

Cynthia M. Phillips, Pharm.D.

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Education

Doctor of Pharmacy, University of Tennessee, College of Pharmacy, Memphis, Tennessee. 1991

Bachelor of Science, Biology, University of Tennessee at Martin, Martin, Tennessee. 1987.

Professional Experience

Clinical Associate Professor, Clinical, University of South Carolina, College of Pharmacy, Department of Clinical Pharmacy and Outcomes Sciences. Columbia, South Carolina. 2018-present.

Clinical Assistant Professor, Clinical, University of South Carolina, College of Pharmacy, Department of Clinical Pharmacy and Outcomes Sciences. Columbia, South Carolina. 2015-2018.

Clinical Assistant Professor, Clinical, South Carolina College of Pharmacy, University of South Carolina, Department of Clinical Pharmacy and Outcomes Sciences, Columbia and Charleston, South Carolina. 2006-present.

Ambulatory Care Pharmacist, Prisma Health Medical Group, Columbia, South Carolina. 2014-present. 2014-2020 (Internal Medicine-Blarney Drive); 2020-present (Internal Medicine- Taylor Street).

Diabetes Educator and Coordinator, Primary Care, William Jennings Bryan Dorn Veteran's Administration Medical Center, Columbia, South Carolina. 2007-2013.

Clinical Pharmacy Specialist, Primary Care, William Jennings Bryan Dorn Veteran's Administration Medical Center, Columbia, South Carolina. 1995-2013.

Clinical Clerkship Coordinator, University of South Carolina, College of Pharmacy, Department of Clinical Pharmacy, Columbia, South Carolina. 1997-1999.

Assistant Professor, Clinical, University of South Carolina, College of Pharmacy, Department of Clinical Pharmacy. Columbia, South Carolina. 1995-2005.

Assistant Professor, Samford University, School of Pharmacy, Department of Pharmacy Practice, Birmingham, Alabama. 1992-1995.

Clinical Pharmacy Specialist, Department of Pharmacy, The Kirklin Clinic, Birmingham, Alabama. 1992-1995.

Clinical Pharmacy Resident, University of Alabama at Birmingham Hospital, Birmingham, Alabama. 1991-1992.

Licensure/ Certifications

Pharmacy License, State of South Carolina. 1995-present.

Pharmacy License, State of Alabama, 1992-1995.

Pharmacy License, State of Tennessee. 1991- present.

Certified Diabetes Care and Education Specialist, American Association of Diabetes Educators, 2004-present.

Basic Life Support, American Heart Association, 1991-present.

Pharmacist and Diabetes Patient Centered Care, Train the Trainer, American Pharmacists Association, 2010.

Pharmacy Based Immunization Delivery, American Pharmacists Association, 1999.

Anticoagulation Trainee, American Society of Hospital Pharmacists Foundation, Anticoagulation Traineeship, Madison, Wisconsin. October 1993.

Book Chapters

In Print

1. Khazan M, Phillips C, Almgren M, Sutton S. Pharmacy Math I. In: Sutton S. eds. *McGraw-Hill's NAPLEX® Review Guide, 3e* New York, NY: McGraw-Hill; <http://accesspharmacy.mhmedical.com/pallas2.tcl.sc.edu/content.aspx?bookid=2512§ionid=201036062>. Accessed December 05, 2018.
2. Phillips CM, Grant AD. Osteoarthritis. In Sutton SS. *Naplex Review Guide, 2nd ed.* McGraw Hill 2015: 428-444.

