

Betsy Lynn Sleath

Abbreviated curriculum vitae for website

EDUCATION:

University of Wisconsin-Madison	Ph.D.	1993	Pharmacy and Sociology
PhD minor: epidemiology			
University of Wisconsin-Madison	M.S.	1990	Pharmacy
University of Connecticut	B.S.	1988	Pharmacy
University of Connecticut	B.A.	1988	Sociology

Leadership Education:

Academic Leadership Program, University of North Carolina at Chapel Hill. 2016-2017.

Center for Creative Leadership Development Program, Greensboro, NC. Completed October 3-7, 2016.

Academy for Academic Leadership - Chairs and Academic Administrators Management Program (CAAMP) March 17-21, 2010

POSITIONS HELD

1/21-Present	Regional Associate Dean, Eastern North Carolina, UNC Eshelman School of Pharmacy, University of North Carolina at Chapel Hill
1/14-Present	Director of the Child and Adolescent Health Program, Cecil G Sheps Center for Health Services Research
11/10-12/20	Chair, Division of Pharmaceutical Outcomes and Policy, UNC Eshelman School of Pharmacy, University of North Carolina at Chapel Hill
11/10-Present	George H. Cocolas Distinguished Professor, Pharmaceutical Outcomes and Policy, UNC Eshelman School of Pharmacy, University of North Carolina at Chapel Hill
11/17-12/17	Visiting Staff, Monash University, Melbourne, Australia
9/17-10/17	Visiting Fellow, Trinity College, Dublin, Ireland

Honors and Awards

2019	Recipient of the UCONN School of Pharmacy Distinguished Alumna Award
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- 2018 Recipient of the Research Achievement Award in the Pharmaceutical Sciences from the American Pharmacists Association
- 2008 Inducted as a fellow into the American Pharmacists Association
- July 2007 Appointed to the Food and Drug Administration's Risk Communication Expert Advisory Committee

PUBLICATIONS

Peer-reviewed (most recent out of more than 175)

Sleath B, Carpenter D, Davis SA, Garcia N, Reuland DS, Tudor G, Loughlin CE. Adolescent asthma management self-efficacy and responsibility: impact on asthma control and quality-of-life. *J Asthma*. 2022 Mar 29;1-8. doi: 10.1080/02770903.2022.2051541. Online ahead of print. PMID: 35286174

Davis SA, Beznos B, Carpenter DM, Tudor G, Garcia N, Sleath B. Trends in adolescent asthma responsibility over a 12-month study period. *J Adolesc Health*. 2022 Mar;70(3):478-482. doi: 10.1016/j.jadohealth.2021.10.008. Epub 2021 Nov 22. PMID: 34823985

Hickson R, Kucharska-Newton AM, Rodgers JE, Sleath B, Fang G. Disparities by sex in P2Y₁₂ inhibitor therapy duration, or differences in the balance of ischaemic-benefit and bleeding-risk clinical outcomes in older women versus comparable men following acute myocardial infarction? A P2Y₁₂ inhibitor new user retrospective cohort analysis of US Medicare claims data. *BMJ Open*. 2021 Dec 1;11(12):e050236. doi: 10.1136/bmjopen-2021-050236.

Goncalves JR, Sleath B, Lopes MJ, Cavaco AM. Prescribing-Assessment Tools for Long-Term Care Pharmacy Practice: Reaching Consensus through a Modified RAND/UCLA Appropriateness Method. *Pharmacy* 2021, 9, 194. Pages 1-15. <https://doi.org/10.3390/pharmacy9040194>

Beznos B, Sayner R, Carpenter DM, Davis SA, Lee C, Loughlin CE, Pepper JK, Garcia N, Tudor G, Sleath B. Communication about adolescent and caregiver smoking and vaping during pediatric asthma visits: implications for providers. *J Pediatr Health Care*. 2021 Jul-Aug;35(4):401-407. doi: 10.1016/j.pedhc.2021.02.004. Epub 2021 May 28. PMID: 34059406

Davis SA, Coyne I, Carpenter DM, Thomas KC, Lee C, Garcia N, Sleath B. Adolescent Preferences Regarding a Web Site to Empower Adolescents to Talk With Their Healthcare Providers. *J Adolesc Health*. 2021 Mar;68(3):629-631. doi: 10.1016/j.jadohealth.2020.06.032. Epub 2020 Jul 23. PMID: 32713739

Pembroke S, Roche EF, Sleath B, Brenner M, Hilliard C, Cody D, Coyne I. Developing a video intervention to improve youth question-asking and provider education during paediatric clinic encounters: The Promoting Adolescents Communication and Engagement study. *Patient Educ Couns*. 2021 Sep;104(9):2170-2176. doi: 10.1016/j.pec.2021.02.021. Epub 2021 Feb 11. PMID: 33640232

Gonçalves JR, Ramalhinho I, Sleath BL, Lopes MJ, Cavaco AM. Probing pharmacists' interventions in long-term care: a systemic review. *Eur Geriatr Med*. 2021 Aug;12(4):673-693. doi: 10.1007/s41999-021-00469-5. Epub 2021 Mar 20. PMID: 33743169 Review.

