

Curriculum Vitae

Fernando A. Wilson, Ph.D.

CONTACT INFORMATION

Matheson Center for Health Care Studies
University of Utah
Salt Lake City, UT
Phone: 801/585-7501
Email: fernando.wilson@utah.edu

EDUCATION

2006 Ph.D., Economics, University of Chicago

1997 B.A., Economics, University of Texas at Austin

EXPERIENCE

2019- Director and Endowed Chair, Matheson Center for Health Care Studies,
University of Utah

2019- Professor, Department of Economics, University of Utah

2019- Professor, Department of Population Health Sciences, University of Utah

2018-2019 Director, Masters of Health Administration Program, University of
Nebraska Medical Center

2016-2019 Director, Center for Health Policy, University of Nebraska Medical Center

2014-2019 Graduate Program Director, Department of Health Services Research and
Administration, University of Nebraska Medical Center

2013-2019 Associate Professor, Department of Health Services Research and
Administration, University of Nebraska Medical Center

2010-2012 Director of Health Services and Policy Research, UNTHSC
Osteopathic Research Center

2006-2012 Assistant Professor, Department of Health Management and Policy,
UNT Health Science Center

PEER REVIEWED PUBLICATIONS

Stimpson JP, Wang Y, **Wilson FA**. Association of Indiana's Section 1115 Waiver with Medicaid Enrollment. *JAMA Network Open*. In press

Larson JL, Rosen AB, **Wilson FA**. The Effect of Telehealth Interventions on Quality of Life of Cancer Survivors: A Systematic Review and Meta-Analysis. *Health Informatics Journal*. In press

Tak HJ, Chen LW, **Wilson FA**, Goldsweig AM, Oleynikov D, Hawking M, Shih YC. Post-discharge Services for Different Diagnoses Than Index Hospitalization Predict Decreased 30-Day Readmissions Among Medicare Beneficiaries. *Journal of General Internal Medicine*. In press

Stimpson JP, Kemmick Pintor J, McKenna RM, Park S, **Wilson FA**. Association of Medicaid expansion with health insurance coverage for disabled persons. *JAMA Network Open*. In press

Wang Y, Laestadius L, Stimpson JP, **Wilson FA**. Association Between E-Cigarette Use and Acculturation Among Adult Immigrants in the United States. *Substance Abuse: Research and Treatment*. In press

Sankeerth R, **Wilson FA**, Tak HJ, Roy S, Wani R, Markiewicz MR, Allareddy V. Patient-characteristics and causes of facial fractures in the State of California. *Journal of Oral and Maxillofacial Surgery*. In press

Wani R, Tak HJ, Watanabe-Galloway S, Klepser D, Wehbi N, Chen LW, **Wilson FA**. Predictors and Costs of Thirty-Day Readmissions after Index Hospitalizations for Alcohol-Related Disorders in US Adults. *Alcoholism: Clinical and Experimental Research*. In press

Araz O, **Wilson FA**, Stimpson JP. Complex Systems Modeling for Evaluating Potential Impact of Traffic Safety Policies: A Case on Drug-Involved Fatal Crashes. *Annals of Operations Research*. In press

Stimpson JP, **Wilson FA**. Medicaid Expansion Improved Health Insurance Coverage for Immigrants but Disparities for Non-Citizen Immigrants Persist. *Health Affairs*. 2018;37(10):1656-1662.

Johansson P, Schober DJ, Leon MA, Brueggemann G, Tutsch SF, Lyden E, **Wilson FA**, Schulz PS, Zimmerman L, Estabrooks P. Adapting an Evidence-Based

- Cardiovascular Disease Risk Reduction Intervention to Urban American Indians. *Journal of Health Care for the Poor and Underserved*. 2019;30(2):618-636.
- Michaud TL, Siahpush M, Schwab RJ, Eiland LA, DeVany M, Hansen G, Slachetka TS, Boilesen E, Tak HJ, **Wilson FA**, Wang H, Pagan JA, Su D. Remote patient monitoring and clinical outcomes for post-discharge patients with type 2 diabetes. *Population Health Management*. 2018;21(5):387-394.
- Wang Y, Do KP, **Wilson FA**. An Examination of Immigrants' Use of E-Health Services in the United States: Evidence from a National Sample. *Public Health Reports*. 2018;133(6):677-684.
- Rampa S, **Wilson FA**, Wang H, Wehbi NK, Smith L, Allareddy V. Hospital-Based Emergency Department Visits with Dental Conditions: Impact of the Medicaid Reimbursement Fee-for-Dental Services in New York State, 2009-2013. *Journal of Evidence-Based Dental Practice*. Online ahead of print.
- Wang Y, **Wilson FA**, Stimpson JP, Wang H, Palm DW, Chen B, Chen LW. Fewer Immigrants Have Preventable Emergency Department Visits in the United States. *American Journal of Emergency Medicine*. Online ahead of print.
- Wani RJ, Wisdom JP, **Wilson FA**. Emergency Department Utilization for Substance Use-Related Disorders and Assessment of Treatment Facilities in New York State, 2011–2013. *Substance Use & Misuse*. 2019;54(3):482-494.
- Cramer ME, Mollard E, Kupzyk K, **Wilson F**, Ford AL. The Feasibility and Promise of Using Mobile Technology to Reduce Preterm Births: A Pilot Study. *Public Health Nursing Journal*. 2018;35(6):508-516.
- Larson JL, Rosen AB, **Wilson FA**. The Effect of Telehealth Interventions on Quality of Life of Cancer Patients: A Systematic Review and Meta-Analysis. *Telemedicine and e-Health*. 2018;24(6):397-405.
- Skrundevskiy AN, Omar OS, Kim JY, Soliman AS, Korolchuk TA, **Wilson FA**. Return on Investment Analysis of Breast Cancer Screening and Downstaging in Egypt: Implications for Developing Countries. *Value in Health Regional Issues*. 2018;16:22-27.
- Huefner JC, Ringle JL, Thompson RW, **Wilson FA**. Economic evaluation of residential length of stay and long-term outcomes. *Residential Treatment for Children and Youth*. 2018;35(3):192-208.
- Wilson FA**, Wang Y, Borrell LN, Bae S, Stimpson JP. Disparities in Oral Health by