3. Phillips CM, Grant AD. Osteoarthritis. In Sutton SS. Naplex Review Guide, 1st ed. McGraw Hill 2011: 421-429.

Refereed Journal Articles

In Print

1. Shealy KM, Phillips CM, Bzowycy, et al. Endocrine pharmacotherapy education in United States colleges and schools of pharmacy. J Am Coll Clin Pharm. 2021. 4 (4); 481-489. DOI: 10.1002/jac5.1393
2. Herbert L, Ribar A, Mitchell S, Phillips C. Discovering metformin induced vitamin B-12 deficiency in patients with type 2 diabetes mellitus in primary care. Journal of the American Association of Nurse Practitioners October 18 2019; doi: 10.1097/JXX.0000000000000312
3. Wagner TD, Phillips C, Reeder G, Bair J, Lu K, Stiver H. The effect of pharmacist centered medication reconciliations on transitions of care in type 2 diabetic patients- a focus on quality. Research in Social and Administrative Pharmacy; 14(5): e5; doi: 10.1016/j.sapharm.2018.03.024
4. Maxwell WD, Mohorn PL, Haney JS, Phillips CM, Lu ZK, Clark K, Corboy A, Ragucci KR. Impact of advanced cardiac life support simulation laboratory experience on pharmacy student confidence and knowledge. Am J Pharm Edu 2016; 80(8) doi:140. 10.5688/ajpe808140.
5. Lu ZK, Li M, McGee K, Phillips CM, Yuan J, Sutton SS. The impact of dementia on antidiabetic drug use in Medicare beneficiaries with diabetes: findings post-Medicare part D. J Comp Eff Res 2016; 383-92. doi: 10.2217/ce-2015-0006.
6. Shrader S, Dunn B, Blake E, Phillips C. Incorporating standardized colleague simulations in a clinical assessment course and evaluating the impact on interprofessional communication. Am J Pharm Edu 2015; 79(4): 57 doi:10.5688/ajpe79457.
7. Sterrett J, Croom M, Phillips CM, Shrader S. Incorporating a diabetes certificate program in a pharmacy curriculum. Am J Pharm Edu 2012; 76(5): 89 doi:10.5688/ajpe76589.
8. Delea D, Shrader S, Phillips C. A week long diabetes simulation for pharmacy students. Am J Pharm Edu 2010; 74(7):130-138. PMCID: PMC 2972525.
9. Voris JT, Phillips CM, Voris CT. Nonsteroidal anti-inflammatory drug starter packs for chronic musculoskeletal pain Pharmacotherapy 2002; 22(7): 836-840.
10. Kinnon A, Bourne J, Blizzard S, Phillips C. Outcome analysis of a formulary transition from nifedipine to felodipine at a veteran affairs medical center J Manag Care Pharm 1999; 5(Sept-Oct.): 425-428.

Non- Refereed Journal Articles

1. Phillips CM, Brown D. The Rho Chi Society Advisor's Guidebook. Rho Chi Society; 2018. http://rhochi.org/wp-content/uploads/2018/07/Rho_Chi_Advisors_Guidebook_2018.pdf ; Accessed July 14, 2018.
2. Phillips, CM, Old Drug, New Hat- Bromocriptine. Pharmacy SPG Newsletter. American Association of Diabetes Educators. March 2010. <http://www.myaadenetwork.org/p/do/sd/topic=536&sid=253>; Accessed July 19, 2018. (Log-in required)
3. Endocrine System; Molitch ME; Phillips, CM; CMR Institute; Golle and Holmes Custom Education; Minneapolis, MN; 2007, 1-214.

Research Funding and Grants

1. Association of treatment complexity with length of hospital stay in type 2 diabetes. Magellan Scholar Award, University of South Carolina, Undergraduate Research. \$2,700.00. 2017-2018. Shirer Catherine, Phillips Cynthia.
2. Writing across the curriculum: empowering future pharmacists for business and clinical applications in medication therapy management. Center for Teaching Excellence, University of South Carolina. \$3,500.00. 2007-2008. Phillips Cynthia.
3. Educational enhancement of USC Doctor of Pharmacy candidates. South Carolina Area Health Consortium. \$10,300.00. 2004-2005. Rowen Randy, Phillips Cynthia (PI).
4. Clinical assessment PHRM 670: laboratory facility proposal. CVS. \$250,000.00. 2003-2007. Sadik Farid, Rowen Randy, Phillips Cynthia (PI).
5. Educational development of students and preceptors for community-based practice. South Carolina Area Health Consortium. \$12,605.00. 2003-2004. Brown Karen, Phillips Cynthia (Co-Investigator).
6. Development and support of Doctor of Pharmacy Candidates through community oriented advanced practice experiences. South Carolina Area Health Consortium. \$18,343.00. 2002-2003. Brown Karen, Phillips Cynthia (PI).
7. Educational development of community responsive practitioners. South Carolina Area Health Consortium. \$7,500.00. 2001-2002. Brown Karen, Phillips Cynthia (Co-investigator).
8. Development of community responsive practitioners through provision of community-based interdisciplinary pharmaceutical care practices. South Carolina Area Health Consortium. \$13,500.00. 2000-2001. Phillips Cynthia.
9. Development and implementation of community-based pharmaceutical care, education-oriented practices. South Carolina Area Health Consortium. \$15,500.00. 1999-2000. Phillips Cynthia.

