

Elizabeth A. Chrischilles
Professor

EDUCATION

The University of Iowa, Iowa City, Iowa	BS	1979	Pharmacy
The University of Iowa, Iowa City, Iowa	MS	1981	Pharmacy
The University of Iowa, Iowa City, Iowa	PhD	1986	Pharmacy

EMPLOYMENT AND EXPERIENCE

1981-82	Clinical Pharmacy Fellowship, University of Iowa Family Practice/College of Pharmacy, Iowa City, Iowa
1982-84	Clinical Assistant Professor, Division of Clinical/Hospital Pharmacy, College of Pharmacy, University of Iowa
1982-84	Clinical Pharmacy Faculty, Cedar Rapids Medical Education Program, Cedar Rapids, Iowa
1986-87	Visiting Assistant Professor, Department of Preventive Medicine, University of Iowa
1987-94	Assistant Professor, Department of Preventive Medicine, University of Iowa
1994-99	Associate Professor, Department of Preventive Medicine, University of Iowa
1999-00	Associate Professor, Department of Epidemiology, College of Public Health, University of Iowa
2000-pres	Professor, Department of Epidemiology, College of Public Health, University of Iowa
2000-10	Associate Head for Admissions and Curriculum, Department of Epidemiology, College of Public Health, University of Iowa
2000-pres	Professor (Secondary Appointment), Dept. of Clinical Hospital Pharmacy, College of Pharmacy, University of Iowa
2007-pres	Associate Director for Population Sciences, Holden Comprehensive Center
2007-10	Co-Director, BERD Key Function, Institute for Clinical and Translational Science
2009-pres	Secondary appointment with Institute for Clinical and Translational Science
2011-2015	Director, CER Thematic area, Institute for Clinical and Translational Science
2015-pres	Associate Director for Research Expertise and Methods, Institute for Clinical and Translational Science

HONORS AND AWARDS

1987-92	Burroughs Welcome Scholar in Pharmacoepidemiology
1997	Iowa Pharmacists Association Appreciation Award
2000	The University of Iowa Collegiate Teaching Award
2004	College of Public Health Faculty Teaching Award
2005	Recipient of the Wiederholdt Prize by the American Pharmacists Association
2007	Marvin A. and Rose Lee Pomerantz Chair in Public Health
2007	CPH Distinguished Faculty Lecturer
2009	Iowa Pharmacy Association Appreciation Award
2014	CPH Research Award
2015	Fellow of the Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) program at the Drexel University College of Medicine

PUBLICATIONS (2012-present, in chronological order)