Sleath B, Carpenter DM, Davis SA, Sayner R, Lee C, Loughlin CE, Garcia N, Reuland DS, Tudor G. Provider-adolescent discussion and provider education about asthma triggers during pediatric visits: results of a randomized trial. *J Asthma*. 2021 Dec;58(12):1565-1573. doi: 10.1080/02770903.2020.1817936. Epub 2020 Sep 23. PMID: 32867560

Davis SA, Beznos B, Carpenter DM, Tudor G, Garcia N, Sleath B. Trends in Adolescent Asthma Responsibility Over a 12-Month Study Period. *J Adolesc Health*. 2021 Nov 22:S1054-139X(21)00501-2. doi: 10.1016/j.jadohealth.2021.10.008. Online ahead of print. PMID: 34823985

Sleath B, Davis S, Carpenter D, Robin A, Muir K, Garcia N, Budenz D. Increasing engagement of African American patients with glaucoma during medical encounters: creation of pre-visit video. *Optometry and Vision Science*. 2020 Jul;97(7):503-508. PMID:32697557.

Clark H, Carpenter D, Walsh K, Davis SA, Garcia N, Sleath B. Medication errors in adolescents using asthma controller medications. *Glob Pediatr Health*. 2020 Dec 14;7:2333794X20981341. doi: 10.1177/2333794X20981341. eCollection 2020. PMID: 33403224.

Parry RA, Sayner R, Davis SA, Beznos BY, Carpenter DM, Sleath BL. Communication about contraception with adolescent females with asthma in pediatric visits. *J Pediatr Adolesc Gynecol*. 2020. Aug. 33(4):372-376. doi:10.1016/j.jpag.2020.02.005. Epub 2020 Feb 19. PMID 32087401.

Gilmartin-Thomas JFM, Sleath B, Cooper Bailey S, Carpenter DM, Chater A, MacAllister C, Pyzik O, Wayman B, Annis IE, Smith F. Preparing pharmacy students to communicate effectively with adolescents. *Int J Pharm Pract*. 2020 Apr 28(2) 134-141. PubMed PMID: 31576626.

Sleath B, Carpenter D, Davis S, Lee C, Garcia N, Reuland D, Tudor, Loughlin C. The impact of a question prompt list and video intervention on teen asthma control and quality-of-life one year later: results of a randomized controlled trial. *Journal of Asthma*. 2020 Sep;57(9):1029-1038. PMID: 31311361.

Hale KL, Wallace DD, Blanco-Duran, Annis I, Guzman LE, Farcia SJ, Perez Jolles M, Sleath BL, Elwyn G, Stein GL, Thomas KC. Conversations between Latina mothers and their child's mental health provider an observational study of shared decision-making regarding pediatric patient mental health needs. Patient Education and Counseling. 2020 Jan;103(1):96-102. PMID: 31447200.

Khairat S, Tirtanadi K, Ottmar P, Sleath B, Obeid J. Evaluating the perceptions of teleconsent in urban and rural communities. Eur J Biomed Inform. 2019 Aug;15(2):<https://www.ejbi.org/abstract/evaluating-the-perceptions-of-teleconsent-in-urban-and-rural-communities-5201.html>. Epub 2019 Jul 5. PMID: 32802171.

Sleath B. Improving youth confidence in using asthma devices correctly: an important step toward improving health outcomes. J Allergy Clin Immunol Pract. 2019 July-Aug 7 (6):2031-2032. PMID: 31279469.

Sleath B, Carpenter D, Sayner R, Davis S, Lee C, Loughlin C, Garcia N, Reuland D, Tudor G. Questions and reported medication problems from pediatric patients and caregivers after intervention. Am J Health-Sys Pharm. 2019 Feb 21. 76(6), 366-373. PMID: 31361837.

Steeb DR(1), Urick BY(2), Sleath BL(3), Joyner PU(4). Institutional factors associated with global health education across US pharmacy schools. Curr Pharm Teach Learn. 2019 Aug;11(8):767-773. doi: 10.1016/j.cptl.2019.04.004. Epub 2019 Apr 24. PMID: 31227191.

Willis Z, Sayner R, Carpenter D, Sleath B. Discussions about antibiotics during adolescent asthma visits.: implications for providers. Clinical Pediatrics, 2019 May; 58(5):564-570. PMID: 30782003.

Davis S, Carpenter D, Lee C, Garcia N, Loughlin C, Tudor G, Sleath B. Effect of an asthma question prompt list and video intervention on adolescents' medication adherence 12 months later. The Annals of Pharmacotherapy, 2019. Jul;53(7):683-689. PMID: 30758220.

Davis S, Carpenter D, Budenz D, Blalock S, Muir K, Sleath B. Glaucoma patient preferences for video education on eye drop technique. Optometry and Vision Science. 2019 May; 96(5):325-330. PMID: 31046014.

Davis S, Brown R, Sayner R, Carpenter D, Reuland D, Tudor G, Loughlin C, Garcia N, Sleath B. Do youth ask asthma providers the questions they want to ask? The Journal of Allergy and Clinical Immunology: 2019 Feb. Epub ahead of print. PMID: 30776525.

