

WALLACE A. MARSH

WORK ADDRESS: University of Texas at Tyler
Ben and Maytee Fisch College of Pharmacy
W T. Brookshire Hall
3218 Old Glory Rd
Tyler, Tx 75701

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EDUCATION:

Masters of Science in Education, December 2005
Nova Southeastern University, Davie, FL 33328

Masters of Business Administration, April 2002
Nova Southeastern University, Davie, FL 33328

Doctor of Philosophy, May 1999
Major: Pharmacy Administration
Dissertation Title: "Defining Effect Sizes for Hypertension"
University of Texas, Austin, TX 78712

Masters of Science, December 1996
Major: Pharmacy Administration
Thesis Title: "A Meta-analysis of the Effectiveness of Erythropoietin"
University of Texas, Austin, TX 78712

Bachelor of Science, May 1993
Major: Pharmacy
University of Texas, Austin, TX 78712

ACADEMIC POSITIONS:

Associate Dean for Academic Affairs
Clinical Associate Professor
Ben and Maytee Fisch College of Pharmacy
University of Texas at Tyler
December 2024 - Present

Director of Academic Affairs, Assessment, and Accreditation
Clinical Associate Professor
Westbrook College of Health Professions
School of Pharmacy
University of New England
July 2024 – December 2024

Director of Student Affairs, Assessment, and Accreditation
Clinical Associate Professor
Westbrook College of Health Professions
School of Pharmacy
University of New England
September 2023 – July 2024

Director of Academic Affairs, Assessment, and Accreditation
Clinical Associate Professor
Westbrook College of Health Professions
School of Pharmacy
University of New England
October 2020 – September 2023

Associate Dean for Academic Affairs
Clinical Associate Professor
College of Pharmacy
University of New England
June 2016 – Sept 2020

Assistant Dean for Assessment and Accreditation
Clinical Associate Professor
College of Pharmacy
University of New England
July 2014- May 2016

Interim Assistant Dean for Assessment
Associate Professor
School of Pharmacy
Shenandoah University
July 2013 – June 2014

Interim Assistant Dean for Academic Affairs
Associate Professor
School of Pharmacy
Shenandoah University
July 2012 – June 2013

Director, Division of Technology in Education
Associate Professor
School of Pharmacy
Shenandoah University
August 2006 – July 2012

Adjunct Professor
Doctor of Health Sciences Program
Nova Southeastern University
Fall 2010 – Spring 2011

Adjunct Professor
College of Allied Health, Occupational Therapy Department
Nova Southeastern University
Summer 2004 – Spring 2008

Adjunct Professor
College of Business and Entrepreneurship
Nova Southeastern University
October 2003 – August 2006

Assistant Professor
College of Pharmacy
Nova Southeastern University
Jan 1999 – August 2006

Teaching Assistant
College of Pharmacy
University of Texas
Fall 1993 – Spring 1998

PROFESSIONAL LICENSURE:

Texas pharmacy license #34094 (1993-Present)

TEACHING EXPERIENCE:

University of New England

Social Behavior, Population Health, and Outcomes (PHAR 478)
Course Coordinator, Spring 2023-2024

Pharmacy Management & Leadership (PHAR 577)
Course Coordinator, Fall 2022-2024

Academic APPE (PHAR 405/406, PHAR 605/606)
Spring 2021 – 1 student
Summer 2021 – 2 students
Fall 2021 – 1 student
Spring 2022 – 1 student
Fall 2022 – 3 students
Fall 2023 – 2 students
Spring 2024 – 3 students
Summer 2024 – 1 student

Advanced Standing Track Bridge Course (PHAR 170, PHAR 450)
Course Coordinator, Summer 2020, 2022-2024

Abilities Lab III (PHAR 203)
Instructor, Fall 2018

Healthcare Systems and Quality (PHAR 231, PHAR 477)
Course Coordinator, Fall 2018-24

International Healthcare Systems (PHAX 290)
Course Coordinator, Summer 2018 (course done for visiting Spanish students)

Integrated Group Learning II (PHAR 102, PHAR 356)
Course Coordinator, Spring 2018, 2020-2022
Instructor, Spring 2019

Evidence Based Medicine and Biostatistics (PHAR 124, PHAR 368)
Course Coordinator, Spring 2022-2024
Instructor, Spring 2018-21

International Healthcare Systems (PHA 242)
Course Coordinator, Fall 2016 & 2018

Interprofessional Health Care First Year Experience (IHS 130)
Course Section Coordinator, Fall 2016

Independent Student Research (PHAX 395)
Mentor to 1 student, Fall 2016
Mentor to 2 students, Spring 2017
Mentor to 1 student, Summer 2017
Mentor to 1 student, Spring 2018
Mentor to 2 students Spring 2019
Mentor to 3 students Fall 2019
Mentor to 2 students Spring 2020
Mentor to 1 student Summer 2022
Mentor to 1 student Fall 2022

Health Care Delivery and Finance (PHA 113)
Course Coordinator, Spring 2015-17

Shenandoah University

Drug Literature Analysis and Interpretation (PHAR 662)
Instructor, Fall 2013

Drug Literature Analysis and Interpretation Lab (PHAR 663)
Instructor, Fall 2013

Professional Practice Management (PHAR 704)
Instructor, Fall 2011

International Health Care Systems (PHAR 647)
Course Coordinator, Spring 2009, Spring 2011

Introduction to Pharmacy Practice (PHAR 501)
Course Coordinator, Fall 2007-9

Pharmacoeconomics (PHAR 712, section 103)
Course coordinator, Spring 2012
Instructor, Spring 2007-11, 13, 14

Clinical Research Methods/Biostatistics (PHAR 627)
Course Coordinator, Fall 2011
Instructor, Fall 2006-10, 12

Clinical Research Methods/Biostatistics Lab (PHAR 628)
Course coordinator, Fall 2011
Instructor, Fall 2006-10, 12

