

## Susan F. Finazzo

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### **Academic Training:**

Ph.D.	Horticulture	University of Florida
M.S.	Microbiology	Pennsylvania State University
B.A./B.A.	Biology, Geology	University of Delaware
Graduate Certificate	Institutional Research	Florida State University

### **Professional Academic Experience:**

Dean of Arts and Sciences (interim), Gordon State College  
Dean of Institutional Effectiveness, SACSCOC Liaison, Georgia Perimeter College  
Department Chair for Science, Newton Campus, Georgia Perimeter College  
Interim Associate Dean of Biology, Broward College (formerly Broward Community College)  
Biology Program Coordinator, Broward College  
Interim Department Chair, Natural Sciences Department, Broward College  
Program Manager for the Environmental Science Technology program  
Assistant Professor, Department of Natural Sciences-Biology, Broward College (BC)

### **Grants and Awards**

#### **External Grants:**

University System of Georgia: STEM Education Grant (2015)  
National Science Foundation DNA Microarrays in Community Colleges (2007) – Mini grant awarded through Davidson College (GCAT)  
Hewlett Packard Technology and Teaching Leadership Grant (2006) – principal investigator  
Hewlett Packard Technology for Teaching Grant (2005) – principal investigator  
Carl Perkins; Equipment for the Environmental Science Program (1997-2000, 2005)  
Consortium for Pollution Prevention; Development of a Non-point Source Interactive CD (2001)  
National Science Foundation CCLI Grant: Project director for “Virtual Biology Laboratory” (1996)

#### **Awards:**

Recipient of the Rotary Clubs Endowed Teaching Chair (2005)  
Recipient of the Rotary Clubs Endowed Teaching Chair (2000)  
*The Broward College Foundation created several endowed teaching chairs. Faculty were nominated by students or peers. The process involved multiple layers of review by the nominating committee and members of the Foundation Board.*  
Special Appreciation Award from ARC (Achievement and Rehabilitation Centers) of Broward County  
*ARC is an advocacy group working with special needs children and adults. I worked with my students on projects related to service/community learning with this group.*  
Nominated for Professor of the Year (2004, 2001, 1996, 1994, 1992)  
*Professor of the Year nominations originated from students. I am honored to have been nominated so frequently.*

### **Professional and College Service**

#### **Professional**

President-Elect of the National Association of Biology Teachers (NABT)  
*NABT is the largest professional organization representing a single science discipline. Along with this appointment I also serve on the Board and as the Chair for the organizations Honorary Membership Committee and Past-President Advisory Committee*  
Invited member of the Education Committee of the American Institute for Biological Sciences (2013)  
Attendee (competitive selection) at the 2012 Current Topics in Genomics Short Course Offered at NIH sponsored by the National Human Genome Research Institute (8/2012)  
Introductory Biology Project Summer Conference (2012) sponsored by AAAS, invited participant (6/2012)  
Invited member of the Long Range Planning Committee of the National Association of Biology Teachers (NABT) (2009-present)  
Chair for the Two Year College Section of NABT (2007)  
  
Secretary and Chair of Teacher of the Year Award for the Two Year College Section of NABT (2005, 2010)  
Member of the National Association of Biology Teachers' Committee on Curriculum Standards  
Subject Matter Expert (SME) for McGraw-Hill Publishing (2008-present)  
Professional memberships: National Association of Biology Teachers, Human Anatomy and Physiology Society,

### **College**

Co-sponsored presentations for students by nationally recognized speaker Barb Bancroft (2004-2010), Dr. Perry Buffington (2009-2010) Mr. Sam Rhine (2006-2010) and Dr. Robert Pyatt (2013)  
Liaison Newton Campus Peoples' Garden  
Sponsor for science Lite. Lecture series showcasing biological research by local scientists. (2005-2012)  
Faculty Technology Mentor (2002-2008)

### **Curriculum Experience**

Sign Language Interpreting and Health Informatics

*As the SACSCOC Liaison I worked with the program coordinators at Georgia Perimeter College to write the substantive change documentation for these two programs and for the level change. The documentation was approved, with no recommendations.*

Early Alert

*Worked with the faculty to implement a research-based early alert program. Ultimately, the goal was to include curriculum mapping to facilitate assessment practices and continuous improvement.*

Co-developer of courses in biotechnology.

*While at Broward College I wrote and received approval for the original course in biotechnology (Methods in Immunology). That course has since led to the creation of a program in biotechnology.*

HP Technology for Teaching Leadership Grant

*My colleagues and I used this grant to develop activities for the tablet PC for use in the anatomy and physiology sequence and microbiology course. This work foreshadowed in many ways what is now called a flipped classroom.*

HP Technology for Teaching Grant

*My colleagues and I used this grant to support the complete rewrite of the curriculum for the non-majors biology laboratory.*

Environmental Science Lecture (EVR1009)

*I led a multi-disciplinary team that developed the college's first fully online environmental science class.*

General Biology

*I created the first college-sponsored fully online general biology lecture.*

Advanced Technical Certificate in Geographic Information Systems

*I worked with community stakeholders to write three of the four courses in the ATC in GIS.*

### **Publications**

- 2015 Laboratory Manual: Microbiology Fundamentals: A Clinical Approach, Steve Obenauf and Susan Finazzo, McGraw-Hill Publishing, ISBN 9781259291302
- 2012 Laboratory Manual: Microbiology Fundamentals: A Clinical Approach, Steve Obenauf and Susan Finazzo, McGraw-Hill Publishing, ISBN 9780077516390
- 2007 Endospore and Acid Fast stained images published in ASM's Microbe Library (with Derek Weber)
- 2000 Florida Water Resources (interactive CD produced for the Consortium for Pollution Prevention)
- 1997 Preparation of Technicians for the Biotechnology Industry, Georgetown University NSFATE Program (contributor)
- 1994 Partitioning of Photoassimilates in Avocado, Heron Publishing, Tree Physiology, 14,153-164
- 1990 Assimilate partitioning in avocado, *Persea Americana* Mill., Dissertation, University of Florida
- 1982 Salinity Requirement of a Marine *Thiobacillus intermedius*, Archives of Microbiology, 129 (3): 199-203

### **Presentations - National**

- 2012 "Ensuring Quality Instruction in Multi-campus, Outreach, and Dual Credit Instruction"; Invited panelist at the Introductory Biology Project Conference sponsored by the AAAS (6/2012)
- 2010 "Student Response Systems, Not Just for Lecture Anymore!" Presentation given at the National Association of Biology Teachers Annual Conference
- 2008 "Introduction of Tablet PC Technology into the Microbiology Classroom"; Poster presentation at the American Society for Microbiology Annual Meeting (with D. Weber and S. Obenauf)
- 2006 "Introduction of Mobile Technology into Anatomy and Physiology and Microbiology Lectures"; Poster presentation (with D. Weber and S. Obenauf) at the HP Technology for Teaching Worldwide Higher Education Conference
- 2005 "Introduction of Mobile Technology into the General Biology Laboratory"; Poster with several colleagues at the HP Technology for Teaching Worldwide Higher Education Conference
- 2002 "A Comparison of Student Success in Traditional and Online General Biology Lectures"; Presentation given at the National Association of Biology Teachers Annual Conference
- 2000 "Not Just Another Program: Tech Prep Summer Institute), Presenter (with other colleagues) at the National Tech Prep Network Annual Conference