

Benjamin S. Teeter

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Education

- 2015 Doctor of Philosophy
Department of Health Outcomes Research and Policy, Harrison School of Pharmacy,
Auburn University, Auburn, AL.
Dissertation: Quality Performance in Community Pharmacies: An Exploration of
Pharmacists' Perceptions and Predictors
- 2012 Master of Science
Department of Health Outcomes Research and Policy, Harrison School of Pharmacy,
Auburn University, Auburn, AL.
Thesis: Adoption and Implementation of the Health Watch Screening Program in
Community Pharmacies
- 2009 Bachelor of Science in Public Health
Indiana University, Bloomington, IN

Experience

- 2015 – present Assistant Professor
College of Pharmacy
University of Arkansas for Medical Sciences, Little Rock, AR
- 2015 – present Investigator
Center for Implementation Research
University of Arkansas for Medical Sciences, Little Rock, AR
- 2010 – 2015 Graduate Research and Teaching Assistant
Harrison School of Pharmacy
Auburn University, Auburn, AL

Awards and Scholarships

2014	Harrison School of Pharmacy Don Tillery Fellowship, Auburn University - \$825
2014	Auburn University Graduate Student Dissertation Research Award, Auburn University Graduate School - \$300
2014	Graduate Travel Grant, Auburn University Graduate School - \$150
2013	Harrison School of Pharmacy Don Tillery Fellowship, Auburn University - \$750
2013	Wal-Mart Scholar, American Association of Colleges of Pharmacy - \$1,000
2012	Harrison School of Pharmacy Don Tillery Fellowship, Auburn University - \$750
2012	Malone-Zallen Research Award, Harrison School of Pharmacy, Auburn University - \$1,000
2011	Auburn University Graduate Student Thesis Research Award, Auburn University Graduate School - \$1,000

Honors

2017	Certificate of Outstanding Contribution in Reviewing, Journal of the American Pharmacists Association
2014	Outstanding Graduate Student Award, Department of Health Outcomes Research and Policy, Harrison School of Pharmacy, Auburn University
2013	Outstanding Graduate Student Award, Department of Health Outcomes Research and Policy, Harrison School of Pharmacy, Auburn University
2012	Member of The Honor Society of Phi Kappa Phi, Auburn University Chapter

Professional Memberships

2011 – present	American Pharmacists Association
2011 – present	American Association of Colleges of Pharmacy

Service Activities

To Discipline

2014 – present	Reviewer, Journal of the American Pharmacists Association
2014 – present	Reviewer, Research in Social and Administrative Pharmacy

Within Institution

2016 – present	Assessment Committee, UAMS College of Pharmacy
2016 – present	Campus Assignment Committee, UAMS College of Pharmacy

National Review Committees

2016	Reviewer, Collaboration Innovation Awards Pilot Program, Institute of Translational Health Sciences (CTSA), University of Washington
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Research Experience

Research Interests

- Effects of social and behavioral factors on participation in organizational quality improvement
- Impact of pharmacy on improvement of public health
- Adoption, implementation, and sustainability of innovative patient care services in pharmacies

Current Funding

As Principal Investigator

UL1 TR000039 UAMS TRI (CTSA) (Teeter, PI) 11/15/17-11/30/18
Testing Implementation Strategies to Support Community Pharmacist-Initiated Prescription and Distribution of Naloxone to Reduce Overdose by Opioids

UAMS Medical Research Endowment (Teeter, PI) 11/01/17-12/31/18
Vaccines for Children (VFC) and HPV Vaccine in Community Pharmacies

As Co-Investigator

UL1 TR000039 UAMS TRI (CTSA) (McElfish, PI) 11/15/17-11/30/18
Implementation of Family Model DSME in an Underserved Marshallese Population in a Clinical Setting

Peer Reviewed Publications

Shoemaker, S.J., Curran, G.M., Swan, H., **Teeter, B.S.**, Thomas, J. (2017). Application of the Consolidated Framework for Implementation Research to community pharmacy: A framework for implementation research on pharmacy services. *Research in Social and Administrative Pharmacy*, S1551-7411(17)30506-5. PMID: 2866816

Hastings, T.J., Hohmann, L.A., McFarland, S.J., **Teeter, B.S.**, Westrick, S.C. (2017). Pharmacists' Attitudes and Perceived Barriers to Human Papillomavirus (HPV) Vaccination Services. *Pharmacy*. (5) 45. doi:10.3390/pharmacy5030045

