

CURRICULUM VITAE

THERESA I. SHIREMAN, PHD

CONTACT INFORMATION

Address: Brown University School of Public Health
121 S. Main Street, Box G-S121-6
Providence, RI 02912
Phone: 401-863-3170
Fax: 401-863-3489
E-mail: Theresa_Shireman@Brown.Edu

EDUCATION

1985 Bachelor of Science, Pharmacy, Drake University, Des Moines, IA
1992 Master of Science, Pharmaceutical Health Services Research, University of Iowa
College of Pharmacy, Iowa City, IA
1996 Doctor of Philosophy, Pharmaceutical Health Services Research, University of
Wisconsin-Madison, School of Pharmacy, Madison, WI

ADMINISTRATIVE EXPERIENCE

2020 - 2022 Vice Chair, Department of Health Services Policy & Practice, Brown University,
School of Public Health, Providence, RI
2019- Director, Center for Gerontology & Healthcare Research, Brown University School
of Public Health, Providence, RI

ACADEMIC APPOINTMENTS

1997-1999 Assistant Professor (Tenure Track), University of Cincinnati College of Pharmacy,
Cincinnati, OH
2000-2003 Assistant Professor (Tenure Track), University of Kansas School of Pharmacy,
Lawrence, KS
2003-2005 Associate Professor (Tenured), University of Kansas School of Pharmacy,
Lawrence, KS
2006-2012 Associate Professor (Tenured), Department of Preventive Medicine and Public
Health, University of Kansas School of Medicine, Kansas City, KS
2012-2015 Professor (Tenured), KUMC, School of Medicine, Departments of Preventive
Medicine & Public Health and Health Policy & Management, Kansas City, KS
2015- Professor (Tenured), Department of Health Services Policy & Practice and Center
for Gerontology & Healthcare Research, Brown University School of Public
Health, Providence, RI

OTHER APPOINTMENTS

1997-1999 Faculty Research Fellow, University of Cincinnati College of Medicine, Institute for
Health Policy & Health Services Research, Cincinnati, OH
2003-2015 Affiliate Faculty, University of Kansas Gerontology Center, Lawrence, KS

2003-2015	Associate Scientist, University of Kansas Medical Center (KUMC), Landon Center on Aging, Kansas City, KS
2011-2015	Affiliate Faculty, KUMC, School of Medicine, Kidney Institute, Kansas City, KS

PROFESSIONAL LICENSES AND CERTIFICATIONS

1986	Iowa, #16704 (inactive)
1998	Ohio, 03-1-23009 (inactive)

HONORS AND AWARDS

1991 – 1993	AFPE Fellowship
1993 – 1994	Wakeman/Hammel Fellowship in Pharmacy Administration
1993 – 1994	AFPE-NARD Association Fellowship in Pharmacy Administration
1997	Rennebohm Dissertation Research Award
1998	NIH Interdisciplinary Training in Outcomes Research
1998 – 2000	AFPE Springboard to Teaching Fellowship
2003	Presidential Poster Session, American Geriatrics Society
2004	Presidential Poster Session, American Geriatrics Society
2004	Best Health Services Research Paper, American Geriatrics Society
2009	Excellence in Public Health Teaching Award, KUMC Preventive Medicine
2010	Best Original Research, College of Psychiatric and Neurologic Pharmacists (Moeller)
2011	Best Epidemiology Paper, American Geriatrics Society (Rigler)
2014	APhA Wiederholt Prize, <i>Journal of the American Pharmacist Association</i> (Svarstad)
2019	Top 3 Presentations, North American Young Rheumatology Investigator Forum (Dalal)
2024	APhA Wiederholt Prize, <i>Journal of the American Pharmacist Association</i> (Svarstad)

MEMBERSHIP IN SOCIETIES

1990 – 2009	American Pharmacists Association
1990 – 2008	American Public Health Association
1994 – 2005	American Association of Colleges of Pharmacy <ul style="list-style-type: none"> • Chair, Curriculum Committee SAdS Division, 2001-2002 • Planning Committee, 2002-2003 Curriculum Committee, 2000-2005
1994 – 2010	Academy Health
2006 – 2008	American Society of Health Economists/International Health Economists Association
2008 – 2012	American Society of Nephrology
2009 - 2014	Kansas Public Health Association <ul style="list-style-type: none"> • Chair, Research & Evaluation Section: 2009-2011 Secretary: 2012-2013
2002 – present	American Geriatrics Society
2006 – present	International Society for Pharmacoepidemiology

DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

1997-1999	Service to the University of Cincinnati
1998-1999	University of Cincinnati Faculty Senate
1999	Pediatrics Faculty Search committee
1999	Equipment Committee
1998-1999	Graduate Program Committee
1997-1998	Task Force to Strengthen/Enhance Professional Education Programmatic Committee Subcommittee Chair: Clinical Studies, Pharmacoeconomics, Statistics and informatics Subcommittee: Health Care System, Management, marketing, and Practice Subcommittee: PharmD Tracking Program
2000-2005	Service to the University of Kansas (Lawrence Campus)
2002-2003	Summer Fulbright Faculty Mentor
2003-04	Pharmacy Dean Search Committee
2003-2004	General Education Assessments
2000-2005	Service to the University of Kansas School of Pharmacy Committees
2001	Vice Chair – Pharmacy Practice Search Committee
2001-02	Pharmacy Practice Faculty Search Committee (3 positions)
2001-02	Non-thesis MS Guidelines, Ad-Hoc Committee
2003	PHPR Graduate Program Task Force, Chair
2001-04	Academic Standards and Admissions Committee
2003-05	Director, Multicultural Pharmacy Scholars Program
2005	Curriculum Assessment Committee
2006-2015	Service to the University of Kansas Medical Center (Kansas City)
2006-2011	K30 Executive Committee
2006-2007	Faculty Senate Leader, Health Services Research Interest Group, PRVM Preventive Medicine & Public Health Internal Advisory Committee MPH Admissions Committee Institute for Community and Public Health Research Subcommittee Chair, Joint Tenure & Promotion Committee, PRVM & HP&M Internal Medicine K12 Advisory Board MS-CR Curriculum Committee Preventive Medicine & Public Health Faculty Search Committee Health Policy and Management Faculty Search Committee Department of Medicine OSARM (Office of Scholarly, Academic & Research Mentoring), Frontiers/CTSA Responsibilities Associate Director, CTREC Director, T32/TL1 Training Program, MS-CR Program Director & Executive Committee MPH Curriculum Committee Diversity & Inclusion Cabinet, State Level Professional Service Activities
2008	Kansas Health Policy Authority, Reviewer, External contract bids for Data Analytic Interface

2011	Kansas Department of Health and Environment Lt. Governor Colyer's Medicaid Reform Workgroups Medicaid Reform Data Workgroup Pharmacy Services Steering Committee
2012-14	Kansas Department of Health and Environment, Division of Health Care Finance KanCare Health Homes State Plan Amendment Health Homes Planning Team Chair, Target Subpopulations Workgroup Quality Workgroup
2015- 2016	Service to Brown University Facilitator, First Readings, <i>My Beloved World</i> by Sonya Sotomayor, Sept 2016 <i>The Tsar of Love and Techno</i> by Anthony Marra, Sept 2017
2016	University Tenure, Promotion, Appointment Committee, (temporary replacement)
2017	Hack Health, mentor
2018	LGBTQ+ Career Con panelist, Fostering a Mentorship Relationship in Health Care
2019	Advance CTR Pilot Projects reviewer
2019	WiSTEM Poster reviewer
2020-2023	Procedural Integrity Committee, Member
	Service to Brown University School of Public Health & School of Medicine
2017	Panel moderator, <i>The Immortal Life of Henrietta Lacks</i>
2023-2024	Brown Innovation and Research Collaboration for Health (BIRCH) Research Operations and Policy Committee
	Service to Brown University School of Public Health
2015-2019	MPH Core Advising
2016-2020	Health Data Science Working Group
2016-2020	Diversity and Inclusion Committee
2017	Public Health Recruitment Working Group
2016-2019	Pharmacoepidemiology Research Group Leader
2017-2022	Clinical Translational Research Academic Oversight Committee
2018	Interim Director of Graduate Studies, HSPP
2018	Interim Department Chair, HSPP
2021	Operational Planning-Recruitment Subcommittee
2021	Nora Kahn Selection Committee Member
2022-present	Gerontology/OIT Steering Committee
	Service to Brown University HSPP Department
2015-2021	Doctoral Admissions Committee
2016-2022	Doctoral Curriculum Evaluation
2016-Present	Departmental Senior Faculty Tenure & Promotion Reviews
2016-2018	Optum Data Access
2016-2020	Diversity and Inclusion Plan (DIAP): Chair
2019 (Nov)	Unconscious Bias Seminar: 11 things you should not say to a female colleague
2020 (Jan)	Unconscious Bias Seminar: LGBTQ colleagues
2016-2021	AHRQ Executive Committees (Post-doc selection committees)

	<ul style="list-style-type: none"> • 2T32 HS000011-28 (Mor) AHRQ National Research Service Award • 2T32 AG023482-08A1(Mor) Aging Health & Health Services Research Training • Patient Centered Outcomes Research (PCOR) Institutional Mentored Career Development Program (K12), Center for Evidence-Based Medicine (Trikalinos), 2015
2017-2021	Center for Gerontology & Healthcare Research Executive Committee
2021-Present	Chair, Center for Gerontology & Healthcare Research Operations Management Committee
2021-2023	Chair, Center for Gerontology & Healthcare Research Strategic Initiatives Advisory Committee
2021-2022	Chair, HSPP Promotion Committee, Assistant to Associate
2023-2024	Chair, HSPP Promotion Committee, Assistant to Associate
2024-2025	Chair, HSPP Promotion Committee, Associate to Full
2024-present	Chair, HSPP Department Appointment/Promotion Criteria Revision

Service to Brown University Faculty Searches

2015-2016	Health Services Policy & Practice, Non-tenure track
2015-2016	Health Services Policy & Practice, Tenure track
2015-2016	Center for Evidence-Based Medicine, Non-tenure track
2016-2018	Center for Gerontology & Healthcare Research, Non-tenure track
2018-2019	Chair, HSPP-EMHL Joint Position, Open Rank Tenure-Track
2020-2021	Peterson Endowed Assistant Professor, Tenure track
2020-2021	Chair, Health Services Policy Practice, Non-tenure track
2021-2022	Chair, Online MPH Teaching Scholar Search (3 hires)
2023-2024	Chair, Center for Gerontology & Healthcare Research, Non-tenure track

NATIONAL OR INTERNATIONAL SERVICE

Grant Application Review Boards

2010-2014	National Institutes of Health, Health Services Organization and Delivery Study Section (HSOD) Review Panel, Permanent Member
12/2013	National Institutes of Health, NIDDK, ZDK1 GRB-J J2 USRDS Special Study Centers (U01), Ad-Hoc Reviewer
2015	National Institutes of Health, NIDDK, ZDK1 GRB-G (M1) L & (M2) M Special Emphasis Panels
2015	NCATS Special Emphasis Panel/Scientific Review Group (2015/05 ZTR1 CI-8 (01), April 2015)
2016	National Institutes of Health, Special Emphasis Panel, NIDDK-KUH-Fellowship & Member CO
2016	NCATS Research Project – NCATS ZTR1 CI-9 (U01) CTSA Collaborative Innovation Award <ul style="list-style-type: none"> •Pre-application Review, September 2015 •Application Review, May 2016
2016-2020	Patterson & Seery Grant Review, Health Resources in Action, The Medical Foundation
2017	National Institutes of Health, Special Emphasis Panel, NIDDK-KUH-Fellowship & Member CO

2018	National Institutes of Health, Special Emphasis Panel, NIDDK-KUH-Fellowship & Member CO
2018	Rhode Island IDeA Network of Biomedical Research Excellence- (RI-INBRE): early career development proposal (Committee Member)
2019, 2020	Advance CTR Pilot Projects, Brown University
2021	NIH Special Emphasis Panel, ZRG1 HDM-T (Chair), Nov 2021
2022	NIH Special Emphasis Panel, ZRG1 HSS-G90 (Co-Chair), July 2022

SERVICE TO OTHER INSTITUTIONS

Tenure & Promotion Reviews

2015	Associate to Full promotion, University of Connecticut School of Medicine, Department of Medicine
2015	Assistant to Associate with Tenure, University of Rochester School of Medicine
2016	Assistant to Associate with Tenure, University of Iowa College of Pharmacy
2018	Assistant to Associate with Tenure, University of Florida College of Pharmacy
2018	Assistant to Associate Research, University of Kansas School of Medicine
2019	Assistant to Associate with Tenure, University of Kansas School of Medicine
2020	Assistant to Associate with Tenure, University of Florida College of Pharmacy
2020	Associate to Full with Tenure, Northeastern University

PUBLICATIONS IN PEER-REVIEWED JOURNALS

An * denotes papers with trainee(s) (professional or graduate students and/or post-doctoral fellows).

1. Chrischilles E, **Shireman T**, Wallace R. Costs and health effects of osteoporotic fractures. *Bone*. 1994;15(4):377-86. PMID: 7917575.
2. **Shireman TI**, Hilsenrath PE, Strauss RG, Widness JA, Mutnick AH. Recombinant human erythropoietin vs transfusions in the treatment of anemia of prematurity. A cost-benefit analysis. *Arch Pediatr Adolesc Med*. 1994;148(6):582-8. Epub 1994/06/01. doi: 10.1001/archpedi.1994.02170060036006. PMID: 8193681.
3. **Shireman TI**, Svarstad BL, Sweeney K. Validity of claims data for long-acting injectable medications. *J Pharmacoepidemiol*. 1999; 7(2):41-55.
4. **Shireman TI**, Kreling DH. Impact of third party penetration and competition on community pharmacies' profits, *J Res Pharmaceut Econ*. 2000;10(1):7-28
5. Zink T, **Shireman T**. Teen compliance with contraception. Analysis Of the ohio medicaid claims data. *J Pediatr Adolesc Gynecol*. 2000;13(2):97. PMID: 10869992.
6. Mrus JM, **Shireman TI**, Moomaw CJ, Tsevat J. Development of an HIV research database using Medicaid claims data. *AIDS & Public Policy Journal*. 2001;16:48-54.
7. Martin JE, **Shireman TI**, First MR, Whiting JF. Quality of life following solid organ transplantation in Medicaid beneficiaries. *Transplant Proc*. 2001;33(1-2):1909. Epub 2001/03/27. doi: 10.1016/s0041-1345(00)02709-3. PMID: 11267565.
8. **Shireman TI**, Martin JE, Whiting JF. The cost of transplant graft maintenance following solid organ transplantation. *Transplant Proc*. 2001;33(1-2):1920-1. Epub 2001/03/27. doi: 10.1016/s0041-1345(00)02813-x. PMID: 11267570.
9. **Shireman TI**, Tsevat J, Goldie SJ. Time costs associated with cervical cancer screening. *Int J Technol Assess Health Care*. 2001;17(1):146-52. Epub 2001/05/02. doi: 10.1017/s0266462301104137. PMID: 11329841.

10. Svarstad BL, **Shireman TI**, Sweeney JK. Using drug claims data to assess the relationship of medication adherence with hospitalization and costs. *Psychiatr Serv.* 2001;52(6):805-11. doi: 10.1176/appi.ps.52.6.805. PMID: 11376229.
11. Howard PA, **Shireman TI**, Dhingra A, Ellerbeck EF, Fincham JE. Patterns of ACE inhibitor use in elderly medicaid patients with heart failure. *Am J Geriatr Cardiol.* 2002;11(5):287-94. doi: 10.1111/j.1076-7460.2002.01212.x. PMID: 12214166.
12. **Shireman TI**, Hornung RW, Ho M, Moomaw CJ, Jang R. Medicaid managed care prescription use and costs savings. *J Am Pharm Assoc (Wash).* 2002 Jul-Aug;42:587-593. Epub 2002/08/02. doi: 10.1331/108658002763029562. PMID: 12150357.
13. ***Shireman TI**, Kelsey KA. Prescribing patterns and retreatment rates in patients with otitis media. *Clin Drug Eval.* 2002;22(5):303-311.
14. **Shireman TI**. Prescription utilization and cost differences among three therapeutic classes between Medicaid fee-for-service and managed care enrollees. *J Res Pharmaceut Econ.* 2002;12(2):69-86.
15. **Shireman TI**, Braman KS. Impact and cost-effectiveness of respiratory syncytial virus prophylaxis for Kansas medicaid's high-risk children. *Arch Pediatr Adolesc Med.* 2002;156(12):1251-5. Epub 2002/11/28. doi: 10.1001/archpedi.156.12.1251. PMID: 12444839.
16. **Shireman TI**, Heaton PC, Gay WE, Cluxton RJ, Moomaw CJ. Relationship between asthma drug therapy patterns and healthcare utilization. *Ann Pharmacother.* 2002;36(4):557-64. doi: 10.1345/aph.1A067. PMID: 11918499.
17. ***Shireman TI**, Olson BM, Dewan NA. Patterns of antidepressant use among children and adolescents. *Psychiatr Serv.* 2002;53(11):1444-50. Epub 2002/10/31. doi: 10.1176/appi.ps.53.11.1444. PMID: 12407273.
18. Zink TM, **Shireman TI**, Ho M, Buchanan T. High-risk teen compliance with prescription contraception: an analysis of Ohio Medicaid claims. *J Pediatr Adolesc Gynecol.* 2002;15(1):15-21. Epub 2002/03/13. doi: 10.1016/s1083-3188(01)00134-6. PMID: 11888805.
19. Rigler SK, Perera S, Jachna C, **Shireman TI**, Eng M. Comparison of the association between disease burden and inappropriate medication use across three cohorts of older adults. *Am J Geriatr Pharmacother.* 2004;2(4):239-47. Epub 2005/05/21. doi: 10.1016/j.amjopharm.2004.12.003. PMID: 15903282.
20. **Shireman TI**, Howard PA, Kresowik TF, Ellerbeck EF. Combined anticoagulant-antiplatelet use and major bleeding events in elderly atrial fibrillation patients. *Stroke.* 2004;35(10):2362-7. Epub 2004/08/28. doi: 10.1161/01.STR.0000141933.75462.c2 PMID: 15331796.
21. **Shireman TI**, Rigler SK. Penny wise, pound wise: a comparison of Medicaid expenditures for home and community-based services versus nursing facility care for older adults. *Home Health Care Serv Q.* 2004;23(4):15-28. Epub 2005/03/22. doi: 10.1300/J027v23n04_02. PMID: 15778150.
22. Howard PA, **Shireman TI**. Heart failure drug utilization patterns for Medicaid patients before and after a heart failure-related hospitalization. *Congest Heart Fail.* 2005;11(3):124-8. Epub 2005/06/11. doi: 10.1111/j.1527-5299.2005.03872.x. PMID: 15947532.
23. Jachna CM, **Shireman TI**, Whittle J, Ellerbeck EF, Rigler SK. Differing patterns of antiresorptive pharmacotherapy in nursing facility residents and community dwellers. *J Am Geriatr Soc.* 2005;53(8):1275-81. Epub 2005/08/05. doi: 10.1111/j.1532-5415.2005.53401.x. PMID: 16078951.
24. Rigler SK, Jachna CM, Perera S, **Shireman TI**, Eng ML. Patterns of potentially inappropriate medication use across three cohorts of older Medicaid recipients. *Ann Pharmacother.* 2005;39(7-8):1175-81. Epub 2005/06/02. doi: 10.1345/aph.1E581. PMID: 15928259.

