

Jacqueline M. Zeeman, Pharm.D.

UNC Eshelman School of Pharmacy, University of North Carolina at Chapel Hill
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EDUCATION AND POSTGRADUATE TRAINING

Assessment of Student Learning and the Scholarship of Education Fellowship July 2015 – December 2017

UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Fellowship Directors: Wendy C. Cox, Pharm.D., BCPS
Jacqueline E. McLaughlin, Ph.D., MS

American Society of Health-System Pharmacists (ASHP) Accredited Post Graduate Training Year-1 (PGY-1) Pharmacy Practice Residency July 2014 – June 2015

Le Bonheur Children's Hospital and UTHSC College of Pharmacy
University of Tennessee Health Science Center (UTHSC)
Memphis, Tennessee
Program Director: Kelly S. Bobo, Pharm.D., MBA, BCPS

Teaching and Learning Certificate Program, Concentration in Pharmacy Education August 2014 – May 2015

UTHSC College of Pharmacy
University of Tennessee Health Science Center (UTHSC)
Memphis, Tennessee
Program Mentor: Chasity M. Shelton, Pharm.D., BCPS, BCNSP

Doctor of Pharmacy August 2010 – May 2014

UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

Bachelor of Arts in Chemistry August 2006 – May 2010

Minor in Biology
Wake Forest University
Winston-Salem, North Carolina

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Campbell Mentoring Program January 2018 – September 2023

UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Program Mentors: Jo Ellen Rodgers, Pharm.D., FNAP, FCCP, FHFSA, FAHA, CPP
Meg Zomorodi, PhD, RN, CNL

NCFDD Faculty Success Program January 2021 – April 2021

National Center for Faculty Development & Diversity (NCFDD)

CFE Leadership Peer Coaching Program August 2020 – April 2021

Center for Faculty Excellence (CFE)
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

CFE Leadership Fundamentals Program
Center for Faculty Excellence (CFE)
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

September 2019 – May 2020

RLI@Carolina

Relational Leadership Institute (RLI)
Primary Care Progress
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

March 2019 – April 2019

PROFESSIONAL EXPERIENCE

Clinical Associate Professor

Clinical Assistant Professor (Jan. 2018-Sept. 2023), *promotion to Associate Professor in Oct. 2023*
Division of Practice Advancement and Clinical Education
UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Supervisor: Stefanie Ferreri, Pharm.D., BCACP, CDE, FAPhA
Chair, Division of Practice Advancement and Clinical Education

October 2023 – Present

Associate Director, Office of Organizational Effectiveness, Planning, and Assessment

Assistant Director (July 2020-April 2023), *promotion to Associate Director in May 2023*
UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Supervisor: Chris Gosk, MBA
Director, Office of Organizational Effectiveness, Planning, and Assessment

May 2023 – Present

Clinical Assistant Professor

Division of Practice Advancement and Clinical Education
UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Supervisor: Stefanie Ferreri, Pharm.D., BCACP, CDE, FAPhA
Chair, Division of Practice Advancement and Clinical Education

January 2018 – September 2023

Assistant Director, Office of Organizational Effectiveness, Planning, and Assessment

UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Supervisor: Chris Gosk, MBA
Director, Office of Organizational Effectiveness, Planning, and Assessment

July 2020 – April 2023

Assistant Director, Office of Strategic Planning and Assessment

UNC Eshelman School of Pharmacy
University of North Carolina at Chapel Hill
Chapel Hill, North Carolina
Supervisor: Mary Roth McClurg, Pharm.D., MHS
Executive Vice Dean – Chief Academic Officer

January 2018 – July 2020

Pediatric Clinical Pharmacist

Duke University Hospital
Durham, North Carolina
Supervisor: Nicole Panosh, Pharm.D., MS, BCPS
Associate Chief Pharmacy Officer

November 2015 – Present

PRN Clinical Staff Pharmacist July 2014 – June 2015
Le Bonheur Children’s Hospital
Memphis, Tennessee
Supervisor: Kelly S. Bobo, Pharm.D., MBA, BCPS
Clinical Pharmacy Manager

Distribution Technician July 2011 – February 2013
Duke University Hospital
Durham, North Carolina
Supervisor: Udobi C. Campbell, Pharm.D., MBA
Associate Chief Pharmacy Officer

LICENSURES AND CERTIFICATIONS

Pediatric Advanced Life Support (PALS) Certification December 2014 – Present
American Heart Association (AHA)

North Carolina Board of Pharmacy June 2014 – Present
License Number: 24091

Cardiopulmonary Resuscitation and Automated External Defibrillator Certification March 2011 – Present
American Heart Association (AHA)

Mental Health First Aid Certification May 2022
National Council for Mental Wellbeing

Tennessee Board of Pharmacy July 2014 – July 2016
License Number: 38593

APhA-ASP Leadership Training Series Certificate May 2014
American Pharmacists Association (APhA) Academy of Student Pharmacists (ASP)

Pharmacy-Based Immunization Delivery Certification October 2012
American Pharmacists Association (APhA)

AWARDS AND HONORS

Academic Excellence Award, UNC Eshelman School of Pharmacy August 2022, August 2023
Excellence in Interprofessional Education (IPE) Collaboration National Award, June 2023
United States Public Health Service (USPHS) Commissioned Officers Foundation for the
Advancement of Public Health and the Interprofessional Education Collaborative (IPEC)
ACCP Emerging Teaching Scholar Award April 2023
Facilitator Worthy of Recognition Annually, Spring 2023 – Present
Instructor Worthy of Recognition Annually, Fall 2017 – Present
ACCP Social and Administrative Sciences (SAS) Section Best Poster Award August 2022
ACCP Assessment SIG Collaborative Publication Award June 2021
ACCP Leadership Development SIG Best Manuscript Award April 2021
ACCP New Investigator Award January 2021
New Investigator Award, 2019 International Pharmacy Education Symposium July 2019
Outstanding Alumnus Award, Phi Delta Chi Alpha Gamma Chapter February 2019
Myra Kinlaw Memorial Scholarship August 2013
Phi Lambda Sigma Pharmacy Leadership Society November 2011
Phi Delta Chi Exemplary Pledge Award January 2011
Wake Forest University Dean’s List Fall 2006, Spring 2007,
Spring 2008, Spring 2009

PUBLICATIONS (*Corresponding Author, ^Presenting Author, †Student Author, ‡Postgraduate Trainee Author)

Refereed Publications:

1. **Zeeman JM***, Sanders KA, Belvin TM†, Rodgers PT. Assessment of student IPEC competency using observer-based evaluation in didactic interprofessional education activities. *Innov Pharm.* 2024; in press.
2. **Zeeman JM**, Nana AA†, Pickering ES†, Harris SC*. Assessing factors that influence pharmacy student burnout and identifying recommendations to support student well-being. *Am J Pharm Educ.* 2024; in press. [doi:10.1016/j.ajpe.2024.100741](https://doi.org/10.1016/j.ajpe.2024.100741)
3. DeBoer EM*, Smith BM, Williamson AA, Tapia IE, Gaffin JM, Hamlington KL, **Zeeman JM**, McLaughlin JE, Hatch J, Davis SD, Flower KB, Tschudy MM. Initiatives to improve lung and sleep health in children: Delphi consensus from the pediatrics, pulmonary, & sleep conference. *Pediatric Pulmonology.* 2024; in press.
4. Fuller KA and Morbitzer KA, **Zeeman JM**, Persky AM, Savage AC, McLaughlin JE*. Exploring the use of ChatGPT to analyze student course evaluation comments. *BMC Med Educ.* 2024; 24:423. [doi: 0.1186/s12909-024-05316-2](https://doi.org/10.1186/s12909-024-05316-2)
5. Harris SC*, Gandavarapu S†, **Zeeman JM**. Scoping review of programmatic well-being interventions and outcomes to support pharmacy students. *Am J Pharm Educ.* 2024;88(2):100638. [doi: 10.1016/j.ajpe.2023.100638](https://doi.org/10.1016/j.ajpe.2023.100638)
6. **Zeeman JM**, Pickering ES†, Nana AA†, Harris SC*. Assessing workplace factors that influence burnout and identifying recommendations to support well-being in pharmacy faculty. *Am J Pharm Educ.* 2024;88(1):100628. [doi: 10.1016/j.ajpe.2023.100628](https://doi.org/10.1016/j.ajpe.2023.100628)
7. McLaughlin JE*, Morbitzer K, **Zeeman JM**, Eckel SF. Understanding pathways to health system pharmacy administration: A journey mapping study. *Am J Health Syst Pharm.* 2024;81(3):e90-e99. [doi: 10.1093/ajhp/zxad263](https://doi.org/10.1093/ajhp/zxad263)
8. Castleberry AN*, Daugherty KK, **Zeeman JM**, Gortney JS, Lee KC, Dey S, Drayton S. “Put me in Coach!” Engaging faculty for form a winning assessment team. *Am J Pharm Educ.* 2023;87(6):100072. [doi: 10.1016/j.ajpe.2023.100072](https://doi.org/10.1016/j.ajpe.2023.100072)
9. **Zeeman JM***, Bensky HP†, Minshew LM†. Pharmacy student stress and time use in pre-clinical and clinical students. *Am J Pharm Educ.* 2023;87(6):100073. [doi: 10.1016/j.ajpe.2023.100073](https://doi.org/10.1016/j.ajpe.2023.100073).
10. Minshew LM†, Bensky HP†, **Zeeman JM***. There’s no time for no stress! Exploring the relationship between pharmacy student stress and time use. *BMC Med Educ.* 2023;23:279. [doi: 10.1186/s12909-023-04266-5](https://doi.org/10.1186/s12909-023-04266-5)
11. **Zeeman JM***, Hahn FT†, McLaughlin JE. Implementation and evaluation of pharmacy houses as learning communities to promote community, wellness, and advising. *Curr Pharm Teach Learn.* 2022;14(9):1160-1168. [doi: 10.1016/j.cptl.2022.07.024](https://doi.org/10.1016/j.cptl.2022.07.024)
12. Olsen AA†, Morbitzer KA, Zambrano S†, **Zeeman JM**, Persky AM, Bush AA, McLaughlin JE*. Development and implementation of a formative instructional coaching program using the Teaching Practices Inventory within a health professions program. *BMC Med Educ.* 2022;22:554. [doi: 10.1186/s12909-022-03616-z](https://doi.org/10.1186/s12909-022-03616-z)
13. Petersen AE†, **Zeeman JM**, Vest MH, Schenk DH, Colmenares EW*. Development of a system-wide pharmacy operational weighted workload model at a large academic health system. *Am J Health Syst Pharm.* 2022;79(13):1103-1109. [doi: 10.1093/ajhp/zxac071](https://doi.org/10.1093/ajhp/zxac071)
14. **Zeeman JM***, Petersen AE†, Colmenares EW†, Schenk DH, Vest MH. Identifying health-system pharmacy operational process categories and corresponding tasks across a diverse health-system using a modified Delphi process. *Am J Health Syst Pharm.* 2022; 79(13):1070:1078. [doi: 10.1093/ajhp/zxac072](https://doi.org/10.1093/ajhp/zxac072)
15. Wolcott MD*, Lobczowski NG†, **Zeeman JM**, McLaughlin JE. Does the ability to identify the construct on an empathy situational judgment test relate to performance? Exploring a new concept in assessment. *Curr Pharm Teach Learn.* 2021;13:1451-1456. [doi: 10.1016/j.cptl.2021.09.003](https://doi.org/10.1016/j.cptl.2021.09.003)
16. Nelson NR†, Anderson SM†, **Zeeman JM**, Rhoney DH*. A scoping review of the pharmacy curriculum outcomes assessment literature. *Am J Pharm Educ.* 2021;85(8): Article 8505. [doi: 10.5688/ajpe8505](https://doi.org/10.5688/ajpe8505)