Davis SA, Carpenter DM, Blalock SJ, Budenz DL, LeeC, Muir KW, Robil AL, Sleath B. A randomized controlled trial of an online educational video intervention to improve

glaucoma eye drop technique, Patient Educ Couns. 2019 May; 102 (5):937-943. PMID:30583913.

Sleath B, Carpenter DM, Walsh KE, Davis SA, Hayes Watson C, Lee C, Loughlin CE, Garcia N, Reuland DS, Tudor G. Factors associated with adolescent and caregiver reported problems in using asthma medications, J Asthma. 2019 Apr 56(4):451-457. PMID: 29668340.

Roberts C, Sage A, Geryk L, Sleath B, Carpenter D. Adolescent preferences and design recommendations for an asthma self-management app: a mixed-methods study. JMIR Form Res. 2018 Sep 13;2(2):e10055. Doi: 10.2196/10055. PMID: 30684424.

Arabyat RM, Borrego M, Hamidovic A, Sleath B, Raisch DW. The impact of a theory-based web-intervention on the intention to use prescription drugs for non-medical purposes among college students: a randomized controlled trial. Health Education Research. 2018 Dec 24 doi: 10.1093/her/cyy047. PMID:30590472.

Khairat, S, Ottmar P, Sleath B, Welch B, Qanungo S, Nichols M, Obeid JS. Facilitating the Informed Consent Process Using Teleconsent: Protocol for a Feasibility and Efficacy Study. JMIR Research Protoc. 2018; Oct 17; 7(1) e11239. doi:10.2196/11239. PMID:30333095.

Sleath B, Gratie D, Carpenter DM, Davis SA, Lee C, Loughlin CE, Garcia N, Reuland DS, Tudor G. Reported Problems and Adherence in Using Asthma Medications Among Adolescents and Their Caregivers. Ann Pharmacother. 2018; Sep; 52(9):855-861. PMID: 29592540

Sleath B, Carpenter DM, Coyne I, Davis SA, Watson CH, Loughlin CE, Garcia N, Reuland DS, Tudor G. Provider use of a participatory decision-making style with youth and caregivers and satisfaction with pediatric asthma visits. Patient Relat Outcome Meas. 2018 May 10, 9:147-154. PMID: 29785146

Sleath B, Carpenter DM, Davis SA, Watson CH, Lee C, Loughlin CE, Garcia N, Reuland DS, Tudor G. Improving youth question-asking and provider education during pediatric asthma visits. Patient Educ Couns. 2018 Jun;101(6):1051-1057. PMID:29402570

Halladay JR, Donahue KE, Sleath B, Reuland D, Black A, Mitchell CM, Breland CE, Coyne-Beasley T, Mottus K, Watson SN, Lewis V, Wynn M, Corbie-Smith G. Community advisory boards guiding engaged research efforts within a clinical translational sciences award: key contextual factors explored. Prog Community Health Partnersh. 2017;11(4):367-377. PMID: 29332850

Shah PD, Calo WA, Marciniak MW, Golin CE, Sleath BL, Brewer NT. Service quality and parents' willingness to get adolescents HPV vaccine from pharmacists. Prev Med. 2018 Apr; 109:106-112. PMID: 29330033

Slota C, Davis SA, Blalock SJ, Carpenter DM, Muir KW, Robin AL, Sleath B. Patient-physician communication on medication cost during glaucoma visits. Optom Vis Sci. 2017 Dec;94(12):1095-1101. PMID: 29194229

Davis SA, Sleath B, Carpenter DM, Blalock SJ, Muir KW, Budenz DL. Drop instillation and glaucoma Curr Opin Ophthalmol. 2017 Nov 14. doi: 10.1097/ICU.0000000000000451. [Epub ahead of print] PMID: 29140818

Carpenter D, Gonzalez D, Retsch-Bogart G, Sleath B, Wilfond B. Methodological and Ethical Issues in Pediatric Medication Safety Research. Pediatrics. 2017 Sep;140(3). pii: e20170195. doi: 10.1542/peds.2017-0195. Epub 2017 Aug 4. PubMed PMID: 28778857; PubMed Central PMCID: PMC5574727.

Thomas KC, Stein GL, Williams CS, Jolles MP, Sleath BL, Martinez M, Garcia SJ, Guzman LE, Williams CE, Morrissey JP. Fostering Activation Among Latino Parents of Children With Mental Health Needs: An RCT. Psychiatr Serv. 2017 Jun 1;appips201600366. doi: 10.1176/appi.ps.201600366. [Epub ahead of print] PubMed PMID: 28566024

Sleath B, Carpenter DM, Davis SA, Watson CH, Lee C, Loughlin CE, Garcia N, Etheridge D, Rivera-Duchesne L, Reuland DS, Batey K, Duchesne C, Tudor G. Acceptance of a pre-visit intervention to engage teens in pediatric asthma visits. Patient Educ Couns. 2017 May 5. pii: S0738-3991(17)30285-9. doi: 10.1016/j.pec.2017.05.013. [Epub ahead of print] PMID: 28550963

Sleath B, Carpenter DM, Sayner R, Thomas K, Mann L, Sage A, Sulzer SH, Sandler ADHD. Youth view on communication about ADHD and medication adherence. Community Mental Health Journal. 2017 May; 53 (4) 438–444.

