

Kimberly A. Sanders, PharmD, BCPS

115N Beard Hall, Campus Box 7574
Chapel Hill, NC 27599
(919) 843-5119
kim.sanders@unc.edu

Education and Training

Academic Fellowship in Practice Model Advancement University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC Program Director: Nicole Pinelli Reitter, PharmD, MS, CDE	Jul 2014 - Jun 2016
Translational and Clinical Research Curriculum The North Carolina Translational and Clinical Sciences Institute, Chapel Hill, NC	Jul 2014 - May 2016
Postgraduate Year One Pharmacy Residency University of Cincinnati Medical Center (UC Health), Cincinnati, OH Program Director: Nicole Harger, PharmD, BCPS	Jul 2013 - Jun 2014
Doctor of Pharmacy Purdue University College of Pharmacy, West Lafayette, IN	Aug 2009 - May 2013
Pre-Pharmacy Core Curriculum Purdue University, West Lafayette, IN	Aug 2007 - May 2009

Professional Experience

Director of Interprofessional Practice Office of Curricular and Student Affairs University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Jun 2017 - Apr 2018
Clinical Assistant Professor Division of Practice Advancement and Clinical Education University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Jul 2016 - Present
Adjunct Assistant Professor Division of Comprehensive Oral Health University of North Carolina Adams School of Dentistry, Chapel Hill, NC	Jul 2016 - Present
Adjunct Clinical Instructor Department of Dental Ecology University of North Carolina School of Dentistry, Chapel Hill, NC Division of Practice Advancement and Clinical Education University of North Carolina Eshelman School of Pharmacy, Chapel Hill, NC	Sep 2015 - Jun 2016 Jul 2014 - Jun 2016
Geriatrics Specialty Pharmacotherapy Clinic Lead Clinical Pharmacist: Jena Ivey Burkhart, PharmD, BCPS, CPP	Aug 2015 - Feb 2016
Family Medicine Pharmacotherapy and Care Transitions Clinics Lead Clinical Pharmacist: Emily M. Hawes, PharmD, BCPS, CPP	Aug 2014 - Jul 2015

Hospital Staff Pharmacist UC Health, University of Cincinnati Medical Center, Cincinnati, OH Pharmacy Director: Katie McKinney, PharmD, MS	Jul 2013 - Jun 2014
Hospital Pharmacy Internship Ministry Health Care, Saint Joseph's Hospital, Marshfield, WI Pharmacy Manager: Brook Kawchak, PharmD, MS	May 2011 - Aug 2011
Community Pharmacy Internship Payless/Kroger Pharmacy (Store #822), Lafayette, IN Supervisor: Jessica Heathcote, PharmD	May 2010 - May 2011
Summer Undergraduate Research Fellowship Research Assistant Purdue University, West Lafayette, IN Faculty Advisor: Gregory Hockerman, PhD	Jan 2008 - Jul 2009
Community Pharmacy Technician CVS Pharmacy (Store #6510), Fort Wayne, IN Supervisor: Chris Liston, PharmD	May 2008 - Jan 2010

Clinical Services Development

Pharmacy Services in Dental Clinic Practice UNC School of Dentistry Student General Practice Clinic	Jun 2015 - Present
<ul style="list-style-type: none"> Adapted clinical partnership with dentistry and social work to provide integrated care opportunities for interprofessional learners Designed and implemented an interprofessional practice clinic in partnership with dentistry, nursing, and social work Collaborated with dental students to provide initial medication review at diagnosis and treatment planning appointments Respond to drug information requests pertinent to a patient's medication regimen Provided patient education and adherence counseling on medication therapies impacting oral health 	

Honors and Achievements

UNC Eshelman School of Pharmacy - Academic Excellence Award - Service	2023
UNC Eshelman School of Pharmacy Instructor Worthy of Recognition	2023
UNC Inaugural Julie S. Byerley Award for Faculty Excellence in Interprofessional Education and Practice	2022
UNC Thorp Faculty Engaged Scholars - Class VIII	2022
UNC Eshelman School of Pharmacy Instructor Worthy of Recognition	2022
UNC Eshelman School of Pharmacy - Academic Excellence Award - Service	2022
UNC Eshelman School of Pharmacy - Academic Excellence Award - Service	2021
UNC Eshelman School of Pharmacy - Academic Excellence Award - Service	2020
UNC Eshelman School of Pharmacy Instructor Worthy of Recognition	2020
UNC Eshelman School of Pharmacy - Academic Excellence Award - Research	2019
UNC Eshelman School of Pharmacy - Academic Excellence Award - Research	2018

UNC Eshelman School of Pharmacy Instructor Worthy of Recognition	2017
UNC School of Dentistry Curriculum Innovation Award First Place	2016
UNC School of Dentistry Curriculum Innovation Award Second Place	2016
ACCP Ambulatory Care PRN Resident/Fellow Travel Award	2015
Mylan Institute of Pharmacy Excellence in Pharmacy Award	2013
Purdue College of Pharmacy Varro Tyler Scholarship	2012
Purdue College of Pharmacy Robert K. Chalmers Scholarship	2011
Purdue College of Pharmacy Wright Scholarship	2010
Purdue School of Pharmacy SuperValu Pharmacies Scholarship	2009
Emily M. Vogel Sophomore Leadership Conference	2008
Mortar Board Leadership Conference	2008, 2009, 2011
Dean's List and Semester Honors	2007 - 2013
Purdue Academic Success Award and Indiana Resident Top Scholar	2007

Bibliography

Book Chapters

1. **Sanders KA**. The Pharmacist's Role and Development of a Consult Service in the Dental Clinic Setting. In: ACCP Ambulatory Care Survival Guide. 5th ed. 2024. [Under Final Review]
2. Hawes EM, **Sanders KA**. Medication Management and Treatment Adherence. In: Chronic Illness Care: Principles and Practice. 2nd ed. 2023. (Contributed 18 pages)
3. **Sanders KA**. Table 10-4 of Chapter 10 Disease Control Nicotine Replacement Therapy. In: Stefanac SJ, Nesbit SP, ed. Diagnosis & Treatment Planning in Dentistry, 4th ed. 2023. (Contributed 2 pages)

Refereed Articles (*corresponding author)

1. **Sanders KA***, Lynn MR. Assessing Interprofessional Collaboration at Clinical Learning Sites: Methodology on Developing the IP-CLEAR Tool. *N C Med J*. 2024;85(3):193-195. doi: 10.18043/001c.117219
2. Hughes TD, Sottung S, Nowak J, **Sanders KA**. Pharmacist-Led Deprescribing of Opioids and Benzodiazepines in Older Adults: Examining Implementation and Perceptions. *Pharmacy* (Basel) 2024 [Under Review]
3. Zeeman JM, **Sanders KA**, Belvin T, Rodgers PT. Assessment of Student IPEC Competency Using Observer-Based Evaluation in Didactic Interprofessional Education Activities. *Inov Pharm* 2023 [Under Review]
4. Dsouza-Norwood R, Burgess-Flowers J, **Sanders KA**. Interprofessional Approach to Xerostomia Treatment. *Decisions in Dentistry*. 2023; 9(5)34-39.
5. **Sanders KA***, Wolverton D, Stamopoulos M, Zunich R, Niznik J, Ferreri SP. An EHR-based method to structure, standardize, and automate clinical documentation tasks for pharmacists to generate extractable outcomes. *JAMIA Open*. 2023;6(2):e1-6. doi: <https://doi.org/10.1093/jamiaopen/ooad034>
6. Dsouza RM, Burgess-Flowers J, **Sanders KA**. Effective Approaches to Addressing Xerostomia. Dimensions of Dental Hygiene. *Dimens Dent Hyg*. 2022; 20(11)42-45.
7. **Sanders KA***, Busby-Whitehead J, Coppola S, Dews D, Downey CL, Guiliani C, Henage CB, Holliday AS, Mitchell SH, Palmer C, Rosemond C, Weil A, Williams SW, Roberts E. An interprofessional experience preparing a collaborative workforce to care for older adults. *Gerontol Geriatr Educ*. 2022. doi: 10.1080/02701960.2022.2052870.
8. Armistead LT, **Sanders KA**, Busby-Whitehead J, Ferreri SP. A-TAPER: A framework for deprescribing medications effectively. *Res Social Adm Pharm*. 2022;18(8):3358-61. doi: 10.1016/j.sapharm.2021.11.013.