Westrick, S.C., Hohmann, L.A., McFarland, S.J., **Teeter, B.S.**, White, K.K., & Hastings, T.J. (2017). Parental acceptance of human papillomavirus vaccinations and community pharmacies as vaccination settings: A qualitative study in Alabama. *Papillomavirus Research*, 3, 24-29. doi:http://dx.doi.org/10.1016/j.pvr.2016.12.003

Teeter, B.S., Fox, B.I., Garza, K.B., Harris, S.G., Nau, D.P., Owensby, J, Westrick, S.C. (2016). Community pharmacy owners' views of star ratings and performance measurement: In-depth interviews. *Journal of the American Pharmacists Association*. 56(5), 549-554. doi: 0.1016/j.japh.2016.04.567

Garza, K.B., Williamson, M.A., Stevenson, T.L., **Teeter, B.S.**, Zeek, M.L., Savoie, M. & Westrick, S.C. (2015). Patient vaccination education program through an IPPE: Assessment of students' outcomes and preceptors' feedback. *Currents in Pharmacy Teaching and Learning*. 7(6).

Hollingsworth, J.C., **Teeter, B.S.** & Westrick, S.C. (2015). Evaluation of student outcomes after participating in a Medicare outreach program. *Journal of Higher Education Outreach and Engagement*. 19(2).

Teeter, B.S., Garza, K.B., Stevenson, T.L., Williamson, M.A., Zeek, M.L. & Westrick, S.C. (2014). Factors associated with herpes zoster vaccination status and acceptance of vaccine recommendation in community pharmacies. *Vaccine*. 32(43), 5749-5754.
doi: 10.1016/j.vaccine.2014.08.040

Teeter, B.S. & Kavookjian, J. (2014). Telephone-based motivational interviewing for medication adherence: a systematic review. *Translational Behavioral Medicine*. 1-10.
doi: 10.1007/s13142-014-0270-3

Hansen, R.A., Zeng, P., Ryan, P., Gao, J., Sonawane, K., **Teeter, B.S.**, Westrick, K. & Dubois, R. (2014). Exploration of heterogeneity in distributed research network drug safety analyses. *Res Synth Method*. doi: 10.1002/jrsm.1121

Teeter, B.S., Westrick, S.C., Braxton-Lloyd, K., Armenakis, A. & Fox, B.I. (2014). Adoption of a biometric screening service in community pharmacies: a qualitative study. *J Am Pharm Assoc*. 54(3), 258-266. doi: 10.1331/JAPhA.2014.13203

Garza, K.B., Westrick, SC, **Teeter, B.S.**, Stevenson, T.L. (2013). Incorporating Hypertensive Patient Education on Salt Intake into an Introductory Pharmacy Practice Experience. *Am J Pharm Educ*. 77(9) article 199.

Published Book Chapters

Teeter, B.S. & Westrick, S.C. (2016). Marketing Applications. In D.P. Zgarrick, L.R. Moczygemba, G.L. Alston & S.P. Desselle (Eds.), *Pharmacy management: essentials for all practice settings*, 4th ed. (pp. 427-450). New York: McGraw-Hill Education.

Westrick, S.C. & **Teeter, B.S.** (2016). Organizational Change. In N.M. Rickles, A.I. Wertheimer & J.C. Schommer (Eds.), *Social and behavioral aspects of pharmaceutical care*, 3rd ed. (pp. 133-155) Dubuque, IA: Kendall Hunt Publishing Company.

Teeter, B.S. & Westrick, S.C. (2012). Marketing Applications. In S.P. Desselle, D.P. Zgarrick & G.L. Alston (Eds.), *Pharmacy management: essentials for all practice settings*, 3rd ed (pp. 405-426). New York: McGraw-Hill Education.

Presentations

Teeter, B.S., Thomas, J.L., Curran, G.M., Balamurugan, A. (2017). Local Adaptation of a Motivational Interviewing Intervention in Community Pharmacies Do Not Negate Benefits on Medication Adherence Rates. Panel Presentation at the 10th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, Virginia.

Curran G.M., **Teeter B.S.**, Martin, B.C. (2017). Implementation of Prescription Drug Monitoring Programs for Opioid Dispensing Decision-Making: Insights from a Qualitative Study of Community Pharmacists. Podium Presentation at the 10th Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, Virginia.

O'Brien C.E., Stafford R., **Teeter B.S.**, Payakachat N., Franks A. (2017). Patient-Centered Communication Uptake During a Community Pharmacy IPPE: A Qualitative Analysis. Poster Presentation at the Annual Meeting of the American Association of College of Pharmacy. Nashville, Tennessee.