Sleath B, Davis S, Sayner R, Carpenter DM, Johnson T, Blalock SJ, Robin AL. African American Patient Preferences for Glaucoma Education. Optom Vis Sci. 2017 Apr; 94(4): 482-486. doi: 10.1097/OPX.0000000000001059. PMID: 28234794

Sleath B, Sayner R, Vitko M, Carpenter DM, Blalock SJ, Muir KW, Giangiacomo AL, Hartnett ME, Robin AL. Glaucoma patient-provider communication about vision quality-of-life. Patient Education and Counseling. 2017 Apr; 100(4): 703-709. PMID: 27916461

Sage A, Roberts C, Geryk L, Sleath B, Tate D, Carpenter D. A Self-Regulation Theory-Based Asthma Management Mobile App for Adolescents: A Usability Assessment. JMIR Hum Factors. 2017 Feb 1;4(1):e5. doi: 10.2196/humanfactors.7133. PMID: 28148471

Sage A, Carpenter D, Sayner R, Thomas K, Mann L, Sulzer S, Sandler A, Sleath B. Online Information-Seeking Behaviors of Parents of Children With ADHD. Clin Pediatr (Phila). 2017 Feb 1;9922817691821. doi: 10.1177/0009922817691821. [Epub ahead of print] PMID: 28183190

Geryk LL, Roberts CA, Sage AJ, Coyne-Beasley T, Sleath BL, Carpenter DM. Parent and clinician preferences for an asthma app to promote adolescent self-management: a formative study. JMIR Res Protoc. 2016 Dec 6;5(4)e299 (Epub ahead of print) PMID: 27923777.

Roberts AW, Farley JF, Holmes GM, Oramasionwu CU, Ringwalt C, Sleath B, Skinner AC. Controlled Substance Lock-In Programs: Examining An Unintended Consequence of A Prescription Drug Abuse Policy. Health Affairs. 2016 Oct 1; 35 (10): 1884-1892. PMID: 27702963

Paul C, Sengupta S, Choudhury S, Banerjee S, Sleath BL. Prevalence of glaucoma in Eastern India: The Hooghly River Glaucoma Study. Indian Journal of Ophthalmology. 2016 Aug; 64 (8) 578-83. PMID: 27688279

Sleath B, Carpenter DM, Blalock SJ, Davis SA, Hickson RP, Lee C, Ferreri SP, Scott JE, Rodebaugh LB, Cummings DM. Development of a new diabetes medication self-efficacy scale and its association with both reported problems in using diabetes medications and self-reported adherence. Journal of Patient Preference and Adherence. 2016 Jun 7; 10:200-10. PMID: 27354769

Davis SA, Carpenter DM, Cummings DM, Lee C, Blalock SJ, Scott JE, Rodebaugh L, Ferreri SP, Sleath B. Patient adoption of an internet based diabetes medication tool to improve adherence: A pilot study. Patient Education and Counseling. 2016 Jul 25. [Epub ahead of print] PMID: 27480530

Sleath B, Carpenter DM, Lee C, Loughlin CE, Etheridge D, Rivera-Duchesne L, Reuland DS, Batey K, Duchesne CI, Garcia N, Tudor G. The development of an educational video to motivate teens with asthma to be more involved during medical visits and to improve medication adherence. Journal of Asthma. 2016 Sep; 53(7):714-9. Epub 2016 May 4. PMID: 27145093

Carpenter DM, Geryk LL, Sage A, Arrindell C, Sleath BL. Exploring the theoretical pathways through which asthma app features can promote adolescent self-management. Translational Behavioral Medicine. 2016 Apr 26. [Epub ahead of print] PMID: 27118115

Roberts C, Geryk L, Sage A, Sleath B, Tate D, Carpenter DM. Adolescent, caregiver, and friend preferences for integrating social support and communication features into an asthma self-management app. Journal of Asthma. 2016 Nov; 53(9): 948-54. Epub 2016 Apr 26. PMID: 27116540

Kumar JB, Bosworth HB, Sleath B, Woolson S, Olsen M, Danus S, Muir KW. Quantifying Glaucoma Medication Adherence: The Relationship Between Self-Report, Electronic Monitoring, and Pharmacy Refill. Journal of Ocular Pharmacology and Therapeutics. 2016 Jul-Aug; 32(6): 346-54. Epub 2016 Apr 8. PMID: 27058842

Carpenter DM, Blalock SJ, Sayner R, Muir KW, Robin AL, Hartnett ME, Giangiacomo AL, Tudor GE, Sleath BL. Communication Predicts Medication Self-Efficacy in Glaucoma Patients. Optometry and Vision Science. 2016 Jul; 93(7): 731-7. Epub 2016 Mar 19. PMID: 27003915

Vitko ML, Locklear A, Annis IE, Reuland DS, Sleath BL, Wolf MS, Cooper Bailey S. Administration of the Rapid Estimate of Adult Literacy in Medicine Via Telephone. Family Medicine. 2016 Jan;48(1):10-4. PMID: 26950660