- Immigration Status in the United States. *Journal of the American Dental Association*. 2018;149(6):414-421.
- Chen LW, **Wilson FA**, Gregg A, Gupta N, Bekmuratova S, Palm D. Measuring the Cost and Value of Quality Improvement Initiatives for Local Health Departments. *Journal of Public Health Management & Practice*. 2018;24(2):164-171.
- Trout KE, Rampa S, **Wilson FA**, Stimpson JP. Legal Mapping Analysis of State Telehealth Reimbursement Policies. *Journal of Telemedicine and e-Health*. 2017;23(10):805-814.
- Wang Y, **Wilson FA**, Chen LW. The Association Between Immigration Status and Office-Based Medical Provider Visits for Cancer Patients in the United States. *Medical Care*. 2017;55(6):629-635.
- Rampa S, **Wilson FA**, Wani R, Allareddy V. Emergency Department Utilization Related to Dental Conditions and Distribution of Dentists, Nebraska 2011-2013. *Journal of Evidence-Based Dental Practice*. 2017;17(2):83-91.
- Wilson FA**, Rampa S, Trout KE, Stimpson JP. Telehealth Delivery of Mental Health Services: An Analysis of Private Insurance Claims Data in the United States. *Psychiatric Services*. 2017;68(12):1303-1306.
- Wilson FA**, Rampa S, Trout K, Stimpson JP. Reimbursements for Telehealth Services Are Likely to be Lower than Non-Telehealth Services in the United States. *Journal of Telemedicine and Telecare*. 2017;23(4):497-500.
- Wilson FA**, Wang Y. Recent Findings on the Prevalence of E-Cigarette Use Among Adults in the U.S. From the National Health Interview Survey. *American Journal of Preventive Medicine*. 2017;52(3):385-90.
- Zimmerman L, **Wilson FA**, Schmaderer MS, Struwe L, Pozehl B, Paulman A, Bratzke LC, Moore K, Raetz L, George B. Cost-Effectiveness of a Care Transition Intervention Among Multimorbid Patients. *Western Journal of Nursing Research*. 2017;39(5):622-42.
- Rampa S, **Wilson FA**, Allareddy V. Trends in Dental-Related Emergency Department Visits in the State of California from 2005 to 2011. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology*. 2016;122(4):426-33.
- Su D, Kelley MS, Michaud TL, Siahpush M, Kim JY, **Wilson F**, Stimpson JP, Pagán JA. Does Telemedicine Improve Treatment Outcomes for Diabetes? A Meta-Analysis of Results from 55 Randomized Controlled Trials. *Diabetes Research and Clinical Practice*. 2016;116:136-48.

- Nelson S, Kim JY, **Wilson FA**, Soliman AS, Ngoma T, Kahesa C, Mwaiselage J. Cost-Effectiveness of Screening and Treatment for Cervical Cancer in Tanzania: Implications for other Sub-Saharan African Countries. *Value in Health Regional Issues*. 2016;10:1-6.
- Stimpson JP, Zhu H, **Wilson FA**. Bicyclists found at-fault for bicycle crashes in California. *American Journal of Emergency Medicine*. 2016;34(8):1699-1701.
- Stimpson JP, Zhu H, **Wilson FA**. Trends in bicycle crashes in California. *American Journal of Emergency Medicine*. 2016;34(7):1318-9.
- Wang Y, **Wilson FA**, Larson J, Chen LW. The Use of E-Cigarettes Among U.S. Immigrants: The 2014 National Health Interview Survey. *Public Health Reports*. 2016;131(4):605-13.
- Zhu H, **Wilson FA**, Stimpson JP, Araz OM, Kim JY, Chen B, Wu LT. The Association of Gasoline Prices with Hospital Utilization and Costs for Motorcycle and Non-Motorcycle Motor Vehicle Injuries in the United States. *Medical Care*. 2016;54:837-844.
- Wilson FA**, Araz OM, Thompson RW, Ringle JL, Mason WA, Stimpson JP. A Decision Support Tool to Determine Cost-to-Benefit of a Family-Centered In-Home Program for At-Risk Adolescents. *Evaluation and Program Planning*. 2016;56:43-49.
- Wilson FA**, Miller TL, Stimpson JP. Mycobacterium Tuberculosis Infection, Immigration Status, and Diagnostic Discordance: A Comparison of Tuberculin Skin Test and QFT-GIT Among Immigrants to the United States. *Public Health Reports*. 2016;131(2):303-310.
- Zallman L, **Wilson FA**, Stimpson JP, Bearse A, Arsenault L, Dube B, Himmelstein D, Woolhandler S. Unauthorized Immigrants Prolong the Life of Medicare's Trust Fund. *Journal of General Internal Medicine*. 2016;31(1):122-127.
- Wilson FA**, Wang Y, Stimpson JP, McFarland KK, Singh K. Use of Dental Services by Immigration Status in the United States. *Journal of the American Dental Association*. 2016;147(3):162-169.
- Wilson FA**, Wang Y, Stimpson JP. Do Immigrants Underutilize Optometry Services? *Optometry and Vision Science*. 2015;92(11):1113-1119.
- Zhu H, **Wilson FA**, Stimpson JP, Hilsenrath PE. Rising Gasoline Prices Increase New Motorcycle Sales and Fatalities. *Injury Epidemiology*. 2015; 2:23

doi:10.1186/s40621-015-0054-3

Kim JY, ElRayes W, **Wilson FA**, Su D, Oleynikov D, Morien M, Chen LW. Identifying Barriers to Accessing Robot-Assisted Radical Prostatectomy among Patients with Localized Prostate Cancer in California. *BMJ Open*. 2015;5:e007409 doi:10.1136/bmjopen-2014-007409

Wilson FA, Stimpson JP, Wang Y. Inconsistencies Exist in National Estimates of Eye Care Utilization in the United States. *Journal of Ophthalmology*. 2015 (2015); Article ID 435606

Wilson FA, Licciardone JC, Kearns CM, Akuoko M. Analysis of Provider Specialties in the Treatment of Patients with Clinically Diagnosed Back and Joint Problems. *Journal of Evaluation in Clinical Practice*. 2015;21(5):952-7. doi: 10.1111/jep.12411

Miller TL, **Wilson FA**, Pang JW, Beavers S, Hoger S, Sharnprapai S, Pagaoa M, Katz DJ, Weis SE. Mortality Hazard and Survival After Tuberculosis Treatment. *American Journal of Public Health*. 2015;105(5):930-7. doi: 10.2105/AJPH.2014.302431.