17. Wolcott MD*, Lobczowski NG[‡], **Zeeman JM**, McLaughlin JE. Exploring the role of item scenario features on situational judgement test response selections. *Am J Pharm Educ.* 2021;85(6): Article 8546. [doi: 10.5688/ajpe8546](https://doi.org/10.5688/ajpe8546)
18. Maerten-Rivera JL*, Chen AMH, Augustine J, d'Assalenaux R, Lindsey CC, Malcom DR, Mauro LS, Pavuluri N, Rudolph MJ, Wong SF, **Zeeman JM**, Zeszotarski P. Challenges to implementation of the co-curriculum in accredited pharmacy programs. *Am J Pharm Educ.* 2021;85(5): Article 8301. [doi: 10.5688/ajpe8301](https://doi.org/10.5688/ajpe8301)
19. Stickel JW[†], Ngo S[†], Kumar AV[†], Rhodes LA, **Zeeman JM***. Evaluation of a preventative health consultation service for underserved patients at a student-run free health clinic. *Journal of Student-Run Clinics* 2021;7(1):1-9.
20. Minshew LM[†], **Zeeman JM**, Olsen AA[‡], Bush AA, Patterson H, McLaughlin JE*. Qualitative evaluation of a junior faculty team mentoring program. *Am J Pharm Educ.* 2021;85(4): Article 8281. [doi: 10.5688/ajpe8281](https://doi.org/10.5688/ajpe8281)
21. Wolcott MD*, Lobczowski NG[‡], **Zeeman JM**, McLaughlin JE. Role of knowledge and experience in situational judgment test responses of pharmacists and pharmacy students. *Am J Pharm Educ.* 2021;85(1): Article 8194. [doi: 10.5688/ajpe8194](https://doi.org/10.5688/ajpe8194)
22. Steeb DR*, **Zeeman JM**, Bush AA, Dascanio SA[‡], Persky AM. Exploring career development through a student-directed practicum to provide individualized learning experiences. *Curr Pharm Teach Learn.* 2021;13:500-505. [doi: 10.1016/j.cptl.2021.01.020](https://doi.org/10.1016/j.cptl.2021.01.020)
23. Wolcott MD*, Lobczowski NG[‡], **Zeeman JM**, McLaughlin JE. Situational judgement test validity: An exploratory model of the participant response process using cognitive and think-aloud interviews. *BMC Med Educ.* 2020;20:506. [doi: 10.1186/s12909-020-02410-z](https://doi.org/10.1186/s12909-020-02410-z)
24. **Zeeman JM***, Kiser SN, Steeb DR, Hubal R. Identifying priority student leadership and professionalism attributes among faculty, preceptors, and students via modified Delphi. *Am J Pharm Educ.* 2020;84(11): Article 8076. [doi: 10.5688/ajpe8076](https://doi.org/10.5688/ajpe8076)
 ➤ Awarded the 2021 AACP Leadership Development SIG *Best Manuscript Award*.
25. Dunham S[†], Cox WC, Wingo BL, **Zeeman JM***. Evaluation of a council structure and meeting format for pharmacy student government in the co-curriculum. *Am J Pharm Educ.* 2020; 84(10): Article 7755. [doi: 10.5688/ajpe7755](https://doi.org/10.5688/ajpe7755)
26. Maerten-Rivera JL*, Chen AMH, Augustine J, d'Assalenaux R, Lee KC, Lindsey CC, Malcom DR, Mauro LS, Pavuluri N, Rudolph MJ, Wong SF, **Zeeman JM**, Zeszotarski P. Co-curriculum implementation and assessment in accredited doctor of pharmacy programs. *Am J Pharm Educ.* 2020;84(3): Article 7569. [doi: 10.5688/ajpe7569](https://doi.org/10.5688/ajpe7569)
 ➤ Awarded the 2021 AACP Assessment SIG *Collaborative Publication Award*.
27. **Zeeman JM**, Bush AA, Cox WC, McLaughlin JE*. Assessing the co-curriculum by mapping student organization involvement to curricular outcomes using mixed methods. *Am J Pharm Educ.* 2019; 83(10): Article 7354. [doi: 10.5688/ajpe7354](https://doi.org/10.5688/ajpe7354)
28. **Zeeman JM**, Bush AA, Cox WC, Buhlinger K[‡], McLaughlin JE*. Identifying and mapping skill development opportunities through pharmacy student organization involvement. *Am J Pharm Educ.* 2019; 83(4): Article 6950. [doi: 10.5688/ajpe6950](https://doi.org/10.5688/ajpe6950)
29. **Zeeman JM***, Kang I[†], Angelo TA. Assessing student academic time use: Assumptions, predictions, and realities. *Med Educ.* 2019;53(3):285-295. [doi: 10.1111/medu.13761](https://doi.org/10.1111/medu.13761)
30. Vos SS, Brown MM, Cardello EA, Dintzner MR, MacKinnon GE, Maroyka EM, Mbi P, Park SK, Weaver KK, **Zeeman JM**, Bradley-Baker LR*, Plaza CM. The report of the 2017-2018 Professional Affairs Standing Committee: the development of the preceptor self-assessment tool for entrustable professional activities for new graduates. *Am J Pharm Educ.* 2018;82(7): Article 7162. [doi: 10.5688/ajpe7162](https://doi.org/10.5688/ajpe7162)
31. Wolcott MD[‡], **Zeeman JM**, Cox WC, McLaughlin JE*. Using the multiple mini interview as an assessment strategy within the first year of a health professions curriculum. *BMC Med Educ.* 2018;18:92. [doi: 10.1186/s12909-018-1203-5](https://doi.org/10.1186/s12909-018-1203-5)
32. **Zeeman JM**, Wingo BL, Cox WC*. Design and evaluation of a two-phase learner-centered new student orientation program. *Curr Pharm Teach Learn.* 2018;10(4):486-92. [doi: 10.1016/j.cptl.2017.12.020](https://doi.org/10.1016/j.cptl.2017.12.020)

33. Chesnut RJ, Atcha II, Do DP, Harrell K, Holland A, Miller ML, Shields KM, Sousa K, Van Den Brock RA, **Zeeman JM**, Nohria R, Adams JL*. Report of the 2016-2017 Student Affairs Standing Committee. *Am J Pharm Educ.* 2017;81(8): Article S12. [doi: 10.5688/ajpeS12](https://doi.org/10.5688/ajpeS12)
34. **Zeeman JM**, McLaughlin JE*, Cox WC. Validity and reliability of an application review process using dedicated reviewers in one stage of a multi-stage admissions model. *Curr Pharm Teach Learn.* 2017;9(6):972-9. [doi: 10.1016/j.cptl.2017.07.012](https://doi.org/10.1016/j.cptl.2017.07.012)
35. Scott MA*, McLaughlin JE, Shepherd G, Williams C, **Zeeman JM**, Joyner P. Author response to “Considerations for determining perceived benefits and challenges of student organizations at pharmacy school satellite campuses”. *Am J Pharm Educ.* 2017;81(2): Article 40. [doi: 10.5688/ajpe81240](https://doi.org/10.5688/ajpe81240)
36. McLaughlin JE*, Bush AA, **Zeeman JM**. Mixed methods: Expanding research methodologies in pharmacy education. *Curr Pharm Teach Learn.* 2016;8(5):715-21. [doi: 10.1016/j.cptl.2016.06.015](https://doi.org/10.1016/j.cptl.2016.06.015)
37. Scott MA*, McLaughlin JE, Shepherd G, Williams C, **Zeeman JM**, Joyner P. Professional organizations for pharmacy students on satellite campuses. *Am J Pharm Educ.* 2016;80(5): Article 78. [doi: 10.5688/ajpe80578](https://doi.org/10.5688/ajpe80578)