Nova Southeastern University

Biostatistics II (HPH 7310)
Course Coordinator
Spring 2008, Spring 2011

Biostatistics I (HPH 7300)

Course Coordinator
Fall 2007, Fall 2010

Statistical Measures for Occupational Therapists (OCT 6173)
Course Coordinator
Spring 2005-7

Applying Measurement Theory to Evaluation (OCT 6820)
Course Coordinator
Summer 2004-6

Quantitative Thinking (GMP 5040)
Cluster Instructor
Fall 2003, Winter 2004, Spring 2004, Fall 2004, Winter 2005, Spring 2005, Summer 2005, Spring 2006

Research Design & Statistics (PHA 7700)
Course Coordinator
Fall 2003, Spring 2005

Research Design & Statistics (PHA 6300)
Remedial Course Coordinator – Spring 2004
Instructor -- Fall 1999-2002
Group Discussion Leader -- Fall 1999-2001

Pharmacy Management (PHA 6440)
Course Coordinator – Fall 2004-5
Co-course Coordinator -- Fall 2000-3

Pharmaceutical Marketing (PHA 4310)
Course Coordinator - Spring 1999, Spring 2005
Site facilitator and Instructor – Spring 2003-4

Pharmacy Entrepreneurship (PHA 6441)
Instructor and Game Simulation Administrator
Spring 2002

Management & the US Health Care System (PHA 7780)
Course Coordinator
Spring 2000, Fall 2001, Spring 2003

Health Care Systems (PHA 4300)
Course Coordinator
Fall 1999, Summer 2000 (in Mexico), Fall 2000-2

International Health Care Systems (PHA 5385)
Course Coordinator -- Spring 2001, Spring 2003-4
Co-course Coordinator – Spring 2005-6

Pharmacy Administration Elective Research (PHA 5995)
Research project supervisor
Number of students varied per term

Research Project (PHA 7790)
Research project supervisor/mentor
Number of students varied per term

Communications Laboratory (PHA 5330)
Discussion Group Leader
Spring 2000-6

Pharmaceutical Marketing (PHA 4360)
Course Coordinator – Spring 1999

University of Texas

Teaching Assistant for Pharmacy Practice Lab II
Fall 1993 and Summer 1994
Duties: Supervising students, Leading discussions, and Providing short lectures

Teaching Assistant for Pharmacy Practice Lab I
Spring 1994, Summer 1995, Spring 1996, Spring 1997, and Spring 1998
Duties: Supervising students, and Assisting with the development of patient counseling, drug interaction, and literature evaluation skills

Teaching Assistant for Sterile Products Preparation
Summer – Fall 1996, and Summer – Fall 1997
Duties: Supervising students, and Demonstrating sterile techniques
Additional duties (Summer – Fall 1997): Providing lectures, and organizing other teaching assistants

INVITED GUEST LECTURES:

University of New England

Foundations of Drug Information (PHAR 117)
Topic: Statistics refresher
Fall 2018-19

Pharmacy Practice Management (PHA 107)
Topic: The manager/pharmacist and self-awareness
Spring 2015-17

Outcomes Research (PHP 305)
Topic: Evaluating the pharmaco-economic literature
Spring 2015-17

Advanced Drug Information (PHP 309)
Topic: Understanding statistics in the medical literature
Spring 2015-19

Introduction to Drug Information (PHP 108)
Topic: Statistical refresher
Fall 2014-16

Shenandoah University

Pharmacotherapy Outcomes (PHAR 617)
Topics: Pharmacoeconomics; Pharmacoepidemiology
Fall 2011-12

Topics: Classification of Disease States; Screening & diagnostic testing; Post-marketing surveillance; Direct to consumer advertisement
Fall 2007

Topics: Healthcare environment; Health management system
Fall 2006

Introduction to Pharmacy Practice (PHAR 501)
Topics: Overview of the healthcare system; Financing of the healthcare system; Drug-approval process
Fall 2009-12

Entrepreneurship (PHAR 712, section 101)
Topics: Legal structures; Pro forma statements
Spring 2007

Essentials of Pharmacogenomics (PHAR 534)
Topic: Pharmacoeconomics of pharmacogenomics
Spring 2007-11

Professional Practice Management (PHAR 704)
Topics: Financial ratios; Financial analysis
Fall 2006-10,12-13

Nova Southeastern University

Management & the US Health Care System (PHA 7780)
Topics: Financing of the system; Supervisory skills/Human resource management; Financial analysis
Spring 2006

Biostatistics (PUH 5301)
Topics: Descriptive statistics; Sampling
Spring 2004

Health Care Systems (PHA 4300)
Topics: Public healthcare system –Fall 204; Healthcare reform – Fall 2003; Health reform – Fall 2004

Publication Skills and Medical Research (MMS 5412)
Topics: How to write and publish a clinical trial; How to write and publish a review article
Summer 2003-5

Medical Epidemiology (FMC 5221)
Topic: Sensitivity and specificity
Summer 2003

Epidemiology (PUH 5430)
Topic: Evaluating diagnostic testing
Spring 2003, Summer 2003, Fall 2003, Fall 2004, Spring 2005, Fall 2005, Spring 2006

Publication Skills (PUH 5214)
Topic: Publishing a meta-analysis
Summer 2002

Pharmaceutics II lab (PHA 3110)
Topic: Instructor for ‘Sterile Product Preparation Labs’
Spring 2000-1, Spring 2003-6

Pharmaceutical Marketing (PHA 4300)
Topic: Direct to consumer advertising
Spring 2000-2, 2005

Pharmaceutical Marketing (PHA 4300)
Topics: Marketing mix; Pharmaceutical products
Spring 2002

Research Design & Statistics (PHA 7700)
Topic: Probability
Fall 2000, Spring 2002

Pharmacoeconomics (PHA 7410)
Topic: Decision analysis
Spring 1999

GRANT FUNDING:

Correlating pharmacy students stress levels with their stress perception and performance. Funded by UNE-CETL SoTL mini grant [\$3,850]. Summer 2017. Co-Investigator

A cross-sectional study of dental students' learning approaches across first, second, third and fourth years using the ASSIST questionnaire. Funded by UNE-CETL SoTL mini grant [\$2,070]. Summer 2016. Co-Investigator

Identification of and intervention to reduce risk factors for the development of selected chronic diseases in teens. Funded by SU [\$2,000]. Fall 2013. Co-Investigator

Comparison of pharmacist respondents completing a mailed survey and online survey: The 2005/2006 Florida pharmacy salary survey as test case. Funded by NSU-HPD [\$4,049]. Spring 2006. Principal Investigator

Evaluation of the impact of faculty mediated interventions on pharmacy students' postgraduate interests. Funded by NSU-HPD [\$2,500]. Fall 2005. Co-Investigator

Clinical pharmacist impact on medication appropriateness for elderly veterans residing in assisted living facilities. Funded by NSU through Faculty President's Research & Development Award [\$10,000]. Spring 2004. Co-Investigator

Personal empowerment via a multidisciplinary diabetes education program. Funded by NSU through Faculty President's Research & Development Award [\$10,000]. Spring 2004. Co-Investigator.

2003/2004 Florida pharmacist compensation survey. Funded by NSU-HPD [\$2,500]. Spring 2004. Co-Investigator.

Survey of physician prescribing patterns of Oxycontin™ and the impact of the media. Funded by NSU-HPD [\$2,500]. Spring 2004. Co-Investigator.

Classification of different masticatory activities by EMG signal levels in patients with different types of malocclusion. Funded by NSU through Faculty President's Scholarship Award [\$10,000]. Spring 2003. Co-Investigator.

Health literacy among arthritic patients. Funded by Pfizer Inc [\$50,000]. Fall 1999. Co-Investigator.

Florida pharmacist's salary and compensation questionnaire. Funded by Florida Pharmacists Association, NSU-HPD, and NSU-College of Pharmacy [\$10,000]. Fall 1999. Co-Investigator.

PUBLICATIONS:

- Vincent SB, Marsh W, Goodwin M, Farr J. Impact of Providing a Living Learning Community for First-Year Pre-Pharmacy Students. *AJPE*; Jan 2021, 85 (1): 8268. [DOI: <https://doi.org/10.5688/ajpe8268>]
- Langevin TL, Antonoff D, Renodin C, Shellene E, Spahr L, Marsh WA, Rosene JM. Head impact exposures in women's collegiate rugby. *The Physician and Sportsmedicine*; 49:1, 68-73. [DOI: 10.1080/00913847.2020.1770568]
- Alston GL, Marsh WA, Castleberry AN, Kelley KA, Boyce EG. Pharmacists opinions of the value of specific applicant attributes in hiring decisions for entry-level pharmacists. *Res Soc Admin Pharm* 2019; 15:536-45. [<https://doi.org/10.1016/j.sapharm.2018.07.004>]
- Patel I, Guy J, Han Y, Marsh W, Pierce R, Johnson MS. Effects of Ebola Virus disease education on student health professionals. *Curr Pharm Teach Learn* 2018; 10:651-6 [<https://doi.org/10.1016/j.cptl.2018.01.011>].
- Alston GL, Marsh WA, Castleberry AN, Kelley KA, Boyce EG. Pharmacists' opinions of the value of CAPE outcomes in hiring decisions. *Am J Pharm Educ* 2017; 81(10): Article 6112.
- Rojas ME, Marsh W, Felici-Giovanini ME, Rodriguez-Benitez RJ, Zevallos JC. Impact of secondary prevention on mortality after a first ischemic stroke in Puerto Rico. *PR Health Sci J* 2017; 36(1): 11-16
- Marsh WA, Brazeau GA. Rethinking our human resources. *Am J Pharm Educ* 2016; 80(2): Article 17.
- Webber P, Marsh W, Jung L, Gardiner M, James J, McMullan P. Effectiveness of early identification and electronic interventions for teens with risk factors for development of heart disease and diabetes. *JAANP* 2016; 28(1):47-53.
- Marsh WA, Monroe DM, Brin MF, Gallagher CJ. Systematic review and meta-analysis of the duration of clinical effect of onabotulinumtoxinA in cervical dystonia. *BMC Neurology* 2014; 14:91 (doi:10.1186/1471-2377-14-91).
- DiVall MV, Hayney MS, Marsh W, Neville MW, O'Barr S, Sheets ED, Calhoun LD. Perceptions of pharmacy students, faculty members, and administrators on the use of technology in the classroom. *Am J Pharm Educ* 2013; 77(4):Article 75.
- Quevedo J, Marsh W, Yulfo J, Alvarez O, Felici M, Rojas ME. Prescribing patterns and safety of mezcilits for respiratory illnesses. *PR Health Sci J* 2012; 31(3):138-44.
- Lizer MH, Parnapy-Jawaid SA, Marsh WA, Mogili L. The impact of a pharmacist assisted clinic upon medication adherence and quality of life in mental health patients. *Pharm Pract*. 2011; 9(3):122-127.
- Steinberg JG, Machado C, Clarke H, Marsh WA, Kelly G. Impact of pharmacy-generated recommendations on antibiotic therapy in a community hospital. *Hospital Pharmacy* 2008; 43(12):988-993.
- Clauson KA, Polen HH, Peak AS, Marsh WA, DiScala SL. Clinical decision support tools: personal digital assistant vs. online dietary supplement databases. *Annals of Pharmacotherapy* 2008; 42: DOI 10.1345/aph.1L297. [online at: <http://www.theannals.com/cgi/reprint/aph.1L297v1>]
- Clauson KA, Peak AS, Marsh WA, DiScala S, Bellinger RR. Clinical Decision Support Tools: Focus on Dietary Supplement Databases. *Altern Ther Health Med* 2008; 14(3):36-40.
- Machado C, Zapantis A, Singh-Franco, D, Marsh W, Beckey C. Effect of faculty-mediated interventions on pharmacy students' pursuit of postgraduate training. *Am J Health Syst Pharm* 2008; 65:158-163.
- Turck CJ, Marsh W, Stevenson JG, York JM, Miller H, Patel S. Pharmacoeconomics of surgical intervention vs. cyclooxygenase inhibitors for the treatment of patent ductus arteriosus. *JPPT* 2007; 12(3):183-192.