Carpenter DM, Alexander DS, Elio A, DeWalt D, Lee C, Sleath BL. Using Tailored Videos to Teach Inhaler Technique to Children With Asthma: Results From a School Nurse-Led Pilot Study. Journal of Pediatric Nursing. 2016 Jul-Aug; 31(4): 380-9. PMID: 26947730

Steeb DR, Overman RA, Sleath BL, Joyner PU. Global Experimental and Didactic Education Opportunities at US Colleges and Schools of Pharmacy. American Journal of Pharmaceutical Education. 2016 Feb 25;80(1):7. doi: 10.5688/ajpe8018. PMID: 26941433

Carpenter DM, Sayner R, Blalock SJ, Muir KW, Hartnett ME, Lawrence SD, Giangiacomo AL, Goldsmith JA, Tudor GE, Robin AL, Sleath BL. The Effect of Eye Drop Technique Education in Patients with Glaucoma. Health Communication. 2016 Aug; 31(8):1036-42. doi: 10.1080/10410236.2015.1020263. Epub 2016 Jan 11. PMID: 26751938

Alexander DS, Geryk L, Arrindell C, DeWalt DA, Weaver MA, Sleath B, Carpenter DM. Are children with asthma overconfident that they are using their inhalers correctly? Journal of Asthma. 2016 Feb;53(1):107-12. doi: 10.3109/02770903.2015.1057848. Epub 2015 Sep 14. PMID: 26366974

Sayner R, Carpenter DM, Robin AL, Blalock SJ, Muir KW, Vitko M, Hartnett ME, Lawrence SD, Giangiacomo AL, Tudor G, Goldsmith JA, Sleath B. How glaucoma patient characteristics, self-efficacy and patient-provider communication are associated with eye drop technique. International Journal of Pharmacy Practice. 2016 Apr;24(2):78:-85. doi: 10.1111/ijpp.12215. Epub 2015 Aug 25. PMID: 26303667

Blalock SJ, DeVellis RF, Chewning B, Sleath BL, Reyna VF. Gist and verbatim communication concerning medication risks/benefits. Patient Education and Counseling. 2016 Jun; 99(6): 988-94. Epub 2015 Dec 29. PMID: 26786667

Sleath B, Carpenter DM, Blalock SJ, Sayner R, Muir KW, Slota C, Giangiacomo AL, Hartnett ME, Tudor G, Robin AL. Applying the resources and supports in self-management framework to examine ophthalmologist-patient communication and glaucoma medication adherence. Health Education Research. 2015 Oct;30(5):693-705. doi: 10.1093/her/cyv034. Epub 2015 Sep 2. PMID: 26338986

Bailey SC, Annis IE, Reuland DS, Locklear AD, Sleath BL, Wolf MS. Development and evaluation of the Measure of Drug Self-Management. Patient Prefer Adherence. 2015 Jul 31;9:1101-8. doi: 10.2147/PPA.S85411. eCollection 2015. PMID: 26257515

Sayner R, Carpenter DM, Blalock SJ, Robin AL, Muir KW, Hartnett ME, Giangiacomo AL, Tudor G, Sleath B. Accuracy of Patient-Reported Adherence to Glaucoma Medications on a Visual Analog Scale Compared With Electronic Monitors. Clinical Therapeutics. 2015 Sep 1;37(9):1975-85. doi: 10.1016/j.clinthera.2015.06.008. Epub 2015 July 9. PMID: 26164785

Carpenter DM, Tudor GE, Sayner R, Muir KW, Robin AL, Blalock SJ, Hartnett ME, Giangiacomo AL, Sleath BL. Exploring the influence of patient-provider communication on intraocular pressure in glaucoma patients. Patient Education and Counseling. 2015 July 6. pii: S0738-3991(15)30010-0. doi: 10.1016/j.pec.2015.07.001. [Epub ahead of print] PMID: 26223851

Slota C, Sayner R, Vitko M, Carpenter DM, Blalock SJ, Robin AL, Muir KW, Hartnett ME, Sleath B. Glaucoma patient expression of medication problems and nonadherence. Optometry and Vision Science. 2015 May; 92(5):537-43. doi: 10.1097/OPX.0000000000000574. PMID: 25875690

Buchbinder M, Wilbur, R, Mclean S, Sleath B. Is there any way I can get something for my pain? Patient strategies for requesting analgesics. Patient Education and Counseling. 2015 Feb;98(2):137-43. doi: 10.1016/j.pec.2014.10.021. Epub 2014 Oct 28. PMID: 25468395

Sleath B, Blalock SJ, Carpenter DM, Sayner R, Muir KW, Slota C, Lawrence SD, Giangiacomo AL, Hartnett ME, Tudor G, Goldsmith JA, Robin AL. Ophthalmologist-Patient Communication, Self-efficacy, and Glaucoma Medication Adherence. Ophthalmology. 2015 Apr;122(4):748-54. doi: 10.1016/j.ophtha.2014.11.001. PMID: 25542521.

