

MATTHEW J. DELLAVECCHIA, Ph.D.

901 S. Flagler Drive, West Palm Beach, FL 33416 office: (561) 803-2718 email: matthew_dellavecchia@pba.edu

PROFESSIONAL EXPERIENCE

2013 – present	Associate Professor of Pharmaceutical Sciences / Associate Professor of Chemistry	Dual appointment in: - Lloyd L. Gregory School of Pharmacy (GSOP) Department of Pharmaceutical Sciences - and - - School of Arts and Sciences (SAS) Department of Chemistry at Palm Beach Atlantic University (PBA), West Palm Beach, FL
2008 – 2013	Assistant Professor Chemistry / Assistant Professor of Pharmaceutical Sciences	
2007 – 2008	Assistant Professor of Chemistry	School of Arts and Sciences, Department of Chemistry, Palm Beach Atlantic University, West Palm Beach, FL
2002 – 2006	Post-Doctoral Research Fellow	National Institute of Environmental Health Sciences/National Institutes of Health (NIEHS/NIH) – Laboratory of Molecular Genetics, Research Triangle Park, NC

EDUCATION

2002	Ph.D. – Pharmaceutical Sciences / Medicinal Chemistry	University of Florida, College of Pharmacy, Department of Medicinal Chemistry, Gainesville, FL
1996	B.S. Chemistry (w/ Honors)	University of Florida, College of Liberal Arts and Sciences, Department of Chemistry, Gainesville, FL
1995	A.A.	University of Florida, College of Liberal Arts and Sciences, Gainesville, FL

RESEARCH INTERESTS

Medicinal Chemistry
Sports Pharmacy, Dietary Supplements, and
Performance Enhancing Drugs (PEDs)
Scholarship of Teaching and Learning (SOTL)
Chemistry Coaching
Molecular Modeling
DNA Nucleotide Excision Repair
Hypusine

PROFESSIONAL MEMBERSHIPS

American Association of Colleges of Pharmacy (AACP, 2011 - present)
American Chemical Society (ACS, 2002 - present)
Sigma Xi, The Scientific Research Society, Member (2003 – 06)
American Pharmaceutical Association (APhA), Member (2000 – 01)

SUPPORT AWARDED

2018 – 19, 20	Awarded American Association of Chemistry Teachers (AACT)/American Chemical Society (ACS) Science Coaches Program Grant (\$500 each academic year to local high school for lab supplies). Coaching grant awarded with faculty at Berean Christian High School, West Palm Beach, FL
2012 – 13	Awarded Quality Initiative (QI-PBA) Research Grant “Assessing the Impact of a Pharmacy Student-led Class Project on Undergraduate Students in a Medicinal Chemistry Course” (\$1319 faculty / \$1114 student). <i>Led to poster/abstracts in 2013-14, invited talk in 2015, publication in 2017, Sports Pharmacy APPE 2017-present</i>

PUBLICATIONS (see also <http://www.ncbi.nlm.nih.gov/pubmed/?term=dellavecchia+mj>)

Peer-Reviewed Journal Articles:

- **Matthew J. DellaVecchia**, Richard J. Marrero, Jenna L. James, Trevor D. Vanscoy, and Jessica E. Lendoiro. *Rebooting a sports pharmacy advanced pharmacy practice experience: Utilizing medicinal chemistry as a foundational approach to get pharmacists back in the game.* Curr Pharm Teach Learn. **2020** Aug; 12(8): 981-1003. Epub 2020 May 16.
- **Matthew J. DellaVecchia**, Hannah Grim, and Erin Dorval. *What Pharmacists Should Know to Counsel Athletes About CBD for Pain Management.* US Pharmacist. **2020**;45(3)29-34.
- James G. Mitroka, Catherine Harrington, and **Matthew J. DellaVecchia**. *A multiyear comparison of flipped- vs. lecture-based teaching on student success in a pharmaceutical science class.* Curr Pharm Teach Learn. **2020** Jan; 12(1):84-87. Epub 2019 Nov 21.
- **Matthew J. DellaVecchia**, Alyssa M. Claudio, and Jamie L. Fairclough. *A pharmacy student's role as a teaching assistant in an undergraduate medicinal chemistry course – implementation, evaluation, and unexpected opportunities for educational outreach.* Curr Pharm Teach Learn. **2017** Nov; 9(6):1080-1090. Epub 2017 Aug18.
- Deborah L. Croteau, **Matthew J. DellaVecchia**, Lalith Perera, and Bennett Van Houten. *Cooperative damage recognition by UvrA and UvrB: Identification of UvrA residues that mediate DNA binding.* DNA Repair (Amst). **2008** Mar 1; 7(3):392-404. Epub 2008 Jan 11.
- **Matthew J. DellaVecchia***, W. Keither Merritt*, Ye Peng, Thomas W. Kirby, Eugene F. DeRose, Geoffrey A. Mueller, Bennett Van Houten, Robert E. London. *NMR analysis of [methyl-13C]methionine UvrB from Bacillus caldotenax reveals UvrB-domain 4 heterodimer formation in solution.* Journal of Molecular Biology. **2007** Oct 19; 373(2):282-95. Epub 2007 Aug 2. ***-co-first author**
- Deborah L. Croteau, **Matthew J. DellaVecchia**, Hong Wang, Mark A. Melton, Rachelle J. Bienstock, Bennett Van Houten. *The C-terminal zinc finger of UvrA is required for damage-specific recognition.* Journal of Biological Chemistry, **2006** Sep 8;281(36):26370-81. Epub 2006 Jul 7
- Hong Wang*, **Matthew J. DellaVecchia***, Milan Skorvaga*, Deborah L. Croteau*, Dorothy A. Erie, Bennett Van Houten. *UvrB domain 4: an autoinhibitory gate for regulation of DNA binding and ATPase activity.* Journal of Biological Chemistry, **2006** Jun 2;281(22):15227-37. Epub 2006 Apr 4 ***-co-first author**
- James J. Truglio, Erkan Karakas, Benjamin Rhau, Hong Wang, **Matthew J. DellaVecchia**, Bennett Van Houten and Caroline Kisker. *Structural basis of DNA damage recognition and processing by UvrB.* Nature Structural and Molecular Biology, **2006**, Apr;13(4):360-4. Epub 2006 Mar 12
- Bennett Van Houten, Deborah L. Croteau, **Matthew J. DellaVecchia**, Hong Wang, Caroline Kisker. *'Close-fitting sleeves': DNA damage recognition by the UvrABC nuclease system.* Mutation Research. **2005**, Sep 4;577(1-2):92-11.
- James J. Truglio, Benjamin Rhau, Deborah L. Croteau, Liqun Wang, Milan Skorvaga, Erkan Karakas, **Matthew J. DellaVecchia**, Hong Wang, Bennett Van Houten, Caroline Kisker. *Structural insights into the first incision reaction during nucleotide excision repair.* EMBO Journal. **2005**, Mar 9;24(5):885-94. Epub 2005 Feb 3.
- Milan Skorvaga, **Matthew J. DellaVecchia**, Deborah L. Croteau, Karsten Theis, James J. Truglio, Bhaskar S. Mandavilli, Caroline Kisker, and Bennett Van Houten. *Identification of residues within UvrB that are important for efficient DNA binding and damage processing.* Journal of Biological Chemistry. **2004**, Dec 3;279(49):51574-80. Epub 2004 Sep 28
- **Matthew J. DellaVecchia****, Deborah L. Croteau*, Milan Skorvaga, Sergey V. Dezhurov, Olga I. Lavrik, Bennett Van Houten. *Analyzing the handoff of DNA from UvrA to UvrB utilizing DNA-protein photoaffinity labeling.* Journal of Biological Chemistry. **2004**, Oct 22;279(43):45245-56. Epub 2004 Aug 11. **#JBC Paper of the Week, 10/22/2004. *-co-first author**
- James J. Truglio*, Deborah L. Croteau*, Milan Skorvaga*, **Matthew J. DellaVecchia***, Karsten Theis, Bhaskar S. Mandavilli, Bennett Van Houten, and Caroline Kisker. *Interactions between UvrA and UvrB - The role of UvrB's domain 2 in nucleotide excision repair.* EMBO Journal. **2004**, Jul 7;23(13):2498-509. Epub 2004 Jun 10. ***-co-first author**
- Scott A. Baker, **Matthew J. DellaVecchia**, Benjamin W. Smith, James D. Winefordner. *Analysis of Silicon Nitride Bearings with Laser Ablation Inductively Coupled Plasma Mass Spectrometry.* Analytica Chimica Acta. **1997**, 355: 113-119.