Refereed Abstracts:

1. **Zeeman JM**, Vyas D, Ragucci KR. Let’s COEPA Collaborate! Best Practices for Interprofessional Education Programs, Curricula, and Assessment. *Am J Pharm Educ.* 2024; in press.
2. Rodgers PT, Sanders KA, Haggerty CL, Dsouza-Norwood RM, Lowery AMB, **Zeeman JM**. Use of an observer-based assessment measuring individual interprofessional competency in a didactic case collaboration activity. *Am J Pharm Educ.* 2024; in press.
3. Smits EL†, **Zeeman JM**, Harris SC. Postdoc Pressures: Identifying Factors that Influence Burnout and Wellbeing in Postdoctoral Fellows at Pharmacy Programs. *Am J Pharm Educ.* 2024; in press.
4. Fuller KA, Morbitzer KA, **Zeeman JM**, Persky A, Savage A, McLaughlin JE. Exploring the use of ChatGPT to analyze student course evaluation comments. *Am J Pharm Educ.* 2024; in press.
5. Fuller KA, Morbitzer KA, **Zeeman JM**, Persky A, Savage A, McLaughlin JE. Exploring the use of ChatGPT to analyze student course evaluation comments. *Pharmacy Education.* 2024; in press.
6. **Zeeman JM**, Rodgers, PT. Developing a collaborative practice-ready workforce: Assessment considerations for evaluating interprofessional competency in IPE curricula. *Pharmacy Education.* 2024; in press.
7. **Zeeman JM**, Harris SC. Caring for our community: Assessing factors that influence burnout and well-being in pharmacy students, faculty, and staff. *Pharmacy Education.* 2024; in press.
8. **Zeeman JM**, Fassett KT†, Veeravalli S†. Does Teamwork Make the Dream Work? Evaluating Collaboration and Pharmacists’ Dual Identities on Interprofessional Teams. *Am J Pharm Educ.* 2023; 87(8): Article 100150. [doi: 10.1016/j.ajpe.2023.100150](https://doi.org/10.1016/j.ajpe.2023.100150)
9. Matt IC†, Harris SC, Anderson EB†, **Zeeman JM**. Caring for Our Community: Identifying Factors that Influence Well-Being in Pharmacy Staff. *Am J Pharm Educ.* 2023; 87(8): Article 100512. [doi: 10.1016/j.ajpe.2023.100512](https://doi.org/10.1016/j.ajpe.2023.100512)
 - Awarded *Trainee Poster Finalist* in the Trainee Poster Competition, AACP Annual Meeting, July 2023.
10. Anderson EB†, **Zeeman JM**, Matt IC†, Harris SC. Supporting All Students: Identifying Factors that Influence Well-Being in PhD Students at Pharmacy Programs. *Am J Pharm Educ.* 2023; 87(8): Article 100536. [doi: 10.1016/j.ajpe.2023.100536](https://doi.org/10.1016/j.ajpe.2023.100536)
 - Awarded *Trainee Poster Finalist* in the Trainee Poster Competition, AACP Annual Meeting, July 2023.
11. **Zeeman JM**, Fassett KT†. Let’s Collaborate! Assessing Health-System Pharmacists’ Interprofessional Collaboration by Health-System Type. *Am J Pharm Educ.* 2022;86(5): Article 9171. [doi: 10.5688/ajpe9171](https://doi.org/10.5688/ajpe9171)
12. **Zeeman JM**, Nana A†, Pickering E†, Harris SC. Be Well: Qualitative Evaluation of Factors Influencing Student Pharmacists’ Wellbeing. *Am J Pharm Educ.* 2022;86(5): Article 9171. [doi: 10.5688/ajpe9171](https://doi.org/10.5688/ajpe9171)
 - Awarded the Social and Administrative Sciences (SAS) Section *Best Poster Award*, AACP Annual Meeting, July 2022.

13. Harris SC, **Zeeman JM**, Nana A†, Pickering E†. Identifying Workplace Factors that Influence Pharmacy Faculty Well-being. *Am J Pharm Educ.* 2022;86(5): Article 9171. [doi: 10.5688/ajpe9171](https://doi.org/10.5688/ajpe9171)
 ➤ Awarded the Social and Administrative Sciences (SAS) Section *Best Poster Award*, AACP Annual Meeting, July 2022.
14. Rodgers PT, Sanders K, Belvin T†, **Zeeman JM**. Assessment of Pharmacy Students' IPEC Core Competency Using Observer-Based Evaluation. *Am J Pharm Educ.* 2022;86(5): Article 9171. [doi: 10.5688/ajpe9171](https://doi.org/10.5688/ajpe9171)
15. Hahn F†, McLaughlin JE, **Zeeman JM**. Lessons Learned: Using Design Thinking Principles to Identify Best Practices of Pharmacy Learning Communities. *Am J Pharm Educ.* 2021; 85(7): Article 8737. [doi: 10.5688/ajpe8737](https://doi.org/10.5688/ajpe8737)
16. Nelson NR†, Anderson SM, **Zeeman JM**, Rhoney DH. What is known about PCOA? A scoping review of the Pharmacy Curriculum Outcomes Literature. *Am J Pharm Educ.* 2021; 85(7): Article 8737. [doi: 10.5688/ajpe8737](https://doi.org/10.5688/ajpe8737)
17. Cruz A†, Vega Rios P†, Stickel J†, Kumar A†, **Zeeman JM**. Evaluation of Community Needs for Student-Run Free Health Services. *North Carolina Pharmacist* 2020; 101(3):11.
18. Hahn F†, McLaughlin JE, **Zeeman JM**. We Are Pharmily: Evaluation of Pharmacy Learning Communities. *J Am Coll Clin Pharm.* 2020; 2(8): 1525-1689. [doi: 10.1002/jac5.1351](https://doi.org/10.1002/jac5.1351)
19. **Zeeman JM**†, Rodgers P, Sanders K. 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. [doi: 10.5688/ajpe8220](https://doi.org/10.5688/ajpe8220)
20. Minshew LM†, **Zeeman JM**, Bush AA, Patterson H, McLaughlin JE. We all need mentors! Evaluation of a team-based junior faculty mentoring program. *Am J Pharm Educ.* 2020; 84(6): Article 8221. [doi: 10.5688/ajpe8221](https://doi.org/10.5688/ajpe8221)
21. Rodgers P†, **Zeeman JM**, Scott M, Koonce T, Zomorodi M. "Meet Your Neighbors": An Interprofessional Reflective Activity for First Year Health Professions Students. *Am J Pharm Educ.* 2020; 84(6): Article 8220. [doi: 10.5688/ajpe8220](https://doi.org/10.5688/ajpe8220)
22. Steeb DR*, **Zeeman JM**, Bush AA, Dascanio SA†, Persky AM. Exploring career development through an individualized learning experience: the student directed practicum. *Am J Pharm Educ.* 2020; 84(6): Article 8220. [doi: 10.5688/ajpe8220](https://doi.org/10.5688/ajpe8220)
23. Stickel J†, Kumar A†, Ngo S†, Rhodes LA, **Zeeman JM**. Evaluation of the preventative health consultation service for underserved patients at a student-run free health clinic. *J Am Pharm Assoc.* 2020; 60:e26. [doi: 10.1016/j.japh.2020.04.013](https://doi.org/10.1016/j.japh.2020.04.013)
24. Stickel J†, Ngo S†, Kumar A†, Rhodes LA, **Zeeman JM**. Assessment of the preventative health needs of under-resourced populations served by a free, student-run healthcare organization in North Carolina. *North Carolina Pharmacist* 2019; 100(3):24.
25. Liu Y†, Buige AN†, Wells CJ†, Sun Y†, Van Peursesem KM†, **Zeeman JM**. SMASH the smoking – Students Mentoring Against Smoking in the Homeless (SMASH) project. *North Carolina Pharmacist* 2019; 100(3):20.
26. McLaughlin JE†, Olsen A†, Zambrano S†, Bush AA, **Zeeman JM**. Does your teaching count? A frequency-based instrument for peer evaluations of teaching. *Am J Pharm Educ* 2019; 83(5): Article 7654. [doi: 10.5688/ajpe7654](https://doi.org/10.5688/ajpe7654)
27. Wolcott MD†, Lobczowski NG†, **Zeeman JM**, McLaughlin JE. What were you thinking? Student and pharmacist situational judgments about empathy. *Am J Pharm Educ* 2019; 83(5): Article 7654. [doi: 10.5688/ajpe7654](https://doi.org/10.5688/ajpe7654)
28. Maerten-Rivera JL†, Chen AM, Augustine JM, d'Assalenaux R, Lee KC, Lindsey CC, Mauro LS, Malcom DR, Pavuluri N, Rudolph MJ, Wong SF, **Zeeman JM**, Zeszotarski P. Identifying the challenges in implementing the co-curriculum accreditation requirement: a national survey. *Am J Pharm Educ* 2019; 83(5): Article 7654. [doi: 10.5688/ajpe7654](https://doi.org/10.5688/ajpe7654)
29. **Zeeman JM**†, Hubal R, Kiser SN, Steeb DR. Identifying traits and building consensus on priority leadership and professionalism attributes in pharmacy education. *Pharmacy Education* 2019; 19(1):346.
30. Wolcott MD†, Lobczowski NG, **Zeeman JM**, McLaughlin JE. What were you thinking? Student and pharmacist situational judgments about empathy. *Pharmacy Education* 2019; 19(1):303.
31. Dunham S†, **Zeeman JM**, Wingo BL, Cox WC. Design and evaluation of a council structure and meeting format for pharmacy student government. *Am J Pharm Educ* 2018; 82(5): Article 7158. [doi: 10.5688/ajpe7158](https://doi.org/10.5688/ajpe7158)