Hansen RA, Voils CI, Farley JF, Powers BJ, Sanders LL, Sleath B, Maciejewski ML. Prescriber Continuity and medication Adherence for Complex Patients. The Annals of Pharmacotherapy. 2015 Mar; 49(3):293-302. doi: 10.1177/1060028014563266. Epub 2014 Dec 30. PMID: 25549627

Book chapters

Carpenter D, Sleath B, Bush P. Communicating with children about medicines. Seventh Edition Beardsley R, Skrabal M, Kimberlin C. Communication skills in pharmacy practice Wolters Klower, pp. 159-171, 2020.

Carpenter D, Sleath B, Bush P. Communicating with children about medicines. Tindall W, Beardsley R, Kimberlin C. (Eds.) Communication skills in pharmacy practice. Sixth Edition. Lippincott, Williams, and Wilkins, 2018.

Blalock SJ, Sleath B. Risk Evaluation and Communication. Strom BL, Kimmel SE, Hennessey S. (Eds). Pharmacoeconomics, 5th ed. Oxford: Wiley & Sons, 2011.

Sleath B, Goldstein M. Health Care Professionals. Baruch Fischhoff, PhD, Noel T. Brewer, PhD, & Julie S. Downs, PhD (Eds). US Department of Health and Human Services, FDA, Risk Communication Advisory Committee and consultants. Communicating Risks and Benefits: An Evidence-Based User's Guide. <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Reports/UCM268069.pdf> 2011.

PRESENTATIONS

Sleath B. Provider use a participatory style with African Americans during glaucoma visits. To be presented at the International Conference on Communication in HealthCare Annual Meeting. September 8, 2022.

Sleath B. Influence of a pre-visit intervention on African American patient question-asking and provider education about glaucoma and glaucoma medications. Presented at American Glaucoma Society Annual Meeting, Nashville, TN, March 5, 2022. Was designated a top poster at the meeting.

Sleath B. Influence of a pre-visit video/question prompt list intervention on African American patient question-asking and provider education during glaucoma visits Presented at International Conference on Communication in HealthCare Annual Meeting. Virtual, October 20, 2021.

Sleath B. Pharmaceutical Outcomes Research. American Society of Health-System Pharmacists Specialty Pharmacy Summit. Virtual, February 2, 2021.

Sleath B. On panel for UNC Royster fellows and graduate students focused on writing successful grant applications. October 7, 2020.

Sleath B. The impact of an asthma question prompt list/video intervention on adolescent involvement and outcomes. UNC Child Research Institute, October 6, 2020.

Sleath B. Provider education about triggers and environmental control during pediatric asthma visits. Presented at virtual International Conference on Communication in Health Care conference. September 9, 2020.

Sleath B. Designing interventions to increase youth and adult patient question-asking with providers: the potential for use in pharmacies. Presented at Trinity College School of Pharmacy, Dublin, Ireland. November 28, 2019.

Sleath B, Carpenter D, Budenz D, Muir K, Garcia N. African American patient acceptance of a pre-visit intervention to improve their engagement during glaucoma visits

and outcomes. Presented at the International Conference on Communication in Healthcare. San Diego, CA, October 27, 2019.

Sleath B, Carpenter D, Davis S, Tudor G, Garcia N. Influence of a pre-visit intervention to increase youth engagement during asthma visits on caregiver quality-of-life 6 months later. Presented at the International Conference on Communication in Healthcare. San Diego, CA, October 29, 2019.

Sleath B, Carpenter D, Coyne I, Davis S, Lee C, Loughlin C, Garcia N, Reuland D, Tudor G.. The impact of an asthma question prompt list with video intervention on adolescent asthma control 12 months later. Presented at European Association of Persistence, Adherence, and Compliance. Dublin, Ireland, December 1, 2018.

Sleath B. Recruitment and engagement of youth and other stakeholders in pediatric research studies. Presented at the North Carolina Clinical and Translational Science Institute, Chapel Hill, NC, November 2018.

Sleath B. The value of stakeholder input when designing, evaluating, and disseminating a large RCT to improve adolescent involvement during asthma visits and outcomes. Presented at the Division of Pharmaceutical Outcomes and Policy seminar, UNC Eshelman School of Pharmacy, Chapel Hill, NC, October, 2018.

Sleath B, Carpenter D, Budenz D, Robin A, Muir K. Development of a pre-visit question prompt list and video intervention to motivate African Americans with glaucoma to be more involved during visits. Presented at the International Conference on Communication in Health Care, Porto, Portugal, September 3, 2018.

Sleath B, Carpenter D, Coyne I, Davis S, Loughlin C, Garcia N, Reuland D, Tudor G. Provider use of a participatory decision-making style and satisfaction with pediatric asthma visits. Presented at the International Conference on Communication in Health Care, Porto, Portugal, September 1, 2018.

Sleath B, Carpenter D, Coyne I, Davis S, Lee C, Loughlin C, Garcia N, Reuland D, Tudor G. Impact of a pre-visit intervention on teen question-asking and doctor education during asthma visits. Presented at the International Conference on Communication in Health Care, Porto, Portugal, September 2, 2018.