PUBLICATIONS continued

Letters:

- **Matthew J. DellaVecchia.** *Inaccurate serelaxin chemical structure* [Letter to the editor]. P & T Journal. Vol. 38 No. 12 p1. December **2013**.

Books/Chapters:

- Deborah L. Croteau, **Matthew J. DellaVecchia**, Milan Skorvaga, and Bennett Van Houten. *Damage Recognition by the Bacterial Nucleotide Excision Repair Machinery*. [Invited Book Chapter] in DNA Damage Recognition, Siede, Kow, Doetsch, eds. Taylor and Francis, New York, **2006**, 111-138.
- Dissertation: Matthew J. DellaVecchia *Synthesis and Analysis of Hypusine-containing Dipeptides and eIF-5A Peptide Fragments: Additional Tools to Study the Amino Acid, Hypusine*. Copyright 2002. UMI Dissertation #: 3065923. Accessible online @ <https://archive.org/details/synthesisanalysisi00dell>

INVITED PRESENTATIONS - NATIONAL

- **The Pharmacist's [MedChem] Guide to Performance Enhancing Drugs.** Chemistry Section of the American Association of Colleges of Pharmacy (AACP) National Meeting, National Harbor, Maryland. **July 2015 (CE credit awarded to attendees)**

INVITED PRESENTATIONS – LOCAL / REGIONAL

- **The Wide-Open World for Pharmacists in Sports – Rebooting a Sports Pharmacy Advanced Pharmacy Practice Experience.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida.
- co-presented with pharmacy student, Richard J. Marrero. **March 2019**
- **Introduction to Medicinal Chemistry.** Presented to high school chemistry students at Jupiter Christian High School, Jupiter, FL. **January 2019**
- **Preparing for Promotion.** Palm Beach Atlantic University – First Year Faculty Development Seminar Series.
Spring 2016, 2017 – invited by PBA Director of Faculty Development to present to first year/new faculty
- **Reflections on the “Side-Effects” of a Pharmacy Student’s Teaching Assistant Experience in a Medicinal Chemistry Course.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida.
- co-presented with pharmacy student, Alyssa M. Claudio. **April 2015**
- **An Introduction to PEDs (Performance Enhancing Drugs) for PBAU Athletes.** Palm Beach Atlantic University, Athletic Department, First Year Experience (FYE) course for freshman student-athletes. **Fall 2013, 14, 18**
- **Assessing the Impact of a Pharmacy Student-led Class Project on Undergraduate Students in a Medicinal Chemistry Course.** Palm Beach Atlantic University Interdisciplinary Research Conference. **March 2013**
– Awarded “*Outstanding Presentation: Science and Math Track*”.
- **Sulfa-allergies: A Lesson in Organic Functional Groups.** Palm Beach Atlantic University, School of Arts and Sciences – Undergraduate Science Journal Club. **April 2012**
- **Research methods in the natural sciences: personal experiences spanning undergraduate, graduate, post-doctoral fellowship, and academia.** Palm Beach Atlantic University, School of Nursing – NUR3223 Nursing Research. **April 2012**
- **Round Table Discussion Panelist – Academia/New professor category; discussed the transition from full-time research to full-time teaching.** National Institute of Environmental Health Sciences/National Institutes of Health 11th Annual Biomedical Career Fair. Research Triangle Park, NC. **April 2008**