32. Maerten-Rivera JL[^], Chen AM, Augustine JM, Bush AA, d'Assalenaux R, Gortney JS, Lee KC, Lindsey CC, Mauro LS, Malcom DR, Pavuluri N, Rudolph MJ, Wong SF, **Zeeman JM**, Zeszotarski P. An examination of the implementation of co-curriculum programs in US schools and colleges of pharmacy. *Am J Pharm Educ* 2018; 82(5): Article 7158. [doi: 10.5688/ajpe7158](https://doi.org/10.5688/ajpe7158)
33. Wolcott MD^{†^}, **Zeeman JM**, Cox WC, McLaughlin JE. The multiple mini interview as an assessment strategy within the first year of a PharmD curriculum. *Am J Pharm Educ* 2018; 82(5): Article 7158. [doi: 10.5688/ajpe7158](https://doi.org/10.5688/ajpe7158)
 - Awarded *Best Poster by a Graduate Student* in the inaugural 2018 AACP Annual Meeting Poster Competition.
34. **Zeeman JM**[^], Kang I[†], Angelo TA. Does time management matter? Assessing student time use in a doctor of pharmacy program. *Pharmacy Education* 2017; 17(1):255.
35. **Zeeman JM**[^], McLaughlin JE, Rhoney D. A program evaluation and research methods curriculum to prepare future pharmacy leaders for practice-based improvement initiatives. *Pharmacy Education* 2017; 17(1):305.
36. **Zeeman JM**[^], Kang I[†], Angelo TA. Does time management matter? Assessing student time use in a doctor of pharmacy program. *Am J Pharm Educ* 2017; 81(5): Article S5. [doi: 10.5688/ajpe815S5](https://doi.org/10.5688/ajpe815S5)
37. **Zeeman JM**[^], McLaughlin JE, Cox WC. Validity and reliability of a PharmD application review process utilizing dedicated application reviewers. *Am J Pharm Educ* 2016; 80(5): Article S2. [doi: 10.5688/ajpe805S2](https://doi.org/10.5688/ajpe805S2)
38. **Zeeman JM**[^], Angelo TA. Where does the time go? Enhancing first year pharmacy student self-awareness with time-logging. *Am J Pharm Educ* 2016; 80(5): Article S2. [doi: 10.5688/ajpe805S2](https://doi.org/10.5688/ajpe805S2)
39. Wingo BL[^], **Zeeman JM**, Cox WC. Design and evaluation of a learner-centered orientation program for doctor of pharmacy students. *Am J Pharm Educ* 2016; 80(5): Article S2. [doi: 10.5688/ajpe805S2](https://doi.org/10.5688/ajpe805S2)

PRESENTATIONS (^Presenting Author, †Student Author, †Postgraduate Trainee Author)

International:

1. **Zeeman JM**[^], Rodgers, PT. Developing a collaborative practice-ready workforce: Assessment considerations for evaluating interprofessional competency in IPE curricula. Poster Presentation, 2024 Pharmacy Education Symposium, Prato, Italy, July 2024.
2. **Zeeman JM**[^], Harris SC. Caring for our community: Assessing factors that influence burnout and well-being in pharmacy students, faculty, and staff. Oral Presentation, 2024 Pharmacy Education Symposium, Prato, Italy, July 2024.
3. Fuller KA, Morbitzer KA[^], **Zeeman JM**, Persky A, Savage A, McLaughlin JE. Exploring the use of ChatGPT to analyze student course evaluation comments. Poster Presentation, 2024 Pharmacy Education Symposium, Prato, Italy, July 2024.
4. **Zeeman JM**[^], Hubal R, Kiser SN, Steeb DR. Identifying traits and building consensus on priority leadership and professionalism attributes in pharmacy education. Oral Presentation, Pharmacy Education Symposium, Prato, Italy, July 2019.
 - Awarded the *New Investigator Award* in the inaugural 2019 New Investigator Oral Presentation Session.
5. Wolcott MD[^], Lobjowski NG, **Zeeman JM**, McLaughlin JE. What were you thinking? Student and pharmacist judgements about empathy. Poster, Monash Pharmacy Education Symposium, Prato, Italy, July 2019.
6. **Zeeman JM**[^], Kang I[†], Angelo TA. Does time management matter? Assessing student time use in a doctor of pharmacy program. Oral Presentation, Monash Pharmacy Education Symposium, Prato, Italy, July 2017.
7. **Zeeman JM**[^], McLaughlin JE, Rhoney D. A program evaluation and research methods curriculum to prepare future pharmacy leaders for practice-based improvement initiatives. Oral Presentation, Monash Pharmacy Education Symposium, Prato, Italy, July 2017.

National:

1. **Zeeman JM**[^], Castleberry A[^], Darley A[^], Thornby KA[^]. Is two greater than one? Considerations for independent and joint Curriculum and Assessment Committee(s). Special-Session Presentation, AACP Annual Meeting, Boston, Massachusetts, July 2024.
2. **Zeeman JM**[^], Rodgers PT[^]. That's SO 2016! Applying the 2023 IPEC Competencies to assessing pharmacy students in interprofessional activities. Mini-Session Presentation, AACP Annual Meeting, Boston, Massachusetts, July 2024.
3. **Zeeman JM**[^], Zomorodi M[^]. Better Together: Implementing Longitudinal IPE Curricula and Assessment Strategies Involving Multiple Health Professions Education Programs. Invited Nexus Summit Seminar Series, June 2024.
 - Invited encore presentation after being identified as a top-reviewed Seminar at the 2023 Nexus Summit.
4. **Zeeman JM**[^]. Curriculum Governance & Leadership. 2024 CIPhER Summer Institute in Evidence-based Teaching & Course Design, May 2024.
5. **Zeeman JM**[^]. Data Analysis – Quant, Qual, and more! 2024 CIPhER Summer Institute in Evidence-based Teaching & Course Design, May 2024.
6. **Zeeman JM**[^], Caldas LM[^], Kennedy D[^], Zavod R[^], Dy-Boarman E, Kelley K. AACP COF Coffee Chat: Workshop for Emerging Teaching Scholar Applicants. AACP Council of Faculties (COF) Webinar, January 2024.
7. **Zeeman JM**[^], Howard M[^], Gruenberg K[^], McKeirnan KC[^], Kelley K. AACP COF Coffee Chat – Preparing your Emerging Teaching Scholar Application. AACP Council of Faculties (COF) Webinar, November 2023.
8. **Zeeman JM**[^], Zomorodi M[^]. Better Together: Implementing Longitudinal IPE Curricula and Assessment Strategies Involving Multiple Health Professions Education Programs. Virtual Nexus Summit 2023: Working Together for Impact, September 2023.
9. Rodgers P[^], Sanders KA, Haggerty C, Dsouza-Norwood R, Bennet-Lowery AM, **Zeeman JM**. Use of an observer-based assessment measuring individual student interprofessional competency. Virtual Nexus Summit 2023: Working Together for Impact, September 2023.
10. **Zeeman JM**[^]. Survey Design. 2023 CIPhER Summer Institute in Evidence-based Teaching & Course Design, May 2023.
11. Rodgers P[^], Sanders KA, Haggerty C, Dzousa-Norwood R, Bennet-Lowery A, **Zeeman JM**. Use of an observer-based assessment measuring individual interprofessional competency. Mini-Session Presentation, AACP Annual Meeting, Aurora, Colorado, July 2023.
12. **Zeeman JM**[^], Persky A[^], McCoy E[^], Hornsby L[^], Trujillo J[^], Kelley K[^], Williams V[^], Stamatakis M, Brownfield A. Combating Curricular Inefficiency (Hoarding). AACP Council of Faculties Webinar, April 2023.
13. Harris SC[^], **Zeeman JM**[^], Bostwick J[^], Curtis S[^], Gable K[^]. Assess and Advance: Assessing Well-being to Address Future Directions. AACP Well-being and Resiliency Community Webinar, March 2023.
14. **Zeeman JM**[^], McLaughlin JE[^]. Crack the CODE: Contemporary Opportunities to Develop Engagement. University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences, Aurora, Colorado, January 2023.
15. **Zeeman JM**[^], McLaughlin JE[^]. Delphi Roadmap to Generate Ideas and Arrive at Consensus. NIH NHLBI Funded Conference, Aurora, Colorado, January 2023.
16. Pickering ES[†], Harris SC, Nana A[†], **Zeeman JM**. Factors Influencing Pharmacy Student and Faculty Well-Being. Poster, ASHP Midyear Clinical Meeting, Las Vegas, Nevada, December 2022.
17. **Zeeman JM**[^]. Training Tomorrow's Teams: Assessing Competency in Didactic Interprofessional Education Activities. 2022 Assessment Institute, Indianapolis, Indiana, October 2022.
18. **Zeeman JM**[^]. Who Has Time for Stress? Exploring Student Stress and Its Relationship to Student Time Use. 2022 Assessment Institute, Indianapolis, Indiana, October 2022.