9. **Sanders KA***, Zerden L, Zomorodi M, Ciarrocca K, Schmitz KL. Promoting whole health in the dental setting: steps toward an integrated interprofessional clinical learning environment involving pharmacy, social work, and nursing. *Int J Integr Care*. 2021; 21(4):20, 1-11. doi: <https://doi.org/10.5334/ijic.5814>.
10. Niznik JD, Collins BJ, Armistead LT, Larson CK, Kelley CJ, Hughes TD, **Sanders KA**, Carlson R, Ferreri SP. Pharmacist interventions to deprescribe opioids and benzodiazepines in older adults: A rapid review. *Res Social Adm Pharm*. 2021 doi: 10.1016/j.sapharm.2021.07.012.
11. Woodworth KG, **Sanders KA***. Gap analysis of pharmacist communication with community-based oral health care providers. *J Am Pharm Assoc*. 2021;61(3):e119-e126. doi: 10.1016/j.japh.2020.12.022.
12. **Sanders KA***, Downey CL, Yang A, Baker BK. Incorporating oral health considerations for medication management in care transitions. *Pharmacy (Basel)* 2020;8(2):E67. doi: 10.3390/pharmacy8020067.
13. Derouin A, Holtschneider ME, McDaniel KE, **Sanders KA**, McNeil DB. Let's work together: interprofessional training of health professionals in North Carolina. *N C Med J* 2018;79(4):223-225.
14. Zomorodi M, Odom T, Askew NC, Leonard CR, **Sanders KA**, Thompson D. Hotspotting: Development of an Interprofessional Education and Service Learning Program for Care Management in Home Care Patients. *Nurse Educ* 2018. doi: 10.1097/NNE.0000000000000523
15. **Sanders KA**, McLaughlin JE, Waldron K, Willoughby I, Pinelli NR. Educational outcomes associated with early immersion of second-year student pharmacists into direct patient care roles in health-system practice. *Curr Pharm Teach Learn* 2018;10(2):211-219.
16. Hawes EM, Pinelli NR, **Sanders KA**, Lipshutz AM, Tong GL, Sievers L, Chao S, Gwynne M. Post-hospital discharge care: a case-control study exploring the impact of pharmacist-enhanced care and describing medication-related problems. *N C Med J* 2018; 79(1):4-13.
17. **Sanders KA**, Wolcott M, McLaughlin JE, D'Ostroph AR, Shea CM, Pinelli NR. Organizational readiness for change: preceptor perceptions regarding early immersion of student pharmacists in health-system practice. *Res Social Adm Pharm* 2017; 13: 1028-1035.
18. Persky AM, Wells MA, **Sanders KA**, Fiordalisi J, Downey CM, Anksorus HN. Improving dental students' long-term retention of pharmacy knowledge with "medication minutes". *J Dent Edu* 2017; 81(9):1077-1084.

Refereed Abstracts and Poster Presentations (*presenting author, ^mentored project)

1. Yang A, Burgess-Flowers JL, Dsouza-Norwood R, Musskopf M, Anksorus HN, Huang S, Yokovich K, **Sanders KA***. Implementation of an Interprofessional Tobacco Cessation Resource Program "Carolina Quits Initiative" in the Dental Setting. Poster Presentation: American Dental Education Association Conference: New Orleans, LA. Mar 2024.
2. Yang A*, Burgess-Flowers JL, Dsouza-Norwood R, Musskopf M, Anksorus HN, Huang S, Yokovich K, **Sanders KA***. Implementation of an Interprofessional Tobacco Cessation Resource Program "Carolina Quits Initiative" in the Dental Setting. Poster Presentation: American College of Clinical Pharmacy Conference: Dallas, TX. Nov 2023.
3. **Sanders KA^***, Yang L. Interprofessional clinical care rounds: pharmacy and dental student review of medication-related problems. Poster Presentation: American Association of Colleges of Pharmacy Conference: Grapevine, TX. Jul 2022.
4. **Sanders KA^***, Yang L. Interprofessional care rounds: pharmacy and dental review of medication problems. Poster Presentation: American Dental Education Association Conference: Philadelphia, PA. Mar 2022.
5. **Sanders KA^**, Yang L*. Intervention of pharmacy students to identify medication-related problems in a student-run dental clinic: a retrospective review. Poster Presentation: ASHP Annual Midyear Clinical Meeting: Virtual. Dec 2021.
6. Huang S*, Wolcott M, **Sanders KA^**. Providers' and patients' perceptions of antibiotic prophylaxis in dental practice for preventing prosthetic joint infections. Poster Presentation: American College of Clinical Pharmacy: Virtual. Oct 2020.
7. Zeeman JM*, Rodgers PR, **Sanders KA**. Utilization of an IPEC Core Competency Assessment Instrument Measuring Student Self-Efficacy in a Pharmacotherapy Course. *Am J Pharm Educ*. 2020; 84(6): Article 8220.