25. **Shireman TI**, Reichard A, Rigler SK. Psychotropic medication use among Kansas Medicaid youths with disabilities. *J Child Adolesc Psychopharmacol*. 2005;15(1):107-15. Epub 2005/03/03. doi: 10.1089/cap.2005.15.107. PMID: 15741792.
26. **Shireman TI**, Rigler SK, Jachna CM, Griebing TL, Eng ML. The cost effect of newer medication adoption in an older Medicaid cohort. *J Am Geriatr Soc*. 2005;53(8):1366-73. Epub 2005/08/05. doi: 10.1111/j.1532-5415.2005.53419.x. PMID: 16078963.
27. Moeller KE, **Shireman TI**, Liskow BI. Relapse rates in patients with schizophrenia receiving aripiprazole in comparison with other atypical antipsychotics. *J Clin Psychiatry*. 2006;67(12):1942-7. Epub 2006/12/30. doi: 10.4088/jcp.v67n1215. PMID: 17194273.
28. **Shireman TI**, Mahnken JD, Howard PA, Kresowik TF, Hou Q, Ellerbeck EF. Development of a contemporary bleeding risk model for elderly warfarin recipients. *Chest*. 2006;130(5):1390-6. Epub 2006/11/14. doi: 10.1378/chest.130.5.1390. PMID: 17099015.
29. **Shireman TI**, Rigler SK. Predictors of the selection of coxibs over nonselective NSAIDs in an older Medicaid cohort. *Am J Geriatr Pharmacother*. 2006;4(3):210-8. Epub 2006/10/26. doi: 10.1016/j.amjopharm.2006.09.004. PMID: 17062321.
30. Rigler SK, **Shireman TI**, Kallenbach L. Predictors of long-acting opioid use and oral versus transdermal route among older Medicaid beneficiaries. *Am J Geriatr Pharmacother*. 2007;5(2):91-9. Epub 2007/08/28. doi: 10.1016/j.amjopharm.2007.05.002. PMID: 17719511.
31. **Shireman TI**, Hall JP, Rigler SK, Moore JM. Medicaid's expenditures for newer pharmacotherapies for adults with disabilities. *Health Care Financ Rev*. 2007;28(4):31-41. Epub 2007/08/29. PMID: 17722749; PMCID: 4194999.
32. *Trewet CB, **Shireman TI**, Rigler SK, Howard PA. Do ACE Inhibitors/Angiotensin II type 1 receptor antagonists reduce hospitalisations in older patients with heart failure? A propensity analysis. *Drugs Aging*. 2007;24(11):945-55. Epub 2007/10/24. doi: 10.2165/00002512-200724110-00006. PMID: 17953461.
33. Ellerbeck EF, Mahnken JD, Cupertino AP, Cox LS, Greiner KA, Mussulman LM, Nazir N, **Shireman TI**, Resnicow K, Ahluwalia JS. Effect of varying levels of disease management on smoking cessation: a randomized trial. *Ann Intern Med*. 2009;150(7):437-46. Epub 2009/04/08. doi: 10.7326/0003-4819-150-7-200904070-00003. PMID: 19349629; PMCID: 2825176.
34. Svarstad BL, Kotchen JM, **Shireman TI**, Crawford SY, Palmer PA, Vivian EM, Brown RL. The Team Education and Adherence Monitoring (TEAM) trial: pharmacy interventions to improve hypertension control in blacks. *Circ Cardiovasc Qual Outcomes*. 2009;2(3):264-71. Epub 2009/12/25. doi: 10.1161/CIRCOUTCOMES.109.849992. PMID: 20031847; PMCID: 2787470.
35. Wetmore JB, **Shireman TI**. The ABCs of cardioprotection in dialysis patients: a systematic review. *Am J Kidney Dis*. 2009;53(3):457-66. Epub 2008/11/22. doi: 10.1053/j.ajkd.2008.07.037. PMID: 19022545.
36. James AS, **Shireman TI**. Case managers' and independent living counselors' perspectives on health promotion activities for individuals with physical and developmental disabilities. *J Soc Work Disabil Rehabil*. 2010;9(4):274-88. Epub 2010/11/26. doi: 10.1080/1536710X.2010.523652. PMID: 21104516.
37. Moeller KE, **Shireman TI**, Generali J, Rigler S, Mayorga A. Pharmacy students' knowledge of black box warnings. *Am J Pharm Educ*. 2010;74(1):5. Epub 2010/03/12. doi: 10.5688/aj740105. PMID: 20221356; PMCID: 2829153.
38. ***Shireman TI**, Almeshmi A, Wetmore JB, Lu J, Pregonzer M, Quarles LD. Economic analysis of cinacalcet in combination with low-dose vitamin D versus flexible-dose vitamin D in treating secondary hyperparathyroidism in hemodialysis patients. *Am J Kidney Dis*. 2010;56(6):1108-16. Epub 2010/10/19. doi: 10.1053/j.ajkd.2010.07.012. PMID: 20951487.

39. **Shireman TI**, Reichard A, Nazir N, Backes JM, Greiner KA. Quality of diabetes care for adults with developmental disabilities. *Disabil Health J.* 2010;3(3):179-85. Epub 2010/12/03. doi: 10.1016/j.dhjo.2009.10.004. PMID: 21122783.
40. Wetmore JB, Rigler SK, Mahnken JD, Mukhopadhyay P, **Shireman TI**. Considering health insurance: how do dialysis initiates with Medicaid coverage differ from persons without Medicaid coverage? *Nephrol Dial Transplant.* 2010;25(1):198-205. Epub 2009/09/09. doi: 10.1093/ndt/gfp396. PMID: 19736241; PMCID: 2910325.
41. Choi WS, Faseru B, Beebe LA, Greiner AK, Yeh HW, **Shireman TI**, Talawyma M, Cully L, Kaur B, Daley CM. Culturally-tailored smoking cessation for American Indians: study protocol for a randomized controlled trial. *Trials.* 2011;12:126. Epub 2011/05/20. doi: 10.1186/1745-6215-12-126. PMID: 21592347; PMCID: 3117716.
42. Moeller KE, Rigler SK, Mayorga A, Nazir N, **Shireman TI**. Quality of monitoring for metabolic effects associated with second generation antipsychotics in patients with schizophrenia on public insurance. *Schizophr Res.* 2011;126(1-3):117-23. Epub 2010/12/21. doi: 10.1016/j.schres.2010.11.015. PMID: 21168994.
43. Rigler SK, Ellerbeck E, Whittle J, Mahnken J, Cook-Wiens G, **Shireman TI**. Comparing methods to identify hip fracture in a nursing home population using Medicare claims. *Osteoporos Int.* 2011;22(1):57-61. Epub 2010/05/27. doi: 10.1007/s00198-010-1264-8. PMID: 20503037; PMCID: 2990808.
44. Wetmore JB, Mahnken JD, Mukhopadhyay P, Hou Q, Ellerbeck EF, Rigler SK, Spertus JA, **Shireman TI**. Geographic variation in cardioprotective antihypertensive medication usage in dialysis patients. *Am J Kidney Dis.* 2011;58(1):73-83. Epub 2011/05/31. doi: 10.1053/j.ajkd.2011.02.387. PMID: 21621889; PMCID: 3141225.
45. Reichard A, Stolzle H, Sella AC, **Shireman TI**. Quality of diabetes care for adults with physical disabilities in Kansas. *Disabil Health J.* 2012;5(1):34-40. Epub 2012/01/10. doi: 10.1016/j.dhjo.2011.09.003. PMID: 22226296.
46. Richter KP, Faseru B, Mussulman LM, Ellerbeck EF, **Shireman TI**, Hunt JJ, Carlini BH, Preacher KJ, Ayars CL, Cook DJ. Using "warm handoffs" to link hospitalized smokers with tobacco treatment after discharge: study protocol of a randomized controlled trial. *Trials.* 2012;13:127. Epub 2012/08/03. doi: 10.1186/1745-6215-13-127. PMID: 22853047; PMCID: 3495904.
47. *Wetmore JB, Mahnken JD, Mukhopadhyay P, Hou Q, Ellerbeck EF, Rigler SK, Spertus JA, **Shireman TI**. Geographic variation in HMG-CoA reductase inhibitor use in dialysis patients. *J Gen Intern Med.* 2012;27(11):1475-83. Epub 2012/06/15. doi: 10.1007/s11606-012-2112-7. PMID: 22696256; PMCID: 3475809.
48. *Wetmore JB, Mahnken JD, Rigler SK, Ellerbeck EF, Mukhopadhyay P, Hou Q, **Shireman TI**. Association of race with cumulative exposure to statins in dialysis. *Am J Nephrol.* 2012;36(1):90-6. Epub 2012/06/29. doi: 10.1159/000339626. PMID: 22739257; PMCID: 3417827.
49. Hui SKA, Engelman K, **Shireman TI**, Hunt S, Ellerbeck EF. Opportunities for cancer prevention using employee wellness programs: The case of Kansas state employees. *Am J Health Ed* 2012;43(4):226-32.
50. *Wetmore JB, Mahnken JD, Rigler SK, Ellerbeck EF, Mukhopadhyay P, Spertus JA, Hou Q, **Shireman TI**. The prevalence of and factors associated with chronic atrial fibrillation in Medicare/Medicaid-eligible dialysis patients. *Kidney Int.* 2012;81(5):469-76. Epub 2011/12/23. doi: 10.1038/ki.2011.416. PMID: 22189842; PMCID: 3891593.
51. *Leon-Salas A, Richter K, Cupertino AP, **Shireman TI**. Participacion y opiniones de farmaceuticos costarricenses en la cesacion del uso del tabaco (Costa Rican pharmacists' participation and opinions on smoking cessation). *Rev Costarr Salud Publica* 2012;21:3-8.

52. Hui SK, Engelman KK, **Shireman TI**, Ellerbeck EF. Adherence to cancer screening guidelines and predictors of improvement among participants in the Kansas State Employee Wellness Program. *Prev Chronic Dis*. 2013;10:E115. Epub 2013/07/13. doi: 10.5888/pcd10.120212. PMID: 23845176; PMCID: 3711498.
53. Rigler SK, **Shireman TI**, Cook-Wiens GJ, Ellerbeck EF, Whittle JC, Mehr DR, Mahnken JD. Fracture risk in nursing home residents initiating antipsychotic medications. *J Am Geriatr Soc*. 2013;61(5):715-22. Epub 2013/04/18. doi: 10.1111/jgs.12216. PMID: 23590366; PMCID: 3656141.
54. *Rigler SK, Wetmore JB, Mahnken JD, Dong L, Ellerbeck EF, **Shireman TI**. Impact of a modified data capture period on Liu comorbidity index scores in Medicare enrollees initiating chronic dialysis. *BMC Nephrol*. 2013;14:51. Epub 2013/03/01. doi: 10.1186/1471-2369-14-51. PMID: 23446357; PMCID: 3599670.
55. **Shireman TI**, Reichard A, Hunt SL. Learning your ABDs: variation in health care utilization across Kansas Medicaid disability groups. *Disabil Health J*. 2013;6(3):220-6. Epub 2013/06/19. doi: 10.1016/j.dhjo.2013.02.001. PMID: 23769481.
56. Svarstad BL, Kotchen JM, **Shireman TI**, Brown RL, Crawford SY, Mount JK, Palmer PA, Vivian EM, Wilson DA. Improving refill adherence and hypertension control in black patients: Wisconsin TEAM trial. *J Am Pharm Assoc (2003)*. 2013;53(5):520-9. Epub 2013/09/14. doi: 10.1331/JAPhA.2013.12246. PMID: 24030130; PMCID: 4930551.
57. Vacek JL, Hunt SL, **Shireman T**. Hypertension medication use and adherence among adults with developmental disability. *Disabil Health J*. 2013;6(4):297-302. PMID: 24060252.
58. *Wangia V, **Shireman TI**. A review of geographic variation and Geographic Information Systems (GIS) applications in prescription drug use research. *Res Social Adm Pharm*. 2013;9(6):666-87. pub 2013/01/22. doi: 10.1016/j.sapharm.2012.11.006. PMID: 23333430; PMCID: 4160030.
59. *Wetmore JB, Ellerbeck EF, Mahnken JD, Phadnis M, Rigler SK, Mukhopadhyay P, Spertus JA, Zhou X, Hou Q, **Shireman TI**. Atrial fibrillation and risk of stroke in dialysis patients. *Ann Epidemiol*. 2013;23(3):112-8. Epub 2013/01/22. doi: 10.1016/j.annepidem.2012.12.011. PMID: 23332588; PMCID: 3570646.
60. *Wetmore JB, Ellerbeck EF, Mahnken JD, Phadnis MA, Rigler SK, Spertus JA, Zhou X, Mukhopadhyay P, **Shireman TI**. Stroke and the "stroke belt" in dialysis: contribution of patient characteristics to ischemic stroke rate and its geographic variation. *J Am Soc Nephrol*. 2013;24(12):2053-61. Epub 2013/08/31. doi: 10.1681/ASN.2012111077. PMID: 23990675; PMCID: 3839545.
61. *Wetmore JB, Mahnken JD, Rigler SK, Ellerbeck EF, Mukhopadhyay P, Hou Q, **Shireman TI**. Impact of race on cumulative exposure to antihypertensive medications in dialysis. *Am J Hypertens*. 2013;26(2):234-42. Epub 2013/02/06. doi: 10.1093/ajh/hps019. PMID: 23382408; PMCID: 3626037.
62. Befort CA, Klemp JR, Fabian C, Perri MG, Sullivan DK, Schmitz KH, Diaz FJ, **Shireman T**. Protocol and recruitment results from a randomized controlled trial comparing group phone-based versus newsletter interventions for weight loss maintenance among rural breast cancer survivors. *Contemp Clin Trials*. 2014;37(2):261-71. PMID: 24486636; PMCID: 3992482.
63. Mussulman L, Ellerbeck EF, Cupertino AP, Preacher KJ, Spaulding R, Catley D, Cox LS, Lambart L, Hunt JJ, Nazir N, **Shireman T**, Richter KP. Design and participant characteristics of a randomized-controlled trial of telemedicine for smoking cessation among rural smokers. *Contemp Clin Trials*. 2014;38(2):173-81. PMID: 24768940; PMCID: 4104259.
64. *Phadnis MA, **Shireman TI**, Wetmore JB, Rigler SK, Zhou X, Spertus JA, Ellerbeck EF, Mahnken JD. Estimation of Drug Effectiveness by Modeling Three Time-dependent Covariates: An Application to Data on Cardioprotective Medications in the Chronic Dialysis