Zhu H, **Wilson FA**, Stimpson JP. The Relationship Between Gasoline Price and Patterns of Motorcycle Fatalities and Injuries. *Injury Prevention*. 2015;21(3):153-8. doi: 10.1136/injuryprev-2014-041314

Wilson FA, Villarreal R, Stimpson JP, Pagán J. Cost-Effectiveness Analysis of a Colonoscopy Screening Navigator Program Designed for Hispanic Men. *Journal of Cancer Education*. 2015;30(2):260-7. doi: 10.1007/s13187-014-0718-7

Su D, Stimpson JP, **Wilson FA**. Racial Disparities in Mortality Among Middle-Aged and Older Men: Does Marriage Matter? *American Journal of Men's Health*. 2015;9(4):289-300. doi: 10.1177/1557988314540199

Wilson FA, Stimpson JP, Pagan JA. Disparities in Health Outcomes of Return Migrants in Mexico. *International Journal of Population Research*. 2014;doi:10.1155/2014/468250.

Zhu H, **Wilson FA**, Stimpson JP, Pagán J. The Importance of Cocaine Price and Purity in Predicting Trends in Emergency Department Visits for a Major Metropolitan Area. *Journal of Urban Health*. 2014;91(5):1009-1018.

Wilson FA, Wang Y, Stimpson JP, Sikora A, Do DV, Britigan DH. Disparities in Visual Impairment by Immigrant Status in the United States. *American Journal of Ophthalmology*. 2014;158(4):800-807.

- Wilson FA**, Wang Y, Stimpson JP. The Role of Paid Leave in Increasing Breast Cancer Screening Among Female Employees in the U.S. *Journal of Cancer Policy*. 2014;2:89-92.
- Stimpson JP, **Wilson FA**, Araz O, Pagan JA. Share of Mass Transit Miles Traveled and Reduced Motor Vehicle Fatalities in Major Cities of the United States. *Journal of Urban Health*. 2014;91(6):1136-1143.
- Stimpson JP, **Wilson FA**. Stimpson and Wilson Respond. *Public Health Reports*. 2014;129(4):318.
- Stimpson JP, **Wilson FA**, Zallman L. ED Visits and Spending by Unauthorized Immigrants Compared with Legal Immigrants and US Natives. *American Journal of Emergency Medicine*. 2014;32(6):679-680.
- Wilson FA**, Stimpson JP, Pagán J. Fatal Crashes From Drivers Testing Positive for Drugs in the U.S., 1993-2010. *Public Health Reports*. 2014;129(4):342-350.
- Stockbridge E, **Wilson FA**, Pagán J. Psychological Distress and Emergency Department Utilization in the United States: Evidence from the Medical Expenditure Panel Survey. *Academic Emergency Medicine*. 2014;21:510-519.
- Wilson FA**, Wang Y, Stimpson JP. Universal Paid Leave Increases Influenza Vaccinations Among Employees. *Vaccine*. 2014;32(21):2441-2445.
- Rosshem M, **Wilson FA**, Rodriguez M, Suzuki S, Walters S, Thombs D. Associations Between Drug Use and Motorcycle Helmet Use in Fatal Crashes. *Traffic Injury Prevention*. 2014;15(7):678-684.
- Wilson FA**, Stimpson JP, Tibbits M. The Role of Alcohol Consumption on Recent Trends in Distracted Driving. *Accident Analysis and Prevention*. 2013;60:189-92.
- Stimpson JP, **Wilson FA**, Muelleman R. Fatalities of Pedestrians, Bicycle Riders, and Motorists due to Distracted Driving Motor Vehicle Crashes in the United States, 2005-2010. *Public Health Reports*. 2013;128(6):436-442.
- Stimpson JP, **Wilson FA**, Su D. Health Care Spending by Unauthorized Immigrants is Lower Than Other Immigrants and US Natives. *Health Affairs*. 2013;32(7):1313-1318.
- Miller TL, Cirule A, **Wilson FA**, Holtz TH, Riekstina V, Cain KP, Moonan PK, Leimane V. The Value of Effective Public Tuberculosis Treatment: An Analysis of Opportunity Costs Associated with Multi-Drug Resistant Tuberculosis in Latvia.

Cost Effectiveness and Resource Allocation. 2013;11:9.

Stimpson JP, **Wilson FA**, Peek M. Marital Status, the Economic Benefits of Marriage, and Days of Inactivity due to Poor Health. *International Journal of Population Research.* 2012;doi:10.1155/2012/568785.

Stimpson JP, **Wilson FA**, Murillo R, Pagán J. Persistent Disparities in Cholesterol Screening Among Immigrants to the United States. *International Journal for Equity in Health.* 2012;11:22.

Stimpson JP, **Wilson FA**, Watanabe-Galloway S, Peek M. The Effect of Marriage on Utilization of Colorectal Endoscopy Exam in the United States. *Cancer Epidemiology.* 2012;36:e325-e332.

Wilson FA, Stimpson JP. Trends in Fatalities From Distracted Driving in the U.S., 1999-2008. *American Journal of Public Health.* 2010;100(11):2213-2219.

Stimpson JP, **Wilson FA**, Eschbach K. Trends in Health Care Spending For Immigrants in the United States. *Health Affairs.* 2010;29(3):544-550.