- Clauson KA, Polen HH, Marsh WA. Clinical decision support tools: Performance of personal digital assistant versus online drug information databases. *Pharmacotherapy* 2007; 27(12): 1651-1658.
- Yeen W, Carillo E, Bragg S, Marsh W, Gilson S, Meltzer T. Cost analysis of vertical deceleration injury in the acute setting. *Euro J Trauma Emergency Surg* 2007; 33(3):251-255.
- Clauson KA, Marsh WA, Polen HH, Seamon MJ, Ortiz BI. Clinical decision support tools: analysis of online drug information databases. *BMC Med Informatics Decision Making* 2007; 7(7): doi:10.1186/1472-6947-7-7. [online at: <http://www.biomedcentral.com/1472-6947/7/7>]
- Droege M, Marsh WA, Alvarez GN, Hunter TS. Comparing the T-scores from bone-sonometer measurements in Hispanic and non-Hispanic white women. *Pharmacy Practice* 2006; 4(4): 179-182.
- Lafferty L, Hunter TS, Marsh WA. Knowledge, attitude, and practice of pharmacists relating to prescription drug abuse. *J Psychoactive Drugs* 2006; 38(3):229-232.
- Andrews-Barbarello L, Marsh W. Pharmacoeconomics of surfactant therapy. *J Pediatr Pharmacol Ther* 2006; 11:153-160.
- Gerdes JS, Seiberlich W, Sivieri EM, Marsh W, Varner DL, Turck CJ, York JM. An open label comparison of calfactant and poractant alfa administration traits and impact on neonatal intensive care unit resources. *J Pediatr Pharmacol Ther* 2006; 11(2):92-100.
- Ward C, Garrett S, Marsh W. Does instructor presence in the classroom influence examination scores in a therapeutics course delivered via interactive videoconferencing technology? *Pharm Educ* 2006; 6(2):119-123.
- Barbarello L, Marsh W. Economic impact of combination therapies. *Hosp Pharm* 2006; 5(Suppl 1):S23-S30.
- Droege M, Marsh WA, Arneson DL. What we earn: 2004 Florida pharmacist compensation and labor survey. *Florida Pharmacy Today* 2005; 68(6):13-15.
- Hunter T, Droege M, Marsh W, Droege W. Effectively managing pharmaceutical returns and waste. *Drug Topics* 2005; (Jan 24):36-45.
- Phang J, Marsh WA, Barlows TG, Schwartz HI. Determining feeding tube location by gastric and intestinal pH values. *NCP* 2004; 19(6):640-644.
- Marsh W, Smeeding J, York J, Ramanathan R, Sekar K. A cost minimization comparison of two surfactants, Beractant and Poractant Alfa, based upon prospectively designed, comparative clinical trial data. *J Pediatr Pharmacol Ther* 2004; 9:117-125.
- Acosta-Ortiz R, Schulte JK, Sparks B, Marsh W. Prediction of different mandibular activities by EMG signal levels. *J Oral Rehabil* 2004; 31(5):399-405.
- Alvarez G, Marsh W, Camacho I, Gracia S. Effectiveness and tolerability of Carbamazepine vs Oxcarbazepine as mood stabilizers. *Clinical Research and Regulatory Affairs* 2003; 20(4):365-372.
- Hunter TS, Marsh W. Solutions for compliance with HIPAA regulations. *Drug Topics* 2003; 147(Oct 20):40-45.
- Hunter TS, Deziel-Evans L, Marsh WA. Assuring excellence in distance pharmaceutical education. *Am J Pharm Educ*. 2003; 67(3):article 94.
- Luque CA, Marsh WA, Rey JA. Update on the pharmacological therapy of obesity. *CJHP* 2003; 15(3):4-13.

Machado C, Barlow TG, Marsh WA, Coto-DePani Y, and Dalin G. Pharmacists on the emergency cardiopulmonary resuscitation team: Their responsibilities, training, and attitudes. *Hosp Pharm* 2003; 38:40-49.

Marsh W. Introduction to the Internet. In: Hunter TS, ed. *e-pharmacy: A guide to the internet carezone*. Washington DC: American Pharmaceutical Association, 2002:1-28.

Marsh W, Kost TM. Resources for Pharmacy Professionals. In: Hunter TS, ed. *e-pharmacy: A guide to the internet carezone*. Washington DC: American Pharmaceutical Association, 2002:105-138.

Assa M, Arneson D, Marsh W. Florida pharmacist salary and workload report, Part 1: salary. *Florida Pharmacy Today* 2001; 65(10):19-21.

Assa M, Arneson D, Marsh W. Florida pharmacist salary and workload report, Part 2: workload and benefits. *Florida Pharmacy Today* 2001; 65(11):16-17.

Marsh WA, Rascati KL. Meta-analysis of the effectiveness of erythropoietin for end-stage renal disease and cancer [extended abstract]. *Focus on Anaemia in Cancer* 2000;1(1):16-17.

Marsh WA, Rascati KL. Meta-analysis of the effectiveness of erythropoietin for end-stage renal disease and cancer. *Clin Therapeut* 1999; 21(9):1443-55.

Defining effect sizes for hypertension. Dissertation, University of Texas, May 1999.

A meta-analysis of the effectiveness of erythropoietin. Masters Thesis, University of Texas, December 1996.