Sleath B, Carpenter D, Lee C, Garcia N. Improving Youth Question-Asking and Provider Education during Pediatric Asthma Visits. Presented at the American Pharmacists Association Annual Meeting & Exposition, Nashville, Tennessee, March 17, 2018.

Sleath B. Teen acceptance of a pre-visit intervention to engage teens in pediatric visits. Presented at Monash University, Melbourne, Australia, November 22, 2017.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. University College Cork, School of Pharmacy, Cork, Ireland, October 2, 2017.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. Psychological Society of Ireland Pediatric Special Interest Group Annual Meeting, Dublin, Ireland, September 15, 2017.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. Trinity College, Children and Young People Research Group, School of Nursing and Midwifery, Dublin Ireland, September 11, 2017.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. Cincinnati Children's Hospital, July 20, 2017.

Sleath B. Cultural and Language Challenges of Diverse Patient Populations. ACHE Chapter Panel Discussion. UNC's Healthcare Executives Student Association (HESA). Chapel Hill, NC, April 4, 2017.

Sleath B. Improving communication about ADHD in pediatric primary care settings. Duke University, NIMH post-doctoral training seminar, April 4, 2017.

Sleath B. Strategies to build a robust publication plan while dealing with competing priorities. UNC Eshelman School of Pharmacy Campbell Mentoring Program seminar, February 24, 2017.

Sleath B. Teen acceptance of an educational video and question prompt list intervention to improve their engagement during asthma visits and medication adherence. European Association of Persistence, Adherence, and Compliance. Lisbon, Portugal, November 18, 2016.

Sleath B. Developing better communication about health and education for youth: a research and teaching agenda. International Conference on Communication in Health Care, Heidelberg, Germany, September 9, 2016.

Sleath B. Teen acceptance of an educational video to motivate them to be more involved during asthma visits. International Conference on Communication in Health Care, Heidelberg, Germany, September 8, 2016.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. University of Sydney, Sydney, Australia, August 2, 2016.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. Monash University, Melbourne, Australia, July 27, 2016.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. North Carolina Translational and Clinical Science Institute, June 15, 2016.

Sleath B. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. PCORI Asthma Action to Evidence, Houston, TX, March 22, 2016.

Sleath B. Funding mechanisms for graduate students. Economic Social and Administrative Science Research Roundtable. American Pharmacists Association, Baltimore, Maryland, March 5, 2016.

FELLOWSHIPS AND EXTRAMURAL FUNDING

Principal Investigator

4/1/22-9/30/23 Co-creating and disseminating substance use and vaping educational videos and question prompt lists in partnership with Western North Carolina. Dogwood Health Trust, \$287,544.

7/1/19-06/30/23 Your Opinion Matters: How to Make the Most Out of Talking to Health Care Providers. The Duke Endowment, \$500,000.

7/1/19-06/30/23 Your Opinion Matters: How to Make the Most Out of Talking to Health Care Providers. Eshelman Institute for Innovation. \$100,000 match for The Duke Endowment funds.

08/01/17—7/31/23 Improving African American Glaucoma Patient Involvement in Visits and Outcomes. Agency for Health Care Research and Quality (AHRQ). Total costs = \$1,570,000.

7/1/21-6/30/22 Pharmaceutical Health Outcomes Pre-doctoral Fellowship. Bristol Myers Squibb. Total costs=\$469,765.

12/1/14-11/30/17. Using question prompt lists during pediatric asthma visits to increase adolescent involvement. Patient Centered Outcomes Research Institute (PCORI). Total costs=\$1,909,316.

03/1/16-06/30/17 Developing skills and confidence of pharmacy students to communicate with adolescents about health and medicines. PharmAlliance. Total costs=\$30,000.

07/09-04/15 Communication about glaucoma and patient outcomes. National Eye Institute. Total direct costs=\$1,790,000.

9/12-12/14. Patient adoption of an Internet based diabetes medication tool to improve adherence. UNC Center for Diabetes Translational Research to Reduce Health Disparities
Total direct costs=\$39,819.

8/05-10/11 Children and asthma: communication and outcomes. National Health Lung and Blood Institute. Total direct costs= \$1,194,247.

Professional Service

International

2008-2021 Appointed to the Editorial Board of the International Journal of Pharmacy Practice

2001-Present Appointed to the Editorial Board of Patient Education and Counseling

National

April 2022 Reviewer of Pharmaceutical Outcomes and Policy Graduate Program at University of Illinois-Chicago

April 2022 Member of National Institute of Mental Health Special Emphasis Panel, BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science

June 2019 Chair for the National Institute of Mental Health Special Emphasis Panel, BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science

June 2017 Co-Chair for the National Institute of Mental Health Special Emphasis Panel, “BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01) RFA”

April 2017 Judge for the National High School Ethics Bowl April 8-9, 2017

2017-2020 Member of the National Institute of Mental Health SRNS Grant Review Committee

June 2016 Member of the National Institute of Mental Health SRNS Grant Review Committee

April 2016 Invited reviewer of the National Academies of Sciences, Engineering, and Medicine’s “Promoting Eye Health and Reducing Vision Impairment: A

Population Health Imperative”