Stimpson JP, **Wilson FA**, Reyes-Ortiz C. Influence of Number of Children on Cancer Screening and Diagnostic Testing Among Adults in the United States. *Journal of Medical Screening.* 2009;16:170-173.

Dallo F, **Wilson FA**, Stimpson JP. Quality of Diabetes Care for Immigrants in the United States. *Diabetes Care.* 2009;32(8):1459-1463.

Wilson FA, Stimpson JP, Hilsenrath P. Gasoline Prices and Their Relationship with Rising Motorcycle Fatalities, 1990-2006. *American Journal of Public Health.* 2009;99(10):1753-1758.

Stimpson JP, **Wilson FA**. Cholesterol Screening Varies by Marital Status and Gender in the United States. *Preventing Chronic Disease.* 2009;6(2):1-9.

Hilsenrath P, **Wilson FA**. Osteopathic Medicine and the Production of Physicians in the United States. *Journal of Healthcare Finance.* 2008;35(1):34-43.

Stimpson JP, **Wilson FA**, Jeffries S. Seeking Help for Disaster Services After a Flood. *Disaster Medicine & Public Health Preparedness.* 2008;2(3):139-141.

TECHNICAL AND POLICY REPORTS

- Wilson FA**, Tatar M, Mosalpuria K, Lamsal R, Palm D, Wehbi N, Chen LW. The Predicted Impact of Medicaid Expansion on Nebraska's Hospital Providers. Omaha, NE: UNMC Center for Health Policy; 2018.
- Wilson FA**, Wehbi N, Khan A. Economic Implications of Tobacco Use for the State of Nebraska Government. Omaha, NE: UNMC Center for Health Policy; 2018.
- Stimpson JP, Brandert K, Grimm B, **Wilson FA**. Evaluation of a Competency-Based Health Policy Training Program. Omaha, NE: UNMC Center for Health Policy; 2018.
- Wilson FA**, Wehbi NK, Larson J, Mosalpuria K, Chen E, Deras M. The Status of the Healthcare Workforce in the State of Nebraska. Omaha, NE: UNMC Center for Health Policy; February 2018.
- Wilson FA**, Wehbi NK, Larson J, Chen LW. The Impact on Youth Smoking of Increasing the Cigarette Tax in Nebraska: An Update for 2018. Omaha, NE: UNMC Center for Health Policy; February 2018.
- Wilson FA**, Wehbi NK. A Review of Evidence in Support of Smoke-Free Campuses. Fact Sheet. Omaha, NE: College of Public Health; April 2017.
- Wilson FA**, Wehbi NK, Larson J, Chen LW. Predicted Impact on Youth Smoking from Increasing the Cigarette Tax in Nebraska. Fact Sheet. Omaha, NE: College of Public Health; March 2017.
- Wilson FA**, Wehbi NK, Mosalpuria K, Chen LW. Raising the Minimum Legal Sales Age for Tobacco Products in Nebraska. Omaha, NE: Center for Health Policy; December 2016.
- Wilson FA**. State of Nebraska Employee Flex-Time Allowance to Provide Mentoring Time for Nebraska's Most Vulnerable Youth. Omaha, NE: Midlands Mentoring Partnership; 2016.
- Wilson FA**, Wehbi NK, Mosalpuria K. An Overview of State Criteria for Declaring a Public Health Emergency. Omaha, NE: Center for Health Policy; October 2016.
- Wilson FA**. Fact Sheet – Pine Ridge Reservation. Omaha, NE: Center for Health Policy; October 2016.
- Wilson FA**, Trout K, Rampa S, Stimpson JP. An Examination of Private Payer Reimbursements to Primary Care Providers for Healthcare Services Using Telehealth, United States 2009-2013. Washington, DC: Health Care Cost Institute and the National Academy for State Health Policy; 2016.

Wilson FA, Larson J, Chen LW. The Economic Impact of Increasing Cigarette Taxes in the State of Nebraska. Omaha, NE: College of Public Health; October 11, 2015.

Araz O, **Wilson FA**. An Excel-Based Toolkit to Determine Return on Investment of the Boys Town Family Home Program to Improve Outcomes for At-Risk Adolescents. Omaha, NE: Boys Town National Headquarters; 2014.

Stimpson JP, **Wilson FA**, Nguyen A, Shaw-Sutherland K. Medicaid Expansion in Indiana. Indianapolis, IN: Indiana Hospital Association; 2013.

BOOK CHAPTERS

Wilson FA, Stimpson JP. Chapter 9: Claims and Reimbursement for Providers. In: Pozen A, Stimpson JP, eds. *Navigating Health Insurance*. 1st ed. Burlington, MA: Jones & Bartlett Learning; 2018:107-114.

Li Y, **Wilson FA**, Villarreal R, Pagán JA. Chapter 8: Integrating Principles from Behavioral Economics into Patient Navigation Programs Targeting Cancer Screening. In: *Behavioral Economics and Healthy Behaviors: Key Concepts and Current Research*. 1st ed. Routledge; 2017.

GRANTS AND CONTRACTS

Current Funding

John and Dianne Scott	Wilson (PI)	01/01/19—12/30/21
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Immigration-Focused Medical-Legal Partnership Evaluation
The goal of this project is to evaluate and determine the financial and social return on investment of providing medical-legal services to immigrants.
Role: PI (8%)
Total funding: \$145,729

Previous Funding

Area Health Education Center (AHEC) Nebraska's Healthcare Workforce	Wilson (PI)	04/01/19—07/05/19
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The goal of this project is to analyze the distribution of licensed health professionals in the state of Nebraska.
Role: PI (9.1%)
Total funding: \$32,000

NIH (U54GM115458) Great Plains IDeA-Center for Translation Research	Multiple PI	09/01/16—07/05/19
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The goal of this multi-institutional project is to create and sustain infrastructure and other resources to expand translation research in the region.

