

CURRICULUM VITAE

WILLIAM J. RILEY, PhD

Updated August 6 2025

Employment

Arizona State University	2013-present
Professor, College of Health Solutions	January 2013-present
Director, National Safety Net Advancement Center	October 2015-present
Founding Director, School for the Science of Health Care Delivery	2013-2014

Previous Employment

University of Minnesota, School of Public Health	August 2001-December 2012
Associate Dean	May 2006-December 2012
Deputy Division Head	April 2002-May 2006
Faculty, Division of Health Policy and Management	August 2001-December 2012

Public Health Accreditation Board

President and Chief Executive Director (Interim)	August 2008 – January 2009
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Pacific Medical Center, Seattle, WA

President and Chief Executive Officer of Pacific Medical Center	Sept 1998 – August 2001
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Blue Cross Blue Shield of Minnesota, St. Paul, MN

Senior Vice President	August 1993 – August 1998
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Aspen Medical Group, St. Paul, MN

Chief Executive Officer of Aspen Medical Group (Executive Vice President 1986-1990).	July 1986 – September 1998
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St. Paul Ramsey Medical Center St. Paul, MN

Senior Vice President,	1985-1986
Assistant Director,	1982-1985

Consultant to Ministry of Health, Egypt

January 1982 – May 1982

Minnesota Nurses Association

July 1979 – January 1982

Degree Awarded

Ph.D., University of Minnesota, School of Public Health 1982

Honors and Awards:

Use-inspired Research Award, College of Health Solutions, 2024

President's Medal for Social Embeddedness, Arizona State University, 2023

Distinguished Faculty Award, College of Health Solutions, Arizona State University, 2022

Research Impact Award, Arizona State University, 2018

Educator of the Year, School for the Science of Health Care Delivery, Arizona State University, 2018

Educator of the Year, School for the Science of Health Care Delivery, Arizona State University, 2017

Educator of the Year, School for the Science of Health Care Delivery, Arizona State University, 2016

Golden Quill Award, American Society for Quality Press, 2011. The book Quality Function Deployment and Lean-Six Sigma in Public Health, 2010.

Teaching Excellence Award, School of Public Health, University of Minnesota, 2009

Thank A Teacher Award, University of Minnesota, 2007

Top 10 Research and Patient Care Innovation, Institute for Healthcare Improvement (IHI), 2006.

Delta Omega Honorary Public Health Society May, Pi Chapter, 2006

Next Generation of the Professorate Program, University of Minnesota, 2003

Charles N. Hewitt Creative Teaching Award, School of Public Health, University of Minnesota, 2003

Teaching Excellence Award, School of Public Health, University of Minnesota, 2002

Editorships/Journal Reviewer/Study Section Experience

2024	<u>American Public Health Association</u> - Reviewer for Health Administration Program, Annual Meeting
2021	<u>BMC Health Services Research</u> – Journal Reviewer
2021	<u>Risk Management and Healthcare Policy</u> – Journal Reviewer
2021-2024	<u>Journal of Health Care for the Poor and Underserved</u> – Journal Reviewer
2015-2023	<u>Journal of Family Medicine and Community Health</u> – Editorial Board
2017-2020	<u>Journal of Family Medicine and Community Health</u> – Journal Reviewer
2014-2020	<u>American Journal of Preventive Medicine</u> – Journal Reviewer
2010-2020	<u>Journal of Public Health Management and Practice</u> – Journal Reviewer
2015-2020	<u>American Journal of Public Health</u> - Journal Reviewer
2020	<u>American Journal of Public Health</u> – Supplemental Issue Guest Editors
2020	<u>International Journal of Environmental Research and Public Health</u> – Journal Reviewer
2020	American Public Health Association Annual Meeting – Abstract Reviewer
2020	Heinz Family Foundation Health Care Award – Award Reviewer
2020	<u>Pediatrics</u> – Journal Reviewer
2020	National Health Interview Survey, CDC – Grant Reviewer
2020-2024	<u>Journal of Hospital Management and Health Policy</u> – Editorial Board
2016-2020	<u>BMJ Quality & Safety</u> – Journal Reviewer
2017	<u>Academy Health</u> – Journal Reviewer
2015	<u>National Institute for Health Research</u> – Journal Reviewer
2013	<u>British Journal of Medicine and Medical Research</u> – Journal Reviewer
2003-2012	<u>Patient Centered Outcomes Research Institute</u> - Grant Reviewer
	<u>Journal of Public Health Management & Practice</u> – Journal Reviewer
	<u>Croatian Medical Journal</u> – Journal Reviewer

American Journal of Perinatology – Journal Reviewer

American Journal of Preventive Medicine - Guest Editor

Journal of Public Health Management and Practice - Reviewer for special issue on quality improvement projects conducted in local public health departments.