10. Clinical clerkship preceptor conference, USC College of Pharmacy. Astra Merck. \$2,000.00. 1998. Phillips Cynthia.
11. Development and implementation of community based pharmaceutical care education-oriented practices. South Carolina Area Health Consortium. \$15,000.00. 1998-1999. Phillips Cynthia.
12. A proposal for funding multi-disciplinary community-based pharmacy education. South Carolina Area Health Consortium. \$13,000.00. 1997-1998. Brady, Thomas. Phillips Cynthia (Co-investigator).
13. Development and implementation of structured pharmaceutical care approach to the management of ambulatory patients with hyperlipidemia. University of TN College of Pharmacy, University of AZ College of Pharmacy, Sandoz Pharmaceuticals Cooperation. \$8,000.00. 1996-1997. Voris Cynthia, Phillips Cynthia (Co-investigator).
14. Development of telecommunication supported nontraditional distance education Doctor of Pharmacy practicums. BellSouth. \$5,000.00. 1996. Trener Kathryn, Phillips Cynthia (Co-investigator).

Abstracts

In Print

1. Wilson B, Shue J, Grant AD, Cai C, Phillips CM. Characteristics of Tutors Involved in a Successful Near-Peer Pharmacy School Tutoring Program. 2020 ASHP Midyear Clinical Meeting. Abstract #SP-247.
2. Joyner N, Wagner TW, Caronis A, Daugherty H, Phillips C. [The Impact of Pharmacist Centered Medication Reconciliations on Statin Therapy Optimization in Patients with Type 2 Diabetes Mellitus](#). 2020 ACCP Annual Meeting Abstract # 399, October 27, 2020. <https://accp.confex.com/accp/2020am/meetingapp.cgi/Paper/56329>
3. Bzowickyj A, Goldman J, Gupta V, Guyton J, Phillips CM, Shealey KM, Trujillo JM, Westberg SM, Cai C. Endocrine Education Within Clinical Sciences Curricula at United States Schools and Colleges of Pharmacy. Research and Education Posters Presented at the 121st Virtual Annual Meeting of the American Association of Colleges of Pharmacy, July 13-31, 2020. Am J Pharm Edu. June 2020, 84 (6) ajpe8220; DOI: <https://doi.org/10.5688/ajpe8220>
4. Wagner T, Bair J, Lu K, Reeder G, Stiver H, Phillips CM. The effect of pharmacist centered medication reconciliations on transitions of care in patients with type 2 diabetes. 2018 ACCP Global Conference on Clinical Pharmacy. Seattle, WA. October 20-23, 2018.
5. Wagner T, Shirer C, Lu K, Bair J, Stiver H, Sims W, Phillips CM. Relationship of treatment complexity to length of hospital stay in type 2 diabetes. 2018 ACCP Global Conference on Clinical Pharmacy. Seattle, WA. October 20-23, 2018.

6. Blake EW, Ragucci KR, Buff WE, Shrader S, Dunn BL, Phillips CM. Innovations in communication techniques in preparation for practice. AACP Annual Meeting. Chicago, IL. 2013; 77(5) Article 109: 134-135.
7. Lachuck L, Phillips CM, Stroman JF. Oral anticoagulation in a veteran's hospital: implications of nurse practitioners, physician assistants, pharmacy doctors, and medical doctors. ASHP Midyear Clinical Meeting 2000; 35 (Dec.); P-577R.

Presentations

Invited Presentations

1. Phillips CM, Brown Dana. Rho Chi Guidebook. Rho Chi Annual Meeting, American Pharmacist's Association Annual Meeting, Rho Chi members, Nashville, TN, March 18, 2018.
2. Phillips CM, Challenges in contemporary diabetes management. South Carolina Society of Health Systems Pharmacists, Pharmacists, Columbia, SC, October 26, 2017.
3. Phillips CM, McGee K. Insulin resistance syndrome and chronic liver disease: a patient case evaluation. American Association of Diabetes Educators Annual Meeting, Las Vegas, NV 2011.
4. Phillips CM. Lessons Learned: Incorporating Writing into Medication Therapy Management. Writing Across the Curriculum Workshop at Center for Teaching Excellence on University of South Carolina Campus, January 30, 2009
5. Carter S, Phillips CM. Retrospective chart review of change in glycemic control in patients undergoing conversion of glipizide SA to glipizide IR at a VA Medical Center. Southeastern Residency Conference, Athens, GA. April 19-20, 2007.
6. 2006 key literature: its impact on evidence-based practice. South Carolina Society of Health Systems Pharmacists Annual Meeting, Myrtle Beach, South Carolina, March 7, 2007
7. Too many cheeseburgers and fries: the obesity epidemic. Palmetto Medical, Dental, and Pharmaceutical Association, Myrtle Beach, SC, April 17, 2004.
8. Pharmacotherapy of obesity. Health Issues for the 21st Century Conference, Advanced Practice Nurse Practitioners and Nurses, Columbia, SC, February 27, 2004.
9. Drug interactions in special patient populations. Palmetto Medical, Dental, and Pharmaceutical Association, Myrtle Beach, South Carolina, April 12, 2003.
10. Immunization primer. Palmetto Medical, Dental and Pharmaceutical Association, Columbia, SC, March 24, 2002.
11. Pharmaceutical care in a multi-disciplinary primary care setting at a veteran's administration medical center. South Carolina Society of Health Systems Pharmacists Meeting, Hilton Head, South Carolina, March 24, 1998.