- April 2016 Invited member of Brookings Institute/FDA think tank on “Risk Evaluation and Mitigation Strategies (REMS): Building a Framework for Effective Patient Counseling on Medication Risks and Benefits”
- July 2015 Invited member of Brookings Institute/FDA think tank on “Risk Evaluation and Mitigation Strategies (REMS): Building a Framework for Effective Patient Counseling on Medication Risks and Benefits”
- June 2015 Invited member of Brookings Institute/FDA think tank on “Engaging patients: building trust and support for safety surveillance”
- 2014 Guest member of the FDA Risk Communication Committee May 5-6, 2014
- 2013 Guest member of FDA Risk Communication Committee August 15-16, 2013
- 2012-2013 Chair of AACP’s Council of Deans/Council of Faculties Task Force on Surviving in an Era of Declining Federal Support
- June 2012 Member of the National Institute of Health’s Nursing and Other Clinical Sciences Study Section
- June 2012 Panel member. Social Science Methodologies to Assess Risk Evaluation and Mitigation Strategies at FDA Public Workshop. Rockville, MD.
- February 2012 Member of the National Institute of Mental Health SRNS Grant Review Committee
- 2011-2013 Member of the American College of Rheumatology REF Grant Review Committee
- June 2011 Member of the National Institute of Mental Health SRNS Grant Review Committee
- 2011 Guest member of FDA Risk Communication Committee August 16, 2011
- 2010-2011 Chair of the nominations committee of the Social and Administrative Sciences Section of the American Association of Colleges of Pharmacy
- 2009-2010 Chair of the Social and Administrative Sciences Section of the American Association of Colleges of Pharmacy

- 2009-2010 Member of the nominating committee of the Council of Sections of the American Association of Colleges of Pharmacy
- 2008-2009 Chair-elect of the Social and Administrative Sciences Section of the American Association of Colleges of Pharmacy
- 2008-2010 Food and Drug Administration's Risk Communication Expert Advisory Committee
- 2008 Member of the Strategic Planning Committee of the Social and Administrative Sciences Section of the American Association of Colleges of Pharmacy

University of North Carolina

- 2021-Present Member of Academic Advisory Committee to Plan and Build UNC Health Sciences at SEAHEC
- 2021-Present Chair of evaluation subcommittee of Academic Advisory Committee to Plan and Build UNC Health Sciences at SEAHEC
- 2021-4/2022 Member of health professionals workforce subcommittee of Academic Advisory Committee to Plan and Build UNC Health Sciences at SEAHEC
- 2021-4/2022 Member of interprofessional education subcommittee of Academic Advisory Committee to Plan and Build UNC Health Sciences at SEAHEC
- 2020-2023 Elected to Financial Exigency and Program Change Committee for three-year term
- 2021 Member of search committee for Sheps Center IT Deputy Director
- 2019 Member of the Provost's data science community and civic engagement planning committee
- 2016 Member of the review team for the center RENCI
- 2015-2018 Board Member, Association for Women Faculty and Professionals

UNC Eshelman School of Pharmacy

- 2022 Director of Alumni Relations Search Committee
- 2021 Executive Vice Dean-Chief Education Officer Search Committee

2020 Strategic Planning Advisory Committee
2020-Present Budget Committee
2010-Present Member of Executive Committee
2008-Present Member of the Full Professors Committee

Courses Taught and/or Coordinated

University of North Carolina

Pharmacy 53: Pharmacy as a Health Profession
Pharmacy 63: Introduction to Health Care Systems
Pharmacy 74: Drug literature analysis and interpretation
Pharmacy 84: Pharmacy Law and Ethics
Pharmacy 100: Pharmaceuticals: Ethical and Social Issues
Pharmacy 180: Pharmaceutical research, development and marketing
Pharmacy 203: Pharmaceutical Outcomes Research Methods
Pharmacy 504: Evidence Based Practice
Pharmacy 717: Patient Care Experience I
Pharmacy 718: Patient Care Experience II
Pharmacy 724: Research and Scholarship in Pharmacy I
Pharmacy 725: Research and Scholarship in Pharmacy II
Pharmacy 726: Research and Scholarship in Pharmacy III
DPOP 803: Social and behavioral aspects of pharmaceutical use
Pharmacy 811: Health Communication Interventions
Pharmacy 255: Patient-reported outcomes: theory, methods, and applications
Epidemiology 300: Special topics: Pharmacoepidemiology seminar

Health Policy 305: Grant writing for PhD students

DPOP 872: Grant Writing for PhD Students

University of New Mexico

Pharmacy 310: Pharmacy Management

Pharmacy 420: Pharmacy Law and Ethics

Pharmacy 421/Sociology 321: Sociology of Medical Practice

Pharmacy 439: Communications in Pharmacy Practice

Pharmacy 545 and Pharmacy 546: Pharmacy and Its Environment I and II

Graduate level courses that investigate key areas in pharmacy administration (i.e., pharmacoepidemiology, DUR, prescribing) and prepare students for their preliminary exams.

Pharmacy 547: Pharmacy Practice Research Methods

Graduate level research methods course

Pharmacy 591: Seminar in Pharmacy Administration

Graduate level course that discusses a different topic each semester.