- Population. *Stat Biopharm Res.* 2014;6(3):229-40. Epub 2014/10/25. doi: 10.1080/19466315.2014.920275. PMID: 25343005; PMCID: 4203430.
65. ***Shireman TI**, Phadnis MA, Wetmore JB, Zhou X, Rigler SK, Spertus JA, Ellerbeck EF, Mahnken JD. Antihypertensive medication exposure and cardiovascular outcomes in hemodialysis patients. *Am J Nephrol.* 2014;40(2):113-22. Epub 2014/08/21. doi: 10.1159/000365255. PMID: 25139551; PMCID: 4175183.
 66. *Wetmore JB, Phadnis MA, Mahnken JD, Ellerbeck EF, Rigler SK, Zhou X, **Shireman TI**. Race, ethnicity, and state-by-state geographic variation in hemorrhagic stroke in dialysis patients. *Clin J Am Soc Nephrol.* 2014;9(4):756-63. Epub 2014/01/25. doi: 10.2215/CJN.06980713. PMID: 24458073; PMCID: 3974358.
 67. Hall JP, Kurth NK, Chapman SL, **Shireman TI**. Medicaid managed care: issues for beneficiaries with disabilities. *Disabil Health J.* 2015;8(1):130-5. Epub 2014/10/05. doi: 10.1016/j.dhjo.2014.08.010. PMID: 25281036.
 68. Richter KP, **Shireman TI**, Ellerbeck EF, Cupertino AP, Catley D, Cox LS, Preacher KJ, Spaulding R, Mussulman LM, Nazir N, Hunt JJ, Lambart L. Metadata Correction: Comparative and Cost Effectiveness of Telemedicine Versus Telephone Counseling for Smoking Cessation. *Journal of medical Internet research.* 2015;17(6):e124. Epub 2015/06/16. doi: 10.2196/jmir.4642. PMID: 26075409; PMCID: 5083114.
 69. Richter KP, **Shireman TI**, Ellerbeck EF, Cupertino AP, Catley D, Cox LS, Preacher KJ, Spaulding R, Mussulman LM, Nazir N, Hunt JJ, Lambart L. Comparative and cost effectiveness of telemedicine versus telephone counseling for smoking cessation. *J Med Internet Res.* 2015;17(5):e113. Epub 2015/05/10. doi: 10.2196/jmir.3975. PMID: 25956257; PMCID: PMC4468596.
 70. **Shireman TI**. Community Pharmacy and Blood Pressure Control. *Circulation.* 2015;132(2):75-6. Epub 2015/06/13. doi: 10.1161/CIRCULATIONAHA.115.017395. PMID: 26063763.
 71. **Shireman TI**. Capsule commentary on Ingebrigsten et al., Low use and adherence to maintenance medication in chronic obstructive pulmonary disease in the general population. *J Gen Intern Med.* 2015;30(1):96. Epub 2014/11/12. doi: 10.1007/s11606-014-3092-6. PMID: 25385211; PMCID: 4284277.
 72. *Tang Y, Brooks JM, Wetmore JB, **Shireman TI**. Association between higher rates of cardioprotective drug use and survival in patients on dialysis. *Res Social Adm Pharm.* 2015;11(6):824-43. Epub 2015/02/07. doi: 10.1016/j.sapharm.2014.12.007. PMID: 25657171; PMCID: 4490138.
 73. *Uysal U, Quigg M, Bittel B, Hammond N, **Shireman TI**. Intravenous anesthesia in treatment of nonconvulsive status epilepticus: Characteristics and outcomes. *Epilepsy Res.* 2015;116:86-92. Epub 2015/08/19. doi: 10.1016/j.epilepsyres.2015.07.005. PMID: 26280805; PMCID: 4593398.
 74. *Wetmore JB, Mahnken JD, Phadnis MA, Ellerbeck EF, **Shireman TI**. Relationship between calcium channel blocker class and mortality in dialysis. *Pharmacoepidemiol Drug Saf.* 2015;24(12):1249-58. Epub 2015/09/16. doi: 10.1002/pds.3869. PMID: 26371369; PMCID: 4715475.
 75. *Wetmore JB, Phadnis MA, Ellerbeck EF, **Shireman TI**, Rigler SK, Mahnken JD. Relationship between stroke and mortality in dialysis patients. *Clin J Am Soc Nephrol.* 2015;10(1):80-9. Epub 2014/10/17. doi: 10.2215/CJN.02900314. PMID: 25318759; PMCID: 4284406.
 76. Befort CA, Klemp JR, Sullivan DK, **Shireman T**, Diaz FJ, Schmitz K, Perri MG, Fabian C. Weight loss maintenance strategies among rural breast cancer survivors: The rural women connecting for better health trial. *Obesity (Silver Spring).* 2016;24(10):2070-7. PMID: 27581328; PMCID: 5039073.

77. Choi WS, Beebe LA, Nazir N, Kaur B, Hopkins M, Talawyma M, **Shireman TI**, Yeh HW, Greiner KA, Daley CM. All Nations Breath of Life: A Randomized Trial of Smoking Cessation for American Indians. *Am J Prev Med*. 2016;51(5):743-51. Epub 2016/07/21. doi: 10.1016/j.amepre.2016.05.021. PMID: 27436332; PMCID: 5067178.
78. *Ciaccio CE, Gurley-Calvez T, **Shireman TI**. Indoor tobacco legislation is associated with fewer emergency department visits for asthma exacerbation in children. *Ann Allergy Asthma Immunol*. 2016;117(6):641-5. Epub 2016/12/17. doi: 10.1016/j.anai.2016.10.005. PMID: 27979021; PMCID: 5166981.
79. Cruvinel E, Richter KP, Stoney C, Duffy S, Fellows J, Harrington KF, Rigotti NA, Sherman S, Tindle HA, **Shireman TI**, Shelley D, Waiwaiole L, Cummins S. CHARTing a Path to Pragmatic Tobacco Treatment Research. *Am J Prev Med*. 2016;51(4):630-6. Epub 2016/09/21. doi: 10.1016/j.amepre.2016.05.025. PMID: 27647063; PMCID: 5919279.
80. Richter KP, Faseru B, **Shireman TI**, Mussulman LM, Nazir N, Bush T, Scheuermann TS, Preacher KJ, Carlini BH, Magnusson B, Ellerbeck EF, Cramer C, Cook DJ, Martell MJ. Warm Handoff Versus Fax Referral for Linking Hospitalized Smokers to Quitlines. *Am J Prev Med*. 2016;51(4):587-96. Epub 2016/09/21. doi: 10.1016/j.amepre.2016.04.006. PMID: 27647059; PMCID: 5031370.
81. **Shireman TI**, Kerling EH, Gajewski BJ, Colombo J, Carlson SE. Docosahexaenoic acid supplementation (DHA) and the return on investment for pregnancy outcomes. *Prostaglandins Leukot Essent Fatty Acids*. 2016;111:8-10. Epub 2016/08/09. doi: 10.1016/j.plefa.2016.05.008. PMID: 27499448; PMCID: 4978141.
82. **Shireman TI**, Mahnken JD, Phadnis MA, Ellerbeck EF. Effectiveness comparison of cardio-selective to non-selective beta-blockers and their association with mortality and morbidity in end-stage renal disease: a retrospective cohort study. *BMC Cardiovasc Disord*. 2016;16:60. Epub 2016/03/26. doi: 10.1186/s12872-016-0233-3. PMID: 27012911; PMCID: 4807583.
83. ***Shireman TI**, Mahnken JD, Phadnis MA, Ellerbeck EF, Wetmore JB. Comparative Effectiveness of Renin-Angiotensin System Antagonists in Maintenance Dialysis Patients. *Kidney Blood Press Res*. 2016;41(6):873-85. Epub 2016/11/22. doi: 10.1159/000452590. PMID: 27871075; PMCID: 5445383.
84. **Shireman TI**, Svarstad BL. Cost-effectiveness of Wisconsin TEAM model for improving adherence and hypertension control in black patients. *J Am Pharm Assoc (2003)*. 2016;56(4):389-96. Epub 2016/05/18. doi: 10.1016/j.japh.2016.03.002. PMID: 27184784; PMCID: 4958589.
85. *Britt NS, Patel N, **Shireman TI**, El Atrouni WI, Horvat RT, Steed ME. Relationship between vancomycin tolerance and clinical outcomes in *Staphylococcus aureus* bacteraemia. *J Antimicrob Chemother*. 2017;72(2):535-42. Epub 2016/12/22. doi: 10.1093/jac/dkw453. PMID: 27999028; PMCID: 6075607.
86. Faseru B, Ellerbeck EF, Catley D, Gajewski BJ, Scheuermann TS, **Shireman TI**, Mussulman LM, Nazir N, Bush T, Richter KP. Changing the default for tobacco-cessation treatment in an inpatient setting: study protocol of a randomized controlled trial. *Trials*. 2017;18(1):379. Epub 2017/08/16. doi: 10.1186/s13063-017-2119-9. PMID: 28806908; PMCID: 5556365.
87. *Leon-Salas A, Hunt JJ, Richter KP, Nazir N, Ellerbeck EF, **Shireman TI**. Pharmaceutical assistance programs to support smoking cessation medication access. *J Am Pharm Assoc (2003)*. 2017;57(1):67-71 e1. Epub 2016/11/07. doi: 10.1016/j.japh.2016.08.009. PMID: 27816543; PMCID: 5203802.
88. *Merhi B, **Shireman T**, Carpenter MA, Kusek JW, Jacques P, Pfeffer M, Rao M, Foster MC, Kim SJ, Pesavento TE, Smith SR, Kew CE, House AA, Gohh R, Weiner DE, Levey AS, Ix JH, Bostom A. Serum Phosphorus and Risk of Cardiovascular Disease, All-Cause Mortality,

or Graft Failure in Kidney Transplant Recipients: An Ancillary Study of the FAVORIT Trial Cohort. *Am J Kidney Dis.* 2017;70(3):377-85. PMID: 28579423; PMCID: 5704919.

89. *Phadnis MA, Wetmore JB, **Shireman TI**, Ellerbeck EF, Mahnken JD. An ensemble survival model for estimating relative residual longevity following stroke: Application to mortality data in the chronic dialysis population. *Stat Methods Med Res.* 2017;26(6):2667-80. pub 2015/09/26. doi: 10.1177/0962280215605107. PMID: 26403934; PMCID: 5311029.
90. Scheuermann TS, Richter KP, Jacobson LT, **Shireman TI**. Medicaid Coverage of Smoking Cessation Counseling and Medication Is Underutilized for Pregnant Women. *Nicotine Tob Res.* 2017;19(5):656-9. Epub 2017/04/14. doi: 10.1093/ntr/ntw263. PMID: 28403462; PMCID: 6916738.
91. **Shireman TI**, Wang K, Saver JL, Goyal M, Bonafe A, Diener HC, Levy EI, Pereira VM, Albers GW, Cognard C, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Devlin TG, Lopes DK, Reddy VK, du Mesnil de Rochemont R, Jahan R, Vilain KA, House J, Lee JM, Cohen DJ, Investigators S-P. Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results From the SWIFT-PRIME Trial (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke). *Stroke.* 2017;48(2):379-87. Epub 2016/12/29. doi: 10.1161/STROKEAHA.116.014735. PMID: 28028150; PMCID: 5461963.
92. Youn B, **Shireman TI**, Lee Y, Galarraga O, Rana AI, Justice AC, Wilson IB. Ten-year trends in antiretroviral therapy persistence among US Medicaid beneficiaries. *AIDS.* 2017;31(12):1697-707. Epub 2017/07/13. doi: 10.1097/QAD.0000000000001541. PMID: 28700393; PMCID: 5625296.
93. Bostom A, Pasch A, Madsen T, Roberts MB, Franceschini N, Steubl D, Garimella PS, Ix JH, Tuttle KR, Ivanova A, **Shireman T**, Gohh R, Merhi B, Jarolim P, Kusek JW, Pfeffer MA, Liu S, Eaton CB. Serum Calcification Propensity and Fetuin-A: Biomarkers of Cardiovascular Disease in Kidney Transplant Recipients. *Am J Nephrol.* 2018;48(1):21-31. PMID: 29996127, NIHMSID:NIHMS984095.
94. Bostom A, Steubl D, Garimella PS, Franceschini N, Roberts MB, Pasch A, Ix JH, Tuttle KR, Ivanova A, **Shireman T**, Kim SJ, Gohh R, Weiner DE, Levey AS, Hsu CY, Kusek JW, Eaton CB. Serum Uromodulin: A Biomarker of Long-Term Kidney Allograft Failure. *Am J Nephrol.* 2018;47(4):275-82. doi: 10.1159/000489095. PMID: 29698955; PMCID: 6754623.
95. Ma GX, Lee MM, Tan Y, Hanlon AL, Feng Z, **Shireman TI**, Rhee J, Wei Z, Wong F, Koh HS, Kim C, York W. Efficacy of a community-based participatory and multilevel intervention to enhance hepatitis B virus screening and vaccination in underserved Korean Americans. *Cancer.* 2018;124(5):973-82. Epub 2017/11/14. doi: 10.1002/cncr.31134. PMID: 29131316; PMCID: 5821582.
96. *Meucci MR, Kurth NK, **Shireman TI**, Hall JP. Availability of Medicaid home- and community-based services for older Americans and people with physical disabilities. *Home Health Care Serv Q.* 2018;37(1):41-59. Epub 2018/01/11. doi: 10.1080/01621424.2018.1425175. PMID: 29319423.
97. *Warren M, **Shireman TI**. Geographic Variability in Discharge Setting and Outpatient Postacute Physical Therapy After Total Knee Arthroplasty: A Retrospective Cohort Study. *Phys Ther.* 2018;98(10):855-64. Epub 2018/06/27. doi: 10.1093/ptj/pzy077. PMID: 29945184.
98. Zhang T, Zullo AR, **Shireman TI**, Lee Y, Mor V, Liu Q, McConeghy KW, Daiello L, Kiel DP, Berry SD. Epidemiology of hip fracture in nursing home residents with multiple sclerosis. *Disabil Health J.* 2018;11(4):591-7. Epub 2018/03/31. doi: 10.1016/j.dhjo.2018.03.002. PMID: 29598927; PMC6150858.
99. Fabius CD, Thomas KS, Zhang T, Ogarek J, **Shireman TI**. Racial disparities in Medicaid home and community-based service utilization and expenditures among persons with

- multiple sclerosis. *BMC Health Serv Res.* 2018;18(1):773. Epub 2018/10/14. doi: 10.1186/s12913-018-3584-x. PMID: 30314479; PMC6186063.
- 100.*Nguyen KH, Trivedi AN, **Shireman TI**. Lesbian, Gay, And Bisexual Adults Report Continued Problems Affording Care Despite Coverage Gains. *Health Aff (Millwood).* 2018;37(8):1306-12. doi: 10.1377/hlthaff.2018.0281. PMID: 30080449; PMC6286121.
 - 101.*Baker HA, Brown AR, Mahnken JD, **Shireman TI**, Webb CE, Lipe BC. Application of risk factors for venous thromboembolism in patients with multiple myeloma starting chemotherapy, a real-world evaluation. *Cancer Med.* 2019;8(1):455-62. doi: 10.1002/cam4.1927 PMID: 30585435; PMC6346245.
 - 102.Miller SC, Cai S, Daiello LA, **Shireman TI**, Wilson IB. Nursing Home Residents by Human Immunodeficiency Virus Status: Characteristics, Dementia Diagnoses, and Antipsychotic Use. *J Am Geriatr Soc.* 2019 Jul;67(7):1353-1360. Epub 2019/05/08. doi: 10.1111/jgs.15949. PMID: 31063676; PMCID: PMC6612569.
 - 103.*Zhang T, Jambhekar B, Kumar A, Rizvi SA, Resnik L, **Shireman TI**. Assessing the effects of post-acute rehabilitation services on health care outcomes for people with multiple sclerosis. *Mult Scler Relat Disord.* 2019;30:277-83. Epub 2019/03/11. doi: 10.1016/j.msard.2019.03.003. PMID: 30852305.
 - 104.**Shireman TI**, Ogarek J, Gozalo P, Zhang T, Mor V, Davidson HE, Han L, Taljaard M, Gravenstein S. Cost Benefit of High-Dose vs Standard-Dose Influenza Vaccine in a Long-Term Care Population During an A/H1N1-Predominant Influenza Season. *J Am Med Dir Assoc.* 2019 Jul;20(7):874-878. doi: 10.1016/j.jamda.2018.12.003. Epub 2019 Feb 15. PMID: 30777631.
 - 105.McConeghy KW, Huang SS, Miller LG, McKinnell JA, **Shireman TI**, Mor V, Gravenstein S. Hospital Influenza Admissions as a Harbinger for Nursing Home Influenza Cases. *J Am Med Dir Assoc.* 2020 Jan;21(1):121-126. doi: 10.1016/j.jamda.2019.06.025. Epub 2019 Aug 21. PMID: 31445924
 - 106.Fabius CD, Ogarek J, **Shireman TI**. Racial Disparities in Medicaid Home and Community-Based Service Utilization among White, Black, and Hispanic Adults with Multiple Sclerosis: Implications of State Policy. *J Racial Ethn Health Disparities.* 2019;6(6):1200-7. Epub 2019/07/31. doi: 10.1007/s40615-019-00621-9. PMID: 31359384.
 - 107.Jain N, Hunt SL, Cui H, Phadnis MA, Mahnken JD, **Shireman TI**, Rasu RS. Trends for and Clinical Factors Associated with Choice of Oral P2Y12 Inhibitors for Patients on Chronic Dialysis. *Cardiovascular Drugs Ther.* 2019;33(5):511-21. Epub 2019/11/16. doi: 10.1007/s10557-019-06913-w. PMID: 31729588; PMCID: PMC6904390
 - 108.Youn B, **Shireman TI**, Lee Y, Galárraga O, Wilson IB. Trends in medication adherence in HIV patients in the US, 2001 to 2012: an observational cohort study. *J Int AIDS Soc.* 2019;22(8):e25382. Epub 2019/08/24. doi: 10.1002/jia2.25382. PMID: 31441221; PMCID: PMC6706701.
 - 109.Ma GX, Lee M, Beeber M, Das R, Feng Z, Wang MQ, Tan Y, Zhu L, Navder K, **Shireman TI**, Siu P, Rhee J, Nguyen MT. Community-Clinical Linkage Intervention to Improve Colorectal Cancer Screening Among Underserved Korean Americans. *Cancer Health Disparities.* 2019;3:e1-e15. Epub 2019/09/19. PMID: 31528846; PMCID: PMC6746426. [NO DOI available]
 - 110.Zhang T, Wilson IB, Youn B, Lee Y, **Shireman TI**. Factors associated with Antiretroviral Therapy Reinitiation in Medicaid Recipients With Human Immunodeficiency Virus. *J Infect Dis.* 2020;221(10):1607-11. Epub 2019/12/17. doi: 10.1093/infdis/jiz666. PMID: 31840184; PMCID: PMC7184904.
 - 111.*Erqou S, Liang L, Choudhary G, Lally M, Bloomfield GS, Zullo A, **Shireman T**, Freiberg M, Justice AC, Rudolph J, Lin N, Wu WC. Heart Failure Outcomes and Associated Factors among Veterans with Human Immunodeficiency Virus Infection.