INVITED PRESENTATIONS – LOCAL / REGIONAL continued

- **DNA Repair Mechanisms -- current research and potential areas for collaboration.** North Carolina State University – Guest Speaker at Biochemistry Department weekly seminar. Spring 2006

POSTERS AND ABSTRACTS

- **Educating Student-Athletes on Medications Used for the Treatment of Depression and Anxiety as a Component of an APPE Integrating Pharmacy Practice and Pharmaceutical Science Faculty.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida. March 2020 and College of Psychiatric and Neurologic Pharmacists (CPNP) Annual Meeting, Dallas, Texas. April 2020
Matthew J. DellaVecchia, Jacintha Cauffield, and Hannah Grim
- **A Sports Pharmacy APPE: Utilizing Medicinal Chemistry as a Foundational Approach.** 120th Annual Meeting of the American Colleges of Pharmacy, Chicago, IL. **Matthew J. DellaVecchia**, Richard J. Marrero, Jenna L. James, Trevor N. Vanscoy, Jessica Lendoiro. American Journal of Pharmaceutical Education 2019: 83 (5) Article 7654. Meeting Abstracts. **July 2019**
- **1 α , 25-Dihydroxy vitamin D3, the active form of vitamin D3, protects against allergen-induced airway constriction.** Harm Maarsingh, Adam J Remick, David TJ Stimson, Alejandro Lopez, Anthony Bolson, and **Matthew DellaVecchia**. The FASEB Journal 2019 33:1_supplement, 681.2-681.2. Experimental Biology Meeting, Orlando FL **April 2019**
- **Apoptotic Effects of Quinones on Breast Cancer Cells.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida. Paul Jackson, Adwoa Nornoo, Mireille Aleman, Vanessa Rowan, **Matthew J. DellaVecchia**. **March 2016**
- **Highlighting the Need for an Anti-Doping Protocol in Hospitals and Health Clinics.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida. April 2015 and American Society of Managed Care Pharmacists (AMCP) Annual Meeting, Tampa, Florida. April 2014
Alyssa M. Claudio, Shawna Cargill, and **Matthew J. DellaVecchia**.
- **Development of an educational outreach tool as a positive “side-effect” to a pharmacy student’s teaching assistant experience in a medicinal chemistry course.** Palm Beach Atlantic University Interdisciplinary Research Conference, West Palm Beach, Florida. March 2014 and Florida Society of Health-systems Pharmacists (FSHP) Annual Meeting, Orlando, Florida. April 2013
Alyssa M. Claudio, **Matthew J. DellaVecchia**, Jamie L. Fairclough. **March 2014**
- **Incorporating a Pharmacy Student Teaching Assistant in an Undergraduate Medicinal Chemistry Course.** 114th Annual Meeting of the American Colleges of Pharmacy, Chicago, IL. **Matthew J. DellaVecchia**, Alyssa M. Claudio, Jamie L. Fairclough. American Journal of Pharmaceutical Education 2013: 77 (5) Article 109. Meeting Abstracts. **July 2013**
- **Assessing Students’ Perceptions of Pharmaceutical Sciences in an Integrated Infectious Disease Pharmacotherapy Course.** 113th Annual Meeting of the American Association of Colleges of Pharmacy, Kissimmee, FL. American Journal of Pharmaceutical Education 2012: 76(5) Article 99. Meeting Abstracts., **July 2012 and Palm Beach Atlantic University Inaugural Interdisciplinary Research Conference, West Palm Beach, Florida. March 2012**
Lunawati L. Bennett, Elias B. Chahine, **Matthew J. DellaVecchia**, Haena Yoon.
- **Mutations Affecting UvrA's DNA Binding Affinity Do Not Alter DNA Repair Capacity.** Keystone Symposia on Genome Instability and Repair, Breckenridge, Colorado. Deborah L. Croteau, **Matthew J. DellaVecchia**, Rachelle J. Bienstock, and Bennett Van Houten. **January 2007**
- **Fourth Annual National Institute of Environmental Health Sciences (NIEHS) Science Awards Day, Research Triangle Park, North Carolina – November 2006**
 1. **Structural Studies of the Methionine Labeled Nucleotide Excision Repair Protein: UvrB.** **Matthew J. DellaVecchia**, W. Keith Merritt, Geoffrey A. Mueller, Thomas W. Kirby, Eugene F. DeRose, Robert E. London, and Bennett Van Houten.
 2. **A Novel DNA Binding Mechanism by UvrA.** Deborah L. Croteau, **Matthew J. DellaVecchia**, Hong Wang, Rachelle J. Bienstock, and Bennett Van Houten.