1. Fang G, Brooks JM, Chrischilles EA. Apples and Oranges? Interpretations of Risk Adjustment and Instrumental Variable Estimates of Intended Treatment Effects Using Observational Data. American Journal of Epidemiology 175(1):60-5, 2012. PMID: 22085626
2. Platt R, Carnahan RM, Brown JS, Chrischilles E, Curtis LH, Hennessy S, Nelson JC, Racoosin JA, Robb M, Schneeweiss S, Toh S, Weiner MG. The U.S. Food and Drug Administration's Mini-Sentinel program: status and direction. Pharmacoepidemiol Drug Saf, Suppl 1:1-8, 2012. PMID: 22262586
3. Fang G, Brooks JM, Chrischilles EA. Comparison of Instrumental Variable Analysis Using a New Instrument with Risk Adjustment Methods to Reduce Confounding by Indication. Am J Epidemiol 175(11):1142-51, 2012. PMID: 22510277
4. Patterson BJ, Doucette WR, Lindgren SD, Chrischilles EA. Living with Disability: Patterns of Health Problems and Symptom Mediation of Health Consequences. Disabil Health J 5(3):151-8, 2012. PMID: 22726855
5. Cook EA, Farris KB, Chrischilles E, Aquilino M. Relationship between availability of contraceptive products and pharmacists as information sources. J Am Pharm Assoc 52(3):342-8, 2012. PMID: 22618974
6. Brooks JM, Chrischilles EA, Landrum MB, Wright KB, Gang F, Weiner EP, Keating NL. Survival implications associated with variation in mastectomy rates for early-staged breast cancer. International Journal of Surgical Oncology, Vol 2012(Article ID 127854):1-9, 2012. PMID: 22928097; PMCID PMC3423912
7. Charlton ME, Lin C, Jiang D, Stitzenberg KB, Halfdanarson TR, Pendergast JF, Chrischilles EA, Wallace RB. Factors Associated with Use of Preoperative Chemoradiation Therapy for Rectal Cancer in the Cancer Care Outcomes Research and Surveillance Consortium. Am J Clin Oncol 36(6):572-9, 2013. PMID: 2299264; PMCID PMC3556239
8. Shiyabola OO, Farris KB, Chrischilles E. Concern Beliefs in Medications: Changes Over Time and Medication Use Factors Related to a Change in Beliefs. Res Social Adm Pharm 9(4):446-57, 2013. PMID: 22999805.
9. Smith HL, Chrischilles E, Janus TJ, Sidwell RA, Ramirez M, Peek-Asa C, Sahr SM. Clinical Indicators of Midface Fracture in Patients with Trauma. Dent Traumatol 29(4): 313-8, 2013. PMID: 23067335
10. Chen AB, Cronin A, Weeks JC, Chrischilles EA, Malin J, Hayman JA, Schrag D. Palliative Radiation Therapy Practice in Patients with Metastatic Non-Small-Cell Lung Cancer: A Cancer Care Outcomes Research and Surveillance Consortium (CanCORS) Study. J Clin Oncol 31(5):558-64, 2013. PMID: 23295799; PMCID PMC3565181
11. Moga D, Carnahan RM, Lund BC, Pendergast JF, Wallace RB, Torner JC, Yue L, Chrischilles EA. Risks and benefits of bladder antimuscarinics among elderly residents of veterans affairs community living centers. J Am Med Dir Assoc 14(10):749-60, 2013. PMID: 23639715
12. Doucette WR, Chang EH, Pendergast JF, Wright KB, Chrischilles EA, Farris KB. Development and initial assessment of the medication user self-evaluation (MUSE) tool. Clin Ther 35(3):344-50, 2013. PMID: 23453405

13. Chen AB, Cronin A, Weeks JC, Chrischilles EA, Malin J, Hayman JA, Schrag D. Expectations about the effectiveness of radiation therapy among patients with incurable lung cancer. J Clin Oncol 31(21):2730-5, 2013. PMID: 23775958; PMCID PMC3709058
14. Carter BL, Coffey CS, Uribe L, James PA, Egan BM, Ardery G, Chrischilles EA, Ecklund D, VanderWeg M, Vaughn T; Collaboration Among Pharmacists and Physicians to Improve Outcomes Now (CAPTION) trial investigators. Similar blood pressure values across racial and economic groups: baseline data from a group randomized clinical trial. J Clin Hypertens (Greenwich) 15(6):404-12, 2013. PMID: 23730989; PMCID PMC3683891
15. Brooks JM, Tang Y, Chapman CG, Cook EA, Chrischilles EA. What is the effect of area size when using local area practice style as an instrument? J Clin Epidemiol 66(8 suppl):S69-83, 2013. PMID: 23849157; PMCID PMC3718893
16. Doucette WR, Zhang Y, Chrischilles EA, Pendergast JF, Newland BA, Farris KB, Frank J. Factors affecting Medicare Part D beneficiaries' decision to receive comprehensive medication reviews. J Am Pharm Assoc 53(5):482-7, 2013. PMID: 24030125
17. O'Donnell BE, Schneider KM, Brooks JM, Lessman G, Wilwert J, Cook E, Martens G, Wright K, Chrischilles EA. Standardizing medicare payment information to support examining geographic variation in costs. Medicare & Medicaid Research Review 3(3):E1-21, 2013.
18. Baker M, Nguyen M, Mullersman J, Lauer J, Zinderman C, Riedlinger K, Nakasato C, Chrischilles E, Garcia C, Balsbaugh C, Vajani M. PS3-6: Blood safety continuous active-surveillance network feasibility evaluation (Blood-SCAN). Clin Med Res 11(3):169, 2013. PMID: 24086005; PMCID PMC3788538
19. Cook EA, Schneider KM, Chrischilles E, Brooks JM. Accounting for unobservable exposure time bias when using Medicare prescription drug data. Medicare & Medicaid Research Review 3(4), E1-E18, 2013. PMID: 24834364; PMCID PMC4011646
20. Chrischilles EA, Hourcade JP, Doucette W, Eichmann D, Gryzlak B, Lorentzen R, Wright K, Letuchy E, Mueller M, Farris K, Levy B. Personal health records: a randomized trial of effects on elder medication safety. Journal of the American Medical Informatics Association, 21(4):679-686, 2014. PMID: 24326536
21. Carter BL, Chrischilles EA, Rosenthal G, Gryzlak BM, Eisenstein EL, Vander Weg MW. Efficacy and safety of nighttime dosing of antihypertensives: Review of the literature and design of a pragmatic clinical trial. J Clin Hypertens (Greenwich) 16(2):115-21, 2014. PMID: 24373519
22. Chrischilles E, Schneider K, Wilwert J, Lessman G, O'Donnell B, Gryzlak B, Wright K, Wallace R. Beyond comorbidity: Expanding the definition and measurement of complexity among older adults using administrative claims data. Medical Care 52 Suppl 3:S75-84, 2014. PMID: 24561763
23. Chrischilles EA, Doucette W, Farris K, Lindgren S, Gryzlak B, Rubenstein L, Youland K, Wallace RB. Medication therapy management and complex patients with disability: A randomized controlled trial. Annals of Pharmacotherapy 48(2):158-67, 2014. PMID: 24259652