Robert Wood Johnson Foundation – Grant Reviewer
Performance and Quality Improvement section of the Public Health Systems and Services.

Association of University Programs in Health Administration Journal of Health Administration Education (2009-Present)

Agency for the Healthcare Research and Quality – Study Section Peer reviewer for Healthcare Technology and Dissemination Sciences proposals and Safety proposals.

Robert Wood Johnson Foundation – Grant Reviewer, Assuring the Future of Public Health Systems & Services Research. University of Kentucky.

Agency for the Healthcare Research and Quality – Scientific Review Group
Peer reviewer for Healthcare Technology Decision Science proposals.

United Kingdom, Service Delivery Organization/National Health Service Peer Review. “1984: evaluation of advancing quality (AQ) pay for performance program in the NHS North West (Shapiro).”

The System Change Pocket Guide, Provided Quality Expert advice and reviewed proposal by John R. Schultz.

Journal of Clinical Anesthesia Introduction of New Safety Technologies Into Central Venous Access

Reviewer for Assuring the Future of Public Health Systems and Services Research

Journal of Patient Safety – Journal Reviewer

American Society for Quality Standings

Journal of Politics, Policy and Public Law
American Institute of Biological Sciences

U.S. Army Medical Research and Material Command
ASQ Quality Press

AHRQ Advances in Patient Safety manuscript reviewer

Multi-State Learning Collaborative, Robert Wood Johnson Foundation
External Review Committee

Consensus Statement On Quality in the Public Health System
U.S. Department of Health and Human Services, Office of Public Health and
Science, Office of the Assistant Secretary for Health.

American Medical Group Association's Group Practice Journal

Quality and Safety in Health Care Editorial Review committee

Capitation Management Report

Publications

Books

- 2012 Fallon, F., Begun, J., **Riley, W.** Managing Health Organizations for Quality and Performance Watertown, MA: Jones & Bartlett Learning 2013. 380 pages. ISBN-13: 9781449653279
- 2010 Moran, J., Duffy, G. and **Riley, W.** editors. "Quality Function Deployment and Lean Six Sigma Applications in Public Health." Milwaukee, WI: American Society for Quality Press 2010. 250 pages. ISBN 978-0-87389-787-7

Research Monographs

Authored 30 Research Monographs

Martin M, **Riley W**, Naidoo RM, Love K, Baker L, Ganesan S, Stoutt PDV. AzHDR Pilot Program Evaluation: Final Report. Contexture. October 23, 2024.

De Vries Stoutt P, Wade N, Love K, **Riley W**. No Surprises Act: The Effect on Patients in Arizona. Prepared for Blue Cross Blue Shield of Arizona. December 29, 2022.

Riley W, Love K, Principe A, Runger G. Patient Resources Intensity Scale (PRIS): Final Report. Prepared for the Central Texas Community Health Care Centers, CommUnityCare (CUC). June 27, 2022.

Riley W, Cohn C, Love K, McCullough J. Establishing the Regulatory Pathway and Initial Economic Impact of Expanding Whole Blood Preparation Methods in the United States. Prepared for BARDA. July 7, 2022.

Riley W, Coult N, Love K. An Analysis of Price Gouging in the United States Healthcare System. Prepared June 29, 2019.

Riley W, Love K. Phoenix Police Department Behavioral Health Responder Models. Prepared for the Phoenix Police Department. December 14, 2019.

Refereed Journal Articles

In Preparation for 2025

Riley W, de Vries Stoutt P. No Surprises Act: The Impact and Controversies.

Jang, M, Love K, Adams C, Martin M, Runger G, **Riley W**. Impact of Medicaid 1115 Waiver Practice Transformation Program to Improve Population Health.

Riley WJ, Love K, Moody M, Taylor S, Runger G. Redesigning the 911 Emergency Dispatch Center.

Riley WJ, Saxon M, Love K, Taylor S, Davis S. Applying Human Factor Science Team Training to Law Enforcement.

Under Review

Zubair I, Ganesan S, Love K, **Riley W**. Polio Eradication in Afghanistan: The Impact of the Regime Change of August 2021 on Polio Cases and Vaccination Rates.

Peer Reviewed Publications

Love K, Harootunian G, **Riley W**. Designing Episode of Care Bundles to Improve Children's Oral Health Care. *J Public Health Dent*. 2025;85(1);54-60.. doi: 10.1111/jphd.12653. PMID: 39639582.