8. **Sanders KA***, Zeeman J, Rodgers PR, Haggerty C, Chen L. Utilization of an interprofessional self-efficacy assessment tool in case collaboration. Poster Presentation: American Dental Education Association Conference: Orlando, FL. Mar 2020.
9. **Sanders KA***, Coppola S, Dews D, Holliday A, Palmer C, Rosemund C, Henage C, Roberts E. Preparing a workforce for care of older adults through interprofessional education. Poster Presentation/Snapshot: Biennial Monash Pharmacy Education Symposium: Prato, Italy. July 2019.
10. **Sanders KA***, Downey CL, Harmon J, Mitchell SH, Fuller KA, Anksorus HN. Evaluating interprofessional education outcomes of a dental school pharmacotherapy consult service. Poster Presentation: Interprofessional Education Collaborative Fall Institute: Phoenix, AZ. Oct 2018.
11. **Sanders KA***, Downey CL, Harmon J, Mitchell SH, Fuller KA, Anksorus HN. Evaluating interprofessional education outcomes of a dental school pharmacotherapy consult service. Poster Presentation: American Association of Colleges of Pharmacy Conference: Boston, MA. Jul 2018.
12. Palmer C*, Holliday A, **Sanders KA**, Dews DG, Mitchell SH. Providing a workforce for care of older adults through interprofessional education. Poster Presentation: National Organization of Nurse Practitioner Faculties Conference. Apr 2018.
13. Woodworth KG*, **Sanders KA**[^]. Gap analysis of interprofessional communication between pharmacists and oral health care providers in community practices. Poster Presentation: American Pharmacist Association Conference: Nashville, TN. Mar 2018.
14. **Sanders KA***, Downey CL, Harmon J, Mitchell SH, Fuller KA, Anksorus HN. Evaluating interprofessional education outcomes of dental school pharmacotherapy consult services. Poster Presentation: American Dental Education Association Conference: Orlando, FL. Mar 2018.
15. Wells MA*, Persky AM, Fiordalisi J, **Sanders KA**, Downey CM, Anksorus HN. An interdisciplinary approach improving long-term retention of pharmacology knowledge. Poster Presentation: American Dental Education Association Conference: Long Beach, CA. Mar 2017.
16. Wang C*, Gandhi K, **Sanders KA**, Anksorus HN, Downey CM. Interprofessional education in the student dental clinics. Poster Presentation: American Association for Dental Research Conference: San Francisco, CA. Mar 2017.
17. **Sanders KA***, Wolcott MD*, McLaughlin JE, Shea CM, D'Ostroph AR, Pinelli NR. Organizational readiness for early immersion of student pharmacists in health-system practice. Am J Pharm Educ. 2016;80(5):Article S2. Poster Presentation: American Association of Colleges of Pharmacy Conference: Anaheim, CA. Jul 2016.
18. D'Ostroph AR*, **Sanders KA**[^], Shea CM, McLaughlin JE, Pinelli NR. Preceptor perceptions of early immersion of students in health-system practice. Poster Presentation: 50th Annual ASHP Midyear Clinical Meeting: New Orleans, LA. Dec 2015.
19. **Sanders KA***, Waldron K, Willoughby I, McLaughlin JE, Pinelli NR. Educational outcomes associated with student pharmacist immersion in accountable patient-care roles in health-system practice. Pharmacotherapy 2015;35:e93. Poster Presentation: American College of Clinical Pharmacy Global Conference on Clinical Pharmacy: San Francisco, CA. Oct 2015.
20. **Sanders KA***, Hawes EM, Tong GL, Sievers L, Gwynne M, Lipshutz A, Chao S, Pinelli NR. Medication-related problems identified during pharmacist hospital discharge clinic visits. Pharmacotherapy 2015;35:e83 Poster Presentation: American College of Clinical Pharmacy Global Conference on Clinical Pharmacy: San Francisco, CA. Oct 2015.
21. **Sanders KA***, Droege ME, Sopirala M. Evaluation of Surgical Site Infection Risk Factors, Microbiology, and Patient Outcomes in National Healthcare Safety Network Reported Surgeries. Poster Presentation: University Health-System Consortium Pharmacy Council Meeting: Orlando, FL. Dec 2013. Oral Presentation: Great Lakes Residency Conference: West Lafayette, IN. Apr 2014.
22. Herrera C*, **Sanders KA***, Jones KL, Erdman SM. Compliance with 2010 Infectious Diseases Society of America (IDSA) Neutropenic Fever Guidelines Among Patients with Fever and Neutropenia. Poster Presentation: 47th Annual ASHP Midyear Clinical Meeting: Las Vegas, NV. Dec 2012.

23. **Sanders KA***, Nouredin M, Yehle KS, Plake KS. Impact of the Geriatric Medication Game on Health Professional Students' Attitudes Toward Older Adults. Poster Presentation: 47th Annual ASHP Midyear Clinical Meeting: Las Vegas, NV. Dec 2012.
24. **Sanders KA***, Richardson EM*, Scott SA, Kaakeh Y. Indianapolis Health-System Shadowing and Networking. Poster Presentation: 46th Annual ASHP Midyear Clinical Meeting: New Orleans, LA. Dec 2011.

Non-Refereed Publications

1. Dionne RA, **Sanders KA**, Foreman R. Analgesic prescribing in the opioid overdose epidemic. *NC Dental Gazette* 2018; 25-28.

Non-Refereed Abstracts and Poster Presentations (*presenting author; ^mentored project)

1. Miller B*, Robinson R*, Eyster J*, Khalid S*, **Sanders KA^**, Tschoepe RG^. Identifying patients at risk for hospital readmission. Rural Interprofessional Health Initiative (RIPHI). Poster Presentation: RIPHI Symposium: Chapel Hill, NC. Apr 2018.

Organization-Related Publications (*UC Health Medical Center*)

1. **Sanders KA**. Management of low molecular weight heparin therapy during emergency department transitions of care. Pharmacy Morbidity and Mortality Case Conference Quarterly Continuing Education. Oct 2014.
2. **Sanders KA**. Summary - Reducing Harm in the Elderly: A Focus on Delirium, Falls, and Medication Errors. UC Health Midyear Clinical Meeting Session Review Newsletter. Dec 2013.

Invited Educational Presentations

National

1. Carolina Quits: Interprofessional Opportunities for Tobacco Cessation in Dental Education (1 hour), American Dental Education Association, New Orleans, LA, March 2024.
2. We Are Better Together: Incorporating Health Equity Education Throughout Interprofessional Education and Collaborative Practice (1 hour), Annual Nexus Summit, September 2023.
3. Pathway to Assess Interprofessional Collaboration at Clinical Learning Sites (1 hour), Annual Nexus Interprofessional Education Summit, September 2023.
4. Pharmacological Approaches to Dental Pain Management: Navigating Substance Use Risk and Intervention (2 hours), American Dental Association, National Webinar, May 2023.
5. Interprofessional Possibilities Between Pharmacy and Dentistry: Perspectives from Four Institutions Workshop (1 hour), American Dental Education Association, Portland, OR, March 2023.
6. Making an Interprofessional Dental Student Rotation Possible Through Innovative Partnerships Workshop (1 hour), American Dental Education Association, Portland, OR, March 2023.
7. Shaping Dentistry's Future: Making the Vision of ACT Graduates Possible Roundtables (1 hour), American Dental Education Association, Portland, OR, March 2023.
8. Interprofessional Introductory and Advanced Pharmacy Practice Experiences in Dental Clinics: Perspectives from four programs. Lightning Talk, Annual Nexus Interprofessional Education Summit, September 2022.
9. Are You Ready? Assessing Collaborative Practice Readiness Using an Observer-Based Evaluation of Student IPEC Competency in Didactic Interprofessional Education Activities. Lightning Talk, Annual Nexus Interprofessional Education Summit, August 2022.
10. Establishing Innovative Interprofessional Partnerships for an Integrated Dental Clinic Model Workshop (1.5 hours), American Dental Education Association, Philadelphia, PA, March 2022.
11. Collaborative Strategies to Mentor Faculty Across Disciplines: An Interprofessional Approach (1.5 hours), American Dental Education Association, Chicago, IL, March 2019.
12. We Don't Just Survive, We Thrive: Key Strategies for the Success and Mentorship of Junior Faculty (1.5 hours), American Association of Colleges of Pharmacy Annual Meeting, Boston, MA, July 2018.