Role: Co-Investigator (5%)
Total funding: \$20 million

CDC NIOSH Rautianinen (PI) 01/01/13—07/05/19
Central States Center for Agricultural Safety and Health

The goal of this project is to discover the mechanisms of injury and illness, and to develop, implement, and evaluate prevention strategies that measurably improve the health and safety of members of the agricultural community.

Role: Co-Investigator (3%)
Total funding: \$5 million

Magnolia Medical Technologies Wilson (PI) 03/01/19—05/31/19
Economic Evaluation of Steripath

The goal of this project is to undertake return on investment and cost-benefit analyses of the Steripath blood specimen diversion device.

Role: PI (13%)
Total funding: \$8,948

Nebraska Hospital Foundation Wilson (PI) 10/15/18—12/15/18
Medicaid Expansion Hospital Impact Study

The goal of this project is to determine the economic impact of Medicaid expansion on hospital providers in the state of Nebraska.

Role: PI(29%)
Total funding: \$47,600

Leona M. and Harry B. Charitable Trust Paulman (PI) 08/01/16—12/31/18
Simulation In Motion-Nebraska

The goal of this project is to undertake needs assessment and evaluation of a statewide, mobile education system for emergency responders and emergency department staff.

Role: Co-Investigator (10%)
Total funding: \$5.5 million

Area Health Education Center (AHEC) Wilson (PI) 04/01/17—11/01/17
Nebraska's Healthcare Workforce

The goal of this project is to analyze the distribution of licensed health professionals in the state of Nebraska.

Role: PI (10%)
Total funding: \$40,500

UNMC Faculty Diversity Fund Program Wilson (PI) 07/01/15 – 06/30/17

The goal of this funding is to support research into causes and solutions for disparities in health outcomes within underserved communities.

Role: PI (45%)

Total funding: \$100,000

Blue Cross and Blue Shield of Nebraska Cramer (PI) 01/1/15 – 07/01/16
Mobile Technology with Community Health Worker Reinforcement: An Evidence-based
Intervention to Reduce Rural Preterm Births.

The goal of this project is to examine the impact of delivering an evidence-based clinical
intervention using mobile technology on rural preterm births.

Role: Co-Investigator (10%)

Total funding: \$201,088

Health Care Cost Institute Wilson/Stimpson (PI) 02/01/15 – 02/29/16
State-Level Analysis of Telehealth Policies

The goal of this project is to monitor the impact of telehealth policies at the state level
on healthcare utilization and costs for treating chronic conditions.

Role: PI (30%)

Total funding: \$149,942

Center for Medicare & Medicaid Innovation Constantine (PI) 09/01/14 – 10/31/15
Remote Interventions Improving Specialty Complex Care (RIISCC)

The goal of this project is to test the RIISCC model, which aims to employ remote
patient monitoring post-discharge by utilizing telehealth consultations for participants at
community health centers.

Role: Co-Investigator (7.5%)

Total funding: \$9,993,626

UNMC Faculty Diversity Fund Program Wilson (PI) 07/01/13 – 06/30/15

The goal of this funding is to support research into causes and solutions for disparities
in health outcomes within underserved communities.

Role: PI (45%)

Total funding: \$100,000

UNMC e-Learning Strategic Initiative Wilson (PI) 09/01/14 – 10/31/14

The goal of this funding is to develop e-learning modules on concepts in health care
finance for medical residents.

Role: PI (2.6%)

Total funding: \$3,000

State of Nebraska (NE DHHS 18001-Y3) Deras (PI) 06/15/13 – 04/30/14
Rural/Urban Commute Areas (RUCA)

The goal of this project is to examine past trends and project the future supply for
selected primary care health professionals based on Rural/Urban commute areas and
develop a new reporting format for primary care health professionals.

Role: Co-Investigator (4.47%)

Total funding: \$22,000

Boys Town National Headquarters Wilson (PI) 10/01/13 – 12/31/13
Return on Investment Economic Evaluation Tool
The goal of this project is to develop a tool to predict ROI of using Boys Town Family Services relative to alternative programs.
Role: PI (3.2%)
Total funding: \$11,328

RWJ Foundation Public Health Law Research Wilson (PI) 11/15/11 – 10/31/13
Electronic Device Use and Distracted Driving Fatalities: Do State Regulations Matter?
The goal of this project is to undertake a detailed, comprehensive analysis of regulatory methods in combating distracted driving from electronic device use that will allow us to recommend a “best practices” list of policies that are most promising in decreasing this public health threat.
Role: PI (35%)
Total funding: \$144,428

Indiana Hospital Association Stimpson (PI) 01/01/13-01/31/13
Economic Impact of Medicaid Expansion on Indiana
The goal of this project is to conduct an economic impact analysis of Medicaid expansion for the state of Indiana.
Role: Co-Investigator (2.2%)
Total funding: \$10,000

Centers for Medicare & Medicaid Services Pagán (PI) 07/01/12 –12/31/12
Health Care Innovations Award
The goal of this project is to expand and test the Interventions to Reduce Acute Care Transfers (INTERACT) assessment tools for residents of assisted living and dementia care facilities.
Role: Co-Investigator (10%)
Total funding: \$7,300,000

CPRIT Research Grant (PP110120) Villarreal (PI) 03/01/11 – 12/31/12
University Health System Colorectal Cancer Screening Male Navigation Program
The goal of this project is to develop a model to reduce cancer mortality in men by increasing colorectal screening rates.
Role: Co-Investigator (10%)
Total funding: \$731,408

Texas Dept. of State Health Services Wilson (PI) 06/01/12 – 07/01/12
Return on Investment Training Grant
The goal of this project is to train public health employees in methods to evaluate financial return on public health programs.
Role: PI (18%)
Total funding: \$15,000

UNTHSC Junior Faculty Seed Grant Wilson (PI) 07/01/11 – 06/30/12
Adversity in Health Care: The Role of Race and Ethnicity in Vehicle Crashes
The goal of this project is to evaluate race/ethnic differences throughout the entire cycle of a motor vehicle crash from cause of accident and emergency medical services response to hospital discharge for minority crash victims in Texas.
Role: PI
Total funding: \$20,000