- JACC Heart Failure. 2020;8(6):501-11. Epub 2020/04/13. doi: 10.1016/j.jchf.2019.12.007. PMID: 32278680.
112. Michaud JM, Zhang T, **Shireman TI**, Lee Y, Wilson IB. Hazard of Cervical, Oropharyngeal, and Anal Cancers in HIV-infected and HIV-uninfected Medicaid Beneficiaries. *Cancer Epidemiology, Biomarkers & Prevention*. 2020;29(7):1447-57. Epub 2020/05/10. doi: 10.1158/1055-9965.EPI-20-0281. PMID: 32385117; PMCID: PMC7334054.
 113. **Shireman TI**, Adia AC, Tan Y, Zhu L, Rhee J, Ogunwobi OO, Ma GX. Online Versus In-Person Training of Community Health Workers to Enhance Hepatitis B Virus Screening Among Korean Americans: Evaluating Cost & Outcomes. *Prev Med Rep*. 2020;19:101131. Epub 2020/06/11. doi: 10.1016/j.pmedr.2020.101131. PMID: 32518742; PMC7272502.
 114. *Appaneal HJ, Caffrey AR, Lopes VV, Dosa DM, **Shireman TI**, LaPlante KL. Frequency and Predictors of Suboptimal Prescribing Among a Cohort of Older Male Residents. *Clin Infect Dis*. 2020 Epub 2020/06/27. doi: 10.1093/cid/ciaa874. PMID: 32590839.
 115. Lary C, Hinton A, Nevola K, **Shireman TI**, Motyl K, Houseknecht K, Lucas L, Hallen S, Zullo A, Berry S, Kiel D. Association of Beta Blocker Use with Bone Mineral Density in the Framingham Osteoporosis Study: a Cross-sectional Study. *JBMR Plus*. 2020;4(9):e10388. Epub 2020/10/01. doi: 10.1002/jbm4.10388. PMID: 32995691; PMCID: PMC7507481
 116. *Wentz AE, Wang RRC, Marshall BDL, **Shireman TI**, Liu T, Merchant RC. Variation in opioid analgesia administration and discharge prescribing for emergency department patients with suspected urolithiasis. *Am J Emerg Med*. 2020;38(10):2119-24. Epub 2020/10/20. doi: 10.1016/j.ajem.2020.07.016. PMID: 33071098; PMC7704692.
 117. *Dalal DS, Zhang T, **Shireman TI**. Medicare expenditures for conventional and biological disease modifying agents commonly used for treatment of rheumatoid arthritis. *Semin Arthritis Rheum*. 2020;50(5):822-6. Epub 2020/09/09. doi: 10.1016/j.semarthrit.2020.08.002. PMID: 32896694; PMC7453205

2021

118. Murphy SM, Laiteerapong N, Pho MT, Ryan D, Montoya I, **Shireman TI**, Huang E, McCollister KE. Health economic analyses of the justice community opioid innovation network (JCOIN). *J Subst Abuse Treat*. 2021 Jan 5;:108262. doi: 10.1016/j.jsat.2020.108262. [Epub ahead of print] PMID: 33419602; PMC8255321
119. Hughto JMW, Quinn EK, Dunbar MS, Rose AJ, **Shireman TI**, Jasuja GK. Prevalence and Co-occurrence of Alcohol, Nicotine, and Other Substance Use Disorder Diagnoses Among US Transgender and Cisgender Adults. *JAMA Netw Open*. 2021 Feb 1;4(2):e2036512. doi: 10.1001/jamanetworkopen.2020.36512. PMID: 33538824; PMC7862992
120. *Kim DS, Jones RN, **Shireman TI**, Kluger BM, Friedman JH, Akbar U. Trends and outcomes associated with gastrostomy tube placement in common neurodegenerative disorders. *Clin Park Relat Disord*. 2021;4:100088. doi: 10.1016/j.prdoa.2020.100088. eCollection 2021. PMID: 34316666; PMCID: PMC8299983
121. *Appaneal HJ, Caffrey AR, Lopes VV, Mor V, Dosa DM, LaPlante KL, **Shireman TI**. Predictors of potentially suboptimal treatment of urinary tract infections in long-term care facilities. *J Hosp Infect*. 2021 Apr;110:114-121. doi:

10.1016/j.jhin.2021.01.019. Epub 2021 Feb 5. PMID: 33549769; PMCID: PMC8045483

122. *Jiang JJ, Adia AC, Nazareno J, Operario D, Ponce NA, **Shireman TI**. The Association Between Moderate and Serious Mental Health Distress and General Health Services Utilization Among Chinese, Filipino, Japanese, Korean, and Vietnamese Adults in California. *J Racial Ethn Health Disparities*. 2021 Jan 15; doi: 10.1007/s40615-020-00946-w. PMID: 33452574.
123. Zhang T, Wilson IB, Youn B, Lee Y, **Shireman TI**. Use of Antiretroviral Therapy for a US Medicaid Enrolled Pediatric Cohort with HIV. *AIDS Behav*. 2021 Aug;25(8):2455-2462. doi: 10.1007/s10461-021-03208-w. Epub 2021 Mar 4. PMID: 33665750
124. Gerlach LB, Park PS, **Shireman TI**, Bynum JPW. Changes in medication use among long-stay residents with dementia in Michigan during the pandemic. *J Am Geriatr Soc*. 2021 Jul;69(7):1743-1745. doi: 10.1111/jgs.17161. Epub 2021 Apr 13. PMID: 33834488; PMCID: PMC8251218
125. Gerlach LB, Fashaw S, Strominger J, Ogarek J, Zullo AR, Daiello LA, Teno J, **Shireman TI**, Bynum JPW. Trends in antipsychotic prescribing among long-term care residents receiving hospice care. *J Am Geriatr Soc*. 2021 Aug;69(8):2152-2162. doi: 10.1111/jgs.17172. Epub 2021 Apr 9. PMID: 33837537.
126. Horace RW, Roberts M, **Shireman TI**, Merhi B, Jacques P, Bostom AG, Liu S, Eaton CB. Remnant cholesterol is prospectively associated with CVD events and all-cause mortality in kidney transplant recipients: the FAVORIT study. *Nephrol Dial Transplant*. 2021 Mar 24;gfab068. doi: 10.1093/ndt/gfab068. Online ahead of print. PMID: 33760035
127. *Erqou S, Jiang L, Choudhary G, Lally M, Freiberg M, Lin NH, **Shireman TI**, Rudolph JL, Wu WC. Age at Diagnosis of Heart Failure in United States Veterans With and Without HIV Infection. *J Am Heart Assoc*. 2021 Jun;10(11):e018983. doi: 10.1161/JAHA.120.018983. Epub 2021 May 15. PMID: 33998245
128. Davidson HE, Radlowski P, Han L, **Shireman TI**, Dembek C, Niu X, Gravenstein S. Clinical Characterization of Nursing Facility Residents With Chronic Obstructive Pulmonary Disease. *Sr Care Pharm*. 2021 May 1;36(5):248-257. doi: 10.4140/TCP.n.2021.248. PMID: 33879286
129. Jain N, Phadnis MA, Hunt SL, Dai J, **Shireman TI**, Davis CL, Mehta JL, Rasu RS, Hedayati SS. Comparative Effectiveness and Safety of Oral P2Y12 Inhibitors in Patients on Chronic Dialysis. *Kidney Int Rep*. 2021 Jul 3;6(9):2381-2391. doi: 10.1016/j.ekir.2021.06.031. PMID: 34514199; PMCID: PMC8418979.
130. *Appaneal HJ, **Shireman TI**, Lopes VV, Mor V, Dosa DM, LaPlante KL, Caffrey AR. Poor clinical outcomes associated with suboptimal antibiotic treatment among older long-term care facility residents with urinary tract infection: a retrospective cohort study. *BMC Geriatr*. 2021 Jul 23;21(1):436. doi: 10.1186/s12877-021-02378-5. PMID: 34301192; PMCID: PMC8299613
131. *Haubrick KK, Gadbois EA, Campbell SE, Young J, Zhang T, Rizvi S, **Shireman TI**, Shield RR. The Lived Experiences of Adults with Multiple Sclerosis. *R I Med J* (2013). 2021 Aug 2;104(6):38-42. PMID: 34323878.
132. Zhang N, Patel J, Chen Z, Zhou Y, Crawford S, McManus DD, Gurwitz J, **Shireman TI**, Kapoor A. Geriatric Conditions Are Associated With Decreased Anticoagulation Use in Long-Term Care Residents With Atrial Fibrillation. *J Am Heart Assoc*. 2021 Aug 13; e021293. doi: 10.1161/JAHA.121.021293. PMID: 34387127
133. Hughes L, **Shireman TI**, Hughto J. Privately Insured Transgender People Are At Elevated Risk For Chronic Conditions Compared With Cisgender Counterparts.

Health Aff (Millwood). 2021 Sep;40(9):1440-1448. doi: 10.1377/hlthaff.2021.00546. PMID: 34519545; PMCID: PMC8482030.

134. *Wentz AE, Wang RC, Marshall BDL, **Shireman TI**, Liu T, Merchant RC. Opioid Analgesics and Persistent Pain After an Acute Pain Emergency Department Visit: Evidence from a Cohort of Suspected Urolithiasis Patients. J Emerg Med. 2021 Dec;61(6):637-648. doi: 10.1016/j.jemermed.2021.09.002. Epub 2021 Oct 21. PMID: 34690022; PMCID: PMC8691537.
135. *Fashaw-Walters SA, McCreedy E, Bynum JPW, Thomas KS, **Shireman TI**. Disproportionate increases in schizophrenia diagnoses among Black nursing home residents with ADRD. J Am Geriatr Soc. 2021 Dec;69(12):3623-3630. doi: 10.1111/jgs.17464. Epub 2021 Sep 30. PMID: 34590709; PMCID: PMC8648979.

2022

136. Kapoor A, Patel J, Chen Z, Crawford S, McManus D, Gurwitz J, **Shireman TI**, Zhang N. Geriatric conditions do not predict stroke or bleeding in long-term care residents with atrial fibrillation. J Am Geriatr Soc. 2022;70:1218-27. doi: 10.1111/jgs.17605. Epub 2021 Nov 13. PMID: 34902164.
137. Svarstad BL, Brown RL, **Shireman TI**. A Successful Intervention to Improve Medication Adherence in Black Patients with Hypertension: Mediation Analysis of 28-site TEAM Trial. J Am Pharm Assoc. 2022 May-Jun;62(3):800-808.e3. PMID: 35120864. doi: 10.1016/j.japh.2022.01.002. Epub 2022 Jan 6.
138. *Sripad AA, Raker C, **Shireman TI**, Sung VW. Overactive bladder medication prescription trends from 2014-2018. Neurourol Urodyn. 2022 Mar;41(3):806-812. PMID: 35132687. doi: 10.1002/nau.24880. Epub 2022 Feb 7.
139. Hughto JMW, Hughes L, Yee K, Downing J, Ellison J, Alpert A, Jasuja GK, **Shireman TI**. Improving data-driven methods to identify and categorize transgender individuals by gender in insurance claims data. LGBT Health. 2022 May-Jun;9(4):254-263. PMID: 35290746. doi: 10.1089/lgbt.2021.0433. Epub 2022 Mar 15.
140. *Erqou S, Papaila A, Halladay C, Ge A, Liu MA, Jiang L, Lally M, Menon A, Shah NR, Miech E, Virani SS, Zullo AR, **Shireman TI**, Longenecker CT, Ross D, Sullivan JL, Wu WC, Rudolph JL. Variation in statin prescription among veterans with HIV and known atherosclerotic cardiovascular disease. Am Heart J. 2022;249:12-22. PMID: 35318028. doi: 10.1016/j.ahj.2022.03.006. Epub 2022 Mar 19.
141. Zhang T, **Shireman TI**, Meyers DJ, Zullo A, Lee Y, Wilson IB. Use of antiretroviral therapy in nursing home residents with HIV. J Am Geriatr Soc 2022;70(6):1800-06. doi:10.1111/jgs.17763. Epub 2022 Mar 25.
142. Rofo KL, Marshall BDL, Merlin JS, Trivedi AN, **Shireman TI**, Schmidt C, Moyo P. Nonpharmacologic Management of Chronic Pain in the United States' Medicare Population: A Scoping Review Protocol, JBI Evidence Synthesis. 2022;20(9):2361-2369. PMID: 35976050. doi: 10.11124/JBIES-21-00467.
143. Moyo P, Schmidt C, Lee Y, Joshi R, Mukhdomi T, Trivedi A, **Shireman TI**. Receipt of Physical Therapy and Chiropractic Care by Adults Diagnosed with Chronic Pain: Analysis of the 2016-2018 Rhode Island All Payer Claims Database. R I Med J (2013). 2022 May 2;105(4):51-56. PMID: 35476739; PMCID: PMC9186019.
144. Jain N, Martin BC, Dai J, Phadnis MA, Al-Hindi L, **Shireman TI**, Hedayati S, Rasu FS, Mehta JL. Age modifies intracranial and gastrointestinal bleeding risk from P2Y12 inhibitors in patients receiving dialysis. Kidney 360. 2022;3(8):1374083. PMID: 36176642. doi: 10.34067/KID.0002442022.

145. Lipori J, Tu E, **Shireman TI**, Gerlach L, Coe AB, Ryskina KL. Factors associated with potentially harmful medication prescribing in nursing homes: a scoping review. *JAMDA*, 2022;23(9):1589.e1-1589.e10. PMID: 35868350. doi: 10.1016/j.jamda.2022.06.008. Epub 2022 Jul 20.
146. Coe AB, Zhang T, Zullo AR, Gerlach LB, Thomas KS, Daiello LA, Varma H, Lo D, Joshi R, **Shireman TI**, Bynum JPW. Psychotropic medication prescribing in assisted living and nursing home residents with dementia after the National Partnership. *J Am Geriatr Soc*. 2022;70(12):3513-3525. PMID: 35984088. Doi: 10.1111/jgs.18004. Online ahead of print Aug 19, 2022.
147. Coe AB, Montoya A, Chang CH, Park PS, Bynum JPW, **Shireman TI**, Zhang T, McCreedy EM, Gerlach LB. Behavioral symptoms, depression symptoms, and medication use in Michigan nursing home residents with dementia during COVID-19. *J Am Geriatr Soc*. 2023 Feb; 71(2):414-422. doi: 10.1111/jgs.18116. PMID: 36349415.
148. *Wentz AE, Wang RC, Marshall BDL, **Shireman TI**, Liu T, Merchant RC. Opioid analgesic use after an acute pain visit: Evidence from a urolithiasis patient cohort. *West J Emerg Med*. 2022 Oct 23;23(6):864-871. PMID: 36409937. doi: 10.5811/westjem.2022.8.56679.
149. *Haji M, Lopes VV, Ge A, Halladay C, Soares C, Shah NR, Longenecker CT, Lally M, Bloomfield GS, **Shireman TI**, Ross D, Sullivan JL, Rudolph JL, Wu WC, Erqou S. Two decade trends in cardiovascular disease outcomes and risk factors among US Veterans with HIV. *Int J Cardiol Cardiovasc Risk Prevent* 2022;15:200151. PMID: 36573195. doi: 10.1016/j.ijcrp.2022.200151. Online ahead of print Sep 29, 2022.