Love K, Turner S, Runger G, Adams C, **Riley W**. Patient Assignment and Quality Performance: a Misaligned System. *Am J Manag Care*. 2024 Oct;30(10):482-487. doi: 10.37765/ajmc.2024.89617. PMID: 39467178.

Riley WJ, Love K, Phillips M, Leard D, Robertson J. Designing Preventive Care Bundles for Primary Care Dental Clinics. *Journal of Dentistry and Oral Care Medicine*. 2024;11(2).

Moodley Naidoo R, Love K, Runger G, Adams C, Franczak M, **Riley W**. 2024. "A High-performance Framework to Integrate Primary Care and Behavioural Health," *Management in Healthcare*. Henry Stewart Publications. 2024;9(1):33-45.

Riley W, Love K, Saxon M, Tobian A, Bloch EM, Kasirye R, Lubega I, Musisi E, Dhabangi A, Kyeyune D, McCullough J. A Model for Estimating the Burden of Disease of Transfusion-Transmitted Infection. *Int J Public Health*. 2024 Aug 6;69:1607165. doi: 10.3389/ijph.2024.1607165. PMID: 39165294; PMCID: PMC11333201.

Naidoo RM, Mernissi A, **Riley WJ**. Value-Based Contracting and Blue Cross Blue Shield of Massachusetts. *Thunderbird Case Center, Arizona State University*, Hosted on Harvard Business Publishing Case Theory Portal 2024.

Riley W, Cohn C, Love K, McCullough J. Ensuring a Reliable Platelet Supply in the United States. *New England Journal Medicine*. 2023;388:2017-2019.

Riley W, Love K, Wilson C. Patient Attribution—A Call for a System Redesign. *Journal of the American Medical Association - JAMA Health Forum*. 2023;4(3):e225527. doi:10.1001/jamahealthforum.2022.5527

Pine K, Hinrichs M, Love K, Shafer M, Runger G, **Riley W**. Addressing Fragmentation of Health Services through Data-Driven Knowledge Co-Production within a Boundary Organization. *Journal of Community Informatics*. 2022;18(2): doi.org/10.15353/joci.v18i2.3595

Martin M, Phillips M, Saxon M, Love K, Cessna L, Woodard D, Page M, Curry K, Paone A, Pennington-Stallcup B, **Riley WJ**. Recovery Support Specialists inside the Jail: A Program Description of Treatment Engagement for Opioid Use Disorder. *International Journal of Prisoner Health*. 2021. DOI: 10.1108/IJPH-12-2020-0102.

Riley WJ, Jacobson G, Runger G. Integrating Behavioral Health in Primary Care to Improve Patient Outcomes. *Arizona Physicians Magazine, the Maricopa County Medical Society*. Winter 2021. <https://www.arizonaphysician.com/improv-behav-health-prim-care-integ>

Riley W, Love K, McCullough J. Public Policy Impact of the COVID-19 Pandemic on Blood Supply in the United States. *American Journal of Public Health*. 2021;111(5):860-866.

Riley WJ, Love K, Runger G, Shafer M, Pine K, Mays G. Framework for Multisector Alignment Research. *Journal of Public Health Management and Practice*. 2021;1;27(5):E205-E209.

To L, Dunnington T, Thomas C, Love K, McCullough J, **Riley WJ**. The United States' potential blood donor pool: Updating the prevalence of donor-exclusion factors on the pool of potential donors. *Transfusion*. 2020;60(1):206-215.

Riley WJ, Coult N, Love K. An Analysis of Price Gouging in the US Healthcare System. *Journal of Hospital Administration*. 2019; 8(6):7-16.

McCullough M, **Riley W**, Coult N, Love Kailey, Raikhelkar A. Safety Net Representation in Federal Payment and Care Delivery Reform Initiatives. *American Journal of Accountable Care*. 2019; 7(1):17-23.

