

BIOGRAPHICAL SKETCH

NAME Westrick, Salisa	POSITION TITLE Associate Professor
eRA COMMONS USER NAME (credential, e.g., agency login) WESTRSC	Department of Health Outcomes Research and Policy

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
Chulalongkorn University, Bangkok, Thailand	B.S. Pharm.	1991-1997	Pharmacy
Illinois State University	M.S.	1998-2000	Training/Development and Quality Management
University of Wisconsin-Madison	Ph.D.	2000-2004	Social and Administrative Pharmacy; specializing in organizational change and innovative practices

A. Personal Statement

The goal of my research is to advance pharmacy practice by enhancing pharmacy operations and facilitating adoption of patient care services. Most of my work has been focusing in the area of innovation adoption and the integration of new services in routine practices in community pharmacies. I have been highly involved in several research studies related to pharmacy-based immunization delivery, funded by the Centers for Disease Control and Prevention, the Agency of Healthcare Research and Quality, and the American Association of Colleges of Pharmacy. Recently, I have expanded my scholarly work to bridge my research interests to real world problems. Through the Introductory Pharmacy Practice Experience (IPPE) program, I have worked with clinical faculty to develop, implement and evaluate various programs in community pharmacies including Herpes Zoster and Pneumococcal Vaccination Services.

B. Positions and Honors

Positions and Employment

1997	Part-time pharmacist, Drug Care, Bangkok, Thailand
1997 – 1998	Part-time pharmacist, Ikeda Hospital, Bangkok, Thailand
1997 – 1998	Part-time pharmacist, Lotus Super Center, Bangkok, Thailand
1997 – 1998	Instructor, School of Pharmacy, Srinakharinwirot University, Nakorn Nayok, Thailand
1998 – 2000	Teaching Assistant, Department of Technology, Illinois State University
Summer 2002	Project Assistant, Written Prescription Drug Information for Patients Project, University of Wisconsin-Madison
Summer 2002	Research Assistant in the Hospital Information Technology Study
Summer 2003	Research Assistant in the Hospital Information Technology Study
Summer 2003	Research Assistant, Written Prescription Drug Information for Patients Project, University of Wisconsin-Madison
2001 - 2004	Teaching Assistant, Social and Administrative Pharmacy Division, University of Wisconsin-Madison
2004	Research Assistant, Social and Administrative Pharmacy Division, University of Wisconsin-Madison
2004-2010	Assistant Professor, Pharmacy Care Systems, Harrison School of Pharmacy, Auburn University
2010-Present	Associate Professor, Health Outcomes Research and Policy, Harrison School of Pharmacy, Auburn University

Honors

1997	Graduate with First Class Honor, Chulalongkorn University
1999	Lela Winegarner Fellowship, Illinois State University
2000	Epsilon Phi Tau, International Honorary for Professions in Technology, Illinois State University
2000 – 2001	Wisconsin Distinguished Graduate Fellowship
2001	Wisconsin Alumni Association Scholarship
2013	Rho Chi Society
2014	Best Poster Award. Alabama Public Health Association Educational Conference

C. Contribution to Science

My research program's primary goal is to improve pharmacy operations through the utilization of organizational approach. I have conducted research in the area of pharmacy-based immunization services since its infancy stage (#10-12). Since then, I have studied reasons for why some organizations sustain their immunization services. I have uncovered key information that made the service successful and a sustainability model has been proposed and tested (#9). Further analyses allowed me to understand processes important to sustainability and the advancement of services (#6-8). My work has recently been focused on roles of pharmacists with specific vaccines including influenza, herpes zoster and pneumococcal (#1-3, 5). Further, understanding community pharmacies as organizations is important and this understand is applicable to other innovations/programs. I have conducted various research to assess reasons for why pharmacies made decisions to adopt a certain patient care service (#4).