2023

150. Richter KP, Catley D, Gajewski BJ, Faseru B, **Shireman TI**, Zhang C, Scheuermann TS, Mussulman LM, Nazir N, Hutcheson T, Shergina E, Ellerbeck EF. The Effects of Opt-out vs Opt-in Tobacco Treatment on Engagement, Cessation, and Costs: A Randomized Clinical Trials. *JAMA Intern Med*. 2023 Apr 1;183(4):331-339. doi: 10.1001/jamainternmed.2022.7170.PMID: 36848129 PMC9972244
151. Zhang, T; Thomas, KS; Zullo AR; Coe, AB; Gerlach, LB; Daiello, LA; Varma, H; Lo, D; Joshi, R; Bynum, JPW and **Shireman, TI**. State Variation in Antipsychotic Use among Assisted Living Residents with Dementia. *J Am Med Dir Assoc*. 2023 Apr;24(4):555-558.e1. doi: 10.1016/j.jamda.2023.01.014. Epub 2023 Feb 23.PMID: 36841263.
152. Schmidt C, Borgia M, Zhang T, Gochyyev P, **Shireman TI**, Resnik L. Initial treatment approaches and healthcare utilization among Veterans with low back pain: A propensity score analysis. *BMC Health Serv Res*. 2023 Mar 21;23(1):275. doi: 10.1186/s12913-023-09207-y.PMID: 36944926
153. Ryskina K, Lo D, Zhang T, Gerlach L, Bynum J, **Shireman TI**. Potentially harmful medication prescribing by the degree of physician specialization in nursing home practice. *J Am Med Dir Assoc*. 2023 Aug;24(8):1240-1246.e2. doi: 10.1016/j.jamda.2023.03.017. Epub 2023 Apr 20.PMID: 37088104
154. **Shireman TI**, Fashaw-Walters S, Zhang T, Zullo AR, Gerlach LB, Coe AB, Daiello L, Lo D, Strominger J, Bynum JPW. Federal nursing home policies on antipsychotics had similar impacts by race and ethnicity for residents with dementia. *J Am Med Dir Assoc*. 2023 Sep;24(9):1283-1289.e4. doi: 10.1016/j.jamda.2023.03.027. Epub 2023 Apr 28.PMID: 37127131
155. *Phillips OW, Kunicki Z, Jones R, Belanger E, **Shireman TI**, Friedman JH, Kim DS, Kluger B, Akbar U. Inpatient mortality in Parkinson's Disease. *Neurohospitalist* 2023 Apr;13(2):144-152. doi: 10.1177/19418744231153477. Epub 2023 Mar 21.PMID: 37064936
156. *Hughto JMW, Varma H, Babbs G, Yee K, Alpert A, Hughes L, Ellison J, Downing J, **Shireman TI**. Disparities in health condition diagnoses among aging transgender and

- cisgender Medicare beneficiaries, 2008-2017. *Front Endocrinol (Lausanne)*. 2023 Mar 13;14:1102348. doi: 10.3389/fendo.2023.1102348. eCollection 2023.PMID: 36992801
157. Moyo P, Vaillant J, Girard A, Gairola R, **Shireman TI**, Trivedi AN, Merlin JS, Marshall BDL. Prevalence of opioid and nonopioid pain management therapies among Medicare beneficiaries with musculoskeletal pain conditions from 2016 to 2019. *Drug Alcohol Depend*. 2023 Jul 1;248:109930. doi: 10.1016/j.drugalcdep.2023.109930. Epub 2023 May 17.PMID: 37269776.
158. *Lane CY, Thoma LM, Zhang T, Varma H, Dalal DS, Baker TA, **Shireman TI**. Sociocultural and Economic Disparities in Physical Therapy Utilization among Insured Older Adults with Rheumatoid Arthritis. *J Rheumatology* 2023 Nov;50(11):1414-1421. doi: 10.3899/jrheum.2023-0103. Epub 2023 Aug 1.PMID: 37527853.
159. *Choudry E, Rofo K, Konnyu K, Marshall B, **Shireman TI**, Merlin J, Trivedi A, Schmidt C, Bhondokhan F, Moyo P. Treatment Patterns and Population Characteristics of Nonpharmacologic Management of Chronic Pain in the United States' Medicare Population: A Scoping Review. *Innov Aging*. 2023 Aug 11;7(10):igad085. doi: 10.1093/geroni/igad085. eCollection 2023.PMID: 38094932
160. *Bhondokhan F, Marshall BDL, **Shireman TI**, Trivedi AN, Merlin J, Moyo P. Racial and Ethnic Differences in Receipt of Physical Therapy and Chiropractic care for Chronic Low Back Pain among Medicare Beneficiaries with Opioid Use Disorder. *JAMA Network Open*, 2023 Sep 5;6(9):e2333251. doi: 10.1001/jamanetworkopen.2023.33251.PMID: 37698860

2024

161. Moyo P, Merlin JS, George M, **Shireman TI**, Marshall BDL. Association of Opioid Use Disorder Diagnosis with Use of Physical Therapy and Chiropractic Care among Chronic Low Back Pain Patients: A Group-Based Trajectory Analysis. *J Pain*. 2024 Mar;25(3): 742-754. doi: 10.1016/j.jpain.2023.10.003. Online ahead of print. PMID: 37820847
162. *Babbs G, Hughto JMW, **Shireman TI**, Meyers DJ. Emergency department use disparities among transgender and cisgender Medicare beneficiaries from 2011-2020. *JAMA Intern Med*. 2024 Apr 1;184(4):443-445. doi:10.1001/jamainternmed.2023.8209. PMID: 38345803
163. *Ellison J, Pudasainy S, Bellerose M, Quinn D, Borrero S, Olson I, Chen Q, **Shireman TI**, Jarlenski M. Contraceptive use among traditional Medicare and Medicare Advantage enrollees. *Health Aff (Millwood)*. 2024 Jan;43(1):98-107. doi: 10.1377/hlthaff.2023.00286. PMID: 38190592
164. Wilson IB, Cole MB, Lee Y, **Shireman TI**, Justice AC, Rahman M. The relationship of age and comorbid conditions to hospital and nursing home days in Medicaid recipients with HIV. *AIDS* 2024 Jun 1;38(7):993-1001. doi: 10.1097/QAD.0000000000003870. Epub 2024 Feb 21.PMID: 38411618.
165. Moyo P, Merlin JS, Gairola R, Girard A, **Shireman TI**, Trivedi AN, Marshall BDL. Association of opioid use disorder with management of acute low back pain: A Medicare retrospective cohort analysis. *J Gen Intern Med*. 2024 Aug;39(11):2097-2105. doi: 10.1007/s11606-024-08799-3. PMID: 38829451.
166. *Hughto JMW, Varma H, Yee K, Babbs G, Hughes LD, Pletta DR, Meyers DJ, **Shireman TI**. Characterizing disparities in the HIV care continuum among transgender and cisgender Medicare beneficiaries. *medRxiv [Preprint]*. 2024 Mar 20:2024.03.19.24304525. doi: 10.1101/2024.03.19.24304525.PMID: 38562705
167. *Giron NC, Oh H, Rehmet E, **Shireman T**. Descriptive trends in Medicaid antipsychotic prescription claims and expenditures, 2016-2021. *J Behav Health Serv Res* 2024;51(4):516-528. Doi: 10.1007/s11414-024-09889-0. PMID: 38987413
168. ***Shireman TI**, Coulibaly N, Zhang T, Zullo AR, Gerlach LB, Coe AB, Daiello LA, Lo D, Bynum JPW. Impact of federal antipsychotic use policy in nursing homes on new diagnoses

for approved indications in dementia residents. J Am Geriatr Soc doi.org/10.1111/jgs.19129. PMID: 39177336. Online ahead of print.

169. Alpert AB, Obedin-Maliver J, Gjelsvik A, Amanullah S, **Shireman TI**, and Blosnich J. Does Cancer Clinical Trial Enrollment for Sexual and Gender Minority People Differ from Heterosexual, Cisgender People? Contemporary Clinical Trials, In press. PMID: 39303766
170. Coe AB, Zhang T, Zullo AR, Gerlach LB, Daiello LA, Varma H, Lo D, Joshi R, Bynum JPW, **Shireman TI**. Association of nursing home antipsychotic reduction policies with antipsychotic use in community dwellers with dementia. J Am Geriatr Soc. 2024 Sep 6. Doi: 10.1111/jgs.19184. Online ahead of print. PMID: 39242369.
171. Zullo AR, Riester MR, Varma H, Daiello LA, Gerlach LB, Coe AB, Thomas KS, Joshi R, Zhang T, **Shireman TI**, Bynum JPW. Effects of Nursing Home Changes in Antipsychotic Use on Outcomes Among Residents with Dementia. J Am Med Dir Assoc, *in press*.
172. *Babbs G, Mulcahy A, Ellison J, Varma H, Pletta DR, Yee K, Hughes LD, **Shireman TI**, Hughto JMW. Chronic Conditions Among Transgender Medicare Beneficiaries: Variation By Race/Ethnicity and Medicaid Dual-Enrollment. Disabil Health J, *in press*.

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Shireman TI**. Review of Pharmacy and the U.S. Health Care System, 2nd Edition edited by Jack E. Fincham and Albert I. Wertheimer. Journal of Pharmacy Technology 1998;14:179. [book review]
2. **Shireman TI**, Rigler SK Health Care Expenditures for Kansas Medicaid's Aged Recipients. Prepared for the Kansas Department of Social and Rehabilitative Services (2002).
3. **Shireman TI**, Rigler SK. Comparison of Health Care Expenditures for Kansas Medicaid's Frail Elderly and Nursing Home Recipients. Prepared for the Kansas Department of Social and Rehabilitative Services (2002).
4. **Shireman TI**, Rigler SK. Do Home and Community-Based Services Reduce Nursing Home Placement? Prepared for the Kansas Department of Social and Rehabilitative Services (2003).
5. **Shireman TI**, Rigler SK. Health Care Expenditures for Kansas Medicaid's Disabled Recipients. Prepared for the Kansas Department of Social and Rehabilitative Services (2003).
6. **Shireman TI**, Rigler SK. Health Care Expenditures for Kansas Medicaid's Disabled Recipients: Analyses of Waiver Subgroups & Evaluation of Home versus Institutional Care in MR/DD Program. Prepared for the Kansas Department of Social and Rehabilitative Services (2003).
7. **Shireman TI**. Review of Pharmacoeconomics A Primer for the Pharmaceutical Industry by A Morrison and AI Wertheimer. Annals of Pharmacotherapy 2003;37:456-7. [book review]
8. **Shireman TI**, Rigler SK. Medicaid Prescription and Psychotropic Medication Utilization and Expenditures: Variation within Kansas Nursing Homes. Prepared for the Kansas Department of Social and Rehabilitative Services (2004).
9. **Shireman TI**, Rigler SK. Health Care Expenditures for Kansas Medicaid's Disabled Recipients: FY 2000 & 2001. Prepared for the Kansas Department of Social and Rehabilitative Services (2004).
10. Hall JP, Moore JM, **Shireman TI**. Unintended consequences: The potential impact of Medicare Part D on dual eligibles with disabilities in Medicaid Work Incentive Program. Kaiser Commission on Medicaid and the Uninsured, May 2005. Available at www.kff.org. [non-peer reviewed]
11. Chapin R, **Shireman TI**, Rigler SK, Macmillan K, Zimmerman M, Rachlin R, Oslund P, Sergeant J, Barkett A, Baca B, Chandran D. Expanded Examination of Factors Related to

Diversion and Successful Community Tenure for Medicaid Customers: The Effect of Diagnosis and Prescription Drug Use. Prepared for the Kansas Department on Aging (2008).

12. **Shireman TI**, Jaffee M, Hamdorf J, Hunt S, Nazir N. Kansas Medicaid Pharmacy Program: Structure, Function and Opportunities. Prepared for the Kansas Department of Health & Environment, Division of Health Care Financing (2011).
13. **Shireman TI**, Hall J, Gurley-Calvez T, Kurth N, Hunt S, Jaffee M. Predictive Modeling for Kansas Medicaid Health Homes: Identification of Target Subpopulations. Final Project Report. Prepared for the Kansas Department of Health & Environment, Division of Health Care Financing (2014).
14. **Shireman TI**. Capsule Commentary on Ingebrigsten et al., Low use and adherence to maintenance medication in Chronic Obstructive Pulmonary Disease in the general population. J Gen Int Med 2014;29:96. DOI: 10.1007/s11606-014-3092-6.
15. **Shireman TI**. Community pharmacy and blood pressure control. Circulation 2015;132(2):75-6. doi:10.1161/CirculationAHA.115.013795. Epub 2015 June 11. [invited editorial]

MEDIA/PRESS MENTIONS

1. Orenstein D. New Stroke Treatment Proves Effective, Both Medically and Financially. Medical Xpress. January 4, 2017. <https://medicalxpress.com/news/2017-01-treatment-effective-medically-financially.html?deviceType=mobile#!>
2. Tritsch M. AARP Testifies in Support of the CARE Act. February 1, 2017 <https://states.aarp.org/kansas/aarp-testifies-support-care-act>
3. National Women's Law Center. Supporting the Economic Security and Health of Older Women of Color. Issue Brief. September 2021. <https://nwlc.org/resource/supporting-the-economic-security-and-health-of-older-women-of-color/#>
4. Marcus J. Top Retirement Havens Threatened by Extreme Weather. August 19, 2024. <https://www.aarp.org/retirement/planning-for-retirement/info-2024/retirement-destination-extreme-weather-impact.html>
5. Scott KC. Catholic Hospitals Criticize Report Alleging They Provide Surgeries for Trans Youth. National Catholic Reporter. November 13, 2024. <https://www.ncronline.org/news/catholic-hospitals-criticize-report-alleging-they-provide-surgeries-trans-youth>

INVITED PRESENTATIONS

National

1. **Shireman TI**. A method for obtaining sensitive, detailed data from community pharmacy providers, 9th International Social Pharmacy Workshop, August 1996, Madison, WI.
2. **Shireman TI**. Pharmacy Administration Graduate Student Seminar, The Ohio State University College of Pharmacy, February 9, 1999. Using Administrative Claims Data to Conduct Health Services Research.
3. **Shireman TI** and AV Joshi. Prescription utilization and cost differences among three therapeutic classes between Medicaid fee-for-service and managed care enrollees, American Pharmaceutical Association Annual Meeting, March 2001, San Francisco, CA.
4. Miller ET, Pancioli A, **Shireman TI**, Spilker JA, and JP Broderick. Stroke impact: Quality of life and resources. 28th International Stroke Conference, February 2003, Phoenix, AZ.

5. **Shireman TI**, Rigler SK, Braman KS, and RM Day. Are home and community-based services less costly than nursing home care? American Geriatric Society Annual Meeting, May 2003, Baltimore, MD.
6. **Shireman TI**, Ellerbeck EF, Howard PA, Kresowik TF. Impact of combined anticoagulant and antiplatelet use on bleeding risk in atrial fibrillation. American Heart Association Second Asia Pacific Scientific Forum, June 2003, Honolulu, HI.
7. **Shireman TI**, Rigler SK, Jachna CM, Griebing TL, Eng ML. Where do Medicaid drug dollars go? An analysis of newer pharmaceuticals across diverse drug classes. American Geriatric Society Annual Meeting, May 2004, Las Vegas, NV.
8. Kallenbach L, Rigler SK, **Shireman TI**. Predictors of long-acting opiate use among older Medicaid beneficiaries. American Geriatric Society Annual Meeting, May 2005, Orlando, FL.
9. **Shireman TI**, Mahnken JD, Howard PA, Kresowik TF, Ellerbeck EF, Hou Q. Development of a bleeding risk model for elderly warfarin recipients with atrial fibrillation. American Heart Association Scientific Sessions 2005, November 2005, Dallas, TX.
10. **Shireman TI**. Using Predictive Modeling to Improve Preventive Health Care in the Disabled Medicaid Population: Kansas Medicaid Transformation Grant. Technical Assistance for Health Information Technology and Health Information Exchange in Medicaid and SCHIP, July 2008, AHRQ/RTI [Webinar].
11. **Shireman TI**. Within Class Effectiveness of Cardioprotective Medications in Persons on Chronic Dialysis. Dean's Seminar, Northeastern University, Boston, MA, February 2014.
12. **Shireman TI**, Phadnis M, Wetmore JB, Ellerbeck EF, Mahnken JD. Comparative effectiveness of renin-angiotensin system antagonists in chronic dialysis patients. American Society of Nephrology Kidney Week 2014, November 2014, Philadelphia, PA.
13. **Shireman TI**, Phadnis M, Wetmore JB, Ellerbeck EF, Mahnken JD. Comparative effectiveness of cardioselective and non-selective β -adrenergic blockers in chronic dialysis patients. American Society of Nephrology Kidney Week 2014, November 2014, Philadelphia, PA.
14. **Shireman TI**. Sustainable Health Care for Vulnerable Populations. Seminar, University of Washington, Seattle, WA, February 2015.
15. **Shireman TI**, Wang KD, Saver JL, Goyal M, Bonafé A, Diener HC, Levy EI, Pereira VM, Albers GW, Cognard C, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Devlin TG, Lopes DK, Reddy VK, de Rochemont RM, Jahan R, Vilain KA, House J, Lee JM, Cohen DJ and the SWIFT-PRIME Investigators Cost-effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results from the SWIFT-PRIME Trial. International Stroke Conference, February 2016, Los Angeles, CA.
16. **Shireman TI**, Ogarek J, Gozalo P, Zhang T, Mor V, Davidson E, Han L, Taljaard M, Gravenstein S. Cost Benefit of High-Dose vs Standard-Dose Influenza Vaccine for a Mild A/H1N1 Predominant Influenza Season in a Long-Term Care Population. American Geriatrics Society, May 2018, Orlando, FL.
17. Zhang T, Zullo AR, **Shireman TI**. Temporal trends in age and physical function upon long-stay nursing home admission for residents with multiple sclerosis. American Geriatrics Society, May 2018, Orlando, FL.
18. Nguyen K, Trivedi A, **Shireman TI**. Insurance coverage and access to care among lesbians, gay, and bisexual nonelderly Americans, 2014-17. Academy Health, June 2018; American Public Health Association Annual Meeting & Expo 2018, San Diego, CA [Medical Care Section Student Paper Award].
19. Lary CW, Nevola K, Hinton AC, **Shireman TI**, Motyl K, Houseknecht KL, Lucas FL, Hallen S, Zullo AR, Berry SD, Kiel DP. The effect of beta blocker use on bone outcomes using the Framingham Osteoporosis Study. International Conference on Pharmacoepidemiology & Therapeutic Risk Management, August 2019, Philadelphia, PA.

20. Dalal D, Zhang T, **Shireman TI**. Medicare (2012-2017) Spending on Disease Modifying Agents Commonly Used in Rheumatoid Arthritis. American College of Rheumatology Meeting, November 2019, Atlanta, GA.
21. Dalal D, Zhang T, Varma H, **Shireman TI**. Facility-level Variation in Biologic Disease Modifying Agents Utilization for Medicare Enrollees with Rheumatoid Arthritis. American College of Rheumatology Meeting, November 2019, Atlanta, GA.
22. Alpert AB, Nagle S, Cunliffe S, Strawderman M, Greer M, Fouquet K, Rivers L, Hughto JW, Adams S Mathers E, O'Shea A, Griggs JJ, **Shireman TI**. Development and implementation of an algorithm to identify transgender people in an electronic medical records. AcademyHealth, Washington, D.C., June 2022.
23. Moyo P, Merlin J, George M, **Shireman T**, Trivedi A, and Marshall B. Association of opioid use disorder diagnosis with use of physical therapy and chiropractic care among chronic low back pain patients: A group-based trajectory analysis. Oral presentation. AcademyHealth, Seattle, WA, June 2023.
24. **Shireman TI**. A wanderlust case study approach to a pharmaceutical health services research career. University of Michigan College of Pharmacy, Graduate Student Seminar, Ann Arbor, MI, Sept 2023.