Contributed Presentations

1. Shue J, Wilson B, Grant A, Cai C, Phillips C. Pharmacy student perceptions and participation in a near-peer tutoring program. American Pharmacists Association, March 12-15, 2021.
2. Martin S, Ridley E, Wagner T, Lu K, Ermani V, Phillips C. Impact of an Interdisciplinary Team Mediated Intervention on Post-Discharge Readmission Rates. Discover USC at The University of South Carolina, Columbia, SC, April 26, 2019.
3. Discovering Metformin Induced Vitamin B12 Deficiency in Patients with Type 2 Diabetes in Primary Care. Herbert, Laura. Ribar, Alicia. Mitchell, Sheryl. Phillips, Cynthia. 2019 USC Nursing Research on Scholarship Day. Columbia, SC. April 25, 2019.
4. Wagner T, Bair J, Lu K, Reeder G, Phillips CM. The effect of pharmacist centered medication reconciliations on transitions of care in type 2 diabetic patients- a focus on quality. PQA Annual Meeting, Baltimore, MD, May 16-18, 2018.
5. Shirer C, Wagner T, Bair J, Lu K, Stiver H, Sims W, Phillips CM. Association of treatment complexity with length of hospital stay in type 2 diabetes. University of South Carolina Discovery Day, Columbia, SC, April 20, 2018.
6. Powell PH, Phillips C, Harris T, Ziegler B, Brittain K. An elective to prepare pharmacy students to design and implement a medication therapy management service. American Association of Colleges of Pharmacy Annual Meeting, Seattle, WA. July 10-14, 2010.
7. Phillips CM. Integrating writing throughout a medication therapy management course elective. AACP Boston, MA. July 18-22, 2009.
8. Phillips CM, Fox L. Influence of an introduction to pharmacy experience on high school students' perceptions of pharmacy. AACP Boston, MA. July 18-22, 2009.
9. Prost VM, Phillips CM, Hardin JM. Impact of pharmacist-directed diabetes education programs in a veteran's administration medical center. 43rd ACCP/ESCP International Congress, Orlando, FL. April 24-28, 2009.
10. Phillips C, Buff W. Head, ears, eyes, nose, and throat assessment: bringing relevance to pharmacy practice. Nonprescription Medication Academy Abstract and Poster Presentation, Nonprescription Medication Academy. Cincinnati, Ohio. August 2007.
11. Phillips C, Malick A. WJB Dorn Veteran Affairs Administration Medical Center Diabetes Story Board. South Carolina Chronic Disease Management Collaborative. SC Hospital Association. Columbia, SC June 2007.
12. Kinnon A, Bourne J, Phillips C, Hunter D, Blizzard S. Outcome analysis of formulary transition from nifedipine to felodipine. South Carolina Society of Health Systems Pharmacists Annual Meeting. Charleston, SC. 1996.

13. Phillips CM, Trener KN. Development of telecommunication supported nontraditional distance education Doctor of Pharmacy practicums. AACP Midyear Meeting. Reno, NV. 1996.

