

## CURRICULUM VITAE

**THERESA I. SHIREMAN, PHD**

### CONTACT INFORMATION

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### 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, *Journal of the American Pharmacist Association* (Svarstad)  
2019 Top 3 Presentations, North American Young Rheumatology Investigator Forum (Dalal)  
2024 APhA Wiederholt Prize, *Journal of the American Pharmacist Association* (Svarstad)

### MEMBERSHIP IN SOCIETIES

- 1990 – 2009 American Pharmacists Association  
1990 – 2008 American Public Health Association  
1994 – 2005 American Association of Colleges of Pharmacy
  - Chair, Curriculum Committee SAdS Division, 2001-2002
  - Planning Committee, 2002-2003Curriculum 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
  - Chair, Research & Evaluation Section: 2009-2011Secretary: 2012-2013  
2002 – present American Geriatrics Society  
2006 – present International Society for Pharmacoepidemiology

## DEPARTMENT, CENTER, AFFILIATED HOSPITAL, OR UNIVERSITY SERVICE

<b>1997-1999</b>	<b>Service to the University of Cincinnati</b>
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
<b>2000-2005</b>	<b>Service to the University of Kansas (Lawrence Campus)</b>
2002-2003	Summer Fulbright Faculty Mentor
2003-04	Pharmacy Dean Search Committee
2003-2004	General Education Assessments
<b>2000-2005</b>	<b>Service to the University of Kansas School of Pharmacy Committees</b>
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
<b>2006-2015</b>	<b>Service to the University of Kansas Medical Center (Kansas City)</b>
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,  
*My Beloved World* by Sonya Sotomayor, Sept 2016  
*The Tsar of Love and Techno* 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, *The Immortal Life of Henrietta Lacks*

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)

- 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"> <li>•Pre-application Review, September 2015</li> <li>•Application Review, May 2016</li> </ul>
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**, Almehti A, Wetmore JB, Lu J, Pregoner 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, Stolze 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.
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#### **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](http://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  $\beta$ -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**, Almehehi 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 (MPIs) **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>
1998, 1999	University of Cincinnati 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**

<b>Year</b>	<b>Student Name</b>	<b>Thesis Title</b>	<b>Degree</b>
<b>University of Cincinnati</b>			
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

<b>Year</b>	<b>Student name(s)</b>	<b>Student Type</b>
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**

<b>Dates</b>	<b>Name, rank</b>
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**

<b>Year</b>	<b>Title Description</b>	<b>Intended Audience</b>
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