Teeter, B.S., Thomas, J.L., Curran, G.M., Balamurugan, A. (2017). Adaptation of a Motivational Interviewing Intervention in Four Community Pharmacies. Poster Presentation at the American Pharmacists Association Annual Meeting. San Francisco, California.

Teeter, B.S., Thomas, J.L., Curran, G.M., Balamurugan, A. (2016). Adaptation of a Motivational Interviewing Intervention in Community Pharmacies: Application of the Wiltsey Stirman Model to Characterize Modifications in a 4-site Implementation Demonstration Study. Panel Presentation at the 9th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C.

Swan, H., Shoemaker, S.J., Curran, G.M., Thomas, J.L., **Teeter, B.S.** (2016). An implementation research model for pharmacy: Application of the consolidated framework for implementation research (CFIR) to community pharmacy. Podium Presentation at the 9th Annual Conference of the Science of Dissemination and Implementation in Health. Washington, D.C.

Hastings, T.J., Hohmann, L.A., McFarland, S.J., **Teeter, B.S.**, Westrick, S.C. (2016). Pharmacy-based human papillomavirus (HPV) vaccination services: Perceptions, barriers, and current services provided by Alabama pharmacists. Poster Presentation at the 47th National Immunization Conference. Atlanta, Georgia.

Curran, G.M., **Teeter, B.S.**, Crumbaugh, E., Thomas, J., Stafford, R. (2015). Implementation of cognitive services in independent community pharmacies: An ethnographic study of barriers and facilitators. Poster Presentation at the 8th Annual Conference on the Science of Dissemination and Implementation in Health. Washington, D.C.

Teeter, B.S., Hollingsworth, J. & Westrick, S. (2014). Evaluation of Medicare Outreach Project through Student Reflections on Service Learning Experiences. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting. Grapevine, Texas.

Teeter, B.S., Garza, K.B., Stevenson, T.L., Williamson, M.A., Zeek, M.L. & Westrick, S.C. (2014). Factors Associated with Herpes Zoster Vaccination Status and Acceptance of Vaccine

Recommendation in Community Pharmacies. Podium Presentation at the Southern Pharmacy Administration Conference. Oklahoma City, Oklahoma.

Teeter, B.S., Westrick, S., Garza, K., Stevenson, L. & Williamson, M. (2014). Factors Associated with Vaccination Status and Likelihood to Accept Vaccine Recommendation on Zoster Vaccine in Community Pharmacies. Poster presentation at the American Pharmacists Association Annual Meeting. Orlando, Florida.

Westrick, S.C., Stevenson, T.L., Garza, K.B. & **Teeter, B.S.** (2013). Providing Salt Education to Hypertensive Patients Through an Introductory Pharmacy Practice Experience in Community Pharmacy. Poster presentation at the American Association of Colleges of Pharmacy Annual Meeting. Chicago, Illinois.

Teeter, B.S., & Westrick, S. (2013). Adoption and implementation of the health watch screening program in community pharmacies: a qualitative study. Podium presentation at the American Pharmacists Association Annual Meeting. Los Angeles, California.

Teeter, B.S., Westrick, S. & Stevenson, L. (2012). Assessment of adherence to antihypertensive medications and lifestyle issues through the introductory pharmacy practice experiences program. Poster presentation at the American Pharmacists Association Annual Meeting. New Orleans, Louisiana.

Teeter, B.S. & Westrick, S. (2012). Adoption and implementation of the health watch screening program in community pharmacies: preliminary results. Poster presentation at the Auburn University Graduate Student Symposium. Auburn, Alabama.

Teeter, B.S. & Westrick, S. (2012). Adoption and implementation of the health watch screening program in community pharmacies: preliminary results. Poster presentation at the Southern Pharmacy Administration/Western Pharmacoeconomic Conference. Austin, Texas.

Other Research Experience

R01DA034627 NIDA Prescribers, Pharmacists, & the Opioid Dilemma: a Multi-Site Qualitative Study (05/15/14 – 04/30/18)

Edlund, M. (PI). Activities include analysis of data, creation and dissemination of research products.

ASTHO-Million Hearts Learning Collaborative Innovation Award (2015 – 2017)

Curran, G.M. & Thomas, J.L. (PIs). Activities include organization of and attendance at team meetings, design and conceptualization of intervention, and implementation of intervention in community pharmacies.

Medicare Part D Plan Selection Community Outreach Project (2013-2015)

Westrick, SC (PI). Activities include data analysis, preparation of manuscripts, and presentation of results at national meetings.

School-based Influenza Vaccination Project (2013-2015)

Westrick, SC (PI). Activities include data collection, analysis, and preparation of a final report.