POSTERS AND ABSTRACTS continued

- **Autoinhibition by domain 4 of UvrB: a multifunctional gate for regulation of DNA binding, ATPase activity and protein-protein interactions.** Gordon Research Conference, Ventura California -- Hong Wang, Matthew J. DellaVecchia, Milan Skorvaga, Deborah L. Croteau, , Dorothy A. Erie, and Bennett Van Houten. March 2006
- **Third Annual National Institute of Environmental Health Sciences (NIEHS) Science Awards Day, Research Triangle Park, North Carolina – October 2005**
 1. **Cross-linking domains of the UvrABC proteins to identify DNA-protein and protein-protein contact sites.** Matthew J. DellaVecchia, Hong Wang, Deborah L. Croteau, Olga I. Lavrik, and Bennett Van Houten.
 2. **The C-terminal Zinc Finger of UvrA is Important for UvrB Loading.** Deborah L. Croteau, Matthew J. DellaVecchia, Hong Wang, Mark A. Melton, Rachelle J. Bienstock, and Bennett Van Houten.
- **Identification of the first UvrA Domain important for the interaction with UvrB.** National Institute of Environmental Health Sciences (NIEHS) Summers of Discovery. Deborah L. Croteau, Mark A. Melton, Hong Wang, Matthew J. DellaVecchia, Rachelle J. Bienstock, and Bennett Van Houten. July 2005
- **American Society for Microbiology (ASM) Conference on DNA Repair & Mutagenesis: From Molecular Structure to Biological Consequences, Southampton, Bermuda November 2004**
 1. **Analyzing the handoff of DNA from UvrA to UvrB utilizing DNA-protein photoaffinity labeling.** Matthew J. DellaVecchia, Deborah L. Croteau, Milan Skorvaga, Sergey V. Dejurov, Olga I. Lavrik, Bennett Van Houten.
 2. **The C-terminus of UvrA requires dimerization for efficient DNA binding and damage recognition.** Deborah L. Croteau, Matthew J. DellaVecchia, Hong Wang, Rachelle J. Bienstock, Bennett Van Houten.
- **Dissolved and Particulate Trace Metal Determination in Lubricating Oils by Inductively Coupled Plasma-Mass Spectrometry.** Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Atlanta, Georgia – 305P. Robin A. Russell, Matthew J. DellaVecchia, Benjamin W. Smith, James D. Winefordner. 1997

ADDITIONAL GRANTS APPLIED FOR

2014 – 15: Letter of Intent (LOI) submitted to California Table Grape Commission Research Grant Program for: *Investigation of estrogen receptor pathway involvement in breast cancer cells treated with California Grape extracts*; co-applicant with Dr. Mireille Aleman, Ph.D. Department of Chemistry, PBA

TEACHING - CURRENT COURSES

*PBA Gregory School of Pharmacy – [*medicinal chemistry components for team-taught courses (enrollment: 50-75/course)]*