1. **Westrick SC**, Owen J, Hagel H, Owensby JK, Lertpichitkul TL. Impact of the RxVaccinate Program for pharmacy-based pneumococcal immunization: a cluster randomized controlled trial. *Journal of the American Pharmacists Association*. 2016; 56(1): 29-36.
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2. Garza KB, Savoie M, Zeek M, Teeter BS, Williamson MM, Stevenson TL, **Westrick SC**. Patient vaccination education program through an introductory pharmacy practice experience. *Currents in Pharmacy Teaching and Learning*. 2015; 7(6):764-70.
3. Teeter BS, Garza KB, Stevenson TL, Williamson MA, Zeek ML, **Westrick SC**. Factors associated with herpes zoster vaccination status and acceptance of vaccine recommendation in community pharmacies. *Vaccine*. 2014; 32(43):5749-5754.
4. Teeter BS, Braxton-Lloyd K, Armenakis A, Fox B, **Westrick SC**. Adoption of a Biometric Screening Service in Community Pharmacies: A Qualitative Study. *Journal of the American Pharmacists Association*. 2014; 54(3): 258-266.
5. Lorenz R, Norris MM, Norton L, **Westrick SC**. Factors associated with influenza vaccination decisions among patients with mental illness. *International Journal of Psychiatry in Medicine*. 2013; 46(1): 1-13.
6. **Westrick SC**. Pharmacy characteristics, vaccination service characteristics, and service expansion: An analysis of sustainers and new adopters. *Journal of the American Pharmacists Association*. 2010; 50(1): 52-60.
7. **Westrick SC**. Forward and backward movements in pharmacy-based immunization services. *Research in Social and Administrative Pharmacy*. 2010. 6(1): 18-31.
8. **Westrick SC**, Watcharadamrongkun S, Mount JK. College/School of Pharmacy affiliation and community pharmacies' involvement in public health activities. *American Journal of Pharmaceutical Education*. 2009. 73(7). Article 123.
9. **Westrick SC**, Breland ML. Sustainability of pharmacy-based innovations: the case of in-house immunization services. *Journal of the American Pharmacists Association*. 2009;49(4): 500-508.
10. **Westrick SC**, Watcharadamrongkun S, Mount JK, Breland ML. Community pharmacy involvement in vaccine distribution and administration. *Vaccine*. 2009; 27(21): 2858-2863.
11. **Westrick SC**, Mount JK. Impact of perceived innovation characteristics on adoption of pharmacy-based in-house immunization services. *International Journal of Pharmacy Practice*. 2009; 17(1): 39-46.
12. **Westrick SC**, Mount JK, Watcharadamrongkun S, Breland ML. Pharmacy stages of involvement in pharmacy-based immunization services: results from a 17-state survey. *Journal of the American Pharmacists Association*. 2008; 48: 764-773.

D. Relevant Research Support

Merck & Co Westrick (PI) 11/2015 – 10/2017
Impact of a multicomponent immunization intervention on pneumococcal and herpes zoster vaccinations: A randomized controlled trial of community pharmacies in 2 states
This project's goal seeks to enhance pharmacy-based immunization services through practical strategies and expert feedback.

Alabama Department of Senior Services Westrick (PI) 2015 – 2016
Promoting Access to Community Resources for Medicare Population
This program seeks to utilize pharmacists to identify and refer Medicare population with limited income to Aging and Disability Resource Centers for thorough screenings for subsidy benefits.

Alabama Department of Senior Services Westrick (PI) 2015, 2016
Medicare Part D Plan Selection Assistance for Seniors in Alabama
This project's goals are to train 2nd and 3rd year pharmacy students to become State Health Insurance & Assistant Program counselors, offer 10 assistance workshops for Medicare beneficiaries in 9 counties in Alabama since 2015.

Research the economic impact of contracting influenza Westrick (PI) 9/2013 – 8/2014

Program Director/Principal Investigator (Last, First, Middle): Westrick, Salisa C

This project's goals are to determine economic impact of school-located vaccination clinics (SLVC) for influenza vaccine and determine parents' perceptions of the vaccine as well as options for immunization providers. Data from SLVC providers were analyzed to accomplish the first goal. In-depth interviews with parents of 11-17 year old children were completed to fulfill the second goal.

Auburn University Research Initiative in Cancer Westrick (PI) 5/2013 – 9/2014
Pharmacist as a Provider of Human Papillomavirus Vaccination Service

The project is to identify various models of pharmacy-based HPV vaccination services, explore parents' acceptance of pharmacy-based vaccination models as compared to traditional physician offices, and c) examine pharmacies' facilitators and barriers to provide HPV vaccination services

Centers for Disease Control and Prevention Westrick (Subcontract PI) 2006 – 2008
Pro-active Pharmacy-based Vaccination Study: A Multi-State Intervention

American Association of Colleges of Pharmacy Westrick (PI) 2006 - 2007
Sustainability and Abandonment of Immunization Delivery Services

Agency for Healthcare Research and Quality Westrick (PI) 2005 – 2006
Adoption of Immunization Delivery Services in Community Pharmacies