19. **Zeeman JM**[^], Rodgers PT[^], Sanders K, Belvin T[†]. Are You Ready? Assessing Collaborative Practice Readiness Using an Observer-Based Evaluation of Student IPEC Competency in Didactic Interprofessional Education Activities. Nexus Summit 2022, August 2022.
20. **Zeeman JM**[^]. Better Together: Assessing Student Learning to Inform [Interprofessional] Curricula. The University of Mississippi School of Pharmacy, August 2022.
21. Petersen AE[^], Colmenares EW[†], Schenkat D, Vest MH, **Zeeman JM**. Development of a System-Wide Pharmacy Operational Weighted Workload Model Using a Delphi Expert Panel and Time Studies. Poster, ASHP Summer Meetings & Exhibition, Phoenix, Arizona, June 2022.
22. Minshew[†], Bensky[†], **Zeeman JM**. Exploring the Relationship Between Time Use and Stress in Pharmacy Students. Paper Presentation, AERA Annual Meeting, April 2022.
23. Bensky H[†], Minshew LM[†], **Zeeman JM**. Stress and Time Use in Pre-Clinical and Clinical Pharmacy Students. Poster, ASHP Midyear Clinical Meeting, Virtual, December 2021.
24. **Zeeman JM**[^], Steeb DR[^]. Developing Inclusive Leaders: Incorporating Diversity, Equity, and Inclusion into Pharmacy Leadership Training. Mini-Session Presentation, AACP Annual Meeting, July 2021.
25. Parbuoni K[^], Arif S[^], Drame IL[^], Miller ML[^], **Zeeman JM**[^]. Are We Ready for Kids? Training and Assessing Students to Provide Culturally Responsive Pediatric Care. Special Session Presentation, AACP Annual Meeting, July 2021.
26. Bensky H[†], Minshew[†], **Zeeman JM**. Stress, What a Mess! Exploring Factors that Contribute to Pharmacy Student Stress.
 - Awarded Honorable Mention Poster Presentation, AACP Annual Meeting, July 2021.
27. **Zeeman JM**[^], Dunn B, Augustine JM. Strategic Plan Assessment. AACP Assessment SIG Webinar, February 2021.
28. Broadwater M[†], Peterson AE[†], Vest MH, Colmenares EW, **Zeeman JM**. Use of a Delphi Method to Identify Pharmacy Operations Processes and Time Spent on Operational Tasks Across a Health System. Poster, ASHP Midyear Clinical Meeting, December 2020.
29. **Zeeman JM**[^]. How confident are you? Assessing student self-efficacy in didactic interprofessional education (IPE) activities. 2020 Assessment Institute, Indianapolis, Indiana, October 2020.
30. **Zeeman JM**[^]. What is leadership? What is professionalism? Building consensus on priority leadership and professionalism attributes for health profession student development among faculty, preceptors, and students. 2020 Assessment Institute, Indianapolis, Indiana, October 2020.
31. **Zeeman JM**[^], Rodgers P[^]. What Is Your Confidence Level? Assessing Student Self-Efficacy on the IPEC Core Competencies in Classroom-based IPE Activities. Nexus Summit 2020, October 2020.
32. **Zeeman JM**[^], Castleberry A[^], Medina MS[^], McLaughlin JE[^]. The Assessment Hat (or Hats!) We All Wear: Assessment Across an Array of Faculty Roles. 2020 AACP Annual Meeting, Long Beach, California, July 2020.
33. **Zeeman JM**[^], Kiser SN[^]. Are We Talking About the Same Thing? Evaluating Priority Leadership and Professionalism Traits Across Stakeholders. 2020 AACP Annual Meeting, Long Beach, California, July 2020.
34. **Zeeman JM**[^], Ray ME[^], Rhoney DH[^]. Putting the Puzzle Pieces Together: Facilitating Data-Informed Decision Making Using Real-Time Curricular Mapping and Course Streams. 2020 AACP Annual Meeting, Long Beach, California, July 2020.
35. Persky A[^], Wolcott M[^], Turner K[^], **Zeeman JM**[^]. Get To Know Yourself: Novel Tools to Enhance Student Self-Awareness. 2020 AACP Annual Meeting, Long Beach, California, July 2020.
36. Sanders K[^], **Zeeman JM**, Rodgers P, Haggery C, Chen L. Utilization of an interprofessional self-efficacy assessment tool in case collaboration. Poster, 2020 American Dental Education Association (ADEA) Annual Session & Exhibition, National Harbor, Maryland, March 2020.

37. Buige AN[†], Liu Yi, Wells CJ[†], Sun Yi, **Zeeman JM**. SMASH-ing barriers to quitting: implementation and evaluation of the Students Mentoring Against Smoking in the Homeless (SMASH) study. Poster, ASHP Midyear Clinical Meeting, Las Vegas, Nevada, December 2019.
38. **Zeeman JM**[^], Ray ME[^]. Change your perspective! Curriculum mapping with an eye on program assessment, curriculum improvement, and faculty development. 60-minute platform presentation, 2019 Assessment Institute, Indianapolis, Indiana, October 2019.
39. **Zeeman JM**[^], DeLellis TM[^], Wilhite AL[^], Wingo BL[^]. One size does not fit all: Customized approaches to designing, operationalizing, and assessing the co-curriculum. 60-minute Special Session Presentation, American Association of Colleges of Pharmacy (AACP) Annual Meeting, Chicago, Illinois, July 2019.
40. Scott MA[^], Hagemeyer NE[^], Haines SL[^], **Zeeman JM**[^]. Creation of organizational initiatives to cultivate joy, resilience, and well-being in pharmacy education. 60-minute Special Session Presentation, American Association of Colleges of Pharmacy (AACP) Annual Meeting, Chicago, Illinois, July 2019.
41. **Zeeman JM**[^]. Co-Curriculum Assessment. 2019 CIPhER Summer Institute in Evidence-based Teaching & Course Design, Rizzo Center, Chapel Hill, North Carolina, May 2019.
42. **Zeeman JM**[^]. Curriculum Mapping. 2019 CIPhER Summer Institute in Evidence-based Teaching & Course Design, Rizzo Center, Chapel Hill, North Carolina, May 2019.
43. **Zeeman JM**[^], Persky AM[^]. CAPE Domains 3 and 4: Applications to curriculum, co-curriculum, and assessment. 1.5-day On-Site Faculty Workshop, Touro College of Pharmacy, New York, New York, January 2019.
44. **Zeeman JM**[^], Castleberry A[^], Franks A[^], Medina MS[^], McLaughlin JE[^]. Expanding your assessment toolkit: Selection, identification, and evaluation of social, behavioral, and professional competency assessment. 90-minute Special Session Presentation, American Association of Colleges of Pharmacy (AACP) Annual Meeting, Boston, Massachusetts, July 2018.
45. Patel AD[†], **Zeeman JM**, Angelo TA. How much does the quality of time spent studying matter? Student self-reported time spent studying and its relationship to academic performance. Poster, ASHP Midyear Clinical Meeting, Orlando, Florida, December 2017.
46. Angelo TA[^], Cox WC[^], Fravel MA[^], McLaughlin JE[^], Ray ME[^], **Zeeman JM**[^]. Mapping matters: practical lessons learned using curriculum mapping for program assessment, improvement, and accreditation. 90-minute Special Session Presentation, American Association of Colleges of Pharmacy (AACP) Annual Meeting, Nashville, Tennessee, July 2017.
47. **Zeeman JM**[^], Bush AA[^], McLaughlin JE, Cox WC, Wingo BL, Buhlinger K[†]. Mapping student development opportunities through co-curricular involvement to program outcomes. 60-minute Platform Presentation, Assessment Institute, Indianapolis, Indiana, October 2016.
48. **Zeeman JM**[^], Angelo TA[^]. Enhancing student time use and self-awareness: findings from a comprehensive assessment of first-year doctor of pharmacy students. 60-minute Platform Presentation, Assessment Institute, Indianapolis, Indiana, October 2016.
49. **Zeeman JM**[^], Bush AA[^]. Identifying skills gained through student participation in student organizations. 30-minute Roundtable Presentation, American Association of Colleges of Pharmacy (AACP) Annual Meeting, Anaheim, California, July 2016.
50. **Zeeman JM**[^], Christensen ML, Shafi NI. Variations in medication dosing practice among inpatient obese children. Platform Presentation, 24th Annual Pediatric Pharmacy Advocacy Group (PPAG) Annual Meeting, Minneapolis, Minnesota, May 2015.
51. **Zeeman JM**[^], Bobo KS. Evaluation of the financial impact of utilizing an institutional sized fluticasone dry powder inhaler compared to a fluticasone inhalation aerosol. Poster, TSHP Midyear Clinical Meeting, Nashville, Tennessee, February 2015.
52. **Zeeman JM**[^], Bobo KS. Evaluation of the financial impact of utilizing an institutional sized fluticasone dry powder inhaler compared to a fluticasone inhalation aerosol. Poster, ASHP Midyear Clinical Meeting, Anaheim, California, December 2014.

53. **Zeeman JM**[^], Kirkpatrick KO, Rafferty A, Sutherland SE, Denslow SA. Efficacy of IV acetaminophen compared to IV ketorolac for post-operative pain management in women's gynecological surgery patients. Poster, ASHP Midyear Clinical Meeting, Orlando, Florida, December 2013.

Regional:

1. **Zeeman JM**[^], Christensen ML, Shafi NI. Variations in medication dosing practice among inpatient obese children. Platform Presentation, Mid-South Regional Pharmacy Residents Conference, Memphis, Tennessee, April 2015.