PRX 1103*	Principles of Drug Action I
PRX 1203*	Principles of Drug Action II – <i>course coordinator</i>
PRX 2152*	Respiratory and Head/Ear/Eyes/Nose/Throat Pharmacotherapy
PRX 2253*	Gastrointestinal/Hepatic/Renal Pharmacotherapy
PRX 2264*	Endocrine/Musculoskeletal Pharmacotherapy
PRX 3145*	Infectious Disease Pharmacotherapy
PRX 3263*	Hematologic/Oncologic/Immunologic Pharmacotherapy
PRX 4066	Sports Pharmacy Advanced Pharmacy Practice Experience (APPE) - <i>Preceptor beginning Fall 2017</i>

PBA Department of Chemistry –

CHM 3413	Medicinal Chemistry – <i>individual instructor (enrollment: ~20/semester)</i>
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TEACHING - PAST COURSES

PBA Gregory School of Pharmacy – [**medicinal chemistry components for team-taught courses (enrollment: 50-75/course)*]

PRX 1114*	Pharmaceutics
PHR 3152*	Special Topics in Pharmacotherapy
PHA 2143*	Pharmacodynamics III

PBA Department of Chemistry – *individual instructor for the following courses: (~enrollment: 18-25/course)*

CHM1013/1010/1011L	General Chemistry I Lecture / Recitation / Laboratory
CHM1023/1020/1021L	General Chemistry II Lecture / Recitation / Laboratory
CHM1123/1120/1111L	Principles of Chemistry Lecture / Recitation / Laboratory
PHY 1041	Physical Science Laboratory
CHM4914	Senior Research

University of Florida – College of Pharmacy –

PHA5180L	Pharmaceutical Skills Laboratory (<i>graduate teaching assistant, 1999</i>)
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University of Florida – College of Engineering –

StepUP Program	Chemistry Instructor/Tutor for engineering students (<i>1995-1996</i>)
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SERVICE – PROFESSION

2019 – 20	Member , Community Engagement Committee, Chemistry Section-American Association of Colleges of Pharmacy
2019	Abstract Reviewer , for Annual Meeting of American Association of Colleges of Pharmacy, Chemistry Section
2018 – 20	Science Coach for Berean Christian High School chemistry classes in WPB, FL -- part of the American Association of Chemistry Teachers (AACT)/American Chemical Society (ACS) Science Coaches Program (<i>see also Support Awarded</i>)
2018	External Referee for faculty promotion dossier at Loma Linda University School of Pharmacy
2016	Abstract Reviewer , for Annual Meeting of American Association of Colleges of Pharmacy, Chemistry Section
2013	Invited/Acknowledged Reviewer , for Pearson Publishers textbook: content and copy editing for <i>Medicinal Chemistry – The Modern Drug Discovery Process</i> . Author: Erland Stevens. 1st edition. Published Spring 2014
2012	Invited/Acknowledged Reviewer , for WoltersKluwer/Lippincott Williams & Wilkins textbook: Foye's Principles of Medicinal Chemistry, 7 th ed. Authors: Lemke, Williams, Roche & Zito
2006	Acknowledged Reviewer of: <i>Prokaryotic Nucleotide Excision Repair: The UvrABC System</i> by James J. Truglio, Deborah L. Croteau, Bennett Van Houten, and Caroline Kisker. Published in <u>Chemical Reviews</u> 2006, 106, 233-252
2006	Acknowledged Reviewer of: <i>Mutant POLG2 Disrupts DNA Polymerase γ Subunits and Causes Progressive External Ophthalmoplegia</i> by Matthew J. Longley, Susanna Clark, Cynthia Yu Wai Man, Gavin Hudson, Steve E. Durham, Robert W. Taylor, Simon Nightingale, Douglass M. Turnbull, William C. Copeland, and Patrick F. Chinnery. Published in <u>The American Journal of Human Genetics</u> Vol. 78, p1026-1034. 2006.
2006	Member/Editor , National Institutes of Health (NIH) Fellows' Editorial Board, NIEHS/NIH, RTP, North Carolina
2005	Chemistry Ambassador , American Chemical Society Booth Volunteer, North Carolina State Fair, Raleigh, NC