International

1. **Shireman TI**. Pharmacoepidemiology in the U.S.: Data Sources, Structure & Sample Projects. Posgrado Economia Seminar, January 2008, University of Costa Rica, San Jose, Costa Rica.
2. **Shireman TI**. WORKSHOP EM ECONOMIA DA SAÚDE (Workshop on Health Economics). October 26-17, 2012, Universidade Federal de Juiz de Fora, Juiz de Fora, Brazil.
Presentations given:
 - Overview of US Health Care system
 - Introduction to Economic Evaluation in Health Care
 - Economic analysis of cinacalcet in combination with low-dose vitamin D versus flexible dose vitamin D in treating secondary hyperparathyroidism in hemodialysis patients
 - A Community Pharmacy Based Intervention to Improve Blood Pressure Control in African-Americans: Cost-Effectiveness Analysis
 - Cost Analyses of Smoking Cessation Interventions
3. Youn B, Lee Y, **Shireman TI**, Galarraga O, Rana AI, Wilson IB. Implementation of Anti-Retroviral Therapy improved between 2001 and 2010 in the US: population level data from the Medicaid beneficiaries in the 13 states with the greatest HIV prevalence. International Conference on HIV Treatment and Prevention Adherence, May 2016, Fort Lauderdale, FL.
4. Zullo AR, Sharmin S, Daiello LA, Zhang T, **Shireman TI**. Dose- and Drug-Specific Effects of Sulfonylureas on Hypoglycemia and Cardiovascular Events in Older Nursing Home Residents. International International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 2017, Montreal, Quebec, Canada.
5. Zhang T, **Shireman TI**, Youn BR, Lee Y, Wilson I. Younger female patients had the highest rate of failure to re-start HIV antiretroviral therapy: an analysis of 12 years of US Medicaid data. International Conference on HIV Treatment and Prevention Adherence, June 2018, Miami Beach, FL.
6. Richter KP, Faseru B, Catley D, Gajewski B, Ellerbeck EF, **Shireman TI**, Scheuermann T, Nazir N, Hu J, Martin LE, Shergina E. Changing the Default for Tobacco Treatment: The Impact of Opt-out Treatment on Cessation, Quit Attempts, Treatment Engagement, Patient Satisfaction, and Costs. Oral Presentation at the annual conference of the European Society for Research on Nicotine and Tobacco National Conference. September 2023, London, UK.

OTHER PRESENTATIONS

National

1. Beltz EA, Dayton CS, **Shireman TI**. Confirmation of the theophylline-ciprofloxacin interaction in adult critical care and pulmonary patient populations. ASHP Midyear Clinical Meeting 1988;23:P-147.
2. Hilsenrath PE, Widness PJ, Strauss RG, **Shireman TI**, Fain J, Mutnick AH. An economic analysis of erythropoietin in the treatment of anemia of prematurity, Association for Health Services Research Annual Meeting, July 1993, Washington D.C.
3. **Shireman TI**, Kreling DH, Chewning BA. Economic factors affecting utilization of NSAIDs: Sample effects on results, American Pharmaceutical Association Annual Meeting, March 1996, Nashville, TN.
4. **Shireman TI**, Tsevat J, Goldie S. Assessment of time costs associated with cervical cancer screening. Association for Health Services Research Abstracts of the 16th Annual Meeting 1999;180.
5. Heaton PC, **Shireman TI**, Jones J, Jennings P, Cluxton RT. National Asthma Treatment Guidelines: An evaluation of the Ohio Medicaid population. ASHP Midyear Clinical Meeting 1999;34:P-491D.
6. Smith WE, **Shireman TI**, Jones J, Heaton PC, Jennings P. Health care use in an Ohio Medicaid asthma population. ASHP Midyear Clinical Meeting 1999;34:P-491D.
7. **Shireman TI**, Pancioli AM, Miller EL, Spilker JA, Kissela BM. How are TIAs managed in a managed care setting: Resource use and costs. Stroke Abstracts from the 26th International Stroke Conference 2001;P193.
8. **Shireman TI**, Pancioli AM, Miller EL, Spilker JA, Kissela BM. Resource use and costs of ischemic strokes in a managed care setting. Stroke Abstracts from the 26th International Stroke Conference 2001;P200.
9. Joshi AV, **Shireman TI**. The impact of insurance coverage on prescribing patterns following an outpatient visit in a Medicaid population. J Amer Pharmaceut Assoc 2001;41:319.
10. **Shireman TI**, Joshi AV. Prescription utilization and cost differences among three therapeutic classes between Medicaid fee-for-service and managed care enrollees. J Amer Pharmaceut Assoc 2001;41:327.
11. Howard PA, **Shireman TI**, Dhingra A, Ellerbeck EF, Fincham JE. ACE inhibitor patterns of use in elderly Medicaid patients with heart failure. Amer J Geriatr Cardiol 2001;10:118.
12. Rigler SK, **Shireman TI**, Jachna C. Cholinesterase inhibitor use among older Medicaid beneficiaries. J Amer Geriatr Soc 2003;51:S74.
13. **Shireman TI**, Rigler SK, Braman KS, Day RM. Do home and community-based services reduce nursing home placement? J Amer Geriatr Soc 2003;51:S215-6.
14. **Shireman TI**, Rigler SK, Braman KS, Day RM. Are home and community-based services less costly than nursing home care? J Amer Geriatr Soc 2003;51:S33.
15. Howard PA, **Shireman TI**. Impact of drug therapy patterns on heart failure hospitalizations in Medicaid patients. J Card Fail 2003;9(5):S91.
16. Rigler SK, **Shireman TI**, Perera S, Jachna C, Eng M. The impact of comorbidity on inappropriate medication use: Differing patterns among nursing home residents and recipients of home-and community-based services. J Amer Geriatr Soc 2004;52:S175.
17. **Shireman TI**, Rigler SK, Jachna CM, Griebing TL, Eng ML. Where do Medicaid drug dollars go? An analysis of newer pharmaceuticals across diverse drug classes. J Amer Geriatr Soc 2004;52:S8.

18. **Shireman TI**, Mahnken JD, Howard PA, Kresowik TF, Ellerbeck EF, Hou Q. Development of a bleeding risk model for elderly warfarin recipients with atrial fibrillation. *Circulation* 2005;112(suppl II):823.
19. **Shireman TI**. Health Promotion for Persons with Disabilities: Kansas Medicaid's CMS Transformation Grant. 2007 Government Supported Benefits Summit Meeting, September 2007, Park City, UT.
20. **Shireman TI**. Health Promotion in Persons with Disabilities: Kansas Medicaid's CMS Transformation Grant. 2nd National Medicaid Congress, June 2007, Washington DC
21. **Shireman TI**, Backes J, Greiner A, Ross R. Diabetes Care Quality for Kansans with Physical & Developmental Disabilities, Kansas Public Health Association Meeting, September 2008, Topeka, KS. [Winner, Best Research Poster Award]
22. Butler F, **Shireman TI**, Greiner A, Backes J, James A. Cancer Screening Among Persons with Developmental and Physical Disabilities Enrolled in Kansas Medicaid, Kansas Public Health Association Meeting, September 2008, Topeka, KS.
23. Moeller KE, **Shireman TI**, Generali JA, Rigler SK, Mayorga A. Pharmacy Students' Knowledge of Black Box Warnings. 2008 AACP/AFPC Annual Meeting and Seminars, July 2008, Chicago, IL.
24. Rigler S, **Shireman TI**, Mayorga A, Generali J, Moeller K. Resident knowledge of Black Box Warnings. Society for General Internal Medicine Annual Meeting, April 2008, Pittsburg, PA.
25. **Shireman TI**, Rigler SK. Poor adherence with dyslipidemia and oral diabetes medications among Medicaid enrollees with disabilities. American Pharmacists Association Annual Meeting, March 2008, San Diego, CA.
26. **Shireman TI**, Xu Y, Zhang P, Mishler K. Baseline medication possession ratios for medication therapy management-eligible beneficiaries: The Kansas-Illinois-Missouri Project. American Pharmacists Association Annual Meeting, March 2008, San Diego, CA.
27. **Shireman TI**, Almeshmi A, Wetmore JB, Lu ZJ, Pregonzer M, Quarles LD. Economic analysis of cinacalcet plus low dose Vitamin D versus flexible dose Vitamin D in treating secondary hyperparathyroidism in hemodialysis patients, American Society of Nephrology Renal Week 2009, October 2009, San Diego, CA.
28. **Shireman TI**, Wetmore JB, Mahnken JD, Mukhopadhyay P, Rigler SK. Medicaid enrolled dialysis patients: An important subset for health services research, American Society of Nephrology Renal Week 2009, October 2009, San Diego, CA.
29. **Shireman TI**, Greiner KA, Backes J, James A, Ross R. Health promotion for Kansas with disabilities: Can targeted case managers effectively use health information to improve health care quality? Academy Health Annual Research Meeting, June 2009, Chicago, IL. [Repeated at Kansas Public Health Association Meeting, September 2009, Wichita, KS.]
30. **Shireman TI**, Clark RB, Johnson S, Huske D, Ross R. Adoption of health information technology by case managers to improve quality of care for persons with disabilities, Academy Health Annual Research Meeting, June 2009, Chicago, IL. [Repeated at Kansas Public Health Association Meeting, September 2009, Wichita, KS.]
31. Vacek JL, Hunt SL, **Shireman TI**. Hypertension in a Developmentally Disabled Population: Medication Use and Adherence Patterns, AHA Scientific Sessions, November 2010, Chicago, IL.
32. Svarstad B, Kotchen J, **Shireman TI**, Crawford S, Vivian E, Brown R, Hung S. The Wisconsin TEAM Education and Adherence Monitoring Trial: Pharmacy interventions to improve hypertension control in African Americans. *J Amer Pharm Assn* 2010;50:262-3.
33. Moeller KE, Rigler SK, Mayorga A, Nazir N, **Shireman TI**. Quality of Monitoring for Metabolic Effects Associated with Second Generation Antipsychotics: Affects of Practice Guideline Dissemination in Persons with Schizophrenia on Public Insurance. [abstract from the CPNP 2010 Annual Meeting]. *J Pharm Prac.* 2010;23(2):150 [Awarded Best Original Research].

34. Rigler SK, Mahnken J, Cook-Wiens G, Ellerbeck E, Whittle J, **Shireman TI**. Predictors of non-hospital care for nursing home residents with hip fracture. *J Am Geri Soc* 2010;58(4):S163.
35. Rigler SK, Mahnken J, Cook-Wiens G, **Shireman TI**, Ellerbeck E, Whittle J. How much do nursing home characteristics impact the propensity for antipsychotic initiation? *J Am Geri Soc* 2010;58(4):S168.
36. **Shireman TI**, JB Wetmore, JD Mahnken, Q Hou, SK Rigler, J Spertus, Ellerbeck EF. State Level Geographic Variation in Statin Exposure among Dually Eligible ESRD Patients. *J Am Soc Nephrol* 2010;21:456A .
37. Wetmore JB, JD Mahnken, Q Hou, EF Ellerbeck, SK Rigler, J Spertus, **Shireman TI**. Geographic Variation in Cardioprotective Antihypertensive Medication Usage in Dialysis Patients. *J Am Soc Nephrol* 2010;21:447A
38. Wetmore JB, Ellerbeck EF, Rigler SK, Mahnken JD, Hou Q, Spertus J, **Shireman TI**. Prevalence of chronic atrial fibrillation in dually-eligible dialysis patients. *J Am Soc Nephrol* 2010;21:450A.
39. Wetmore JB, **Shireman TI**, Mahnken JD, Hou Q, Mukhopadhyay P, Rigler SK, Ellerbeck EF. Statin Exposure Over Time in Chronic Dialysis: An Observational, National Study of Dually-Eligible Patients. *J Am Soc Nephrol* 2011;22:720A.
40. **Shireman TI**, Wetmore JB, Mahnken JD, Hou Q, Mukhopadhyay P, Rigler SK, Ellerbeck EF. Predictors of Antihypertensive Medication Exposure Over Time for Dually-Eligible Dialysis Patients. *J Am Soc Nephrol* 2011;22:494A.
41. **Shireman TI**, Ellis B, Waitman LR. Breaking the High Use Cycle: Informatics Capabilities to Identify and Manage High Service Utilizers within the Kansas Medicaid Population, American Medical Informatics Associated Public Health Informatics Meeting, May 2011, Orlando, FL.
42. Tang Y, Fang G, Newman DM, Nguyen E, Brooks JM, **Shireman TI**. Variation in Cardiovascular Prescription Drug Use across the United States. International Society of Pharmacoepidemiology Annual Meeting, August 2011, Boston, MA.
43. Tang Y, Fang G, Newman DM, Nguyen E, Brooks JM, **Shireman TI**. Small Area Variation in Cardiovascular Prescription Drug Use across the United States among Medicaid and Medicare Dual-Eligible Beneficiaries. American Pharmacists Association Annual Meeting, March 2012, New Orleans, LA.
44. Wetmore JB, JD Mahnken, Phadnis MA, Rigler SK, Zhou X, Spertus J, Mukhopadhyay P, **Shireman TI**. Attributable risk of atrial fibrillation for stroke in dialysis patients. *J Am Soc Nephrol* 2012;23:228A.
45. **Shireman TI**, Phadnis MA, Wetmore JB, Rigler SK, Hou Q, Spertus J, Mahnken JD. Time-dependent modeling of the effectiveness of cardioprotective antihypertensives in dialysis patients. *J Am Soc Nephrol* 2012;23:237A.
46. **Shireman TI**, Phadnis MA, Wetmore JB, Rigler SK, Hou Q, Spertus J, Mahnken JD. Time-dependent modeling of mortality benefits of statins in dialysis patients. *J Am Soc Nephrol* 2012;23:787A.
47. Wetmore JB, Rigler SK, Mahnken JD, Hou Q, **Shireman TI**. Trade-offs in claims-based comorbidity identification with early loss of ESRD patients: Adaptation of the Liu comorbidity index. *J Am Soc Nephrol* 2012;23:789A.
48. **Shireman TI**. MAX – The Medicaid Analytical eXtract. Update in Patient-Centered Outcomes Research in Kidney Disease: Early program ASN Kidney Week 2012, October 2012, San Diego, CA.
49. **Shireman TI**. Applying Economic Evaluations to Physical Therapy and Rehabilitation Science Interventions. Pre-session: American Physical Therapy Combined Sections Meeting 2015, February 2015, Indianapolis, IN.

50. **Shireman TI**, Merhi BO, Ogarek J, Bostom A. Cardiovascular Risk Prediction in Chronic Renal Transplant Recipients: Post-Hoc FAVORIT Trial Analyses. American Society of Nephrology Kidney Week 2017, November 2017, New Orleans, LA.
51. Gadbois E, **Shireman TI**. "A Leap of Faith": Multiple Sclerosis Patients' Experiences Balancing the Need for Disease Modifying Therapies with Concerns about Efficacy. American Geriatrics Society, May 2018, Orlando, FL.
52. Gadbois E, **Shireman TI**. "Well, I Could Use a Lot More But That's All I Get": Multiple Sclerosis Patients' Experiences With Home and Community Based Services. American Geriatrics Society, May 2018, Orlando, FL. [Repeated at the Annual Research Meeting, AcademyHealth 2018, Seattle, WA, June 2018]
53. Zhang T, Zullo AR, **Shireman TI**. Effects of comorbidities on functional decline in nursing home residents with multiple sclerosis. American Geriatrics Society, May 2018, Orlando, FL.
54. **Shireman TI**, Zhang T, Fabius C, Ogarek J, Gutman R. Effectiveness of Medicaid's Home- and Community-Based Services for Persons with Multiple Sclerosis. American Geriatrics Society, May 2018, Orlando, FL.
55. Saade E, Mor V, Joyce N, Davison E, Han L, **Shireman TI**, Gravenstein S. Comparative Effectiveness Of High- Versus Standard-dose Influenza Vaccine On Hospitalization For Acute Myocardial Infarction In Nursing-home Residents: A Post-hoc Analysis From A Large Cluster-randomized Trial. ID Week 2018, San Francisco, CA.
56. Ma GX, Lee M, Tan Y, Feng Z, Ilboudo A, Golub SA, Ogunwobi OO, **Shireman TI**. Efficacy of multilevel intervention to enhance Hepatitis B screening and vaccination in underserved communities. American Public Health Association Annual Meeting & Expo 2018, San Diego, CA.
57. **Shireman TI**, Ma GX, Zhu L, Naidoo M, Tan Y, Ogunwobi OO, Rhee J, Kim C. Community health workers are not free but they may be cost-effective. American Public Health Association Annual Meeting & Expo 2018, San Diego, CA.
58. Fashaw SA, **Shireman TI**, McCreedy E, Thomas KS. Changes in schizophrenia documentation in nursing home residents varies by dementia and race. International Conference on Pharmacoepidemiology & Therapeutic Risk Management, August 2019, Philadelphia, PA.
59. Radlowski P, Davidson HE, Han L, Dembek C, **Shireman TI**, Gravenstein S. Clinical characteristics and medication management of long-term care residents with COPD in the US. Chest 2019, New Orleans, LA.
60. **Shireman TI**, Han L, Davidson HE, Dembek C, Gravenstein S. Assessment of peak inspiratory flow rates and medical management of COPD in nursing facility residents. Chest 2019, New Orleans, LA.
61. Dalal D, **Shireman TI**, Varma H, Zhang T. Initial Pharmaceutical Management in a National Cohort of Elderly-Onset Rheumatoid Arthritis Patients. ACR Convergence 2020, November 7, 2020, Virtual.
62. Dalal D, **Shireman TI**, Varma H, Zhang T. Average Follow-up Time After Telemedicine Visit Is Longer Than Conventional Face-to-Face Visit in Outpatient Rheumatology Practice During COVID-19 Pandemic. ACR Convergence 2020, November 9, 2020, Virtual.
63. Babb G, Hughto JMW, **Shireman TI**, Meyers DJ. Disparities in emergency department utilization among transgender and cisgender Medicare beneficiaries from 2011-2020. AcademyHealth, Seattle, WA, June 2023.
64. Balkan E, Babb G, Hughto JMW, **Shireman TI**, Meyers DJ. Receipt of gender-affirming hospital care among dual and non-dual Medicare beneficiaries. AcademyHealth, Seattle, WA, June 2023.
65. Johnson CA, **Shireman TI**, Trivedi AN, Galarraga O. Impact of acute myocardial infarction on statin adherence among Medicaid beneficiaries in 14 states from 2001 to 2015. AcademyHealth, Seattle, WA, June 2023.