Professional Presentations

Seminars

1. Determining decisions and deciphering dilemmas in dyslipidemia with updated American College of Cardiology/ American Heart Association Cholesterol Guidelines. UofSC College of Pharmacy Annual Continuing Education Conference (Pharmacists and Technicians) Columbia, SC. February 22, 2020.
2. Association between medication discrepancies and readmission risk score in an outpatient hospital follow-up clinic. Hansen M, Ridley E, Phillips C, Adams M, Durkin M. Palmetto Health Richland Resident Seminar. Columbia, SC. April 26, 2018.
3. Diabetes devices: injectables and glucometers. Phillips CM, Eudy J, McBride J. Care Coordination Team, Palmetto Health Richland, Columbia, SC August 16, 2017.
4. Making a difference to even one. Student mentor series. Student National Pharmacist's Association Meeting, South Carolina College of Pharmacy, University of South Carolina. Columbia, SC. November 16, 2016.
5. Assessment of critical thinking skills. Preceptor Development, Palmetto Health Pharmacist Preceptors, Columbia, SC. October 26, 2016.
6. Getting the most out of APP. Phillips CM, Bragg S. Academic Prep Program Pharmacy Residents, South Carolina College of Pharmacy, Columbia, SC. August 26, 2016.
7. Crucial conversations as preceptors. Preceptor Development, Palmetto Health Pharmacist Preceptors, Columbia, SC. May 11, 2016.
8. Medication reconciliation, navigating the terrain. Pharmacy Grand Rounds. Palmetto Health, Columbia, SC., May 13, 2015.
9. Canagliflozin: new kid on the block. Bradshaw M. Phillips C. Pharmacy Grand Rounds. WJB Dorn VAMC, Columbia, SC, August 21, 2013.
10. Concepts of diabetes: pattern management. Pharmacy Grand Rounds. WJB Dorn VAMC, Columbia, SC, October 10, 2012.
11. Concepts of diabetes: focus on insulin therapy. Pharmacy Grand Rounds. WJB Dorn VAMC, Columbia, SC, August 8, 2012.
12. Designing a Course, Academic Prep Program, South Carolina College of Pharmacy, USC Columbia, SC. September 8, 2011, October 21, 2010, March 20, 2008.

13. Diabetes update. Primary Care Interdisciplinary Monthly Meeting, WJB Dorn VAMC, Columbia, SC, December 8, 2010.
14. Complimentary medications: the natural solution. Geriatric Grand Rounds. WJB Dorn VAMC, Columbia, SC, July 7, 2010.
15. Let's talk about medications. Senior Adult Lunch Series. Shandon Baptist Church. Columbia, SC. November 2009.
16. Living with diabetes. Pharmacy Grand Rounds. WJB Dorn VAMC, Columbia, SC, June 1, 2009.
17. From hormones to hot flashes: women's health update. Geriatric Grand Rounds. WJB Dorn VAMC, Columbia, SC, August 6, 2008.
18. Immunizations. Geriatric Grand Rounds. WJB Dorn VAMC, Columbia, SC, April 2, 2008.
19. When diet isn't enough: modification of oral agents and insulin in diabetes: the diabetes dilemma. Geriatric Grand Rounds. WJB Dorn VAMC, Columbia, SC, February 7, 2007.
20. Hypertension: old disease, new strategies. South Carolina College of Pharmacy, University of South Carolina Campus Fall Seminar. Columbia, SC, October 14, 2006.
21. Review of "Secondary Prevention of Macrovascular Events in patients with Type 2 diabetes in the PROactive study (PROspective pioglitAZone Clinical Trial in macroVascular Events) in Lancet 2005:366: 1279-1289, Clinical Pharmacist's Journal Club, Dorn VAMC, November 30, 2005.
22. Diabetes, hypertension, and nephropathy. Primary Care Interdisciplinary Monthly Meeting. WJB Dorn VAMC. Columbia, SC, June 23, 2005.
23. Is that drug interaction significant? Geriatric Grand Rounds. WJB Dorn VAMC. Columbia, SC. April 6, 2005.
24. Review of "Pregabalin for the treatment of painful diabetic peripheral neuropathy: a double-blind, placebo-controlled trial in Pain. Vol. 110: 628-238., Clinical Pharmacists Journal Club, Dorn VAMC, Columbia, SC, February 23, 2005.
25. Review of a Randomized Trial of a Strategy for Increasing High-Density Lipoprotein (HDL) Cholesterol Levels: Effects on Progression of Coronary Heart Disease and Clinical Events or AFREGS: (Armed Forces Regression Study) in Annals of Internal Medicine Vol. 142:95-104." Clinical Pharmacists Journal Club, Dorn VAMC, January 26, 2005.
26. Spirituality in Modern Healthcare, CPFI Student Meeting, USC College of Pharmacy, November 18, 2004.
27. The Value Trial in Lancet 2004; 263:2022-31, Clinical Pharmacist's Journal Club, Dorn VAMC, June 23, 2004.
28. Immunization: a case for vaccination. National internet presentation for ContinuingEducation.com. National pharmacist audience. December 17, 2003.