SERVICE – UNIVERSITY

PBA, West Palm Beach, FL

2019 – present	Faculty Representative , Assessment Cmte (AC) [GSOP]
2019	GSOP Pharmacy School Delegate , to the American Association of College of Pharmacy (AAP) [school representative for national meeting July 2019]
2018 – 20	School Senator & Executive Committee Member , PBA Faculty Senate [representing GSOP]
2017 – 19	Faculty Representative , Curriculum and Planning and Assessment Cmte (CAP-AC) [GSOP]
2017	Academic Program Reviewer, External , for Department of Mathematics and Computer Science (PBA)
2017	Chair, Search Committee , for Pharmaceutical Sciences Dept. Chair position [GSOP]

SERVICE – UNIVERSITY continued

2016 – 18	School Senator, PBA Faculty Senate –[representing GSOP]
2016 – 17	Faculty Representative, Learning Management System (LMS) Search Committee
2016	Chair, Promotion Committee (ad-hoc), Faculty Promotion/Portfolio Internal Review [GSOP]
2015	GSOP Pharmacy School Delegate, to the American Association of College of Pharmacy (AACP) [school representative for national meeting July 2015]
2015 – 16	President, PBA Faculty Senate
2015 – present	Faculty Representative, Faculty Advocacy Committee (FAC) – [GSOP]
2014 – 15	Vice President, PBA Faculty Senate
2013 – 15	Chair, Faculty Advocacy Committee (FAC) – [GSOP]
2012 – 14	School Senator, PBA Faculty Senate –[representing GSOP]
2012 – 14	Faculty Representative, Bookstore Transition Committee
2012 – 18	Faculty co-advisor, Pre-Pharmacy Society student organization [PBA]
2011 – 15	Faculty Representative, Undergraduate Programs Committee (UPC) [PBA]
2011 – 13	Vice Chair, Faculty Advocacy Committee (FAC)– [GSOP]
2011	Chemistry Dept. Ambassador, South Florida Science Museum “Drop It, Fly It, Build It” Event–PBAU, WPB, FL
2011 – 18	Coordinator, GSOP/Undergraduate Teaching Assistant (TA) exchange – Pharm.D. students receiving academic scholarships fulfill required service hours as TAs in undergraduate science courses and laboratories
2009 – 15,17	Chemistry Instructor, PBA Science Days – annual week-long science summer camps (grades K-12)
2009 – 11	Faculty Representative, Quality Enhancement Plan (QEP) evaluation and scoring of assessments
2008 – 11	Faculty Representative, Undergraduate Pre-Health Advisory Committee [Chemistry Dept.]
2007 – 10	Coordinator, School of Arts and Sciences Guest Lecture Series [Chemistry Dept.]
2007 – 09	Faculty Representative, New Faculty Search Committees: School of Arts and Sciences, School of Nursing, School of Pharmacy
2007 – 08	Faculty Representative, Pre-Health Curriculum Review Task Force [Chemistry Dept.]
2007	Faculty Representative, New Curriculum Planning Committee–B.S. Medicinal and Biological Chemistry
2007	Faculty Grant Application Reviewer, Palm Beach Atlantic University Quality Initiative Applications
2007 – present	Student Academic Advisor – Pre-Health, Pre-Pharm, Chemistry and Pharm.D. majors

University of Florida, Gainesville, FL

1997 – 02	Secretary, Graduate Student Council, College of Pharmacy
1999 – 01	Department Representative, Graduate Student Council [Dept. of Medicinal Chemistry]

SERVICE – COMMUNITY

2019 – present	Berean Christian School Advisory Board, member, West Palm Beach, FL
2017, 19, 20	CROS Ministries, participant in gleaning projects, Boynton Beach, FL Belle Glade, FL
2018	GSOP Mission Trip Volunteer (two days), Belle Glade, FL [GSOP, WPB, FL]
2017	Participant, Walk for Life, First Care Women’s Clinic Annual Fundraiser, West Palm Beach, FL
2016	GSOP Mission Trip Volunteer (single day), Belle Glade, FL [GSOP, WPB, FL]
2015, 16, 17	Chaperone/Participant, Mini-Missions Trips for “Jr. Deacons” (3rd – 5th graders) at Grace Fellowship Church, WPB, FL (service outreach projects completed in WPB/Tampa/Orlando, FL)
2014	Judge, Science Fair, grades 3rd-5th, Binks Forest Elementary School, Wellington, FL
2013 – 15	Booth Advisor/Participant, Community Health Fair Day, GSOP WPB, FL