CONFERENCE RESEARCH PRESENTATIONS:

Myerson M, Marsh W. Risk of Breast Cancer in Women Who Use Oral Contraceptives: A Meta- Analysis. [Poster]. Presented at the ASHP Mid-Year Clinical meeting (virtual), December 2020

Poirier E, Marsh W. Meta-analysis of HIV therapies. [Poster]. Presented at the ASHP Mid-Year Clinical meeting (virtual), December 2020

Komabayashi T, Stickney I, Marsh W. Cross-sectional study of dental students' learning approaches using ASSIST questionnaire. [Poster]. Presented at the American Dental Education Association meeting in Orlando, FL March 2018.

Chace A, Sargent W, Marsh W, Teter C. Impact of a single interprofessional intervention on healthcare student stigma toward patients with substance use disorders. [Poster]. Presented at the ASHP Mid-Year Clinical meeting in Orlando, FL December 2017

Parmelee L, Marsh W. Prediction of academic performance in pharmacy school based upon admissions characteristics. [Poster]. Presented at the ASHP Mid-Year Clinical meeting in Orlando, FL December 2017

Paroan J, Patel I, Han Y, Marsh W, Johnson M. Pharmacy student awareness, aspiration, and preparation for pursuing research fellowships. [Poster]. Presented at the AACP Annual Meeting in Anaheim, CA July 2016.

Webber P, Jung L, Marsh W, Gardiner M. Effectiveness of early identification and electronic interventions for teens with risk factors for development of heart disease and diabetes. [Poster]. Presented at the AAP National Conference and Exhibition in Washington, DC October 2015.

Slater N, Shelton P, Marsh W. Examining pharmacy students' critical thinking abilities in the context of their learning styles. [Poster]. Presented at the AACP Annual Meeting in Washington, DC July 2015

- Alston G, Kelley K, Marsh W, Castleberry A, Boyce E. The Hiring Intent Reasoning Examination survey results revealed! [Special Session]. Presented at the AACP Annual Meeting in Washington, DC July 2015.
- Marsh W, Monroe D, Gallagher C. A meta-analysis of the duration of clinical effect of onabotulinumtoxinA in cervical dystonia. [Poster]. Presented at the ISPOR European Meeting in Madrid, Spain Nov 2011.
- Parnapy S, Lizer M, Marsh W, Mogili L. The impact of a pharmacist assisted clinic upon medication adherence and quality of life of mental health patients. [Poster]. Presented at the AACP Spring Practice and Research Forum in Charlotte, NC April 2010.
- Ellis AW, Parnapy S, Marsh W. Health literacy and misunderstanding of nonprescription analgesic drug facts labels in a Spanish-speaking population. [Poster]. Presented at the APhA Annual Meeting in Washington, DC March 2010.
- Clauson KA, Polen H, Discala S, Peak A, Marsh W. Clinical decision support tools: personal digital assistant vs. online dietary supplement databases. [Poster]. Presented at the ASHP Mid-Year Clinical Meeting in Las Vegas, NV Dec 2007
- Clauson KA, Marsh W, Peak A, DiScala S, Bellinger R. Clinical decision support tools: focus on dietary supplement databases. [Poster] Presented at the American Medical Informatics Association Spring Congress in Orlando, FL May 2007
- Lorenzo D, Marsh W, Nemire R, Gidal B, Ramsay E. A survey of bone health among patients coming to an Epilepsy Center. [Poster] Presented at the North American Regional Epilepsy Congress in San Diego, CA Dec 2006.
- Bellinger R, Clauson KA, Marsh W, Polen H. Clinical decision support tools: performance comparison between online and personal digital assistant (PDA) drug information databases. [Poster] Presented at the ASHP Midyear Clinical meeting in Anaheim, CA, Dec 2006.
- Machado C, Zapantis A, Singh-Franco D, Marsh W, Beckey C, Ortiz B. Impact of faculty mediated interventions on pharmacy students' interests in pursuing post-graduate training (PGT). [Poster]. Presented at the ASHP Midyear Clinical meeting in Anaheim, CA Dec 2006.
- Clauson KA, Seamon MJ, Marsh WA, Ortiz BI, Polen H. Evaluation of the functionality of subscription and free online drug information databases. [Poster] Presented at the 11th World Congress on Internet in Medicine, Toronto, Ontario, October 2006.
- Oodal K, Marsh W. A meta-analysis of migraine prevention with the use of propranolol. [Poster]. Presented at the FPA annual meeting in Boca Raton, FL June 2006.
- Fernandez S, Lacayo A, Marsh W. The role of SSRI's in sexual dysfunction. [Poster]. Presented at the FPA annual meeting in Boca Raton, FL June 2006.
- Leon I, Marsh W. Evaluation of patients' medication knowledge in the south Florida Hispanic population. [Poster]. Presented at the FPA annual meeting in Boca Raton, FL June 2006.
- Medhani R, Marsh W. To evaluate the impact of proactive intervention in pneumococcal vaccination. [Poster]. Presented at the FPA annual meeting in Boca Raton, FL June 2006.
- Torres R, Maniscalco M, Marsh W. Medication therapy management: knowledge and attitudes of Florida and Puerto Rico pharmacists. [Poster]. Presented at the APhA annual meeting in San Francisco, CA March 2006.
- Acosta-Ortiz R, Brandt R, Cuartas SP, Marsh W. Classification of different masticatory activities by EMG signals levels in patients wearing mandibular overdentures-tissue supported-implant retained. [Poster].

Presented at the American Association of Dental Research (AADR) annual meeting in Baltimore, MD March 2006.

Phang J, Prager R, Marsh W. Feeding tube placement with the aid of a new electromagnetic transmitter. [Poster]. Presented at the ASPEN annual meeting in Dallas, TX February 2006.

Petrova M, Machado C, Calderin R, Marsh W, Kelly G. Impact of clinical pharmacy services in a community hospital neonatal intensive care unit (NICU). [Poster]. Presented at the ASHP Mid-year Clinical meeting in Las Vegas, NV December 2005.