66. Moyo P, Girard A, Gairola R, **Shireman TI**, Trivedi AN, Merlin JS, Marshall BDL. Prevalence and Association of Opioid Use Disorder Diagnosis with Nonpharmacologic, Nonopioid, and Opioid Pain Treatment Receipt among Medicare Beneficiaries with Acute Low Back Pain. Oral presentation, 2023 Addiction Health Services Research, New York, NY, October 2023.
67. Babbs G, Hughto JMW, **Shireman TI**, Hughes LD, Meyers DJ. Chronic conditions and healthcare use disparities among transgender/gender diverse and cisgender Medicare beneficiaries. AcademyHealth, Baltimore, MD, June/July 2024.
68. Balkan E, Babbs G, Meyers DJ, Kelly PJA, Yee K, Pletta D, **Shireman TI**, Alpert A, Hughto JMW. Prevalence of gender-affirming surgery for transgender and gender diverse Medicare beneficiaries from 2016-2020. AcademyHealth, Baltimore, MD, June/July 2024.
69. Moyo P, George M, Hughes L, Pletta D, **Shireman TI**, Donohue JM, Hughto JMW. Association of State Medicaid Prescription Cap Policies with Adherence Trajectories of Buprenorphine for Opioid Use Disorder. Oral presentation, 2024 Addiction Health Services Research, San Francisco, CA, October 2024.
70. Resnik L, Freburger J, **Shireman TI**. Learning Health Systems Research: Training for a New Paradigm in Rehabilitation Research. Oral panel, 2024 American College of Rehabilitative Medicine. Dallas, TX, November 2024.

GRANTS & CONTRACTS

Current Grants

1. Just A (Contact PI), **Shireman TI** (MPI), Gadbois E, Fussell E. CHAIRS-C: Climate, Health, and Aging Innovation and Research Solutions for Communities. P20 AG089308, 9/21/2024-8/31/2027.
2. Resnik L, Freburger J, Baier R, McDonough C, Slavin M, Skidmore E, **Shireman TI** (Research Education Core co-lead), Learning Health systems training to improve Disability and chronic condition care (LeaHD), P30 HS029756 12/1/2023-11/30/2028.
3. Moyo P, Hughto JW, **Shireman TI** (Co-Investigator), Impact of Medicaid prescription cap policies on treatment outcomes for opioid use disorder: A national mixed methods study, R01 DA057979, 4/1/2023-2/29/2028.
4. Meyers D (MPI), Hughto JW (MPI), **Shireman TI** (Co-Investigator), NIA, Examining Health Comorbidities and Healthcare Utilization Disparities among Older Transgender and Cisgender Adults in the U.S. R01 AG073440, 07/15/2022 – 03/31/2027.
5. Resnik (PI), **Shireman TI** (Core Leader and Co-Investigator), NIH, LeaRRN: the Learning Health Systems Rehabilitation Research Network, P2CHD101895, 6/1/20-5/31/25
6. Fang (PI), **Shireman TI** (Subcontract PI), Sub to Fox Chase Cancer Center, Evidence-Based Approach to Empower Asian American Women in Cervical Cancer Screening, R01 CA248655, 4/1/20 – 3/31/25
7. **Shireman TI**, Galarraga (MPIs), NIMH, Impact of Prescription Caps on Health Outcomes in People Infected with HIV, R01MH122301, 8/1/20-5/31/25
 - **Shireman TI** (PI), Impact of Prescription Caps on Health Outcomes in People Infected with HIV. R01MH122301-SGM Supplement, 06/16/2021 – 05/31/2022.
8. Mor and Trivedi (MPIs), **Shireman TI** (Project 4 MPI-*Behavioral Control and Alzheimer's Disease: Policies, Medication Use, and Health Effects Across Care Settings*), NIA, Alzheimer's Disease and Related Disorders Treatment and Outcomes in America: Changing Policies and Systems, P01AG027296, 9/15/19-5/31/24 (NCE, 5/31/25)
9. Resnik (PI), **Shireman TI** (Mentor, Research Training Core lead), Foundation for Physical Therapy, Health Services and Health Policy Research and Training, 5/1/15-4/30/25

10. Trivedi (PI), **Shireman TI** (Mentor), AHRQ National Research Service Award, 5T32HS000011-38, 9/30/86 – 6/30/28

Grants Under Review

1. **Shireman TI** (MPI), Hughto JW (MPI), Decision-Making and Relative Safety of Therapeutic Hormones in Transgender and Cisgender Adults, NIHMD, R01MD020351 (Impact Score = 34, Percentile Rank = 18; council review pending.)

Completed Grants

1. **Shireman TI** (PI), Ohio Dept of Human Services, Medicaid Technical Assistance & Policy Program, & Ohio Board of Regents, Medicaid Retrospective Drug Utilization Review and Health Service Research Program for Ohio, 02/27/98 – 06/30/99
2. **Shireman TI** (PI), University of Cincinnati University Research Council, Creating a National Community Pharmacy Database for Economic Research, 06/15/98 – 06/15/99
3. **Shireman TI** (PI), AFPE Springboard to Teaching Fellowship, Comorbidities and Compliance Effects on Health Care Costs in Persons with Schizophrenia, 09/01/98 – 08/31/00
4. Smucker (PI), **Shireman TI** (Investigator), American Academy of Family Physicians Foundation, Impact and Treatment of Congestive Heart Failure in Long-Term Care Settings, 03/01/99 – 11/01/99
5. Zink (PI), **Shireman TI** (Investigator), American Academy of Family Physicians Foundation Teen Compliance with Contraception: Analysis of the Ohio Medicaid DUR Data Base, 06/15/99 – 12/15/99
6. **Shireman TI** (PI), Ohio Dept of Human Services, Medicaid Technical Assistance & Policy Program, & Ohio Board of Regents, Medicaid Retrospective Drug Utilization Review and Health Service Research Program for Ohio: 1999-2001, 06/30/99 – 06/30/01
7. **Shireman TI** (PI), American Heart Association (Heartland Chapter) Beginning Grant-in-Aid, Impact of Combined Warfarin-Antiplatelet Therapy on Major Hemorrhagic Events, 07/01/01 – 06/30/03
8. **Shireman TI** (PI), University of Kansas General Research Fund, Impact of Drug Therapy on Hospitalizations among Medicaid Patients with Heart Failure, 07/01/02 – 06/30/03
9. **Shireman TI** (PI), Kansas Department of Social and Rehabilitation Services, Medicaid's Direct Cost of Care for Non-Aged Disabled, HCBS-Waivered, and Nursing Home Recipients in Kansas, 07/01/02 – 06/30/03
10. Chapin (PI), **Shireman TI** (Investigator), Kansas Department on Aging, Long Term Care for the Elderly Projects: Expanded Examination of Factors Related to Diversion and Successful Community Tenure for Medicaid Customers: The Effect of Diagnosis and Prescription Drug Use, 07/01/03 – 06/30/04
11. **Shireman TI** (PI), Kansas Department of Social and Rehabilitation Services, Patterns and Outcomes of Health Service and Medication Use Among Kansas Medicaid's Aged & Disabled Populations, 07/01/03 – 06/30/04
12. **Shireman TI** (PI), American Heart Association (Heartland Chapter) Grant-in-Aid, Development of a Contemporary Bleeding Risk Model for Elderly Warfarin Recipients, 01/01/04 – 12/31/05
13. Chapin (PI), **Shireman TI** (Investigator), Kansas Department on Aging, Long Term Care for the Elderly Projects: Diversion and Successful Community Tenure among Kansas NF Applicants: The Role of Diagnoses and Medication Use, 07/01/04 – 06/30/05

14. Moeller (PI), **Shireman TI** (Investigator), University of Kansas General Research Fund, Relapse rates in Schizophrenic Patients Receiving Aripiprazole in Comparison to Other Atypical Antipsychotics, 07/01/04 – 06/30/05
15. **Shireman TI** (PI), Kansas Department of Social and Rehabilitation Service, Health Care Status and Utilization Patterns of MediKan Enrollees, 07/01/04 – 12/31/05
16. Svarstad (PI), **Shireman TI** (Investigator), NHLBI, A Team Model of Hypertension Care in African Americans, 09/30/04 – 09/29/09
17. Hall (PI), **Shireman TI** (Investigator), Kaiser Family Foundation, Prescription Drug Analysis of the Kansas Working Buy-In Program, 11/15/04 – 03/15/05
18. **Shireman TI** (PI), Kansas Foundation for Medical Care (KFMC), Subcontract to Centers for Medicare & Medicaid Services Quality Improvement Contract, 08/01/05 – 06/30/08
19. Ellerbeck (PI), **Shireman TI** (Investigator), NIH, KUMC Clinical Research Curriculum Program K30 RR022275-10 Rev, 9/19/05-8/31/10
20. Rigler (PI), **Shireman TI** (Investigator), NIMH, Current Antipsychotics and Fractures in Nursing Homes R01 MH079221, 04/03/06 – 10/31/10
21. **Shireman TI** (PI), University of Kansas Medical Center Lied Center Clinical Pilot Program, Cardiovascular Outcomes Measures in the USRDS: Preliminary Data Analyses for Therapeutic Effectiveness Research, 02/01/07 – 07/31/08
22. **Shireman TI** (PI), CMS Transformation Grant. Subcontract to Kansas Health Policy Authority, Using Predictive Modeling to Improve Preventive Health Care in the Disabled Medicaid Population, 03/01/07 – 10/31/09
23. **Shireman TI** (PI), Kansas Health Policy Authority (KHPA), Medicaid Prescription Drug Expenditures: Trends & Details FY 2005, FY 2006 & FY 2007, 04/01/08 – 09/30/08
24. **Shireman TI** (PI), Amgen, Cost-Effectiveness Analysis of Cinacalcet versus Low-Dose Vitamin D for the Management of Secondary Hyperparathyroidism, 06/01/08 – 12/31/09
25. Nelson and Redford (PIs), **Shireman TI** (Investigator), HRSA Office for the Advancement of Telehealth, Kansas Comprehensive Telehealth Services for Older Adults H2AIT16622, 10/01/09 – 09/30/10
26. Ellerbeck (PI) **Shireman TI** (Investigator), NIH, KU Medical Center Clinical Research Curriculum Program K30 RR022275-10, 09/01/10 – 05/31/11
27. Richter and Cupertino(PIs), **Shireman TI** (Investigator), NIH-Fogarty, Optimizing Treatment for Brazilian Smokers Through Community-Based Primary Care Clinics R03 TW008723, 7/01/10 – 06/30/13
28. Daley (PI), **Shireman TI** (Investigator), NIH, Using CBPR to Implement Smoking Cessation in an Urban American Indian Community R24 MD002773, 05/23/08 – 01/31/13
29. **Shireman TI** (PI), KS Foundation for Medical Care Inc. (DHHS), Health Care Quality Improvement Program-FY2008 to 2011, 08/01/08 – 07/31/11
30. **Shireman TI** (PI), NIH, Are Cardioprotective Medications Effective in ESRD? R01 DK080111-03, 09/15/08 – 07/30/12 (no cost extension to 2013)
31. **Shireman TI** (PI), NIH, Are Cardioprotective Medications Effective in ESRD? R01 DK080111-03S2, 09/30/10 – 09/29/11
32. **Shireman TI** (PI), NIH (diversity supplement), Are Cardioprotective Medications Effective in ESRD? R01 DK080111-02S1, 09/15/08 – 02/29/12
33. Richter (PI), **Shireman TI** (Investigator), NIH, Telemedicine for Smoking Cessation in Rural Primary Care R01 HL087643, 09/15/08 – 07/31/12
34. **Shireman TI** (PI), KHPA, Kansas Medicaid Pharmacy Program: Structure, Function and Opportunities, 04/01/11-12/31/11

35. Hall (PI), **Shireman TI** (Investigator), NIDRR, The Nexus of Employment, Health and Disability: A Study of Health Status and Quality of Life Among Medicaid Buy-In Participants H133G100082, 10/01/10 – 09/30/13
36. Ellerbeck (PI), **Shireman TI** (Investigator), NIH, Centralized Disease Management of Smoking in Rural Primary Care R01 CA101963, 04/01/09 – 01/31/14
37. Choi (PI), **Shireman TI** (Investigator), NCI, Culturally Tailored Smoking Cessation for American Indians R01 CA141618, 09/01/09 – 07/31/14
38. Richter (PI), **Shireman TI** (Investigator), NIH, Increasing Post-discharge Follow Up among Hospitalized Smokers U01 HL105232, 09/20/10 – 05/31/14
39. **Shireman TI** (PI), CMS-KDHE, Identifying Kansas Medicaid beneficiaries in need of a health home, 12/2012- 12/2013 (2014)
40. Wetmore (PI), **Shireman TI** (Investigator), NIH, Factors associated with Warfarin Use in Dialysis Patients with Atrial Fibrillation K23DK085378, 04/01/10 – 02/28/15
41. Barohn (PI), **Shireman TI** (Investigator), NIH, Institutional Clinical and Translational Science Award UL1RR033179, 06/01/11-02/29/16
42. Spertus (PI), **Shireman TI** (Investigator), NHLBI, Cardiovascular Outcomes Research Training Program (T32), 7/1/2012-6/30/2017
43. Grantham (PI), **Shireman TI** (Investigator), NIDDK, T32-Nephrology Training Grant,
44. Waitman (PI), **Shireman TI** (key personnel), Patient-Centered Outcomes Research Institute, Greater Plains Collaborative Clinical Data Research Network, 03/06/14 - 09/05/15 (Left KUMC 07/15)
45. MA (PI), **Shireman TI** (Consultant), NIMHD, Dissemination of an Evidence-based HepB Intervention to Korean Churches R24MD002756, 5/28/2008-2/29/2016
46. **Shireman TI** (PI-subcontract), St. Luke's Hospital, Cost-effectiveness of mechanical thrombectomy: SWIFT-PRIME, 04/01/14 - 03/31/16
47. Befort (PI), **Shireman TI** (Co-Investigator), NIH, Group Phone-based Weight Control among Rural Breast Cancer Survivors, 08/01/11 - 05/31/16
48. Barohn (PI), **Shireman TI** (key personnel), NIH, Institutional Clinical and Translational Science Award (U54), 06/01/11 - 02/29/16 (Left KUMC 07/15)
49. **Shireman TI** (PI), National Multiple Sclerosis Society, Effectiveness of Medicaid's Home- and Community-Based Services for Persons with Multiple Sclerosis, HC 0184, 10/01/14 - 09/30/18, \$132,265
50. **Shireman TI** (PI), Insight Therapeutics, LLC, High Dose Influenza Vaccination and Morbidity and Mortality in U.S. Nursing Homes: Assessing cost-effectiveness and relative benefit compared to standard dose, 12/31/16 – 12/31/18 \$347,107 (NCE)
51. Schmidt (PI), **Shireman TI** (Co-Investigator), Foundation for Physical Therapy, Initial Treatment Approaches and Healthcare Utilization Among Veterans with Low Back Pain, 02/15/18 – 02/14/19, \$25,000
52. **Shireman TI** (PI), Sunovion Pharmaceuticals, Inc., Development and Validation of an MDS-based Tool to Determine COPD Severity and Staging, 10/01/17 - 03/31/19, \$99,000
53. Wilson (PI), **Shireman TI** (Co-Investigator), NIMH, Aging, comorbid conditions, and health care utilization in persons with HIV, 5R01MH102202-04, 04/01/14 - 02/28/19, \$397,355
54. Wilson (PI), **Shireman TI** (Co-Investigator), NIMH, Disparities in Nursing Home Care Quality for Patients Living with HIV/AIDS, 5R01MH109394-04, 7/11/16-4/30/20zh
55. **Shireman TI** (Mentor), Pfizer, Fellowship, Graduate Student Research Assistantship, Nick Jones, current student receiving funding (6/30/20)
56. Zhang T (PI), **Shireman TI** (Co-Investigator), NIDA, Opioids used During Pregnancy and Health Outcomes in Mothers and Their Children(Opioids-Mothers-Children), R21, 07/01/18 – 06/30/20, \$130,456