SERVICE – COMMUNITY continued

2011, 12, 13	Participant , Relay for Life – Cancer Research Fundraiser, PBAU, WPB, FL
2010 – 12,15	Chemistry Ambassador , demonstrations at Binks Forest Elementary School (K-5 th grade) Wellington, FL
2010 –	Sponsor , Youth For Christ, WPB, FL and Manatee, FL
2010	Volunteer , St. David’s Preschool Family Fun Day – Wellington, FL
2009	PBA Workshop Volunteer , Neighborhood Beautification project – Wellington, FL
2008	Volunteer , food and toy packaging ministry, Village Road Baptist Church, WPB, FL
2007	Participant , Leukemia Society “Light the Night” 2 mile walk, WPB, FL
2007 – present	Regular Attendee, Member and Volunteer , Grace Fellowship Church, WPB, FL – Sunday School discussion participant/teacher, usher, preschool, and KidzTown/Impact volunteer
2004, 05	Judge , Chemistry Section - North Carolina Student Academy of Science State Competition - Durham, NC

PROFESSIONAL DEVELOPMENT

2020	Udemy Course: The Pharmaceutical R&D Process, online Udemy.com
2019	EdX Course: D001x Medicinal Chemistry: The Molecular Basis of Drug Discovery, online EdX.org
2017	Faculty Service Learning Institute, PBA, West Palm Beach (WPB), FL
2016	Good Clinical Practice Course, GSOP/PBA, WPB, FL
2015 – 16	Leadership Development – Lunch n’ Learn Series, MacArthur School of Leadership, PBA, WPB, FL
2015	BIO International Convention, Philadelphia, PA
2014	American Chemical Society (ACS) Drug Discovery Webinar Series (online)
2011	Strength Finders 2.0 (online)
2011	CPR – BLS training (<i>with GSOP faculty and students</i>) GSOP/PBA, WPB, FL
2009	HPLC/XLC Instrument and Software Training at JASCO, Inc. Easton, MD
2007	eCollege/Class Live Pro Online Instructor Training PBA, West Palm Beach, FL
2006	Introduction to Copyediting Training Course EEI Communications, online
2006	Good Laboratory Practice (GLP) Course EPA, Research Triangle Park, NC
2003	Introduction to Radiation Safety NIEHS/NIH, Research Triangle Park, NC

HONORS AND AWARDS

2019-20	Teacher of the Year – Lloyd L. Gregory School of Pharmacy at Palm Beach Atlantic University
2019	Dean’s Award for Faculty Innovation , GSOP sponsored by Integra Connect
2017	Ten Year Service Award , PBA University employee
2013	“Outstanding Presentation: Science and Math Track” awarded at Palm Beach Atlantic University 2 nd Annual Interdisciplinary Research Conference (<i>see presentations</i>)
2012 – 13	Quality Initiative (QI-PBA) research grant for: “Assessing the Impact of a Pharmacy Student-led Class Project on Undergraduate Students in a Medicinal Chemistry Course” (<i>see posters/abstracts</i>)
2012	Five Year Service Award , PBA University employee
2004	“Paper of the Week” - Journal of Biological Chemistry. 2004, 279(43): 45245-45256 (<i>see publications</i>)
1997 – 00	Grinter Graduate Student Fellowship – University of Florida
1996	President’s Honor Roll – University of Florida
1993 – 96	Honors Program – University of Florida
1993 – 96	Undergraduate Scholarships – Florida Academic Scholars Award, Florida Challenger Award

REFERENCES – available upon request