

ANTHONY SERAPHIN

EDUCATION

- 2004 University of Delaware Newark, DE
Ph. D: Climatology
Research topic: Climatology of Ozone in the Mid-Atlantic States.
Thesis Advisor: Cort J. Willmott
- 1994 University of Delaware Newark, DE
M.Sc. Geography/Climatology
Research topic: Turbulent Velocity Field Structure within and Above an Inhomogeneous Surface.
- 1979 - 1981 University of Reading Berkshire, England
Early Graduate work in Agricultural Meteorology and Statistics
Research topic: Particulate Matter Diffusion within and above a Model Crop Canopy.
- 1979 Central Institute for Atmospheric Physics Budapest, Hungary
Short Course in Atmospheric Chemistry (Background Air-pollution Monitoring)
- 1972 - 1976 Florida State University Tallahassee, Florida
B.S. Meteorology with Mathematics minor.

AWARDS

- 1978: World Meteorological Organization Fellowship Award.
- 1979: World Meteorological Organization Fellowship Award.
- 2008: **College of Arts and Sciences (CAS) Outstanding Service Award.**

APPOINTMENTS

- 1977 - 1984 Caribbean Meteorological Institute Barbados, WI
Researcher/Instructor—Meteorology, Statistics and Mathematics statistical techniques.
- 1984 – 2005. Mathematical Sciences, Univ. of Delaware, Newark, DE
Instructor -- Mathematics and Statistics

- Fall 1999 – 2007. School of Urban Affairs and Public Policy, Univ. of Delaware
Practitioner Faculty (Statistics)--Graduate program.
- September 2005 - 2010. Mathematical Sciences, Univ. of Delaware
Assistant Professor – Mathematics and Statistics.
- September 2010 – pres. Mathematical Sciences, Univ. of Delaware
Associate Professor – Mathematics and Statistics.
- December 2005 – June 2005. Department of Geography, Univ. of Delaware
Joint Appointment, Assistant Professor.
- July 2009 - present. Department of Geography, College of Earth, Ocean, and Environment, University of Delaware
Joint Appointment, Associate Professor.
- 2011 - present. Latin American and Iberian studies, University of Delaware
Joint Appointment, Associate Professor.

SYNERGESTIC ACTIVITIES

Collaboration with Department of Geography on a funding proposal submitted to NSF in January '05. The proposed study intended to look into a "Dominica Vulnerability Assessment".

Collaborative Research with Departments of Geography, Anthropology, & Hotel, Restaurant Management at University of Delaware, and Department of Geography at Southern Illinois University on a funding proposal resubmitted to NSF in December '07. The proposed study intended to look into "Assessment of vulnerability toward the achievement of sustainability in Dominica".

Co-directed Study Abroad program: Dominica FREC/GEOG Winter 2012

Co-directed Study Abroad program: Dominica GEOG Winter 2016.

Educational Testing Service AP Reader , Kansas City MO, June 10th to June 18th, 2016

PROFESSIONAL MEMBERSHIPS

Fellow of the Royal Meteorological Society

International Society of Biometeorology

Association of American Geographers

American Statistical Association

COMMUNITY ACTIVITIES

University Community:

1994: Member Geographic Information Systems Faculty Search Committee, Dept. of Geography

1998-2002: University Advisor to Caribbean Student Alliance

2004: Member Physical Geog Search Committee Dept. of Geography

2005: Member Educational Affairs Committee

2006 – 2008: Member AAUP Steering Committee

2006 – present: Member College of Arts and Sciences (CAS) Steering Committee

2006 – 2010: **Chair** Educational Affairs Committee

2007 – 2010: Member CAS Committee on Diversity in Faculty Recruitment and Retention

2008 – 2010: Member University Breadth Requirement – Senate Ad Hoc Committee

2010 – 2011: Member Search Committee for Faculty Director of the Associate in Arts Program