State/Local:

1. **Zeeman JM**[^]. 2023 IPEC Competency Updates: IPEC Competency Assessment in O-IPEP Didactic Core Curricula. Interprofessional Education and Practice Directors Meeting, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, February 2024.
2. **Zeeman JM**[^]. Pediatric Pharmacy: A Journey of Crossroads. PPAG General Body Meeting, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, February 2024.
3. **Zeeman JM**[^]. Leading Teams: Empower Through Purpose and Inspire Through Action. CAPS All Leaders Fall Kick-off, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, September 2023.
4. **Zeeman JM**[^]. Difficult Conversations. Student Senate Leadership Institute, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, April 2023.
5. Harris SC[^], **Zeeman JM**[^]. Building a Heel-athy Pharmily: Exploring Factors and Identifying Strategies that Influence Student Pharmacists' Wellbeing. 2023 Behavioral Health Convening, University of North Carolina System Office, Chapel Hill, North Carolina, March 2023.
6. **Zeeman JM**[^]. Alumni Speaker – Impactful Experiences During the Pharmacy Journey. 2022 Phi Delta Chi Recruitment, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, September 2022.
7. **Zeeman JM**[^], Fasset K[^]. Crafting Surveys for Quality & Diverse Data Collection. CIPhER Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, February 2022.
8. **Zeeman JM**[^], Minshew LM[^], Bensky HP[^]. Stress, What a Mess! Exploring Factors that Contribute to Pharmacy Student Stress. CIPhER Lightning Round Celebration, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, April 2021.
9. **Zeeman JM**[^]. Interprofessional Education (IPE) Evaluation Proposal. Interprofessional Education and Practice Directors Meeting, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, March 2021.
10. **Zeeman JM**[^]. Teamwork makes the dream work: Life lessons from team sports. PACE Division Meeting, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, January 2021.
11. **Zeeman JM**[^]. Sakai Success: Communicating in a Remote Teaching Environment. Faculty Meeting, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, October 2020.
12. **Zeeman JM**[^]. Planning and Promoting Leadership and Professionalism in a Virtual Teaching Environment. CIPhER Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, June 2020.
13. **Zeeman JM**[^]. Zoom Links 1, 2, 3 and More: Facilitating Small Groups Remotely and Simultaneously. CIPhER Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, June 2020.
14. **Zeeman JM**[^], McLaughlin JE[^]. What Do You Think? Utilizing the Delphi Method to Reach Consensus. CIPhER Seminar, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, May 2020.
15. **Zeeman JM**[^]. Interprofessional Education (IPE) Assessment. Interprofessional Education and Practice Directors Meeting, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, September 2019.
16. **Zeeman JM**[^], Scott MA[^]. Student Wellness and Assessment in Health Professions Education: UNC Eshelman School of Pharmacy. CIPhER Masterclass, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, April 2019.

17. **Zeeman JM**[^]. Building better multiple choice assessments: Practical advice and resources for multiple choice item writing and analysis. Fall 2018 Teaching Assistant (TA) Training, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, August 2018 and September 2018.
18. McLaughlin JE[^], **Zeeman JM**[^], Persky AM. Assessment and continuous quality improvement in graduate education. 2018 DPET Retreat, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, May 2018.
19. McLaughlin JE[^], Cox WC, **Zeeman JM**[^]. Social and professional competence. Assessment Day 2017: Using Data to Improve Student Learning, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, June 2017.
20. **Zeeman JM**[^], Angelo TA. Where does the time go? Enhancing first year pharmacy student self-awareness with time-logging. PharmAlliance Education Symposium, Chapel Hill, North Carolina, November 2016.
21. **Zeeman JM**[^], Bush AA[^]. Mapping co-curricular experiences. PharmAlliance Education Symposium, Chapel Hill, North Carolina, November 2016.
22. **Zeeman JM**[^], Angelo TA[^]. Curricular mapping. PharmAlliance Education Symposium, Chapel Hill, North Carolina, November 2016.
23. **Zeeman JM**[^]. Hutchinson-Gilford Progeria syndrome emerging treatments. 1.0 hour ACPE Continuing Education Presentation, Le Bonheur Children's Hospital Department of Pharmacy, Memphis, Tennessee, June 2015.
24. **Zeeman JM**[^], Kirkpatrick KO, Rafferty A, Sutherland SE, Denslow SA. Efficacy of IV acetaminophen compared to IV ketorolac for post-operative pain management in women's gynecological surgery patients. Invited Platform Presentation, 3rd Annual UNC Eshelman School of Pharmacy Research Day, Chapel Hill, North Carolina, April 2014.
25. Moore JM[^], Bernstein A[^], Brown P[^], Guidotti M[^], **Zeeman JM**[^]. What does curricular transformation mean to you? Inaugural Educational Renaissance Symposium: Toward a Curricular Transformation, UNC Eshelman School of Pharmacy, Chapel Hill, North Carolina, December 2012.

TEACHING EXPERIENCE

Course Director:

PHCY 737: Leadership and Professional Development II

Fall 2020 – Present

Required 1.0 credit hour course for Professional Year 3 students

UNC Eshelman School of Pharmacy

Fall 2024: 129 students

Fall 2023: 145 students

Fall 2022: 119 students

Fall 2021: 155 students

Fall 2020: 136 students

PHCY 700: SHAC: Community Outreach and Service Learning

Fall 2018 – Spring 2022

Elective 0.0 credit hour service-learning course for Professional Year 1-4 students

UNC Eshelman School of Pharmacy

Spring 2022: 126 students

Fall 2021: 93 students

Summer 2021: 58 students

Spring 2021: 112 students

Fall 2020: 34 students

Summer 2020: 41 students

Spring 2020: 146 students

Fall 2019: 102 students

Summer 2019: 59 students

Spring 2019: 132 students

Fall 2018: 105 students

Lecturer:

Honors 201: College, Careers & Honors Carolina Life, Part II

Required 1.5 credit hour course for Honors Carolina sophomore undergraduate students

“Career Story Talk” (0.5 contact hours)

University of North Carolina at Chapel Hill (UNC)

Spring 2024: 50 students

Spring 2024

PHCY 850: Pharmacy Internship and Career Development

Elective 1.5 credit hour course for Professional Year 3 students

“Networking and Mentoring” (2.0 contact hours)

UNC Eshelman School of Pharmacy

Summer 2024: 6 students

Summer 2023: 14 students

Summer 2022: 6 students; recognized as an *Instructor Worthy of Recognition*

Summer 2021: 14 students; recognized as an *Instructor Worthy of Recognition*

Summer 2021 – Present

PHCY 737: Leadership and Professional Development II

Required 1.0 credit hour course for Professional Year 3 students

“Strengths-based Leadership and Team Dynamics” (4.0 contact hours, Fall 2022 – Present)

“Forming and Sustaining Effective Teams” (4.0 contact hours, Fall 2022 – Present)

“Using Feedback to Lead Effective Teams” (4.0 contact hours, Fall 2020 – Present)

UNC Eshelman School of Pharmacy

Fall 2024: 129 students

Fall 2023: 145 students; recognized as an *Instructor Worthy of Recognition*

Fall 2022: 119 students; recognized as an *Instructor Worthy of Recognition*

Fall 2021: 155 students; recognized as an *Instructor Worthy of Recognition*

Fall 2020: 136 students; recognized as an *Instructor Worthy of Recognition*

Fall 2020 – Present

PACE 815: Evaluation Research and Project Design

Required 3.0 credit hour course for Graduate Year 1 students

“Using Mixed Methods in Pharmacy Research” (3.0 contact hours)

UNC Eshelman School of Pharmacy

Fall 2023: 20 students recognized as an *Instructor Worthy of Recognition*

Fall 2022: 19 students; recognized as an *Instructor Worthy of Recognition*

Fall 2021: 14 students; recognized as an *Instructor Worthy of Recognition*

Fall 2020: 14 students; recognized as an *Instructor Worthy of Recognition*

Fall 2019: 15 students; recognized as an *Instructor Worthy of Recognition*

Fall 2018: 10 students

Fall 2017: 9 students; recognized as an *Instructor Worthy of Recognition*

Fall 2016: 10 students

Fall 2016 – Present

PHCY 500: Pharmacy Bridging Course

Required 3.0 credit hour course for Professional Year 1 students

“Odds Ratios and Relative Risk” (1.0 contact hour, Fall 2016 – Present)

“Time Use and Study Habits” (1.0 contact hour, Fall 2016 – Fall 2017)

UNC Eshelman School of Pharmacy

Fall 2023: 144 students; recognized as an *Instructor Worthy of Recognition*

Fall 2022: 139 students; recognized as an *Instructor Worthy of Recognition*

Fall 2021: 144 students; recognized as an *Instructor Worthy of Recognition*

Fall 2020: 124 students; recognized as an *Instructor Worthy of Recognition*

Fall 2019: 160 students; recognized as an *Instructor Worthy of Recognition*

Fall 2018: 145 students; recognized as an *Instructor Worthy of Recognition*

Fall 2017: 155 students

Fall 2016: 147 students

Fall 2016 – Present

Pharmacy Residency Teaching & Learning Certificate Program

Required seminar workshop for PGY1 and PGY2 pharmacy residents

“Course Development: An Overview from A to Z” (2.0 contact hours)

Duke University Hospital

Fall 2021: 10 residents

Fall 2016 – Fall 2021

Fall 2020: 11 residents
Fall 2019: 8 residents
Fall 2018: 6 residents
Fall 2017: 6 residents
Fall 2016: 6 residents

PHCY 733: Integrated Pharmacotherapy III

Spring 2020

Required 5.0 credit hour course for Pharmacy Year 3 students

Pediatric Drug Overdose Pharmacotherapy Case Content Expert (4.0 contact hours)

UNC Eshelman School of Pharmacy

Spring 2020: 155 students

PHCY 636: Leadership and Professional Development I

Spring 2017

Required 2.0 credit hour course for Professional Year 2 students

“Time Management & Delegation: Preliminary Time Use Results” (1.0 contact hour)

UNC Eshelman School of Pharmacy

Spring 2017: 147 students

PHCY 501: On Becoming a Pharmacist

Fall 2015

Required 2.0 credit hour course for Professional Year 1 students

“Time Use and Study Habits” (1.0 contact hour)

UNC Eshelman School of Pharmacy

Fall 2015: 152 students

PHCY 347: Pediatrics Elective

Spring 2015

Elective 2.0 credit hour course for Professional Year 3 students

“Nonprescription Medications in Pediatrics” (1.5 contact hours)

University of Tennessee Health Science Center College of Pharmacy

Spring 2015: 45 students

PHCY 316: Medication Therapy Management

Fall 2014

Required 3.0 credit hour course for Professional Year 2 students

“A Pharmacist’s Role in Pediatric MTM” (4.0 contact hours)