Kielbasa L, Daniel K, Marsh W. Impact of a pharmacist-run diabetic clinic on attainment of American Diabetes Association goals. [Poster]. Presented at the ACCP annual meeting in San Francisco, CA October 2005.

Marsh W, Seiberlich W, Sivieri EM, York JM, Gerdes JS. An open-label comparison of calfactant and proactant alfa administration traits and impact on neonatal intensive care unit resources. [Poster]. Presented at the PPAG annual meeting in Chicago, IL October 2005.

Santiago E, Cruz L, Rivera G, Marsh W. Adherence to the VA protocol of anti-emetics to prevent chemotherapy induced nausea and vomiting after clinical pharmacist intervention. [Poster]. Presented at the Puerto Rican Pharmacy Association annual meeting in August 2005.

Rojas M, Marsh WA. Physician's awareness of self-help support groups for alcoholic patients and their families. [Poster]. Presented at the Puerto Rican Pharmacy Association annual meeting in August 2005.

Kuiper VP, Marsh WA. Impact of a knowledge base implementation on pharmacy staffing for a computer support organization. [Poster]. Presented at the FSHP annual meeting in Orlando, FL August 2005.

Alfonso-Serrano L, Marsh W. Patients' perceptions and satisfaction with pharmaceutical care in a community setting. . [Poster]. Presented at the FPA annual meeting in Marco Island, FL July 2005.

Sikora M, Marsh W. Patients in the Nursing Home on Antipsychotic Medications have a Greater Incidence of Falls than Patients not on Antipsychotic Medications. [Poster]. Presented at the FPA annual meeting in Marco Island, FL July 2005.

Wyse K, Marsh W. Maximizing the Potential for Electronic Data Capture (EDC) Technology. [Poster]. Presented at the FPA annual meeting in Marco Island, FL July 2005.

Leath M, Marsh W. A Meta-Analysis of Nicotine Replacement Patches to Quit Smoking. [Poster]. Presented at the FPA annual meeting in Marco Island, FL July 2005.

Marsh WA, Droege M, Daniel KL. Investigating pharmacists' perceptions of prescribing privileges in the state of Florida. [Poster]. Presented at the APhA annual meeting in Orlando, FL April 2005.

Warburton SL, Daniel KL, Marsh WA, Kielbasa L. Pharmacists' views and knowledge about hormone replacement therapy. [Poster]. Presented at the ASHP Midyear Clinical meeting in Orlando, FL December 2004.

Nguyen T, Marsh W. Therapy costs and patient compliance. [Poster]. Presented at the FSHP annual meeting in Orlando, FL August 2004.

Hsieh W, Marsh W. Patient counseling: BSpHarm or PharmD pharmacists...Does it make a difference? [Poster]. Presented at the FPA annual meeting in Orlando, FL July 2004.

- Larison D, Bernstein J, Marsh W, Gordon N. Surveillance of benzodiazepine adverse drug events through hospital use of Flumazenil. [Poster]. Presented at the Southeastern Pharmacy Residents Conference in Athens, GA May 2004.
- Warburton S, Daniel KL, Marsh W. A comparison of the validity and reliability of automatic blood pressure monitors. [Poster]. Presented at the APhA annual meeting in Seattle, WA March 2004.
- Maniscalco M, Daniel KL, Marsh W. Pharmacist and pharmacy student knowledge and attitudes regarding emergency contraception. [Poster]. Presented at the APhA annual meeting in Seattle, WA March 2004.
- Alvarez G, Hunter T, Marsh W. Identifying Hispanic women at risk for osteoporosis in community settings. [Poster]. Presented at the APhA annual meeting in Seattle, WA March 2004.
- Marsh WA, Smeeding J, York JM, Sekar KC, Ramanathan R. Cost minimization analysis of treatment for respiratory distress syndrome. [Poster]. Presented at the ASHP Midyear Clinical meeting in New Orleans, LA December 2003.
- Marsh W, Smeeding J, York J. Cost minimization analysis of Curosurf and Survanta. [Poster]. Presented at the Pediatric Pharmacy Advocacy Group (PPAG) meeting in Dana Point, CA October 2003.
- Ward C, Garrett S, Marsh W. Does instructor presence influence exam scores in a therapeutics course delivered via interactive compressed video technology. [Poster]. Presented at the AACP meeting in Minneapolis, MN July 2003
- Acosta-Ortiz R, Restrepo X, Bradley P, Marsh W. Reliability of an electrical threshold neurometer to evaluate sensory nerve conduction for the trigeminal nerve. [Poster]. Presented at the AAOP meeting in San Juan, PR April 2003.
- Acosta-Ortiz R; Alvares R; Brandt R; Marsh W. Classification of different masticatory activities by EMG signal levels complete denture patients. [Poster]. Presented at the American Association of Dental Research (AADR) meeting in San Antonio, TX Summer 2003.
- Ng H, Marsh W. Public Opinion and use of herbal products in southeast florida. [Poster]. Presented at FPA Annual Meeting in Hollywood, FL June 2002.
- Daniel KL, Fabelo A, Marsh WA. Value of a pharmacist osteoporosis screening in a community practice. [Poster]. Presented at ACCP Spring Practice and Research Forum/Updates in Therapeutics in Savannah, GA April 2002.
- Acosta-Ortiz R, Schulte JK, Marsh W. Benefits of having an individual EMG signal baseline to classify masticatory activities with EMG characteristics. [Poster]. Presented at American Academy of Orofacial Pain in San Antonio, TX April 2002.
- Phang J, Barlows TG, Marsh W. Determining feeding tube location using gastric and intestinal PH values. [Poster]. Presented at the Nutrition Week Meeting in San Diego, CA February 2002.
- Machado C, Barlows TG, Marsh W, Coto DY, Dalin G. Pharmacists' involvement in the cardiopulmonary emergency response team: Their responsibilities, training, and attitudes. [Platform]. Presented at the ASHP Midyear Clinical meeting in New Orleans, LA December 2001.
- Daniel KL, Bernstein BJ, Marsh W, Arneson D. Evaluation of PCAT scores and GPA as predictors of academic performance. [Poster]. Presented at the AACP Annual meeting in Toronto, Canada July 2001.
- Okosodo M, Lai L, Marsh W. Does LMWH cost less than UFH: A cost-minimization analysis. [Poster]. Presented at the FPA Annual meeting in Marco Island, FL June 2001.