29. Geriatric Therapy, Social Work Bachelor of Science Students, Limestone College, Columbia, SC, December 9, 2003.
30. The metabolic syndrome. University of South Carolina Fall Pharmacy Seminar. Columbia, SC, October 4, 2003.
31. Review of "Multifactorial intervention and cardiovascular disease in patients with type 2 diabetes" in N Eng J Med Vol. 348, No. 5, Clinical Pharmacist's Journal Club, Dorn VAMC, Columbia, SC, May 28, 2003.
32. Metformin drug use at the Dorn VAMC, Medication Use Evaluation Committee, WJBD Dorn VAMC, Columbia, SC February 23, 2003.
33. Immunization update: a case for prevention. Regional CVS Pharmacists Yearly Update. Charlotte, NC, October 29-30, 2002.
34. Immunization update: 2002. Regional CVS Pharmacists Yearly Update. Greenville, SC. July 16-17, 2002; Eckerd Pharmacists (Greenville/ Spartanburg Region) May 15, 2002.
35. Immunization Update, USC College of Pharmacy Spring Seminar, Columbia, SC, Columbia, SC, March 23, 2002.
36. Review of "A comparison of warfarin and aspirin for the prevention of recurrent infections for ischemic stroke" in N Eng J Med Vol. 345, No. 20, 11/15/2001" Clinical Pharmacist's Journal Club, WJB Dorn VAMC, Columbia, SC January 23, 2002.
37. Cytochrome P450 system: drug interactions. Medical Grand Rounds. Palmetto Richland Memorial and WJB Dorn VAMC. Columbia, SC. May 6, 2001.
38. Establishing an anticoagulation clinic. WJB Dorn VAMC. Columbia, SC, March 7, 2001.
39. Dyslipidemias. Noon Conference. Palmetto Richland Memorial Hospital and WJB Dorn VAMC. Columbia, SC April 6, 2000.
40. Hyperlipidemia: It's time for clinical intervention. Carolina Showcase continuing Education Seminar, USC, College of Pharmacy. Columbia, SC, April 10, 1999.
41. Hyperlipidemias. Noon Conference. Palmetto Richland Memorial Hospital and WJB Dorn VAMC. Columbia, SC, March 29, 1999.
42. Hyperlipidemia: another opportunity for disease state management. Spartanburg AHEC Continuing Education Program. Spartanburg, SC. January 12, 1999.
43. Development and Implementation of community based, pharmaceutical care, education-oriented practices, Interdisciplinary Council for Allied Health and Pharmacy of AHEC, South Carolina Medical Association, Columbia, SC, November 3, 1998.
44. Clinical clerkship guidelines, University of South Carolina Preceptor Conference, University of South Carolina, College of Pharmacy, Columbia, SC, October 13, 1998.
45. Update: Clinically Significant Cytochrome P-450 Drug Interactions, Dorn VAMC, Clinical Pharmacist's Journal Club, Columbia, SC, March 26, 1998.

46. Pharmaceutical care in a multi-disciplinary primary care setting at a Veteran's Administration Medical Center, South Carolina Society of Health Systems Pharmacists Meeting, Hilton Head, SC, March 24, 1998.
47. Your Future in Pharmacy: Finding Your Way. Rho Chi Initiation Banquet, Columbia, South Carolina, November 29, 1997
48. Universal Precautions, Distance Education Seminar, USC College of Pharmacy, Columbia, SC November 11, 1996, November 18, 1996, April 14, 1997, October 27, 1997, November 5, 1997, March 23, 1998, April 1, 1998, October 14, 1998, November 4, 1998,
49. Anticoagulation Update, Dorn VA Nurse's Continuing Education Program, WJB Dorn VAMC, Columbia, SC, December 5, 1996
50. New Drug Update 1995, Carolina Showcase Continuing Education Seminar, USC Columbia, SC, April 13, 1995.
51. Overview of the Treatment of Hypertension, Family Practice Resident Seminars, WJB Dorn Veteran's Hospital, Columbia, SC. October, November 1995, January through April 1995; September 1996, February 1997; March 1997, February 1998

Academic Instruction

1. Pharmacotherapy (PHMY 772, SCCP 773, SCCP 770)
 - a. 6 contact hours, 2010- present.
2. Clinical Applications II (PHMY 661, SCCP 661, SCCP 660)
 - a. 2.4 contact hours, 2007-present.
3. Clinical Applications III (PHMY 760, SCCP 760)
 - a. 9.6 contact hours, 2014- present.
 - b. Course Coordinator, 2014-present.
4. Clinical Applications IV (SCCP 861)
 - a. 2.4 contact hours, 2015-present.
5. Drug Interactions Elective (PHMY 858, SCCP 858)
 - a. 28.8 contact hours, 2010-present.
 - b. Course Coordinator, 2010-present.
6. Transforming Healthcare (PHMY 690)
 - a. 9 contact hours, 2015-2018.
7. Pharmacy Skills Lab V: Applied Community Pharmacy/ Advanced Community Pharmacy (PHMY 771, SCCP 771)
 - a. 12 contact hours, 2010-present.