University of Tennessee Health Science Center College of Pharmacy

Fall 2014: 165 students

Small Group Facilitator:

PHCY 617: Patient Care Experience 1

Fall 2018 – Present

Required 2.0 credit hour course for Professional Year 2 students

UNC Eshelman School of Pharmacy

Fall 2024: 12 students (1.5 contact hours/week)

Fall 2023: 11 students (1.5 contact hours/week); recognized as a *Facilitator Worthy of Recognition*

➤ first semester of School-wide implemented *Facilitator* review criteria

Fall 2022: 11 students (1.5 contact hours/week)

Fall 2021: 10 students (1.0 contact hours/week)

Fall 2019: 13 students (1.0 contact hours/week)

Fall 2018: 13 students (1.5 contact hours/week)

PHCY 718: Patient Care Experience 2

Spring 2018 – Present

Required 2.0 credit hour course for Professional Year 3 students (1.0 contact hour/week)

UNC Eshelman School of Pharmacy

Spring 2024: 11 students; recognized as a *Facilitator Worthy of Recognition*

Spring 2023: 10 students; recognized as a *Facilitator Worthy of Recognition*

➤ first semester of School-wide implemented *Facilitator* review criteria

Spring 2022: 11 students

Spring 2021: 12 students

Spring 2018: 12 students

<p>PHCY 504: Evidence-Based Practice <i>Required 3.0 credit hour course for Professional Year 1 students</i> UNC Eshelman School of Pharmacy Fall 2020: 8 students (2.0 contact hours) Fall 2016: 35 students (1.0 contact hour/week) Fall 2015: 18 students (1.0 contact hour/week)</p>	<p>Fall 2015 – Fall 2020</p>
<p>PHCY 631: Integrated Pharmacotherapy I <i>Required 5.0 credit hour course for Professional Year 2 students (4.0 contact hours/week)</i> UNC Eshelman School of Pharmacy Spring 2020: 23 students Spring 2019: 23 students</p>	<p>Spring 2019 – Spring 2020</p>
<p>PHCY 732: Integrated Pharmacotherapy II <i>Required 5.0 credit hour course for Professional Year 3 students (2.0 contact hours/week)</i> UNC Eshelman School of Pharmacy Fall 2019: 12 students</p>	<p>Fall 2019</p>
<p>PHCY 450: Problems in Pharmacotherapy <i>Required 5.0 credit hour course for Professional Year 3 students (3.0 contact hours/week)</i> UNC Eshelman School of Pharmacy Spring 2017: 11 students Spring 2016: 12 students</p>	<p>Spring 2016 – Spring 2017</p>
<p>PHCY 343: Applied Therapeutics 1 <i>Required 2.0 credit hour course for Professional Year 2 students (2.0 contact hours/week)</i> University of Tennessee Health Science Center College of Pharmacy Spring 2015: 6 students</p>	<p>Spring 2015</p>
<p>PHCY 122: Introduction to Patient Care <i>Required 2.0 credit hour course for Professional Year 1 students (2.0 contact hours/week)</i> University of Tennessee Health Science Center College of Pharmacy Spring 2015: 4 students</p>	<p>Spring 2015</p>
<p>PHCY 443: Applied Therapeutics 2 <i>Required 2.0 credit hour course for Professional Year 3 students (2.0 contact hours/week)</i> University of Tennessee Health Science Center College of Pharmacy Fall 2014: 5 students</p>	<p>Fall 2014</p>
<p>PHCY 112: Introduction to Patient Care <i>Required 2.0 credit hour course for Professional Year 1 students (2.0 contact hours/week)</i> University of Tennessee Health Science Center College of Pharmacy Fall 2014: 3 students</p>	<p>Fall 2014</p>
<p><i>Instructor:</i></p>	
<p>PHCY 726: Research and Scholarship in Pharmacy (RASP) III <i>Elective 3.0 credit hour course for Pharmacy Year 3 students</i> UNC Eshelman School of Pharmacy Spring 2024: 1 student (1.0 contact hour/week) Spring 2023: 2 students (1.0 contact hour/week) Spring 2022: 3 students (2.0 contact hours/week) Spring 2021: 1 student (1.0 contact hour/week)</p>	<p>Spring 2021 – Present</p>
<p>PHCY 725: Research and Scholarship in Pharmacy (RASP) II <i>Elective 1.5 credit hour course for Pharmacy Year 3 students</i> UNC Eshelman School of Pharmacy Fall 2024: 2 students (2.0 contact hours/week) Fall 2023: 1 student (1.0 contact hour/week) Fall 2022: 2 students (1.0 contact hour/week)</p>	<p>Fall 2020 – Present</p>

Fall 2021: 3 students (2.0 contact hours/week)
Fall 2020: 1 student (1.0 contact hour/week)

PHCY 624: Research and Scholarship in Pharmacy (RASP) I

Spring 2020 – Present

Elective 1.5 credit hour course for Pharmacy Year 2 students

UNC Eshelman School of Pharmacy

Spring 2024: 2 students (2.0 contact hours/week)
Spring 2023: 1 student (1.0 contact hour/week)
Spring 2022: 2 students (1.0 contact hour/week)
Spring 2021: 3 students (2.0 contact hours/week)
Spring 2020: 1 student (1.0 contact hour/week)

Primary Preceptor:

PHCY 430: General Pediatrics

May 2015

Required advanced pharmacy practice experience for Professional Year 3 and Year 4 students

Le Bonheur Children's Hospital

May 2015: 2 students

PHCY 440: Pediatric Parenteral Nutrition

February 2015

Required advanced pharmacy practice experience for Professional Year 3 and Year 4 students

Le Bonheur Children's Hospital

February 2015: 2 students

Co-Preceptor:

Pediatric Pharmacy Clinical Staffing

January 2016 – Present

Required longitudinal experience for PGY2 Pediatric and PGY2 Health System Administration residents

Duke University Children's Hospital

July 2023 – Present: 2 residents
July 2022 – June 2023: 2 residents
July 2021 – June 2022: 2 residents
July 2020 – June 2021: 1 resident
July 2019 – June 2020: 2 residents
July 2018 – June 2019 : 2 residents
July 2017 – June 2018: 2 residents
July 2016 – June 2017: 3 residents
January 2016 – June 2016: 2 residents

PHCY 414: Pediatric Infectious Disease

March 2015

Required advanced pharmacy practice experience for Professional Year 3 and Year 4 students

Le Bonheur Children's Hospital

March 2015: 3 students

PHCY 420: Pediatric Emergency Medicine

January 2015

Required advanced pharmacy practice experience for Professional Year 3 and Year 4 students

Le Bonheur Children's Hospital

January 2015: 1 student

PHCY 440: Pediatric Parenteral Nutrition

September 2014

Required advanced pharmacy practice experience for Professional Year 3 and Year 4 students

Le Bonheur Children's Hospital

September 2014: 3 students

Mentorship Activity:

Mentor, Research and Scholarship in Pharmacy

UNC Eshelman School of Pharmacy

Chandler Chapman PharmD Candidate, Class of 2026	October 2023 – Present
Cassidy Kurita PharmD Candidate, Class of 2026	October 2023 – Present
Emma Smits PharmD Candidate, Class of 2025	October 2022 – Present
Emili Anderson PharmD Candidate, Class of 2024	October 2021 – May 2024
Isabel Matt PharmD Candidate, Class of 2024	October 2021 – May 2024
Tia Belvin PharmD Candidate, Class of 2023	October 2020 – May 2023
Akina Nana PharmD Candidate, Class of 2023	October 2020 – May 2023
Emily Pickering PharmD Candidate, Class of 2023	October 2020 – May 2023
Hannah Bensky PharmD Candidate, Class of 2022	October 2019 – May 2022

Mentor, Master of Science Thesis Committee

UNC Eshelman School of Pharmacy

Autumn E. Peterson, PharmD, MPH	December 2019 – May 2021
Thesis: “Development of a System-Wide Operational Weighted Workload Model at the University of North Carolina Health”	
Master of Science in Pharmacy Administration and Leadership	
Health-System Pharmacy Administration and Leadership Residency Program	
UNC Medical Center	

Mentor, Teaching and Learning Certificate Program

UNC Eshelman School of Pharmacy

Kristin Smith, PharmD PGY1 Pharmacy Resident, Durham VA Health Care System	September 2018 – May 2019
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Mentor, Professional Work Experience Practicum

Masters of Public Administration (MPA) Program, UNC School of Government

Jennifer M. Fox, BA MPA Candidate, UNC School of Government	May 2018 – August 2018
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Advising Activity:

PharmD Faculty Advising

UNC Eshelman School of Pharmacy

August 2018 – Present

<u>Class of 2027</u>	<u>Class of 2024</u>
Andrea Mesa	Alana Bergeron
Anna Miller	Sara Bosek
Ethan Hatfield	Gabrielle Flynn
Katelyn Stark	Hannah Green
Lindsay Seldal	Reanna Jereb
Mackenzie Kremer	Hailey Kemp
Noelle Amiry	Daminica Ryan
Ryan Le	Kathryn Ryan
Sarah Fee	Sahaana Veeravalli
Xiangning Li	Autumn Ward

<u>Class of 2023</u>	<u>Class of 2022</u>
Ashley Gleaton	Jess Bacchicheti
Suzan Gomes	Viraj Barot
Noora Hashim	Claudia Kennedy
Jessica Miller	Taek Lee
Haley Mun	Emily Meggs
Truc Pham	Sarah Mouna
Matthew Spinello	Malik Reeves
Jacob Stroud	Claire Salisbury
Sunny Zhou	Sarah Wise
	Audrey Kalai Wong