Francois S, Dumery D, Luque-Rey C, Marsh W. A randomized, prospective study of pharmacy patients' attitudes toward provision and source of medical information. [Poster]. Presented at the FPA Annual meeting in Marco Island, FL June 2001.

Jun LJ, Marsh WA. Use of herbal products among pharmacy students [Poster]. Presented at the ASHP Midyear Clinical meeting in Las Vegas, NV December 2000.

Peters K, Marsh W. Florida pharmacists' opinions of DTCA [Poster]. Presented at the FPA Annual meeting in Orlando, FL July 2000.

Marsh WA, Rascati KL. A meta-analysis of the effectiveness of erythropoietin [Poster]. Presented at the APhA Annual meeting in Los Angeles, CA March 1997.

Bucek, KL, Marsh WA, Salzman RD. Pharmacy technician IV math survey [Poster]. Presented at the ASHP Midyear clinical meeting in Orlando, FL December 1992.

Marsh WA, Rascati KL. Pharmacy computer satisfaction survey [Poster]. Presented at the ASHP Midyear Clinical meeting in Orlando, FL December 1992

OTHER CONFERENCE PRESENTATIONS:

Invited Speaker

Marsh W. Shenandoah's IM Learning Initiative. Presented at the @ Hand Symposium. University of Maryland at Baltimore. April 21, 2010

Marsh, W. An economic comparative assessment of Procrit and Aranesp. Audience: Chemotherapy-related anemia advisory board. Presented at AMCP Educational Conference in Washington, DC October 2002.

Marsh W, Assa M, Arneson D. Florida pharmacists' compensation & workload. Presented to FPA Foundation and FPA House of Delegates at FPA Annual meeting in Marco Island, FL June 2001.

Marsh W, Davie P. Developing an international, multidisciplinary curriculum for postgraduate education in pharmacoconomics [Workshop]. Presented at the ISPOR European meeting in Antwerp, Belgium November 2000.

Continuing Education Presentations

Hunter T, Droege M, Marsh W. Strategies Optimizing Management of Pharmaceutical Returns. Presented at NSU Contemporary Pharmacy Issues CE Program, May 2004

Marsh W. Evaluating Future Prescription Costs & Payers. Presented at NSU Fall Classic CE Program, November 2002.

Marsh W. Who's paying for the future of drug therapy? Presented at NSU Contemporary Pharmacy Issues CE Program, May 2002.

ACKNOWLEDGEMENTS:

Pardue KT. A framework for the design, implementation, and evaluation of Interprofessional education. *Nurse Educ* 2015; 40(1): 10-15. [for design and evaluation assistance]

Zueger PM, Katz NL, Popovich NG; Assessing outcomes and perceived benefits of a professional development seminar series. *Am J Pharm Educ* 2014; 78(8):article 150. [for survey content review assistance]

Phipps SD, Brackbill ML; Relationship between assessment item format and item performance characteristics. *AJPE* 2009; 73(8):article 146. [for statistical assistance]

OTHER SCHOLARSHIP:

Editorial Board Member for *Currents in Pharmacy Teaching and Learning* July 2015- Oct 2016

Editorial Board Member for *Pharmacy* 2012-2014

Abstract Reviewer for ISPOR Meetings (both European and Annual). Spring 2002-18

Reviewer & Contributor to *ISPOR Lexicon 2nd ed.* Spring 2001 & Spring 2002

Podium & Poster reviewer/judge for ISPOR Meetings. Fall 2000, Spring 2001, Spring 2002, Spring 2003, Spring 2006, Spring 2008

Abstract Review for American Public Health Association Annual Meeting. [Alcohol, Tobacco, and other Drugs section] Spring 2000, Spring 2004.

Book/Course Review for APhA. Fall 1999, Fall 2001, Fall 2002, and Fall 2008

Discussion leader for an APRS breakfast-roundtable at APhA annual meeting. Topic: Meta-analysis. Spring 1999

Journal peer review for *Medical Care*, *JMCP*, *Current Medical Research and Opinion*, *Am J Pharm Educ*, *JAPHA*, *Curr Pharm Teach Learn*

SERVICE:

National

APhA SAS Section, Curriculum Committee member (August 2024 – Present)

APhA SAS Section, Programming Committee member (August 2023-July 2024)

AACP Institutional Research and Assessment Committee member (July 2016- July 2017)

AACP Assessment SIG Secretary of Knowledge Management (April 2016 – July 2019)

AACP TiPEL SIG webinar entitled “Assessment Related Technologies” (August 2016)

AACP COD Pharmacist Recruitment and Admissions Taskforce member (July 2015 – July 2016)

AACP Assessment SIG Networking/Mentoring Taskforce Co-chairperson (July 2015 – July 2016)

AACP Assessment SIG Programming Committee (July 2014 - July 2015)

AACP TiPEL SIG Secretary (July 2011 – July 2013)

ISPOR Distance Education Taskforce Immediate Past Chairperson (May 2011 – May 2013)

Rho Chi Web Steering Committee Chairperson (May 2010 – March 2011)

ISPOR Distance Education Taskforce Chairperson (November 2006 – May 2011)

ISPOR Risk Implementation Working Group (September 2004 – June 2008)