24. Brooks JM, Cook EA, Chapman CG, Kulchaitanaroaj P, Chrischilles EA, Welch S, Robinson J. Geographic variation in statin use for complex acute myocardial infarction patients: evidence of effective care? Med Care 52 Suppl 3:S37-44, 2014. PMID: 24561757
25. Abu-Hejleh T, Chrischilles EA, Halfdanarson TR, Simon C, Pendergast JF, Jiang D, Smith CJ, Porter AT, Carter KD, Wallace RB; Cancer Care Outcomes Research and Surveillance Consortium (CanCORS). The effect of receiving treatment within a clinical trial setting on survival and quality of care perception in advanced stage non-small cell lung cancer. Am J Clin Oncol [Epub ahead of print], 2014. PMID: 24632817
26. McDanel JS, Ward MA, Leder L, Schweizer ML, Dawson JD, Diekema DJ, Smith TC, Chrischilles EA, Perencevich EN, Herwaldt LA. Methicillin-resistant *Staphylococcus aureus* prevention practices in hospitals throughout a rural state. Am J Infect Control 42(8):868-73, 2014. PMID: 25087139
27. Vaughan-Sarrazin MS, Mazur A, Chrischilles E, Cram P. Trends in the pharmacologic management of atrial fibrillation: Data from the Veterans Affairs health system. Am Heart J 168(1):53-59. E1, 2014. PMID: 24952860
28. Vaughan Sarrazin MS, Jones M, Mazur A, Chrischilles E, Cram P. Bleeding rates in Veterans Affairs in patients with atrial fibrillation who switch from warfarin to dabigatran. Am J Med 127(12):1179-85, 2014. PMID: 25107386
29. Cook EA, Schneider KM, Robinson J, Wilwert J, Chrischilles E, Pendergast J, Brooks J. Field methods in medical record abstraction: assessing the properties of comparative effectiveness estimates. BMC Health Serv Res 14(1):391, 2014. PMID: 25223597; PMCID: PMC4169833
30. Brooks JM, Cook E, Chapman CG, Schroeder MC, Chrischilles E, Schneider KM, Kulchaitanaroaj P, Robinson J. Statin use after acute myocardial infarction by patient complexity: Are the rates right? Medical Care 53(4):324-31, 2015. PMID: 25719431
31. Schroeder MC, Lynch CF, Abu-Hejleh T, Chrischilles EA, Thomas A. Chemotherapy use and surgical treatment by receptor subtype in node-negative T1A and T1B female breast cancers, Iowa SEER registry 2010-12. Clinical Breast Cancer 15(1):e27-34, 2015. PMID: 25245424; PMCID PMC4289459
32. Kulchaitanaroaj P, Carter BL, Goedken AM, Chrischilles EA, Brooks JM. Instrumental variable methods to assess quality of care the marginal effects of process-of-care on blood pressure change and treatment costs. Res Social Adm Pharm 11(2):e69-83, 2015. PMID: 25155998
33. McDowell BD, Chapman CG, Smith BJ, Button AM, Chrischilles EA, Mezhir JJ. Pancreatectomy predicts improved survival for pancreatic adenocarcinoma: Results of an instrumental variable analysis. Ann Surg 261(4):740-745, 2015. PMID: 24979599; PMCID PMC4277740
34. Albertson J, McDanel JS, Carnahan R, Chrischilles E, Perencevich EN, Goto M, Jiang L, Alexander B, Schweizer ML. Determination of risk factors for recurrent methicillin-resistant *Staphylococcus aureus* bacteremia in a Veterans Affairs healthcare system population. Infect Control Hosp Epidemiol 36(5):543-9, 2015. PMID: 25682861
35. Tien Y-Y, Link BK, Brooks JM, Wright K, Chrischilles E. Treatment of diffuse large B-cell lymphoma (DLBCL) in the elderly: Regimens without anthracyclines are common and not futile. Leuk Lymphoma 56(1):65-71, 2015. PMID: 24625326