8. Physician Assistant Clinical Medicine and Therapeutics (BMSC 767)
 - a. 3 contact hours, 2017- present.
9. Clinical Assessment (SCCP 895, PHRM 670)
 - a. 3 contact hours, 2016-2017.
 - b. Course Coordinator, 1998-2015.
 - c. 12 contact hours, 1998-2015.
10. Ambulatory Care Professional Practice Experience (SCCP 920, PHRM 679)
 - a. 21.45 contact hours, 1995-present.
11. Academic Professional Practice Experience (SCCP 900)
 - a. 2.8 contact hours, 2015- present.
12. Clinical Seminar (SCCP 999)
 - a. 15 contact hours, 1995- present.
13. Self-Care and Complementary Medicine (SCCP 750)
 - a. 4 contact hours, 2007-2010.

Contact hours = Number of 50-minute contact hours. Example calculation: I taught for a total of 350 minutes in SCCP 772; 350 in classroom minutes / 50 minutes = 7.0 (# of 50-minute contact hours). Contact hours represent mean hours for select courses over multiple years

Research and Teaching Supervision

Post-Doctoral Supervision

Association between medication discrepancies and readmission risk score in an outpatient hospital follow-up clinic, Margaret Hansen, PGY-1 Pharmacy Resident, Prisma Health Midlands, Columbia, SC, 2018.

Retrospective chart review of change in glycemic control in patients undergoing conversion of glipizide SA to glipizide IR at a VA medical center. Sharee Carter, PGY-1 Pharmacy Resident, Dorn VAMC, Columbia, SC, 2009.

Doctor of Pharmacy Candidate Research Program Supervision

Pharmacy student perceptions and participation in a near-peer tutoring program, Jessica Shue, 2020.

Characteristics of tutors involved in a successful near-peer pharmacy school tutoring program, Brenae Wilson, 2020.

The impact of pharmacist centered medication reconciliations on statin therapy optimization in patients with type 2 diabetes mellitus, Nancy Joyner, 2020.

The effect of pharmacist centered medication reconciliations on transitions of care in type 2 diabetic patients- a focus on quality, Tyler Wagner, 2017.

The effect of pharmacist centered medication reconciliations on transitions of care in type 2 diabetes patients- medication errors, Hailey Stiver, 2017.

Impact of pharmacist directed diabetes education programs in a veteran's administration medical center, Valerie Prost, 2009.

Prescribing patterns of thiazolidinediones in type 2 diabetics with pre-existing oral antidiabetics, Kim Nguyen, 2005.

Evaluation of orlistat and sibutramine in a veteran's patient population, Ann Maxwell, Anna Peacock 2004.

Methods of blood pressure control in metabolic syndrome of a veteran's patient population, Sarah Long, 2003.

Effect of obesity on prediabetes in metabolic syndrome patients, Uche Anadu, 2003.

Does timing of follow-up affect adverse event rate in recently discharged patients on warfarin? John Howard, 2001.

Prescribing patterns of low molecular weight heparins in the veteran patient population, Dana Stafkey, 2001.

Doctor of Nursing Candidate Research Program Supervision

Discovering Metformin Induced Vitamin B12 Deficiency in Patients with Type 2 Diabetes in Primary Care, Laura Herbert, 2019.

South Carolina Honors College Research Program Supervision

Provider perception of medication nonadherence in a diabetic immigrant patient population, Catherine Shirer, 2019.

The effect of pharmacist centered medication reconciliations on transitions of care in type 2 diabetes patients, Tyler Wagner, 2017.