ISPOR Randomized Clinical Trial - Cost-effectiveness Analysis Best Practices (RCT-CEA) Task Force Reference Group (June 2004 – May 2006)

ISPOR Learning Outcomes Steering Committee Co-chairperson (June 2004 – May 2005)

ISPOR Learning Outcomes Steering Committee member (March 2003 – June 2004)

ISPOR Internet Education Steering Committee member (October 2002 – Fall 2003)

ISPOR Curriculum Development North America Taskforce Chairperson (May 2000 – June 2002)

ISPOR Fellowship Committee – committee member (May 1999- May 2000)

University

University of New England

Nor'easter Undergraduate Core Curriculum Committee (September 2022 – December 2024)
University Assessment Council (January 2015 – December 2024)
Co-Chair for Standard 8 of the NEASC self-study (February 2016 - April 2017)
Co-Chair for Standard 2 of the NEASC self-study (September 2015 - February 2016)

Shenandoah University

University Information & Technology Committee (September 2007 – May 2008)
University Website Redesign Steering Committee (January 2007 – May 2008)
University Curriculum Committee member (August 2006 – July 2009)

Nova Southeastern University

HPD Faculty Research Development Committee (Spring 2002 – July 2006)
Institutional Review Board, Chair of Conflict of Interest Subcommittee (September 2005 – July 2006)
Institutional Review Board, Adverse Events Subcommittee member (January 2005 – July 2006)
Institutional Review Board, 3rd Vice Chair (November 2004 – July 2006)
Institutional Review Board, College representative (February 2000 – October 2004)

College/School of Pharmacy

University of Texas at Tyler

Executive committee member (December 2024 – Present)

University of New England

Faculty Advisor to APhA student chapter (September 2022 – December 2024)
Executive committee member (June 2022 – December 2024)
Leadership committee member (September 2018-June 2022)
Reappointment, Promotion, and Tenure committee member (Nov 2017, Nov 2018, Sept 2021, Sept 2022, Sept 2024)
Co-Curricular Badge Taskforce chair (September 2016 – August 2017)
Admission committee member (September 2017-May 2019)
Admission committee co-chair (August 2016 – August 2017)
Branding Taskforce member (January 2016 - April 2016)
Strategic Planning Taskforce chair (September 2014 - December 2015)
Academic Affairs committee member (July 2014 – December 2024)
Assessment and Evaluation committee member (July 2014- December 2024) (co-chair July 2014-July 2017)
Accreditation Self-Study committee member (July 2014 – July 2019)
Executive committee member (July 2014 – Sept 2018)

Shenandoah University

Curriculum committee member (August 2012-June 2014)
Academic Standards and Progressions committee chair (August 2012-June 2013)
Admissions committee member (August 2012-June 2013)
Student Affairs committee member (August 2012-June 2013)
Assessment committee chair (February 2011 – August 2012, August 2013 – June 2014)
Assessment committee member (August 2010 – January 2011)
ACPE Self-Study committee member (May 2010 – June 2011)
Strategic Planning committee member (August 2008- May 2009)
Technology committee member (August 2008- May 2011, August 2012-June 2013)
Academic Affairs committee chair (August 2007 – May 2009)
Academic Affairs committee member (August 2006 – May 2007)
Executive committee member (August 2006 – June 2014)
Faculty Advisor to NCPA student chapter (August 2006 – June 2014)
Co-Advisor to CPFI student chapter (August 2011 – June 2014)

Nova Southeastern University

College of Pharmacy Delegate to AACP (2003-2004 academic year)
Pharmacy Research Committee (Jan 2000 – Nov 2000; July 2004 – Summer 2005)
Pharmacy Technology Committee (Fall 2002-Summer 2005)
CE Committee (Fall 2000-Spring 2002)
Pharmacy Practice Curriculum Committee (Spring 2004)
Patient-Care Management Committee (Apr 1999 - Dec 1999)
Faculty advisor to KY student chapter (Summer 2000 – May 2006)
Faculty advisor to AMCP student chapter (Fall 2000 – Spring 2002)
Faculty advisor to APO student chapter (Summer 1999 – July 2006)
Faculty advisor to CPFI student chapter (Spring 2000 – May 2006)

NON-ACADEMIC WORK EXPERIENCE:

Hospital Pharmacy, Austin, TX
Pharmacist
11/94-12/99

HEB Grocery Store Pharmacies, Austin, TX
Relief Pharmacist
9/93-6/94

Behrens Wholesale Distributors, Waco, TX
Internship
Summer 1992

Seton Medical Center, Austin, TX
Pharmacy Technician
10/90-8/91, 1/92-5/92

University Medical Center, Lubbock, TX
Pharmacy Technician
Summer 1990

PROFESSIONAL ORGANIZATION MEMBERSHIP:

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
American Association of Colleges of Pharmacy (AACCP)
American Pharmaceutical Association (APhA)
Florida Pharmacy Association (FPA) 1999-2003, 2004 - 2006
Academy of Managed Care Pharmacy (AMCP) 2000-2003
American Association for the Advancement of Science (AAAS) 2000 - 2005
American Society of Health System Pharmacists (ASHP) 1990-1994, 2005 - 2008
Texas Society of Health System Pharmacists (TSHP) 1990-1994
Kappa Psi Pharmaceutical Fraternity

OTHER ORGANIZATION MEMBERSHIP:

Rho Chi Honor Society
Phi Lambda Sigma Leadership Society
Phi Kappa Phi Honor Society
Sigma Beta Delta International Honor Society (Business)
Pharmacy Graduate Students Association
Secretary Fall 1997 – Spring 1998

Alpha Phi Omega National Coed Service Fraternity
Received highest honor (Distinguished Service Key) from 2 chapters

OTHER HONORS:

UNE School of Pharmacy, Mentor of the Year 2022
Wilken's Award 2011 (Given for outstanding service to Shenandoah University)
AACP Academic Leadership Fellows Program 2010-2011
NSU, Professor of the Year 2004