Local and State

1. Pharmacological Considerations of Mental Health, Substance Use, and Opioid Updates 2024 (1 hour). Sandhills Study Club, Pinehurst, NC, February 2024.
2. Opioid Prescribing Updates 2023 (1.5 hours). PRIMA Dental Group, Live Webinar, December 2023.
3. Falls Risk Assessment and Intervention for Older Adults: An Interprofessional Approach (4 hours Workshop). Wake AHEC, Raleigh, NC, November 2023.
4. Psychological and Pharmacological Considerations of Substance Use in Oral Health (2 hours). High Point University, High Point, NC, October 2023.
5. Psychological and Pharmacological Considerations of Substance Use in Oral Health (1.5 hours). NC Public Health Association Conference, Concord, NC, September 2023.
6. Opioid Updates 2023 and Antibiotic Awareness (1.5 hours). Frank Brantley Updates in General Practice, September 2023.
7. Opioid Epidemic and Continuing to Address Dental Pain Management (1 hour). NC Caring Dental Professionals Fall Conference. Wilmington, NC, September 2023.
8. Top Medications and Biologic Medications (1.5 hours). Smithfield Study Club, Live Webinar, September 2023
9. Opioid Prescribing Updates 2023 (1.5 hours). U UNC Adams School of Dentistry, Live Webinar, August and November 2023.
10. Dental Pharmacology Updates (1.5 hours). Tarheel Periodontics and Implant Dentistry, Raleigh, NC, April 2023.
11. Opioid Prescribing Updates 2023 (1 hour). Sandhills Study Club, Pinehurst, NC, February 2023.
12. Management of Dental Anxiety (1 hour). UNC Adams School of Dentistry, October 2022.
13. Opioids and Pain Management: Developments in Policy and Practice. Pharmacist and Dental Continuing Education (1.5 hours). UNC Adams School of Dentistry, Live Webinar, June and September 2022.
14. Top Medications and Considerations for Dental Practice (1.5 hours). Tarheel Periodontics and Implant Dentistry, Durham, NC June 2022.
15. Opioids and Pain Management: Developments in Policy and Practice(1 hour), Smithfield Study Club, May 2022.
16. Opioids and Pain Management: Developments in Policy and Practice (1.5 hours) (Pharmacy and Pharmacy technicians) Southeast AHEC, March 2022.
17. Opioids and Pain Management: Developments in Policy and Practice (1.5 hours). Craven-Jones-Pamlico Study Club, February 2022
18. Top Medications and Considerations for Dental Practice. Sandhills Study Club, Pinehurst, NC, February 2022 (1.5 hours)
19. IPE Site Assessment: Pathway to Assess Interprofessional collaboration at Clinical Sites (1 hour). Duke Education Grand Rounds, February 2022.
20. Opioids and Pain Management: Developments in Policy and Practice. Pharmacist Continuing Education (2 hours). Charlotte AHEC, Live Webinar, November 2021.
21. Opioids and Pain Management: Developments in Policy and Practice. Pharmacist and Dental Continuing Education (2 hours). Area L AHEC, Live Webinar, October 2021.
22. Top Medications and Considerations for Dental Practice, Durham Orange Dental Society (1.5 hours), Live Webinar, June 2021.
23. Pharmacological Considerations in Perinatal Oral Health, Perinatal Oral Health Symposium, Wake AHEC Provider Continuing Education (1 hour), Live Webinar, June 2021.
24. Navigating Pain Management Conversations: Medications, Piedmont Health Services (1 hour), Live Webinar, April 2021.
25. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Craven, Jones, Pamlico Counties Dental Society Dental Provider Continuing Education (1.5 hours), Live Webinar, February 2021.
26. Developing and Implementing IPE Opportunities in a Community Setting (1.5 hours), Live Webinar, January 2021.
27. Dental Panel Opioid Update 2020: Why Is This Conversation Still Relevant? North Carolina Dental Society (1.5 hours), Live Webinar, December 2020.

28. Clinical Update Series: Drug Information Resources & Impact of Medications on Oral Health, Adams School of Dentistry (1 hour), Live Webinar, November 2020.
29. Opioids and Pain Management: Developments in Policy and Practice. Pharmacist Continuing Education (2 hours). Charlotte AHEC, Live Webinar, October 2020.
30. Pediatric Dental Pain Pharmacotherapy. Southern Regional AHEC Dental Provider Continuing Education (2 hours), Live Webinar, April 2020.
31. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Craven, Jones, Pamlico Counties Dental Society Dental Provider Continuing Education (1.5 hours), New Bern, NC, February 2020.
32. Polypharmacy and Deprescribing in Older Adults, 10th Annual Primary Care Pharmacology Update Nurse Practitioner Continuing Education (1 hour, 70 NPs), Chapel Hill, NC, December 2019.
33. Dental Pain Management 2019: Developments in Policy and Practice, Study Club Dental Provider Continuing Education (1.5 hours - Remote streaming), Pinehurst, NC, November 2019.
34. Dental Pain Management 2019: Developments in Policy and Practice, Area L AHEC Dental Provider Continuing Education (1.5 hours - Remote streaming), Chapel Hill, NC, October 2019.
35. Dental Pain Management 2019: Developments in Policy and Practice, NC Academy of Pediatric Dentistry Provider Continuing Education (1.5 hours), Chapel Hill, NC, October 2019.
36. Dental Pain Management 2019: Developments in Policy and Practice, UNC School of Dentistry Dental Provider Continuing Education (1.5 hours), Chapel Hill, NC, October 2019.
37. Opioid Stewardship: Role of Pharmacy and Interdisciplinary Highlights, Opioid Student Research Group (1 hour), Chapel Hill, NC, September 2019.
38. Dental Pain Management 2019: Developments in Policy and Practice, UNC School of Dentistry Dental Provider Continuing Education (1.5 hours), Chapel Hill, NC, August 2019.
39. Dental Pain Management 2019: Developments in Policy and Practice, UNC School of Dentistry Dental Provider Continuing Education (1.5 hours), Chapel Hill, NC, June 2019.
40. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Mountain AHEC Dental Provider Continuing Education (1 hour), Asheville, NC, May 2019.
41. Impact of Pharmacotherapy on Dental Practice, Mountain AHEC Dental Provider Continuing Education (1 hour), Asheville, NC, May 2019.
42. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Greater Fayetteville Dental Society Dental Provider Continuing Education (1 hours), Chapel Hill, NC, May 2019.
43. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Preceptor Appreciation Day Dental Provider Continuing Education (1 hours), Chapel Hill, NC, April 2019.
44. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Area L AHEC Dental Provider Continuing Education (2 hours), Chapel Hill, NC, April 2019.
45. Opioid Epidemic 2019: Promising Developments in Policy and Practice, UNC School of Social Work Opioid Epidemic Symposium (1 hour - Live and Streamed), Chapel Hill, NC, March 2019.
46. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Craven, Jones, Pamlico Counties Dental Society Dental Provider Continuing Education (1.5 hour), New Bern, NC, February 2019.
47. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, October 2018.
48. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, NC Academy of Pediatric Dentistry Provider Continuing Education (2 hours), Chapel Hill, NC, October 2018.
49. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, High Point Dental Society Dental Provider Continuing Education (1 hour), High Point, NC, October 2018.
50. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, September 2018.
51. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Greensboro AHEC Dental Provider Continuing Education (2 hours), Greensboro, NC, September 2018.

52. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry General Updates in Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, June 2018.
53. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Charlotte AHEC Dental Provider Continuing Education (2 hours), Charlotte, NC, May 2018.
54. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Southeast AHEC Dental Provider Continuing Education (2 hours), Wilmington, NC, May 2018.
55. Responding to the Opioid Challenge: Guidance for Pediatric Medical and Dental Providers (2 hours), Wake AHEC (1 hours), Raleigh, NC, May 2018.
56. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Southern Regional AHEC Dental Provider Continuing Education (2 hours), Fayetteville, NC, April 2018.
57. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Wake AHEC Dental Provider Continuing Education (2 hours), Raleigh, NC, February 2018.
58. Exploring the Pharmacist's Role in Addressing the Opioid Epidemic, Pharmacy Continuing Education (1 hour), SNPPhA Region I & II Conference, Chapel Hill, NC, February 2018.
59. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, High Point Dental Society Provider Continuing Education (2 hours), High Point, NC, December 2017.
60. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, NC Academy of Pediatric Dentistry Provider Continuing Education (2 hours), Chapel Hill, NC, October 2017.
61. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, September 2017.
62. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Charlotte AHEC Dental Provider Continuing Education (2 hours), Charlotte, NC, August 2017.
63. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, August 2017.
64. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Greensboro AHEC Dental Provider Continuing Education (2 hours), Greensboro, NC, August 2017.
65. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, South East AHEC Dental Provider Continuing Education (2 hours; 2 sessions), Wilmington, NC, June 2017.
66. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, UNC School of Dentistry Dental Provider Continuing Education (2 hours), Chapel Hill, NC, June 2017.
67. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Northwest AHEC Dental Provider Continuing Education (2 hours), Winston-Salem, NC, May 2017.
68. Dental Pain Pharmacotherapy: Considerations in Today's Healthcare Landscape, Mountain AHEC Dental Provider Continuing Education (2 hours), Asheville, NC, May 2017.
69. Close Encounters of the Med Kind: Medication-Related Issues of Today's Dental Patient, Wayne County Dental Society Continuing Education (2 hours; 13 dentists), Goldsboro, NC, November 2016.
70. Impact of Pharmacotherapy on Dental Practice, Mountain AHEC Dental Provider Continuing Education (2 hours; 64 dentists, dental assistants, dental hygienists), Asheville, NC, February 2016.

Other

1. Carolina Dentistry Integrated Health Services: Development and Research Opportunities, Purdue University College of Pharmacy Seminar Series, Indianapolis, IN, September 2021.
2. Introduction to Telehealth: CO-TEACH Panel, Creating Opportunities for Telehealth Education, Assessment, and Care through Hotspotting, University of North Carolina, Chapel Hill, NC, February 2021.
3. Pharming in a Dental World: Growing Collaboration via Shared Faculty Appointment, University of Minnesota College of Pharmacy Mariner Seminar Series, Minneapolis, MN, November 2017.

Media Appearances

1. UNC integrates pharmacist into dental school to avoid another opioid crisis. Taped and Printed Interview, Raleigh Spectrum News One. https://spectrumlocalnews.com/nc/triangle-sandhills/news/2022/12/21/unc-integrates-pharmacist-into-dental-school-to-during-opioid-crisis?cid=share_clip. December 2022.
2. American Society of Consultant Pharmacists Blog: Featured Pharmacist. Printed Interview, American Society of Consultant Pharmacists website. November 2021.
3. Opioid Risk Mitigation Strategies. Recorded 4 YouTube Videos, NC Governor's Institute on Substance Abuse. June 2021 (Released January 2022).
4. Treatment methods and public information campaigns help opioid overdoses fall in N.C. Verbal Interview, Daily Tar Heel. September 2019.
5. Thinking Outside the Silos that Separate Medical Disciplines. Taped Interview, YOUR HEALTH Radio. January 2019.
6. Tracking Opioid Prescriptions to Combat A Crisis. Taped Interview, WUNC Radio. January 2018.

Teaching Activities

University of North Carolina, Chapel Hill, NC

Pharmacy Curriculum New Course Development

PHCY 691/791: Immersion Experience 2-3 - Direct Patient Care (Ambulatory Care)	Fall 2016 - Fall 2017
PHCY 470: Introductory Pharmacy Practice Experience (IPPE), UNC Hospitals Site	Spring 2015
PHCY 516: Foundations of Patient Care	Fall 2014 - Spring 2016
<i>Pharmacy Curriculum Immersion Site Director and Precepting</i>	
PGY2 Ambulatory Care/Academia Rotation 1 resident	September 2022
PHCY 887: Advanced Immersion Experience - Elective (UNC Dental Practice Clinics/Academia)	Summer 2020 - Present
PHCY 893: Advanced Immersion Experience - AmCare Summer 2020: 1 student Spring 2021: 3 students Fall 2021: 2 students Spring 2022: 1 student Spring 2023: 1 student	
PHCY 791: Immersion Experience 3 - Ambulatory Care (UNC Dental Practice Clinics) Fall 2017: 5 students Fall 2018: 2 students Fall 2019: 2 students Fall 2020: 4 students Fall 2022: 2 students	Fall 2017 - Present
PHCY 691: Immersion Experience 2 - Ambulatory Care (UNC Dental Practice Clinics) Spring 2017: 4 students Spring 2018: 4 students Spring 2019: 6 students Spring 2020: 1 student Spring 2022: 3 students Spring 2023: 2 students	Spring 2017 - Present

<i>Pharmacy Curriculum Course Director/Co-Director</i>	
PACE 607i: Interprofessional Teamwork and Communication - Keys to Patient Safety Fall 2017: 18 students	Fall 2017
PHCY 800: Geriatric Pharmacy Practice Spring 2017: 12 students Spring 2018: 30 students Spring 2019: 12 students Spring 2020: 14 students	Spring 2017 - 2020
PACE 803: Ambulatory Care Pharmacy Fall 2015: 50 students	Fall 2015
<i>Dental Curriculum Course Director/Co-Director</i>	
DENT 711/811 IPEP Intramural Rotation Fall 2021: 86 dental students (9 sessions) Spring 2022: 89 dental students (10 sessions) Fall 2022: 90 dental students (7 sessions) Spring 2023: 91 dental students (17 sessions) Fall 2023: 82 dental students (18 sessions)	Fall 2021 - Present
DENG 720: Applied Pharmacology Summer 2018: 24 dental residents Summer 2019: 22 dental residents Summer 2020: 20 dental residents Summer 2021: 16 dental residents	Summer 2018 - 2021
DENT 325: ASPID Pharmacology Refresher Summer 2021: 8 dental students Summer 2022: 8 dental students	Summer 2021 - Present
PAC Pharmacy Intramural Rotation Fall 2018: 85 dental students Spring 2019: 86 dental students Fall 2019: 86 dental students	Fall 2018 - Fall 2019
<i>Content Development/Delivery</i>	
DHYG 367 <i>Tobacco Cessation</i> (2 hours) Fall 2023: 28 students	Fall 2023
DENT 522: Provision of Care: Preventive Disease Management II <i>Tobacco Cessation</i> (2 hours) Spring 2023: 82 students	Spring 2023
DENT 512: Assessment - Plan of Care II <i>Dental Anxiety Management</i> (2 hours) Spring 2023: 82 students	Spring 2023
DENT 761: Integrated Case-Based Learning <i>Hypertension and NSAIDS</i> (1 x 0.5 hour) <i>HIV and Bipolar Disorder</i> (2 x 1.5 hours) <i>Renal Failure</i> (1 x 0.5 hour) Fall 2022: 91 students Fall 2023: 82 students	Fall 2022 - Present