University/ Practice Service

Faculty Advisor

University of South Carolina College of Pharmacy

- Beta Alpha Chapter of the Rho Chi Society, 1997-2009, 2017-present

South Carolina College of Pharmacy

- Gamma Psi Chapter of the Rho Chi Society, 2009-2019

Carolina Master Scholars

- Adventures in Pharmacy Camp, Instructor (2009-2013, 2015-2016, 2019)

College of Pharmacy Committees

University of South Carolina College of Pharmacy

- Assessment Committee (2017-Present)
- Experiential Advisory Committee (2016-Present)
- Faculty Governance Committee (2016-2018), Chair (2019-2021)
- Scholastic Standing and Petitions (2016-Present)

South Carolina College of Pharmacy (2006-2017)

- Reaccreditation Assessment Subcommittee (2016-2017)
- Diversity Committee (2008-2011, Member; 2012-13, Chair)
- Admissions Committee (2008-2011, Member; 2013-14)
- Search Committee for Director of Experiential Education (2008-2009)
- Department of Clinical Pharmacy and Outcomes Sciences (SCCP)
- Peer Teaching Evaluation Committee (2010- 2017, Member)
- Search Committee for MUSC Campus' Cardiology, Ambulatory Care, Community Pharmacy and Drug Information Faculty Positions (2006-2007, Member)

University of South Carolina College of Pharmacy (1995-2007)

- Clerkship Revision Committee, Chairperson, 1997-2007
- Case Studies Revision Committee, Chairperson, 1996-2007

- Scholarship Committee, Member, 1996-2007
- Library Committee, Member, 1995-2007
- Teaching Evaluation Subcommittee, Member, 1996-97
- Department of Clinical Pharmacy Search Committee, Member, 1996-97
- Pharmacotherapy Committee, Member, 1995-1996
- Distance Education Steering Committee, Member, 1995-1996
- First Year Introduction to Medicinal Chemistry/ Pharmacology Course Committee, Member, 1995-96

Samford University (1992-1995)

- Faculty Affairs Committee, Member, 1994-1995
- Department of Pharmacy Practice Search Committee, Member, 1992-1993
- Educational Activities Committee, Member, 1992-1993

Clinical Practice Site

- Palmetto Health
 - Preceptor Development Committee (2014- 2019)
 - Ambulatory Care DST (2017-2019)
 - Ambulatory Billing Subcommittee (2018-present)
- Dorn Veteran's Administration Hospital
 - Diabetes Improvement Team, 2006-2008
 - Primary Care Customer Service Committee, Member, 1996-1998

Professional Organization Service

- American College of Clinical Pharmacy
 - Ambulatory Care PRN
 - Endocrine and Metabolism PRN
 - Research Subcommittee, 2016-present
 - Vice Chair, Research Subcommittee, 2019-2021

- Chair, Research Subcommittee, 2019-2020
 - Vice Chair, Research Subcommittee, 2018-2019
 - Poster Judge, Annual Meeting 2014, Austin, TX
 - Poster Judge, Annual Meeting 2013, Albuquerque, NM
 - Poster Judge, Annual Meeting 2012, Hollywood, FL
- Education and Training PRN
 - Networking Subcommittee, 2012-2015
 - Chair, Networking Subcommittee, 2014-2015
 - Chair, Networking Subcommittee, 2013-2014
 - Vice Chair, Networking Subcommittee, 2012-2013
 - Moderator and Facilitator, Student Residency Forum, Annual Meeting 2015, San Francisco, CA
 - Moderator and Facilitator, Student Residency Forum, Annual Meeting 2014, Austin, TX
 - Moderator and Facilitator, Mock Interviews, Student Residency Forum, Annual Meeting 2013, Albuquerque, NM
 - Volunteer Interviewer, Student Residency Forum, Annual Meeting 2012, Hollywood, FL
- American Association of Diabetes Educators
 - Pharmacy Community of Interest
 - Pharmacy Student Scholarship Committee Chair (2010-2012)
- South Carolina Area Health Education Consortium
 - Interdisciplinary Council, Member, 1997-2003
- Rho Chi Society
 - National Historian (March 2019-present)
 - Executive Council (July 2014-present)
 - Lecture Award Committee, Chair (March 2019- present)

- Centennial Task Force (March 2020- present)
- Centennial Planning Committee, Chair (March 2019- March 2020)
- Communications Committee (March 2019-March 2020)
- Region III-East Councilor (March 2017- March 2019)
 - Annual Society Meeting, Seattle, WA, March 22-25, 2019
 - Annual Society Meeting, Nashville, TN, March 16-19, 2018
 - Annual Society Meeting, San Francisco, CA, March 24-27, 2017
- Region III-M Mid- Atlantic Councilor (July 2014- March 2017)
 - Annual Society Meeting, Baltimore, MD, March 3-7, 2016
 - Annual Society Meeting, San Diego, CA March 29-30, 2015
- Collaborative Task Force Chair, Advisor's Guidebook Development, March 2017- March 2018