Human Papillomavirus (HPV) Vaccination Services (2013-Present)

Westrick, SC (PI). Activities include data collection, analysis, preparation of manuscripts, and presentation of results at national meetings.

Herpes Zoster Educational Program: Student Outreach Project (2013-2015)

Westrick, SC (PI). Activities include data analysis, preparation of manuscripts, and presentation of results at national meetings.

Heterogeneity of treatment effects across methods, populations, and data (2013)

Hansen, RA (PI). National Pharmaceutical Council funded research; Activities include assistance with preparation of manuscript for submission to peer reviewed journal and other deliverables required by funder.

Increasing consumer awareness about salt intake: Student outreach project (2013-2013)

Westrick, SC (PI). Activities include data entry and assistance with preparation of manuscript for submission to peer reviewed journal.

Telephonic motivational interviewing for medication adherence: a systematic review (2012)

Teeter, BS (PI). Conducted a systematic review of the existing literature on the impact of motivational interviewing delivered via telephone on medication adherence.

Teaching Experience

Invited Course Lectures

COP PhSCS041: Pharmaceutical Evaluation & Policy Graduate Seminar (2016 – present)

Delivered a lecture on Implementation Science including common theories, models and frameworks used in Implementation Science research.

COP PhPr3412: U.S. Healthcare System (2016 –)

Delivered a lecture on Medicare Parts A, B, and C to first-year Doctor of Pharmacy students.

COP PhPr5733: Pharmacy Management (2016 –)

Led third-year Doctor of Pharmacy students in a Team Based Learning assignment that required the use of motivational interviewing to resolve common conflicts that occur in community pharmacies.

PBHL/GSIC/HSRE 9653: Implementation Research in Clinical Practice Settings (2016 –)

Delivered a lecture to graduate students from colleges at UAMS on barriers/facilitators to implementation, evaluation of implementation efforts, and determinants of change.

PYPP 5970: Introduction to Research Methods in Health Services (2012-2015)

Delivered a 2-hour lecture and discussion on qualitative research methods, specifically interviews and focus groups, to third-year Doctor of Pharmacy students and graduate students in their research methods elective.

PYPC 5720: Motivational Interviewing (2013)

Led third-year Doctor of Pharmacy students' Motivational Interviewing labs.

PYPC 5010: Patient Centered Skills (2012)

Led first-year Doctor of Pharmacy students' patient centered skills lab on motivational interviewing.

PYDI 9210: Pharmacy Practice Development, Management and Evaluation I (2011)

Delivered a 1-hour workshop for second-year Doctor of Pharmacy students in the use of the medicare.gov Medicare part D prescription drug plan finder as part of Pharmacy Practice Development, Management and Evaluation I.

Courses Assisted

PYDI 9210: Pharmacy Practice Development, Management and Evaluation I - 3 credit hour required professional course, average enrollment 140-150 second-year pharmacy students. This course focuses on the U.S. health care system, operations management and human resource management.

PYDI 9310: Pharmacy Practice Development, Management and Evaluation II – 3 credit hour required professional course, average enrollment 140-150 second year pharmacy students. This course focuses on informatics, marketing, finance and accounting.

PYPC 5010: Patient Centered Skills – 3 credit hour required professional course, average enrollment 140-150 first-year pharmacy students. This course focuses on communicating with patients and behavioral theory.

PYPC 5720: Motivational Interviewing – 2 credit hour elective course for PharmD students, average enrollment 15-20 third-year pharmacy students. This course focuses on communicating with patients using the research-based set of skills known as Motivational Interviewing.

Professional Development Courses Related to Teaching

ADED 7650: Teaching the Disadvantaged Adult (2014) – A 3 credit hour course focused on the unique sociological, psychological, and physiological factors which influence learning.

HIED 8510: Seminar in College Teaching (2013) – A 3 credit hour course focused on methods of instructions in college teaching through the use of experiential learning, discussion, lecture, group and collaborative activities, readings, case studies, e-mail dialogue, student interaction, guest instructor presentations and reflective writing.

HIED 8500: The Professoriate (2013) – A 3 credit hour course focused on the professoriate as an occupation and an examination of the recurring and evolving issues facing faculty roles, work, and career paths.

References

Geoffrey M. Curran, PhD (Junior Faculty Mentor)

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Professor, Department of Psychiatry and Behavioral Sciences, College of Medicine
Director, Center for Implementation Research
University of Arkansas for Medical Sciences
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Administrative Coordinator: 501.686.6393
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Salisa C. Westrick, PhD (Dissertation Advisor)

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