DENT 511: Assessment and Plan of Care I <i>Top Medications and Medication History Taking</i> (2 x 2 hour sessions) Fall 2022: 82 students Fall 2023: 82 students	Fall 2022 - Present
DENT 500: Basecamp <i>Prescription Writing and Antimicrobials</i> (3 x 3 hour sessions) Fall 2022: 82 students Fall 2023: 82 students	Fall 2022 - Present
SOWO 843: Older Adult Theory and Practice <i>Polypharmacy and Deprescribing in Older Adults</i> (1.5 hours) Fall 2022: 9 students	Fall 2022
DENT 743: Professional Ethics and Practice Management VII <i>Interprofessional Education Case - Dental Prophylaxis</i> Fall 2022: 91 students Fall 2023: 82 students	Fall 2022
GAP Seminar for DDS3 <i>Prescription Writing</i> Fall 2021: 88 students Fall 2022: 91 students	Fall 2021 - Present
BIO 117: Considering Health Professions (1.5 hours) Fall 2021: 250 undergraduates Fall 2022: 250 undergraduates Fall 2023: 250 undergraduates	Fall 2021 - Present
DHYG 262: Dental Health Education <i>Tobacco Cessation (2 hours)</i> Spring 2021: 28 students Spring 2022: 25 students	Spring 2021; Spring 2022
DDS2 Clinical Re-entry Curriculum <i>EPIC Overview - Taking Medication History (2 hours)</i> <i>Virtual Medically Complex Cases - 10 sessions</i> Fall 2020: 80 dental students	Fall 2020
DENT 113: The Practice of Dental Medicine I <i>Taking a Thorough Medication History</i> Fall 2020: 80 dental students Fall 2021: 80 dental students	Fall 2020; Fall 2021
DDS4 Clinical Re-entry Curriculum <i>Virtual Medically Complex Cases - 6 sessions</i> Fall 2020: 80 dental students	Fall 2020
DENG 720: Applied Pharmacology <i>Prescription Writing and Controlled Substances</i> Summer 2020: 20 dental residents Summer 2021: 16 dental residents Summer 2022: 15 dental residents Summer 2023: 16 dental residents	Summer 2020 - Present

<p>PHCY 631: Integrative Pharmacotherapy <i>Opioid Use Risk Mitigation - Skills Session</i> Spring 2020: 144 students Spring 2021: 140 students Spring 2022: 140 students Spring 2023: 140 students</p>	<p>Spring 2020 - Present</p>
<p>DENT 207: Internal Medicine for Dentists <i>Opioids and Acute Pain Management</i> <i>Top Prescribed Medications in Dentistry</i> Fall 2018: 80 dental students Fall 2019: 84 dental students Summer 2020: 80 dental students</p>	<p>Fall 2018; Fall 2019; Summer 2020</p>
<p>DENT 200: Basic Pharmacology <i>Dental Clinical Case Studies - Discussions</i> Fall 2018: 80 dental students</p>	<p>Fall 2018</p>
<p>PHCY 501: On Becoming a Pharmacist <i>Introduction to Interprofessional Education</i> Fall 2018: 134 students</p>	<p>Fall 2018</p>
<p>PHCY 617: Patient Care Experience I <i>Team Collaboration and TeamSTEPPS</i> Fall 2018: 153 students Fall 2019: 142 students Fall 2020: 144 students</p>	<p>Fall 2018; Fall 2019</p>
<p>PHCY 732: Integrative Pharmacotherapy II <i>Interprofessional Education Case - Dental Prophylaxis</i> <i>(Dental, Dental Hygiene, and Pharmacy students)</i> Fall 2018: 256 students Fall 2019: 256 students Fall 2020: 224 students Fall 2021: 228 students Fall 2022: 256 students Fall 2023: 250 students</p>	<p>Fall 2018 - Present</p>
<p>SHAC Student Directed Practicum Workshop: <i>Interprofessional Collaboration</i></p>	<p>Summer 2018</p>
<p>DHYG 261/DA 23: Pharmacology <i>Opioid and Non-opioid Analgesics</i> Spring 2018: 35 students Spring 2019: 35 students</p>	<p>Spring 2018; Spring 2019</p>
<p>Healthcare Innovation and Leadership <i>Innovative Practices</i> Spring 2018: 6 students</p>	<p>Spring 2018</p>
<p>DENT 207: Internal Medicine for Dentists <i>Anticoagulants Review and Case</i> Fall 2017: 170 dental students</p>	<p>Fall 2017</p>
<p>PHCY 500: Pharmacy Toolkit <i>Introduction to TeamSTEPPs (6 hours)</i> Fall 2017: 155 students</p>	<p>Fall 2017</p>

NURS 786: Advanced Concepts in the Clinical Care of Older Adults <i>Considerations for Medication Use in Older Adults</i> Summer 2017: 10 students	Summer 2017
DENT 120: Introduction to Clinic <i>Medication History and Drug Information Resources</i> Summer 2017: 80 students Summer 2018: 80 students Summer 2019: 80 students	Summer 2017 - 2019
PHCY 800: Geriatric Pharmacy Practice <i>Inappropriate Medications and De-prescribing (3 hours)</i> Spring 2017: 12 students Spring 2018: 30 students	Spring 2017; Spring 2018
DENT 310: Clinical Pharmacology <i>Prescription Writing (2 hours)</i> Spring 2017: 80 students Spring 2018: 80 students Spring 2019: 80 students Spring 2020: 80 students Spring 2021: 85 students <i>Complex Medication Case-based Seminar (6-8 hours)</i> Spring 2020: 80 students Spring 2021: 85 students	Spring 2017 - 2021
DHYG 241: Nutrition <i>Dietary Supplements</i> Fall 2016: 36 students Fall 2017: 35 students (resident mentoring) Fall 2018: 35 students (resident mentoring) Fall 2019: 34 students (resident mentoring) Fall 2020: 35 students (resident mentoring) Fall 2021: 28 students (resident mentoring) Spring 2023: 28 students (resident mentoring)	Fall 2016 - Present
DENT 200: Basic Pharmacology <i>Medication Minute Discussion Series</i> Fall 2016: 80 students	Fall 2016
EPID 799-001B: Pharmacoepidemiology of Older Adults: Research Challenges and Opportunities <i>Pharmacokinetics and Pharmacodynamics of Medications in Older Adults - Case Studies</i> Spring 2016: 50 epidemiology students	Spring 2016
PACE 803: Ambulatory Care Pharmacy <i>Care Transitions (3 hours)</i> Fall 2015: 49 students Fall 2016: 50 students Spring 2017: 50 students <i>Gout (2 hours)</i> <i>Asthma/COPD (3 hours)</i> Fall 2015: 49 students	Fall 2015; Fall 2016; Spring 2017