36. Carter BL, Coffey CS, Ardery G, Uribe L, Ecklund D, James P, Egan B, Weg MV, Chrischilles E, Vaughn T. Cluster-randomized trial of a physician/pharmacist collaborative model to improve blood pressure control. Circ Cardiovasc Qual Outcomes 8(3):235-43 2015. PMID: 25805647
37. McDanel JS, Perencevich EN, Diekema DJ, Herwaldt LA, Smith TC, Chrischilles EA, Dawson JD, Jiang L, Goto M, Schweizer ML. Comparative Effectiveness of Beta-lactams versus Vancomycin for Treatment of Methicillin-Susceptible Staphylococcus aureus Bloodstream Infections among 122 Hospitals. Clin Infect Dis. 61(3):361-7, 2015. PMID: 25900170
38. Charlton ME, Stitzenberg KB, Lin C, Schlichting JA, Halfdanarson TR, Juarez GY, Pendergast JF, Chrischilles EA, Wallace RB. Predictors of long-term quality of life for Stage II/III rectal cancer survivors in the Cancer Care Outcomes Research and Surveillance Consortium (CanCORS). Journal of Oncology Practice 11(4):e476-86, 2015. PMID: 26080831
39. Chrischilles, EA, McDowell BD, Rubenstein L, Charlton M, Pendergast J, Juarez GY, Arora NK. Survivorship care planning and its influence on long-term patient-reported outcomes among colorectal and lung cancer survivors: The CanCORS disease-free survivor follow-up study. J Cancer Surviv 9(2):269-78, 2015. PMID: 25354481; PMCID: PMC4416063
40. Carter BL, Levy BT, Gryzlak B, Chrischilles EA, Vander Weg MW, Christensen AJ, James PA, Moss CA, Parker CP, Gums T, Finkelstein RJ, Xu Y, Dawson JD, Polgreen LA. A centralized cardiovascular risk service to improve guideline adherence in private primary offices. Contemp Clin Trials 43:25-32, 2015. PMID: 25952471
41. Carter BL, Coffey CS, Chrischilles EA, Ardery G, Ecklund D, Gryzlak B, Vander Weg MW, James PA, Christensen AJ, Parker CP, Gums T, Finkelstein RJ, Uribe L, Polgreen LA; MEDication focused outpatient care for underutilization of secondary prevention (MEDFOCUS) trial investigators. A cluster-randomized trial of a centralized clinical pharmacy cardiovascular risk service to improve guideline adherence. Pharmacotherapy 35(7):653-62, 2015. PMID: 26111939
42. Lund BC, Carrel M, Gellad W, Chrischilles EA, Kaboli PJ. Incidence- versus prevalence-based measures of inappropriate prescribing in the Veterans Health Administration. J Am Geriatr Soc [Epub ahead of print], 2015. PMID: 26200069
43. Chrischilles EA, Schneider KM, Schroeder MC, Letuchy E, Wallace RB, Robinson JG, Brooks JM. Association of pre-admission functional status with use and effectiveness of secondary prevention medications in elderly survivors of acute myocardial infarction. J Am Geriatr Soc (in press)
44. Doucette WR, Pendergast JF, Zhang Y, Brown G, Chrischilles EA, Farris KB, Frank J. Stimulating comprehensive medication reviews among Medicare Part D beneficiaries. Am J Manag Care 21(6):e372-8, 2015. PMID: 26247578