2010 – 2011: **Co-Chair** A&S Ad hoc committee on Faculty Senate allocations

2010 – 2011: **President-Elect** College of Arts and Sciences Faculty Senate

2011 – 2012: **President** College of Arts and Sciences Faculty Senate

2011 - present: Member Faculty Senate Student life

2012 – 2016 Member Undergraduate Studies Committee

2013 – 2015: **Chair** Faculty Senate Student Life Committee

2014 – 2016: University of Delaware Campus Coalition for the prevention of Alcohol and Other Drug Abuse

2015 – present: Senator At-Large CAS Faculty Senate

2016 - present: Member CAS Faculty Senate Promotion and Tenure Committee

Department:

2003-2004: Member Undergraduate Committee

2004 Member Computational Applied Mathematics Search Committee

2005 Member Undergraduate Committee

2005 Member Math Department Chair Search Committee

2006 Member Math Department Chair Search Committee

2006 Member Hollowell Professorship Chair Search Committee

2007 Member Math Department Chair Search Committee

2007 Member Math Bio Search Committee

2008 Member Math Bio Search Committee

2009 Member Math Bio Search Committee

2011 Member Dr. Mwerinde Peer Review Committee

2012 – 2013: Member Department Advisory Committee

2016 – present: Member Department Curriculum Committee

2016 - 2017 Member Giovanna Fiorentino Sixth Year Peer Review Committee

NOMINATIONS

1987: Excellence in teaching award, University of Delaware.

2006: Excellence in teaching award, University of Delaware.

2007: Excellence in teaching award, University of Delaware.

2014: Excellence in teaching award, University of Delaware

2016: Excellence in teaching award, University of Delaware.

AWARDS

2008: College of Arts and Sciences Outstanding Service Award

PRESENTATIONS

1996: Presented paper at the Association of American Geographers 92nd Annual Meeting 9-13 April Charlotte, North Carolina: Turbulence Velocity Field Within and above an Inhomogeneous Surface

1997: Presented paper at the Association of American Geographers 93rd Annual Meeting 1-5 April Fort Worth, Texas. Intermittent Events in canopy Flows.

2009: Mathematics Awareness Month, April 2009, University of Delaware: Temporal Distribution of Ozone and Meteorological Factors in the Mid-Atlantic Region.

2011: Area Studies Series Fall Presentation.

CONFERENCES

2009: United States Conference On Teaching Statistics 25 – 27 June, Columbus, Ohio.

2010: Joint Statistical Meeting July 31 - August 5, Vancouver, BC.

2013: AP Statistics Faculty Colloquium April 5 – 7, Chicago, IL

2015: United States Conference On Teaching Statistics 28 – 30 May, State College, Pennsylvania.

2017: United States Conference On Teaching Statistics 18 – 20 May, State College, Pennsylvania.

MANUSCRIPTS REVIEWED

2000: Doing Statistics for Business, Pelosi/Sandifer, Second Edition

2001: Practical Business Statistics, Siegel, Fourth Edition

2005: Hydroclimatic Analysis of a Carbonate Island Pond through the Development of a Hydrological Landscape Unit Model, Crump/Gamble, Physical Geography.

2011: SIREV Manuscript: Local Warming by ROBERT J. VANDERBEI

PUBLICATIONS

2005: "Temporal Distribution of Ozone and Meteorological Factors in the Mid-Atlantic Region", to Water, Air, & Soil Pollution (accepted subject to revisions).

2008: (With Philippe Guyenne) A Flume Experiment on the Adjustment of the Mean and Turbulent Statistics to a transition from Short to Tall Sparse Canopies. *Boundary-Layer Meteorology*.

<http://dx.doi.org/10.1007/s10546-008-9309-7>

2009: "Climatology of Ozone in Delaware and Chesapeake Bay Region", to *Atmospheric Environment* (under review).

BOOKS

Seraphin, A., 2008. *Climatic Influences of Ozone in the Mid-Atlantic Regions*, VDM Verlag Dr. Muller, AG & Co. KG.

http://www.amazon.com/Climatic-Influences-Ozone-Mid-Atlantic-Region/dp/3639071409/ref=sr_1_1?ie=UTF8&s=books&qid=1241214523&sr=1-1