PHCY 414: Applied Pharmacokinetics <i>Pregnancy, Lactation, and Obesity (2 hours)</i> Spring 2015: 162 students	Spring 2015
PACE 803: Ambulatory Care Pharmacy <i>Care Transitions (3 hours)</i> Fall 2014: 50 students Spring 2016: 39 students Fall 2016: 50 students	Fall 2014; Spring 2016; Fall 2016
<i>Case Development</i> Dental GAP Curriculum <i>DDS4 Gateway Case</i>	Fall 2021, Fall 2023
PHCY 631: Integrative Pharmacotherapy <i>Chronic Pain and Opioid Use</i>	Spring 2019 - 2021
DENT 200: Basic Pharmacology <i>Relevant Clinical Case Studies</i>	Fall 2018
PHCY 732: Integrative Pharmacotherapy II <i>Interprofessional Education Case - Dental Prophylaxis (Dental, Dental Hygiene, and Pharmacy students)</i>	Fall 2018- Present
PHCY 733: Integrative Pharmacotherapy III <i>Interprofessional Education Case - Dental Prophylaxis (Dental, Dental Hygiene, and Pharmacy students)</i>	Spring 2018
DENT 310: Clinical Pharmacology <i>Seminar Case Series (4 Topics)</i>	Fall 2016
PHCY 631: Integrative Pharmacotherapy <i>Acetaminophen Overdose and Osteoarthritis</i>	Fall 2016
PHCY 516: Foundations of Patient Care <i>Health-System Longitudinal Case Writer</i>	Fall 2015 - Spring 2016
PACE 800: Geriatric Pharmacy Practice <i>Interprofessional Education Collaborative in Geriatrics</i>	Fall 2015 - Spring 2016
<i>Group Facilitation</i> PHCY 732: Integrative Pharmacotherapy II Grader and back-up Facilitator Fall 2021: 24 students	Fall 2021
PHCY 631: Integrative Pharmacotherapy Spring 2021: 24 students	Spring 2021
NURS 790i: Population Health: Interprofessional Management in a Changing Health Care System Fall 2016: 24 students Fall 2017: 42 students	Fall 2016; Fall 2017
PHCY 516: Foundations of Patient Care Spring 2016: 42 students	Spring 2016

Student Research Faculty Advising and Mentoring, Research and Scholarship in Pharmacy Mentor
 Claire Stevens, PharmD Candidate 2025
 Project: Pharmacy and Dental Collaboration Exploration
 Completion Date: May 2025 [anticipated] Spring 2023 - present

Mary-Carty Pittman, PharmD Candidate 2024
 Melissa Maas, PharmD Candidate 2024
 Remote Internship: Clinical Quantitative Evaluation of IPEP Rotation Summer 2022

Meghan Corcoran, PharmD Candidate 2025
 Nathan Andert, PharmD Candidate 2024
 Remote Internship: Qualitative Evaluation of IPEP Rotation Summer 2022

Ashley Addison, PharmD Candidate 2025
 Tiffany Ricciardi
 Claire Stevens, PharmD Candidate 2025
 Remote Internship: Patient Education Materials and Dental One-pager Medical Conditions with Common Medications Summer 2022

Emili Anderson, PharmD Candidate 2024
 Remote Internship: IPE Clinical Site Assessment Tool Development Summer 2022

Lirong Yang, PharmD Candidate 2022
 Project: Student pharmacists' intervention of identifying MRPs in dental student clinic care rounds
 Completion Date: Sep 2022 Spring 2021 - Fall 2022

Tia Belvin, PharmD Candidate 2023
 Project: Observer-based IPE student assessment tool development
 Completion Date: May 2023 Fall 2020 - Spring 2022

Shuyan Huang, PharmD Candidate 2021
 Project: Dental antibiotic stewardship: antimicrobial prophylaxis
 Completion date: May 2021 Fall 2018 - Spring 2021

Faustina Nguyen, PharmD Candidate 2019
 Project: Designing continuing education for enhancing interdisciplinary opioid stewardship
 Completion Date: May 2019 Summer 2018 - Spring 2019

Chelsea Sumner, PharmD Candidate 2019
 Heysel Lam, PharmD Candidate 2019
 Pharmacy and Dental Collaboration Summer Internship Summer 2017

Katie Woodworth, PharmD Candidate 2019
 Project: Gap analysis of interprofessional communication between pharmacists and oral healthcare providers in NC community practices
 Completion Date: May 2019 Fall 2016 - Spring 2020

Nicole Enyinnaya, MSN Candidate 2017
 School of Nursing Master's Research Practicum
 Project: Hotspotting and Home Health
 Completion Date: May 2017 Fall 2016 - Spring 2017

Joyce Jih, PharmD Candidate 2018
 Project: Interprofessional collaboration between pharmacy and dental students
 Completion Date: May 2018 Summer 2015 - Spring 2018

Amanda D'Ostroph, PharmD Candidate 2017
Project (*Co-advisor*): Preceptor perceptions of early immersion of student pharmacists in health-systems
Completion Date: May 2017

Fall 2014 - Fall 2017

Teaching Assistantships

PHCY 516: Foundations of Patient Care
Faculty Advisors: Nicole R. Pinelli, PharmD, MS, CDE; Stefanie Ferreri, PharmD, CDE, BCACP, FAPhA

Spring 2016

PACE 803: Ambulatory Care Elective
Faculty Advisor: Nicole R. Pinelli, PharmD, MS, CDE

Fall 2014

APPE Co-Preceptor

Ambulatory Care/MTM/Geriatrics
Advisors: Gretchen L. Tong, PharmD, CPP; Jena I. Burkhart, PharmD, BCPS, CPP
APPE: 5 students completed

Summer 2015 - Spring 2016

UC Health Pharmacy Residency, Cincinnati, OH

Content Delivery

Spring Grand Rounds
Ethnicity and Pharmacogenomics in Hypertension Management

Spring 2014

Fall Grand Rounds
Surgical Site Infections

Fall 2013

APPE Co-Preceptor

Internal Medicine
Advisor: Brittany Woolf, PharmD, BCPS
APPE: 1 student completed

Spring 2014

Grants

Grants Funded - Ongoing

Rural Pharmacy Health Initiative
Funded (01/2023 - 12/2025): \$815,000 - The Duke Endowment
(Co-investigator; 5% Salary x 1 year, 4% Salary x 1 year, 2% Salary x 1 year)

Use of an Observer-based assessment measuring individual interprofessional competency
Funded (04/2022): \$4,000 - AACP Scholarship of Teaching and Learning
(Co-investigator)

Grants Funded - Completed

Research to Evaluate Medication Management of Opioids and Benzodiazepines to Reduce Older Adult Fall Risk (RFA-CE-18-004)
Funded (10/2018): \$3 million - Centers for Disease Control
(Co-Investigator; 5% Salary x 4 years)

Enhancing Interdisciplinary Opioid Stewardship: Education and Training to Mitigate Postoperative Risk.
Funded (7/2018): \$43,398 - NC AHEC Innovations Grant 2018-2019
(Principal Investigator; 4% Salary x 1 year)

Carolina Geriatric Workforce Enhancement Program
Funded (7/2015); Renewed (7/2018): \$2.55 million - Health Resources and Services Administration, Department of Health and Human Services
(Co-Investigator; 3% Salary x 2 years; 10% Salary x 1 year)

Rural Interprofessional Health Initiative
Funded (7/2017): \$1.5 million - William R. Kenan, Jr. Charitable Trust
(Co-Faculty Champion; 15% Salary x 1 year)

Hotspotting in Home Health: Pilot Testing of an Interprofessional Clinical Immersion Site.
Funded (7/2017): \$30,866 - NC AHEC Innovations Grant 2017-2018
(Co-Investigator; 5% Salary x 1 year)

Novice Clinician Portal: School of Dentistry Curriculum Reform and Advancing Interprofessional Education.
Funded (7/2017): \$50,000 - NC AHEC Innovations Grant 2017-2018
(Co-Investigator; 2% Salary x 1 year)