NIH R18 (5R18HL092955-03) Coultas (PI) 07/01/10 – 12/31/12
Randomized Trial of Physical Activity Self-Management Intervention for Patients with Chronic Obstructive Pulmonary Disease
The goal of this project is to implement and evaluate a novel physical activity self-management intervention for patients with COPD.
Role: Co-Investigator (3%)
Total funding: \$654,594

CDC (5U90TP000408-02) Quiram (PI) 09/30/10 – 05/31/12
Training and Education Collaborative System Preparedness and Emergency Response Learning Center
The goal of this project is to design and implement a national emergency preparedness program to train mid-level emergency responders.
Role: Co-Investigator (8%)
Total funding: \$714,286

AOA-OHF Research Grant (10-11-621) Licciardone (PI) 09/01/10 – 08/31/11
Cost-Effectiveness of Osteopathic Health Care: A National Study Based on the Medical Expenditure Panel Survey
The goal of this project is to evaluate the cost-effectiveness of osteopathic health care services relative to allopathic and alternative health care services.
Role: Co-Investigator (20%)
Total funding: \$50,000

CDC Contract 2010-051 Miller (PI) 07/01/11 – 09/30/11
Quantifying the Risk of Premature Death in TB Survivors
The goal of this project is to develop a predictive model of post-treatment mortality for TB patients.
Role: Co-Investigator (50%)

University of Kentucky Research Foundation Lackan (PI) 09/01/08 – 08/31/09
Investigating Patient-Provider Racial Concordance as a Mechanism to Reduce Health Disparities in Diabetes Care.
The goal of this project is to measure the effect of patient-provider racial concordance on diabetes care management and patient satisfaction outcomes.

Role: Co-Investigator (12.5%)
Total funding: \$10,000

ORAL PRESENTATIONS

- 2017 Wilson FA, Stimpson JP. An Exploration of Immigrants' Use of the Affordable Care Act Health Insurance Marketplaces in the US. American Public Health Association Annual Meeting. Atlanta, GA.
- 2016 Wilson FA, Rampa S, Trout K, Stimpson JP. An Examination of Telehealth-Related Private Claims Data for Mental Health and Substance Abuse in the United States. American Public Health Association Annual Meeting. Denver, CO.
- 2016 Cramer M, Wilson FA. Exploring How Science Consortia Contribute to Social and Economic Health Impacts. International Society for Agriculture Safety and Health. Lexington, KY.
- 2015 Wilson FA, Wang Y, Stimpson JP. Immigration Status and Utilization of Optometry Services in the United States. American Public Health Association Annual Meeting. Chicago, IL.
- 2015 Wilson FA, Zhu H, Stimpson JP, Hilsenrath P. Rising Gasoline Prices Increase New Motorcycle Sales and Fatalities in the United States. International Conference on Transport and Health. London, UK.
- 2015 Wilson FA, Rampa S, Stimpson JP. Trends in Inpatient Admissions for Pedal Cycle Injuries for the State of California: 2005-2011. International Conference on Transport and Health. London, UK.
- 2015 Wilson FA, Zhu H, Stimpson JP. The Impact of Declining Gasoline Prices on Motor Vehicle Fatalities and Injuries in Seven OECD Countries. International Conference on Transport and Health. London, UK.
- 2013 Wilson FA. An Examination of the Effectiveness of Statewide Cell Phone Use Restrictions on Drivers in Improving Road Safety. Robert Wood Johnson Foundation Public Health Law Research Annual Meeting. New Orleans, LA.
- 2010 Wilson FA, Stimpson JP, Lackan N, Singh K, Hilsenrath P. The Influence of Paid Leave on Preventive Screening Among Female Employees in the U.S. Preventive Medicine 2010 sponsored by the American College of Preventive Medicine. Washington, DC.
- 2008 Wilson FA, Stimpson JP, Hilsenrath P, Singh K. Socioeconomic Status and Cardiovascular Screening in the US. Preventive Medicine 2008 sponsored by the

American College of Preventive Medicine. Austin, TX.

- 2008 Wilson FA, Stimpson JP. Acculturation and Use of Inpatient Hospital Care Among Hispanics in the United States. AcademyHealth 2008 Annual Research Meeting. Washington, DC.
- 2008 Wilson FA, Stimpson JP, Hilsenrath P. Patient Characteristics of Osteopathic and Allopathic Physicians in the United States. AcademyHealth 2008 Annual Research Meeting. Washington, DC.

Invited Presentations

- 2019 An Overview of Health Services and Policy Research. University of Utah. Salt Lake City, Utah.
- 2018 Methodological Approaches & Challenges in Teaching Public Health Students. Kazan State Medical University. Kazan, Republic of Tatarstan, Russia.
- 2018 An Overview of Economic Evaluation for Public Health. Kazan State Medical University. Kazan, Republic of Tatarstan, Russia.
- 2018 Current Issues in Health Services Research and Economic Evaluation. Surgery Grand Rounds. UNMC College of Medicine. Omaha, NE.
- 2018 An Overview of Economic Evaluation for Clinicians. Cardiothoracic Surgery Grand Rounds. UNMC College of Medicine. Omaha, NE.
- 2017 Making the Economic Case for Your Policy. The Nebraska Health Policy Short Course. Lincoln, NE.
- 2016 Telehealth Delivery And Reimbursements For Mental Health Services In The United States. INFORMS International. Hawai'i, HI.
- 2016 Tips from a Reviewer and Writer of Foundation Grants. Grant Opportunities with Foundations Seminar. UNMC College of Public Health. Omaha, NE.
- 2015 Emerging Uses of Claims Data. National Academy for State Health Policy and the Health Care Cost Institute Webinar.
- 2015 New Insights into Telehealth Services and Policies Using Claims Data. National Academy for State Health Policy Conference. Dallas, TX.
- 2015 Measuring Cost Effectiveness in Research Studies. UNMC College of Nursing, Niedfelt Nursing Research Center. Omaha, NE.