57. Kumar (PI), **Shireman TI** (Sub PI), Northern Arizona University, Association of Timing of Inpatient Rehabilitation in Ischemic Stroke and Health Outcomes, R03HD096372-02, 2/1/19-8/31/20
58. **Shireman TI** (PI), NIH, Fracture Risks in Renal Transplant Recipients: Post-Hoc Analysis of the FAVORIT Trial, R21, 09/01/18 – 08/31/20, \$124,998
59. Richter (PI), **Shireman TI** (Consultant), NIH, Changing the Default for Tobacco Treatment, R01 HL131512, 2/1/16 – 1/31/21
60. MA (PI), **Shireman TI** (Consultant), NIMHD, A Multilevel CBPR Intervention to Improve Colorectal Cancer Screening in Underserved Vietnamese Americans, U01 MD010627, 6/8/16-1/31/21
61. Dalal (PI), **Shireman TI** (Mentor), Advance CTR 2019 Pilot Projects Program, Impact of Aggressive Rheumatoid Arthritis Therapy on Osteoporotic Fractures in Older Rheumatoid Arthritis Patients, 5/1/19-4/30/21
62. Liaw (PI), **Shireman TI**, Sub-Principal Investigator. Maine Medical Center, Mesenchymal and Neural Regulation of Metabolic Networks, 1P20GM121301-01 11/1/18-8/31/21
63. Akbar U, Belanger E, Jones R, **Shireman TI** (Co-mentor). Improving prognostication in end-stage Parkinson's Disease. Advance CTR Mentored Pilot Award, 8/1/2023-7/31/2024.
64. Gathright (PI), **Shireman TI** (Co-Mentor), NIH, Development of a Values-Affirmation Intervention Targeting Medication Adherence in Older Adults with Heart Failure Completing Cardiac Rehabilitation, K23AG061214, 8/15/19-4/30/24
65. Wilson (PI), **Shireman TI** (Co-Investigator), DOD, The impact of cost sharing on medication adherence in the MHS for both non-retirees and retirees, 1/1/20-12/31/23, NCE
66. Moyo P, Trivedi AN, **Shireman TI** (Co-Investigators), Chronic Pain Management and outcomes in adults with and without opioid use disorder, R03 DA051778, 7/1/2021-6/30/2023
67. Martin (PI), **Shireman TI** (Co-Investigator), NIDA, Using Implementation Interventions and Peer Recovery Support to Improve Opioid Treatment Outcomes in Community Supervision, U01DA050442, 8/1/19-4/30/24
68. Moyo P, Marshall B, **Shireman TI** (Co-mentor). CADRE Project 2: Trends and racial/ethnic differences in use of nonpharmacologic treatments for chronic pain in adults with co-occurring opioid use disorder, P20GM130414, 9/1/2020-5/31/2023
69. Erqou (PI), **Shireman TI** (co-Mentor), VA CDA, Improving quality of cardiovascular care in Veterans living with HIV, 8/1/2020-7/31/2022.
70. Mor and Trivedi (MPLs) **Shireman TI** (Co-Investigator). Alzheimer's Disease and Related Disorders Treatment and Outcomes in America: Changing Policies and Systems, COVID Supplement P01AG027296, 04/15/21-5/31/22
71. Wilson (PI), **Shireman TI** (Investigator), NIMH, Disparities in Nursing Home Care Quality for Patients Living with HIV/AIDS, 5R01MH109394-04, 7/11/16-4/30/22
72. Trivedi (PI), **Shireman TI** (Investigator), VA HSR&D, Impact of VA Disability and Health Benefits on Long-Term Diabetes Outcomes among Veteran-Era Veterans, 1/1/19-12/31/21

UNIVERSITY TEACHING AND MENTORING ROLES

Didactic (e.g., lectures and formal presentations)

<u>Years</u>	<u>Title</u>	<u>Instruction Type</u>	<u>Student Type</u>
University of Cincinnati 1998, 1999	College of Pharmacy Pharmacy Management	Classroom lecture	B.S. Pharm

1999	Pharmacoeconomics	Classroom lecture	B.S. Pharm
1999	Pharmacoeconomics clerkship	Experiential	Pharm D
1999	Introduction to Pharmacy Economics & Policy	Classroom lecture	Graduate

University of Kansas School of Pharmacy

2000-2005	Health Care Systems	Classroom lecture	Pharm D
2000, 2001	Integrated Laboratory	Guest lecture	Pharm D
2000	Pharmacy Management	Classroom lecture	Pharm D
2001-2003	Pharmacoeconomics	On-line, asynchronous	Non-trad Pharm D
2001-2006	Biostatistics	Guest lecture	Pharm D
2002	Pharmacy Practice I	Classroom lecture	Pharm D

University of Kansas School of Medicine

2006	Foundation of Medicine	Classroom lecture	MD
2006, 2008, 2009, 2010	Health of the Public	Small groups	MD
2006, 2007, 2009	Genetics & Neoplasia	Small groups	MD
2006, 2008, 2011, 2013, 2014	Introduction to Pharmacoepidemiology	Classroom lecture (2006- 2011); On-line, asynchronous (2013)	MPH, MS Pharm, MS- CR
2007, 2008, 2009, 2010, 2012, 2014, 2015	Cost-Effectiveness & Decision Analysis	Classroom lecture (2007- 2010); On-line, asynchronous (2010-2015)	MPH, MS, MHSA, PHD
2007-2009	Management of Public Health Data	Lecture / computer lab	MPH
2009, 2013, 2014	Independent study	1 on 1	MS-CR
2008-2011	Community Health Project	1 on 1	MPH
2008-2010	Community Health Practicum	1 on 1	MPH
2012-2013	Health Services Research using Public Payer Data	Computer lab	MPH, MS-CR, PHD

Brown University School of Public Health

2015, 2016	MPH Public Health/Community Service Internship	Seminars	MPH
2016-19, 2021, 2022	Intro to Pharmacoepidemiology	Lecture/Discuss	MPH, MS, PHD
2016, 2018, 2021	Conflicting priorities? Prescription profits & our nation's health	Lecture/Discuss	BA/BS, MPH, MD
2017, 2019, 2021, 2023, 2024 (2)	Minding the Gap: Medicaid and the US Safety Net	Lecture/Discuss	BA/BS, MPH, PHD
2022	Instructor of Record for Journal Club – SP22	Journal Club	PHD

Student Mentoring & Advising**University of Kansas School of Medicine Clinical Scholar Trainees (2006-2015)****MS-CR or MPH Degree with NIH Scholar Funding**

Victoria Wangia (PhD, MPH Nursing)
 Bridgette Jones (MD, MS-CR Peds)
 Kelstan Lynch (Med, MS-CR)
 Aaron Heller (Med, MS-CR)
 Brad Nelson (Med, MPH)
 Satyasree Upadhyayula (Med, MPH)
 Garrett Coyan (Med, MS-CR)
 Min Yoo (Med, MS-CR)
 Robert Kress (DO, MS-CR)
 Aaron Noll (Med, MS-CR)
 Whitney Michaels (Med, MS-CR)
 Brea Lipe (MD, MS-CR Hem/Onc)
 Jasmin Nwachokor (Med, MS-CR)
 Anne Nzuki (Med, MS-CR)
 Stacy Keller (Med, MS-CR)
 Parker Bohm (Med, MS-CR)

K30, CRCP without Master's Degree

Jason Stubbs (MD Nephrology)
 Tara Jenkins (PhD Pharmacy Practice)
 James Vacek (MD Cardiology)
 Angelia Paschal (PhD Public Health)
 Ruth Wetta-Hall (PhD Public Health)
 Sundar Sankaran (MD Nephrology)
 Alpesh Amin (MD Cardiology)

MS-CR Advisees

Romina Barral (MD, Pediatrics)
 James Day (MD, Pediatrics)
 Jennifer Goldman (MD, Pediatrics)
 Kerri McGreal (MD, Nephrology)
 Laura Norton (MD, Pediatrics)
 Sohail Shah (MD, Peds/Surg)
 Scott Taylor (PharmD)
 Utku Uysal (MD, Neurology)
 Ahbijit Lele (MD, Crit Care)

Master's Theses and PhD Dissertations

Year	Student Name	Thesis Title	Degree
University of Cincinnati			
1999	Kelly McGee	Otitis Media Treatment Rates	PharmD
1999	Bridget Garrity	Antidepressant Medication Use Among Medicaid Adolescents	PharmD

2000	Susan Prusak	Sequential Otitis Media Treatment Patterns	PharmD
2000	Wendy Smith	Health Care Utilization and Costs in the Ohio Medicaid Asthma Population	PharmD
2000	Ashish Joshi	Health Care Utilization and Costs in Ohio Medicaid: Managed Care versus Fee-For-Service	MS

University of Kansas Schools of Pharmacy & Medicine

1998	Mary Reeg-Dhingra	A study of community based pharmacist directed interventions in dyslipidemia therapy	MS
1998	Ashish Dhingra	ACE inhibitor patterns of use in elderly Medicaid patients with heart failure	MS
2001	Tammy Cohen	PILLS: Pharmacist Intervention in Lipid Lowering Study	MS
2001	Gregory Sullins	Cost effectiveness analysis of therapy modification after failing statin treatment	MS
2002	Todd Karpinski	Cost and effectiveness of anti-obesity therapy from the perspective of Kansas Medicaid	MS
2004	Carolyn Jachna	Differing patterns of anti-resorptive pharmacotherapy among nursing facility residents and community dwellers	MPH
2005	Cora Lynn Becker	Do ACE Inhibitors Reduce Hospitalizations in Older CHF Patients	MS
2006	Chiung-Ju Liu	Comprehension of health-related written materials by older adults	PHD
2006	Chelsea Fleming	Health care coverage for obesity and weight loss services at a Kansas City, MO, Safety-Net clinic	MPH
2008	Jennifer Watts	Nueve Once	MPH
2008	Heather Flick	Oral Health on Wheels	MPH (honors)
2010	Caitlin Crabb	Screening for Breast, Cervical, and Colorectal Cancers among Individuals with Intellectual Disabilities in Kansas	MPH
2010	Virginia Barnes	Reactions in older adults: evaluation of the University of Kansas Hospital Poison Control Center as a public health resource	MPH
2011	Angie Leon-Salas	Evaluation of smoking cessation knowledge and attitudes among Costa Rican Pharmacists	MPH
2011	Seth Katz	Understanding public knowledge of MRSA prevention in conjunction with CDC educational material	MPH

2011	James Wetmore	Chronic atrial fibrillation in dually-eligible dialysis patients: prevalence and associated factors	K30/MS-CR (honors)
2013	Vinh Pham	Long term outcome of once daily saline irrigation of pediatric chronic rhinosinusitis (CRS)	MS-CR/TL1
2013	Kyle Miller	Identification of A Novel Factor Impacting Erythropoiesis	MS-CR/TL1
2014	Nicholas Britt	The Relationship Between Antimicrobial Tolerance and Clinical Outcomes in Patients with Staphylococcus Aureus Bacteremia	MS-CR/TL1
2014	Jacob Brown	Developmental Changes of Normal Pupil Size and Reactivity in Children 1-17 Years	MS-CR
2014	Abhijit Lele	Use of unfractionated heparin to reduce VTE in patients with aneurysmal subarachnoid hemorrhage: Results from a single-center retrospective cohort study	MS-CR
2015	Jennifer Goldman	Characterization of Human Cytochrome P450 Enzymes Responsible for Trimpethoprim Primary Metabolite Formation.	MS-CR
2015	Anne Nzuki	Sex Differences in 1-Year Health Status following an Acute Myocardial Infarction (AMI)	MS-CR/TL1
2015	Utku Uysal	Management of Nonconvulsive status epilepticus (NCSE)	MS-CR
2015	Melissa Jaffee	Avoidable Emergency Department Utilization Among Kansas Medicaid Beneficiaries with Severe Mental Illness	PHD

Brown University School of Public Health

2017	Bianca Jambekar	Therapeutic Interventions for People with Multiple Sclerosis in the Nursing Home Setting	MPH
2018	Kayla Haubrick	Rural/Urban Differences in Depression Diagnosis and Treatment among Those with Multiple Sclerosis in the Medical Expenditure Panel Survey	MPH
2020	Haley Appaneal	Dissertation chair: Treatment of Urinary Tract Infection (UTI) Across Veterans Affairs (VA) Nursing Homes	PhD, HSPP
2021	Christopher Santostefano	Thesis chair: Multi-tablet regimen durability in the era of single-tablet antiretroviral therapy among Medicaid beneficiaries living with HIV	MPH
2021	Annie Wentz	Predictors of Opioid Analgesia Administration and Discharge Prescribing in ED Patients With Suspected Urolithiasis	PhD, Epi
2022	Dakota Paul	Thesis chair: Community Level Violence and Pediatric Psychotropic Medication Use	MPH

2022	Aiden Meyer	Thesis chair: Inequities in the Utilization of Endovascular Thrombectomy to Treat Large Vessel Occlusion Stroke across US Census Division: An Analysis of the 2016-2018 National Inpatient Samples	UG Honors thesis
2024	Courtney Johnson	Effect of Health Shocks on Statin Adherence: Evidence from Medicaid Claims	PhD, HSPP
Current	Meghan Bellerose	Dissertation chair: Impact of Medicare and Medicaid coverage policies on health services use among people with disabilities	PhD, HSPP
Current	Neto Coulibaly	Dissertation chair: Leveraging real-world data to improve long-term outcomes for older adults following the introduction of advanced acute ischemic stroke therapies	PhD, HSPP

Supervision of Postdoctoral Fellows

Years	Fellow Name	Area of Study
2008-09	Ammar Almeahmi, MD	Cost-effectiveness of cinacalcet in the management of secondary hyperparathyroidism in ESRD patients
2016-17	Meghan Warren, PhD	CoHSTAR fellow: Physical Therapy Foundation
2016-17	Basma Mehri, MD	SURDNA Fellow: Cardiovascular risk and therapeutic management in renal transplant: Post-hoc FAVORIT trial analyses
2018-2021	Deepan Dalal, MD	SURDNA Fellow: Safety of biological agents in Rheumatoid Arthritis: A focus on geriatric inflammatory arthritis
2020-2022	Jacqueline Ellison, MPH, PhD	T32 Women's Health: Contraceptive Service Use among Traditional Medicare and Medicare Advantage Enrollees
2021-2024	Umer Akbar, MD	SURDNA Fellow: Improving Prognostication in End-Stage Parkinson Disease
2021-2023	Ash B. Alpert, MD, MFA	T32 Hematology and Medical Oncology: Transgender People's Experiences Sharing Information With Clinicians: A Focus Group-Based Qualitative Study

Miscellaneous Student Advising

Year	Student name(s)	Student Type
2016	Katelyn Edel, Lauren Sager, Bianca Jambekar, Aderonke Ilegbusi, Catherine Nwachukwu	MPH Core (group advising)
2017	Ayumi Saito, Sofia Carbone, Alana Mercurio, Kayla Haubrick, Laura-Allison Woods	MPH Core (group advising)
2018	Natalie Gill, Deanna Sumrein, Nour Asfour, Saketh Jayanthi, Emily Sokol	MPH Core (group advising)
2019	Baleigh Breaux, Emma Creegan, Sylvia Haigh, Erin Miller, Christopher Santostefano	MPH Core (group advising)
2019	Emily Rehmet	UTRA Summer Research Advisor
2021	Barry Chiu	MPH student epidemiology
2021	Hosam Mohamad	Leadership Alliance Summer Undergraduate Student
2022	Hyesung (Hace) Oh	PhD student, HSPP Academic Advisor
2023	Gray Babbs	PhD student, HSPP Academic Advisor
2023	Christopher Lane	COHSTAR Research Scholar (UNC PhD student)
2024	Natalia Traverso	Leadership Alliance, Undergraduate summer research advisor (University of Puerto Rico)

Brown University School of Public Health Faculty Mentees

Dates	Name, rank
2018 – 2024	Tingting Zhang, Assistant Professor: Research Scientist
2018 – 2024	Ellen McCreedy, Assistant Professor
2018 – 2024	Patience Moyo Dow, Associate Professor
2019 - 2022	Jill Harrison, Assistant Professor
2020 - 2023	Julie Lima, Associate Professor
2020 - 2023	Kristin Konnyu, Assistant Professor

Development of Educational Materials

Year	Title Description	Intended Audience
2006	PRVM 811 Introduction to Pharmacoepidemiology – developed and taught new course for Dept of Preventive Medicine; converted to on-line, 2013	MPH/MS Pharmacy (KUMC)

2007	PRVM 878 / HP&M 883 Cost-Effectiveness & Decision Analysis – developed and taught new course cross listed for Preventive Medicine and Health Policy and Management: converted to on-line, 2012	Graduate students
2007	PRVM 875 Management of Public Health Data – greatly revised course transitioning from 1 to 3 credit hours with a colleague	MPH (KUMC, required)
2012	PRVM876/HPM882 Health Services Research Using Public Payer Data: new graduate course	Graduate students
2012	Analytic Tools for Public Health—Cost analyses for public health interventions	Pre-session for KPHA fall conference (Oct); public health professionals
2012	Patient Centered Outcomes Research: MAX: Medicaid Analytic eXtract	Pre-session for ASN Kidney Week (Nov): nephrology
2015	Applying Economic Evaluations to Physical Therapy and Rehabilitation Science Interventions	Pre-session for CSM American PT Association
2016	PHP 2440 Conflicting priorities? Prescription profits & the nation's health	New course for Brown University graduate students
2017	PHP 2445 Minding the Gap: The U.S. Healthcare Safety Net	New course for Brown University graduate students