Pharmacotherapy Consult Services in a Dental Clinic Setting: An Interprofessional Collaboration.
Funded (7/2016): \$46,000 - NC AHEC Innovations Grant 2016-2017
(Principal Investigator; 33% Salary x 1 year)

Professional Service

National Level Organizations

Currents in Pharmacy Teaching and Learning Journal Peer Reviewer	2021 - Present
American Association of Colleges of Pharmacy UNC Delegate, House of Delegates	2020 - 2021
Member, Experiential Education Section	2014 - Present
Member, Pharmacy Practice Section Research and Scholarship Committee	2014 - Present 2020 - 2021
Member, Minority Faculty SIG Strategic Planning Committee	2014 - Present 2020 - 2022
Member, Health Disparities and Cultural Competence SIG	2014 - Present
American College of Clinical Pharmacy Member, Ambulatory Care PRN Seed Grant Subcommittee	2015 - 2016 2014 - 2016
Member, Ambulatory Care PRN Research and Scholarship Committee	2014 - 2018, 2023
Member, Ambulatory Care PRN Member, Education and Training PRN	2014 - 2018, 2023
North Carolina Association of Pharmacists	2014 - Present
American Pharmacists Association	2012 - 2014
Rho Chi Academic Honor Society of Pharmacy	2012 - Present
American Society of Health-System Pharmacists	2011 - 2018

State Level Organizations

Member, Dental Opioid Task Force/Work Group (NC DHHS/UNC/ECU)	2018 - Present
---	----------------

University of North Carolina

Faculty At-Large Member, Administrative Board of Libraries (University)	2018 - 2024
Member, Blending the Blue - IPE4UNC and Duke AHEAD Collaboration (University)	2017 - 2022
Co-Faculty Champion, Rural Interprofessional Health Initiative (University)	2017 - 2018
Member, Health Affairs Interprofessional Education Steering Committee (University)	2017 - 2018
Member, Carolina Geriatric Workforce Enhancement Program Steering Committee (University)	2015 - 2018

UNC Eshelman School of Pharmacy and Adams School of Dentistry

Member, Dental Hygiene Faculty Search Committee (Dental)	2024
Member, Social Equity and Inclusion Committee (Pharmacy)	2023 - Present
Member, Professional Development Committee (Dental)	2023 - Present

Co-Lead, PACE Strategic Plan Culture Initiative (Pharmacy)	2022 - 2024
Member, Adams School of Dentistry Dean Search Committee (Dental)	2021 - 2022
Member, PACE Strategic Planning Committee (Pharmacy)	2021 - 2022
Pharmacy Lead, Integrated Health Services in ASOD (Dental)	2020
Member, Social Work Faculty Search Committee (Dental)	2019
Member, Oral Medicine Faculty Search Committee (Dental)	2019
Pharmacy Advisor, Interprofessional Geriatrics Fellowship	2018 - 2019
Member, Scholastic Achievement and Progression Committee (Pharmacy)	2018 - Present
Member, Interprofessional Education and Practice Advisory Committee (Pharmacy)	2018 - 2022
Member, Accreditation Self-Study Standards 10-13 Subcommittee	2018 - 2019
Member, Director of Practice/Clinical Instructor Search Committee (Pharmacy)	2017 - 2018
Member, EPIC/Wisdom Implementation Task Force (Dental)	2017 - 2019
Member, Experiential Programs Faculty	2017 - 2018
Member, Leadership and Professionalism Course Stream	2017 - 2019
Member, Dental School Interprofessional Education Committee (Dental)	2017 - Present
Member, Virtual Patient Design Team (Pharmacy)	2016 - 2018
Member, Intentional Interprofessional Education Task Force (Pharmacy)	2015
Member, Center for Medication Optimization through Practice and Policy Associate Director Search Committee (Pharmacy)	2015 - 2016
Member, Center for Medication Optimization through Practice and Policy Director Search Committee (Pharmacy)	2015
Member, Immersion in Practice Committee (Pharmacy)	2014 - 2015
Member, Immersion Learning Outcomes Task Force (Pharmacy)	2014

UNC Health Care

Member, Accountable Care in Transitions (ACTion) Committee (UNC Family Medicine Center)	2014 - 2015
---	-------------

UC Health Medical Center

Secretary, Department of Pharmacy Anti-infectives Subcommittee	2013 - 2014
--	-------------

Community Service Experiences

Thanksgiving Basket Drive Planning Committee Southside Church of Christ, Durham, NC	Mar 2022 - Present
Purdue University College of Pharmacy Alumni Board Member Purdue University, West Lafayette, IN	Jun 2021 - Apr 2023
CORxE Advisor/Mentor UNC Eshelman School of Pharmacy, Chapel Hill, NC	Jul 2020 - Nov 2022
Volunteer Pharmacist Mission Minded Charitable Trust, Boksburg, South Africa	Dec 2019 - Jan 2020 Dec 2017 - Jan 2018
G.L.O.B.A.L. Ministry Lead Southside Church of Christ, Durham, NC	Jan 2017 - Present
Supervising Pharmacist Volunteer Student Health Action Coalition (SHAC) Clinic, Chapel Hill, NC	Jun 2015 - Jun 2021
Supervising Pharmacist Volunteer SNPhA CAARE Inc. Pharmacy Clinic, Durham, NC SNDA Albert Schweitzer Fellowship Smile TIME Clinic, CAARE Inc., Durham, NC	Apr 2015 - Jun 2018
Volunteer - Spring Break Mission Bethesda Outreach Ministry International, Hammanskraal, South Africa	Mar 2012
Volunteer - Spring Break Missions The Center for Student Missions, Nashville, TN	Mar 2009, Mar 2010

Caregiver Assistant Caregiver Companion, Lafayette, IN	Sep 2009 - May 2010
Volunteer Matthew 25 Medical and Dental Clinic, Fort Wayne, IN	Jun 2007 - Jan 2008

Professional Development Programs and Certifications

Thorp Faculty Engaged Scholars Program - Class VIII University of North Carolina, Chapel Hill, NC	Jan 2022 - Dec 2023
Well-being Initiative for Women Faculty of Color UNC Eshelman School of Pharmacy, Chapel Hill, NC	Apr 2021 - Dec 2022
Duke Johnson & Johnson Nursing Leadership Program Duke University, Durham, NC	Sep 2020 - May 2021
Relational Leadership Institute Group Facilitator Office of Interprofessional Education and Practice, Chapel Hill, NC	Apr 2019 Feb, Mar, Apr 2021
TeamSTEPPS Master Trainer Course Duke University Health System Patient Safety Center, Durham, NC	May 2017
T3 Train-the-Trainer Interprofessional Education Faculty Development The University of Virginia Center for Academic Strategic Partnerships for Interprofessional Research and Education, Charlottesville, VA	Nov 2016
Board Certified Pharmacotherapy Specialist (ID #3150641) Board of Pharmacy Specialties	2015 - Present
Translational and Clinical Research Curriculum The North Carolina Translational and Clinical Sciences Institute, Chapel Hill, NC	Jul 2014 - May 2016
Pharmacy Teaching Certificate University of Cincinnati Winkle College of Pharmacy, Cincinnati, OH	Jun 2014

Licensure

North Carolina Pharmacist License (#24493)	2014 - Present
Indiana Pharmacist License (#26025370A)	2013 - Present
Ohio Pharmacist License (#RPH.03233061-2)	2013 - Present