- 2014 An Overview of Economic Evaluation in Public Health. UNMC College of Public Health Grand Rounds. Omaha, NE.
- 2014 Economic Impact of ACA and Opportunities for Nursing Innovation. Morehead Center for Nursing Practice Annual Workshop. Omaha, NE.
- 2013 Policy Evaluation: Experiences in Injury and Violence Prevention. Motor Vehicle Safety. Safe States Alliance & CDC Webinar Series.
- 2012 Driving on the Edge: Distracted Driving And Other Threats to Road Safety. Presentation at the College of Public Health. University of Nebraska Medical Center. Omaha, NE.
- 2011 Driven to Death: A Look At Fatalities From Distracted Driving And Other Threats to Road Safety. Presentation at the College of Public Health, University of Arkansas for Medical Sciences. Little Rock, AR.
- 2011 Using the Medical Expenditure Panel Survey to Assess Cost-Effectiveness of Care. Presentation to the Consortium for Collaborative Osteopathic Research Development - Practice Based Research Network (CONCORD-PBRN), University of North Texas Health Science Center. Fort Worth, TX.

Panel Discussions

- 2019 University of Nebraska Medical Center Rural Pathway Program Summit. Nebraska's Rural Health Workforce Needs into 2030. UNMC. Lincoln, NE.
- 2019 Should Government be Responsible for Providing Healthcare for Everyone? Symposium of Social Issues. Alpha Kappa Delta Sociology Honor Society. University of Nebraska at Omaha. Omaha, NE.
- 2018 Evaluation Methods to Measure Ag Center End Outcomes. Round Table Presentation. Midwest Rural Agricultural Safety and Health (MRASH) Conference. Council Bluffs, IA.
- 2017 Healthcare Panel. Whiteclay Summit. Organized by the Whiteclay Public Health Emergency Taskforce. Whiteclay, NE.
- 2015 Tips on Grant Writing from Grant Reviewers. Organized by the COPH Research and Development Committee. Omaha, NE.

TESTIMONY

State of Nebraska Legislature Business and Labor Committee, LB311, February 4, 2019.
State of Nebraska Legislature Appropriations Committee, LR386, September 28, 2018.
State of Nebraska Legislature Revenue Committee, LB1117, February 15, 2018.
State of Nebraska Legislature Revenue Committee, LB438, March 17, 2017.
State of Nebraska Legislature Executive Board, LB407, February 2, 2017.
State of Nebraska Legislature General Affairs Committee, LR567, October 11, 2016.
State of Nebraska Legislature Appropriations Committee, LB114, March 19, 2013.

COURSES AND STUDENT MENTORING

Graduate Courses

2017-2019	Research Grant Proposal Development
2013-2019	Health Care Finance
2015-2016	Special Topics in Epidemiology: Research Proposal Development
Fall 2013	Integrated Seminar in Economics & Health Services Research
2010-2012	Health Services Research I
2009-2012	Advanced Health Economics
2009-2012	Health Economics
Fall 2007	Health Care Systems
2008-2009	Finance for Health Management
Spring 2010	Health Finance II
2007-2009, 2011	Introduction to Health Management & Policy

Other Courses

2015-2017	Lecturer in China Scholarship Council and Hainan Medical Education Training
Spring 2013	UNMC Health Policy Academy Economic Evaluation online modules
Summer 2012	Texas Department of State Health Services Return on Investment Training

PROFESSIONAL SOCIETIES

American Economic Association
American Public Health Association
Population Association of America
Academy Health

SERVICE

State of Nebraska

2018-2019 Member, BluePrint Nebraska Healthcare Council

- 2018-2019 Member, The Nebraska Aligning Measures to Accelerate Health Improvements (ALIGN) Coalition
- 2017-2019 Member, State of Nebraska Whiteclay Public Health Emergency Task Force
- 2016-2019 Member, State of Nebraska Division of Medicaid and Long-Term Care Quality Management Committee
- 2016 Member, Omaha Health Summit Convening Committee

University of Nebraska System

- 2018 Member, Public Policy Expert Advisory Council

University of Nebraska Medical Center

- 2017-2019 Member, COPH Promotion and Tenure Committee
- 2017-2019 Member, UNMC Legislative Team
- 2016-2019 Member, COPH Latino Public Health Advisory Committee
- 2015-2019 Member, COPH Recruitment Advisory Group
- 2014-2019 Chair, HSRA Graduate Program Committee
- 2014-2019 Member, UNMC Graduate Council
- 2015-2018 Member, COPH Strategic Plan Steering Committee
- 2016-2018 Member, UNMC Coordination Committee of Nebraska FAST (Funding for Accountability, Sustainability and Transparency)
- 2017 Member, COPH Planning Committee for “Nebraska Health Policy Short Course”
- 2016-2017 Member, COPH Search Committee for Associate Dean for Academic & Student Affairs
- 2015-2017 Member, COPH Diversity Self-Study Workgroup
- 2016-2017 Member, UNMC Omaha Minority Health Related Professionals Association Mentorship Committee
- 2016-2017 Member, UNMC I-AM-HOME GRADS Mentoring Program
- 2015-2017 Co-Chair, COPH Health System Transformation Strategic Priority Workgroup
- 2017 Chair, UNMC Graduate Studies Assistantship/Fellowship Competition
- 2017 Member, Carruth J. Wagner, MD, Faculty Prize in Public Health Selection Committee
- 2016 Member, UNMC Equity Office Working Group
- 2016 Member, COPH Faculty Awards Committee
- 2016 Member, COPH-PHAN Planning Committee for “Population Health: Improving Systems, Practices and Outcomes” Conference
- 2016 Chair, UNMC Graduate Studies Assistantship/Fellowship Competition
- 2016 Member, UNMC Community Health Improvement Planning Team
- 2015-2016 Member, UNMC Graduate Studies Student Appeals Committee
- 2015 Vice-Chair, Graduate Studies Assistantship/Fellowship Competition