Student Health Action Coalition (SHAC) Pharmacy Faculty Advising

August 2018 – May 2022

UNC Eshelman School of Pharmacy

2021 – 2022 Leadership Team

Kiara Bautista
Jonathan Boucher
Kennedy Concannon
Robyn Dryer
Belyin Gutierrez
Grace Liu
Paula Paseiro Nunez
Kendall Tavares
Sahaana Veeravalli
Donna Wesslen
Jennie Wilson
Stephanie Zhang
Jennifer Zhao

2020 – 2021 Leadership Team

Kennedy Concannon
Aliyah Cruz
Robyn Dryer
Belyin Gutierrez
Grace Liu
Alec Martschenko
Meghan Peterson
Neel Swammy
Hawi Tasissa
Pamela Vega
Jennie Wilson
Stephanie Zhang

2019 – 2020 Leadership Team

Morgan Bowling
Aliyah Cruz
Stephanie Kim
Akshara Kumar
Susan Ngo
Meghan Peterson
Sarah Steedman
Neel Swammy
Hawi Tasissa
Kaitlyn Van Peursem
Pamela Vega

2018 – 2019 Leadership Team

Morgan Bowling
Ashley Buige
Stephanie Kim
Christine Ko
Akshara Kumar
Sue Liu
Susan Ngo
Carolyn Rath
Jessica Stickel
Kaitlyn Van Peursem
Shengmei Yin

GRANTS

Funded:

Use of an observer-based assessment measuring individual interprofessional competency July 2022 – October 2023
Sponsor: American Association of Colleges of Pharmacy (AACP) Scholarship of Teaching and Learning (SOTL) Grant
Role: Co-Investigator
Total Funding: \$4,000

Better Together: Evaluating the Me and We Competencies in Interprofessional Teams March 2021 – August 2022
Sponsor: American Association of Colleges of Pharmacy (AACP) New Investigator Award
Role: Primary Investigator
Total Funding: \$8,750

Development of a System-wide Operational Weighted Workload Model January 2021 – July 2022
Sponsor: American Society of Health System Pharmacists (ASHP) Resident Research Grant
Role: Senior Investigator and Faculty Mentor (PI: Petersen AE)
Total Funding Awarded: \$5,000

Valuing our People: Promoting Staff Development to Establish a Culture of Workplace Engagement June 2018 – April 2020
Sponsor: Eshelman Institute for Innovation
Role: Co-Innovator and Faculty Mentor (PI: Fox JM)
Total Funding: \$6,500

Escape the Norm: Escape Rooms for Learner Engagement and Collaboration January 2018 – April 2020
Sponsor: Eshelman Institute for Innovation
Role: Co-Collaborator (PI: Wolcott MD)
Total Funding: \$25,000

PROFESSIONAL SERVICE

National:

American Association of Colleges of Pharmacy (AACP)	
• Member	2012 – Present
• Member, Assessment Special Interest Group (SIG)	2015 – Present
○ Elected Chair, Assessment SIG	2024 – Present
○ Appointed Member, Assessment SIG Executive Committee	2019 – Present
○ Reviewer, Assessment SIG Collaborative Publication Award	2023
○ Appointed Chair, Assessment SIG Strategic Initiative Committee	2019 – 2021
• Member, Council of Faculties Emerging Teaching Scholars Committee	2023 – Present
• Member, Council of Sections New Investigator Award (NIA) Rubric Committee	2023 – Present
• Member, Curriculum Special Interest Group	2015 – Present
• Institutional Research and Assessment Committee	2018 – 2021
○ Appointed Chair, Institutional Research and Assessment Committee	2020 – 2021
○ Appointed Member, Institutional Research and Assessment Committee	2018 – 2020
• Volunteer, AACP Annual Meeting Room Monitor	2019
• Appointed Member, Professional Affairs Standing Committee	2017 – 2018
• Appointed Member, Student Affairs Standing Committee	2016 – 2017
• Member, Leadership Development Special Interest Group	2015 – 2017

Pediatric Pharmacy Advocacy Group (PPAG)

• Member	2015 – 2020
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American Society of Health-System Pharmacists (ASHP)

• Member	2010 – 2019
• Member, Tennessee Society of Health-System Pharmacists (TSHP)	2014 – 2015

American College of Clinical Pharmacy (ACCP)

• Member	2012 – 2018
• Member, Mid-South College of Clinical Pharmacy (MSCCP)	2014 – 2015
• Member, Triangle College of Clinical Pharmacy Student Chapter (TCCP-SC)	2010 – 2013

American Pharmacists Association (APhA)

• Member	2010 – 2014
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University/Institution:

University of North Carolina at Chapel Hill (UNC)

• Elected Member, Faculty Council	2022 – Present
• Facilitator, Relational Leadership at Carolina (RL@Carolina)	2021 – Present
• Assessment Lead, UNC Provost's Office of Interprofessional Education and Practice	2020 – Present

UNC Eshelman School of Pharmacy

• Member, PACE Division Chair Search Committee	2024 – Present
• Curriculum and Assessment Committees	2015 – Present
○ Chair, Leadership and Professional Development Course Stream Subcommittee	2023 – Present
○ Member, Curriculum and Assessment Committee	2023 – Present
○ Co-Chair, Curriculum and Assessment Committee	2021 – 2023
○ Member, Leadership and Professional Development Course Stream	2018 – 2023
○ Member, Curriculum Sustainability Taskforce	2021 – 2022
○ Vice Chair, Curriculum and Assessment Committee	2019 – 2021
○ Vice Chair, Curriculum Implementation and Assessment Committee	2018 – 2019
○ Member, Curricular Transformation Steering Committee (CTSC)	2015 – 2017
▪ Member, Capstone Working Group	2016 – 2017
▪ Member, Curricular Mapping Working Group	2016 – 2017
▪ Member, Co-Curricular Working Group	2015 – 2016

- Member, Assessment Committee 2015 – 2017
 - Member, Peer Review of Exam Questions Working Group 2016 – 2017
- Member, Curriculum Committee 2015 – 2017
- 2021-2026 PACE Strategic Plan 2021 – Present
 - Member, Culture Working Group 2024 – Present
 - Co-Chair, Culture Initiative 2022 – 2023
 - Member, PACE Retreat Planning Committee 2022 – 2023
 - Member, PACE Strategic Planning Committee 2021
- Member, Interprofessional Education and Practice (IPEP) Advisory Committee 2019 – Present
- Coach, Instructional Coaching Program 2019 – Present
- Faculty Advisor, PharmD Student Advising Program 2018 – Present
 - PharmD Class of 2027 2023 – Present
 - PharmD Class of 2024 2020 – 2024
 - PharmD Class of 2023 2019 – 2023
 - PharmD Class of 2022 2018 – 2022
- Co-Chair, PharmD Educational Renaissance Symposium 2020, 2023
- Reviewer, Phi Lambda Sigma (PLS) Student Leadership Award 2023
- Member, Well-Being Committee 2019 – 2022
 - Lead, Assessment Working Group 2019 – 2021
 - Lead, Assess Working Group, Resiliency and Well-Being Task Force 2018 – 2019
- Faculty Advisor, Student Health Action Coalition (SHAC) Pharmacy 2018 – 2022
- Member, Office of Strategic Planning and Assessment Director Search Committee 2020
- Member, Office of Strategic Planning and Assessment Data Analyst Search Committee 2019 – 2020
- Member, ACPE Reaccreditation Self-Study Steering Committee 2018 – 2020
 - Member, ACPE Reaccreditation Self-Study Standards 24 and 25 Working Group 2018 – 2020
- Member, Recruitment and Admissions Committee 2018 – 2020
- Member, Assistant Professor/Director of Educational Development Search Committee 2019
- Member, Collaborative Review of Teaching Taskforce 2019
- Member, Pharmacy Education Research Community 2015 – 2018
- Member, Admissions Committee 2015 – 2018
- Co-Advisor, Student Senate 2016 – 2017
- Member, Director of the Office of Curricular and Student Affairs Search Committee 2016 – 2017
- Member, Registrar and Student Affairs Manager Search Committee 2016
- Member, Dean’s Student Executive Advisory Committee 2012 – 2014
- Member, University Administrative Officer Review Committee 2013
- Member, Scholar Identification and Selection Committee 2012
- Member, Family Day Committee 2011 – 2012
- Member, White Coat Committee 2011 – 2012
- Member, ACPE Reaccreditation Self-Study Student Panel 2011

University of Tennessee Health Science Center (UTHSC) College of Pharmacy

- Member, Assessment Committee 2014 – 2015
- Member, Curricular Integration Committee 2014 – 2015
- Member, Curriculum Committee 2014 – 2015
- Participant, ACPE Reaccreditation Self-Study 2014

Le Bonheur Children’s Hospital

- Member, Medication Safety Committee 2014 – 2015
- Member, Pharmacy and Therapeutics Committee 2014 – 2015

State:

North Carolina Association of Pharmacists (NCAP)

- Member 2010 – Present

Memphis Area Pharmacists Society (MAPS)

- Member

2014 – 2015

Consultations:

NIH NHLBI R13 Funded Conference

2022 – 2023

Touro College of Pharmacy

2019

North Carolina Board of Pharmacy

2018 – 2019

Peer-Review Journal Service:

Academic Medicine, Reviewer

American Journal of Pharmaceutical Education, Reviewer

BMC Medical Education, Reviewer

Canadian Journal of Higher Education, Reviewer, in collaboration with UNC Faculty

College Teaching, Reviewer, in collaboration with UNC Faculty

Currents in Pharmacy Teaching and Learning, Reviewer

Educational Psychology Review, Reviewer, in collaboration with UNC Faculty

Innovations in Pharmacy, Reviewer

Journal of Interprofessional Education & Practice, Reviewer

Medical Education, Reviewer, in collaboration with UNC Faculty

Medical Education Online, Reviewer

Journal of Pediatric Pharmacology and Therapeutics, Reviewer, in collaboration with UTHSC Faculty

PLOS One, Reviewer