minority Individuals in Postdoctoral Training/NEI. |
| 2000 - 2001 | 50th Ann. Program for Scholars in Medicine, Harvard Medical School. |

- 2002 - 2004 Minority Development Award, Massachusetts General Hospital
2005 - 2007 American Health Assistance Foundation/National Glaucoma Research

Regional, National and International Contributions:

- 1992 Society for Neuroscience: Anaheim, California. Poster presentation, "Light regulation of a calcium/calmodulin-dependent protein phosphatase in *Limulus* Lateral eye".
- 1994 American Psychological Association /Minority Fellowship Program in Neuroscience. Poster presentation, "Light-mediated regulation of calcineurin in the *Limulus* photoreceptor".
- 1997 Presentation on, "Nitric oxide and endothelin in the pathogenesis of glaucoma", Basel, Switzerland.
- 1999 Proceedings of the 9th International Conference on the Na,K-ATPase and related ATPases, Sapporo, Japan. Poster presentation, "Role of nitric oxide and cGMP in modulating Na,K-ATPase activity in secretory epithelium".
- 2000 Society for Neuroscience: New Orleans, LA. Poster presentation, "NO regulates Na,K-ATPase activity in Transgenic SOD1 mutant mice".
- 2002 Proceedings of the 10th International Conference on the Na,K-ATPase and related ATPases, Copenhagen, Denmark. Poster presentation, "Hormonal regulation of the Na,K-ATPase activity in secretory epithelium".
- 2006 Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida. Poster presentation, "Nitric Oxide Regulates the Ouabain-Induced Increases in Outflow Facility in TM".
- 2007 Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida. Poster presentation, "Nitric Oxide-Induced Decreases in Cell Volume in Human Primary TM Cells".
- 2008 Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida. Invited Oral presentation, "Involvement of the Maxi K channel in the Nitric Oxide-Induced Increases in Outflow Facility and Decreases in TM Cell Volume".
- 2008 Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida. Invited Oral presentation, "Ouabain-Induced Increases in Outflow Facility is Associated with Changes in Actin Cytoskeleton".
- 2008 Proceedings of the 12th International Conference on the Na,K-ATPase and related ATPases, Copenhagen, Denmark. Poster presentation, "Ouabain-Induced Changes in Outflow Facility Involve Changes in Na,K-ATPase Expression in Trabecular Meshwork Cells".

Research Mentoring:

- 2004- Mentor, University of Florida Minority Mentoring Program
- 2004- Mentor, NIH Summer Minority Research Program
- 2007- Science Training Program, offered by the Center for Precollegiate Education and Training

Doctoral Research Committees:

- William M. Dismuke, Pharmacodynamics (Chair)
- Haoyu Mao, Pharmacodynamics (graduated, 2008)
- Jason Gersting, Physiology and Pharmacology (graduated, 2008)
- Melissa Landen, Pharmacodynamics
- James Casper, Pharmacodynamics

Teaching:

- 2005- PHA 5561, Physiological Basis of Disease
 - Gastrointestinal secretions physiology and pathophysiology
 - Sensory, eye physiology and pathophysiology
 - Blood brain barrier, physiology and pathophysiology
 - Blood flow to the brain, physiology
- 2005- PHA 6938, Aqueous humor dynamics-
pharmacology, physiology and pathophysiology
- 2005- PHA 6521C, Course Coordinator
- 2007- BMS 6828, Interdisciplinary Family Health
- 2007- BMS 6829, Interdisciplinary Family Health

Membership Professional Organizations:

- The Association for Research in Vision and Ophthalmology

Service:

- 2000 - 2002 Member, Review Panel, Major Research Instrumentation Program, NSF.
- 2002 - 2003 Member, Admissions Committee, Harvard Medical School
- 2005- Faculty Advisor for Student National Pharmaceutical Association, University of Florida
- 2008- Financial Aid Committee
- 2008- Pharmacodynamics Graduate Committee