2015 Member, 2015 Carruth J. Wagner, M.D., Scholarship in Public Health Selection Committee

2015 Member, Patte L. Martin Scholarship Review Committee

2015 Reviewer, COPH Faculty Research Award

2014-2015 Member, UNMC Office of Health Professions Education Workgroup

2014 Member, 2014 Carruth J. Wagner, M.D., Scholarship in Public Health Selection Committee

2014 Member, COPH Grant Writing Course Planning Committee

2013-2014 Liaison, MBA-MPH Dual Degree Program

2013-2014 Member, HSRA Graduate Program Committee

2013-2014 Member, COPH Community Engagement Committee

University of North Texas Health Science Center

2011-2012 Member, Osteopathic Research Center Executive Committee

2011-2012 Member, UNTHSC Scholarship, Loans, and Awards Committee

2011-2012 Member, School of Public Health Research Committee

2010-2011 Member, School of Public Health Doctoral Committee

2006-2011 Member, UNTHSC Intellectual Property Advisory Committee

2009-2010 Member, School of Public Health Practice Committee

2009 Member, School of Public Health DrPH Admissions Committee

2008-2009 Member, School of Public Health Curriculum Committee

2008-2009 Member, School of Public Health Doctoral Committee

2007-2008 Member, Health Management & Policy Chair Search Committee

2007-2008 Co-Chair, Health Management & Policy Faculty Search Committee

Other Service

2018 Collaborated with Westside Community Schools of Omaha to determine return on investment of educational initiatives

2017 Established a Memorandum of Understanding with the Center for Health Policies Implementation and Research at Acibadem University, Istanbul, Turkey

2017 Led development of new Masters of Health Administration program at UNMC

2016 Led development of new Academic Family Medicine PhD track for HSRA

2016 Evaluated a new collaborative mentorship program between the Midlands Mentorship Partnership and the State of Nebraska. Omaha, NE

2014 Developed a predictive return on investment model to compare Boys Town In-Home Family Services to Multisystemic Therapy, Omaha, NE

2011-2012 Member, Motor Vehicle Crashes Committee *Safe Communities*, Fort Worth, TX

2011 Developed a predictive cost-benefit model of lives and life-years saved for the Fort Worth Fire Department, Fort Worth, TX

Ad Hoc Reviewer

Journal of Political Economy
American Journal of Preventive Medicine
American Journal of Public Health
American Journal of Industrial Medicine
Journal of Rural Health
El Trimestre Economico
Journal of Applied Gerontology
Texas Public Health Journal
Transportmetrica
Traffic Injury Prevention
Transportation Research Part A: Policy and Practice
Circulation
International Journal of Environmental Research and Public Health
Journal of Occupational and Environmental Medicine
Journal of Primary Care & Community Health
The Patient - Patient-Centered Outcomes Research
Alcoholism: Clinical and Experimental Research
International Journal of Population Research
Clinical Optometry
BMJ Open
Inquiry
PLOS ONE

Associate Editor

2018-Present PLOS ONE

Grant Reviewer

2019 Centers for Disease Control and Prevention Special Emphasis Panel (CE19-004)
2013 Nebraska Department of Health and Human Services Joint Public Health Data Center
2012 Robert Wood Johnson Foundation Public Health Law Research Program

PROFESSIONAL DEVELOPMENT

2018 *Entering Mentoring* Workshop. Center for the Improvement of Mentored Experiences in Research (CIMER). Omaha, NE.
2017 Commission on Accreditation of Healthcare Management Education (CAHME) Bootcamp. Long Beach, CA.
2017 Certificate of Participation. Nebraska Health Policy Short Course. Center

- for People in Need. Lincoln, NE.
- 2016 Certificate of Participation. Active Learning Tools and Strategies. Center for Continuing Education. University of Nebraska Medical Center. Omaha, NE.
- 2015 Certificate of Completion. Apple Professional Development. University of Nebraska Medical Center. Omaha, NE.
- 2015 Certificate of Excellence. E-Learning Innovator in Education. University of Nebraska Medical Center. Omaha, NE.
- 2015 Commission on Accreditation of Healthcare Management Education (CAHME) Bootcamp.
- 2013 Certification in Online Instruction. Central Michigan University's Global Campus.
- 2010-2011 Quality Enhancement Program Academy of Teaching Scholars. University of North Texas Health Science Center. Fort Worth, TX.
- 2010 Hispanic-Serving Health Professions Schools (HSHPS) Hispanic/Latino Immigrant Health and Faculty Development Workshop. School of Medicine. Stanford University, CA.

SELECTED MEDIA INTERVIEWS

Kaiser Health News (November 7, 2018)
 KIOS-FM National Public Radio (April 16, 2018)
 KPTM Fox42 News (April 4, 2018)
 Omaha World-Herald (April 4, 2018)
 Forbes (February 29, 2016)
 Crain's NY Business (February 29, 2016)
 USA Today (February 24, 2016)
 American Dental Association News (February 24, 2016)
 Minneapolis Star-Tribune (February 23, 2016)
 The Tennessean (February 23, 2016)
 Omaha World-Herald (June 3, 2015)
 U.S. News & World Report (June 23, 2014)
 Indianapolis Business Journal (March 18, 2013)
 Reuters (December 12, 2011)
 Fort Worth Star-Telegram (September 05, 2011)
 Christian Science Monitor (October 7, 2010)
 CBS Radio (September 24, 2010)
 Reuters (September 23, 2010)
 KDAF TV (November 14, 2009)
 Reuters (Oct 21, 2009)

AWARDS & HONORS

2018 Carruth J. Wagner, MD, Faculty Prize in Public Health

2018 University of Nebraska Medical Center Service Award
2001-2002 University of Chicago Fellowship
1998-2001 Ford Foundation Fellowship
1998 National Science Foundation Minority Honorable Mention
1997 University Highest Honors
1997 Liberal Arts Honors
1997 Economics Honors
1997 Distinguished College Scholar