- Riley WJ**, Doherty M, Love K. A Framework for Oral Health Value Based Payment Approaches. *The Journal of the American Dental Association*. 2019; 150(3): 178-185.
- Riley W**, Coult N, Love K. The Structure of Price Gouging among United States' Hospitals and Physicians. *Int J Community Fam Med*. 2018;3:141.
- Gonnering, RS, Hadzikadic, M, **Riley, W**, Love, K, Whitmeyer, J: Nonlinear Relationship Between Health Factors and Health Outcomes, Proceedings of the 2017 Annual Meeting, Computational Social Science Society of the Americas, 2017.
- Gonnering R, **Riley W**. The paradoxical “Hispanic Paradox”: The dark side of acculturation. *Emergence: Complexity and Organization*. 2017 Dec 31
doi.org/10.emerg/10.17357.d703433f2646e80b66979c7bde862499
- Riley WJ**, Rhamani, McCullough JM. “Progress in the Blood Supply in Afghanistan.” *Transfusion*. 2017; 57(7):1665-1673.
- Dahlen HM, McCullough JM, Fertig AR, Dowd BE, **Riley, WJ**. "Texas Medicaid Payment Reform: Fewer Early Elective Deliveries And Increased Gestational Age And Birth Weight." *Health Affairs*. March 2017; 36(3): 3460-3467.
- Starr SR, Reed DA, Essary A, Hueston W, Johnson CD, Landman N, Muerer J, Miller B, Orgrinc G, Petty EM, Raymond J, **Riley W**, Gabriel S, Maurana C. “Science of Health Care Delivery as a First Step to Advance Undergraduate Medical Education: A Multi-Institutional Collaboration.” *Healthc (Amst)*. 2017;5(3):98-104.
- Gonnering, R., **Riley, W**. Positive Deviance Leads to Counterintuitive Findings in Native American Health Disparities. *Society for Chaos Theory in Psychology and Life Sciences Newsletter*. 2017; 25(2): 8-10. <https://www.societyforchaostheory.org/newsletter/>
- Peck, M, Scullard, M, Hedberg, C, Moilanen, E, Radi, D, **Riley, W**, Bowen, PA, Petersen-Kroeber, C, Stenberg, L & Olson, DK. “Improving Team Performance for Public Health Preparedness.” *Disaster Medicine and Public Health Preparedness*. 2017; 11(1):7-10.
- Gold, B, England D, **Riley W**, Jacobs-Halsey G, Webbs C, Daniels B. “Integrating Quality Improvement and Continuing Professional Development at Academic Medical Center: A Partnership Between Practice Plan, Hospital and Medical School.” *The Journal of Continuing Education in the Health Professions*. 2016; 36(4):307-315.
- Riley WJ**, Begun JW, Meredith L, Miller KK, Connolly K, Price R, et al. “Integrated approach to reduce perinatal adverse events: Standardized processes, teamwork training, and performance feedback.” *Health Services Research*. December 2016; 51 (Suppl 3): 2431-2452.
- Riley, W**, Meredith, L, Price, R, Miller, K, Begun, J, Dinh, C, McCullough, M, “Decreasing Malpractice Claims by Reducing Preventable Perinatal Harm.” *Health Services Research*. December 2016; 51 (Suppl 3): 2453–2471.

Riley WJ, Love K. “Quality Improvement in Public Health: Current Status and Future Prospects.” *Frontiers in Public Health Services and Systems Research*. 2016; 5(6):1-4.

McCullough J, McCullough J.M, **Riley W.J.** “Evolution of the nation’s blood supply system.” *Transfusion*. 2016; 56(6):1459-1461.

Dahlen HM, McCullough J, Fertig AR, Dowd B, **Riley W.** “The effect of hard-stop Medicaid payment reform on early elective deliveries.” *J Patient Cent Res Rev*. 2016; 3:209.

Riley, W, “Process Engineering for Primary Care: Quality Improvement and Population Health” *Family Medicine and Community Health*. April 2016; 4(2): 29-35.

McCullough JM, Leider JP, **Riley WJ.** Local fiscal allocation for local public health departments. *American Journal of Preventive Medicine*. 2015; 49(6): 921-929.

McCullough J, Goldfinger D, Gorlin J, **Riley WJ**, Sandhu H, Stowell C, Ward D, Clay M, Pulkrabek S, Chrebtow V, Stassinopoulos A. Cost implications of implementation of intercept platelets. *Transfusion*. 2015; 55(10): 2312-2320.

Masoud, A., **Riley, W**, Wade, B “Evaluating the Impact a Proposed Family Planning Model Would Have on Maternal and Infant Mortality in Afghanistan.” *International Journal of Health Planning and Management*. 2015; 30(1):71-85.

Gyllstrom, M. Elizabeth, Gearin, Kim, Frauendienst, R., Myhre, J., Larson, M, **Riley, W.** “Local health department factors associated with performance in the successful implementation of community-based strategies: a mixed methods approach”. *American Journal of Public Health*. April 2015; 105: S311-S317.

McCullough J, Riley E, Lindgren B, Pulkrabek S, Hall R, **Riley W.** Blood product recalls in the United States. *Transfusion*. 2014; 54:2276-2282.

Begun, J., **Riley, W**, Hodges, J. “Exploratory Analysis of High CT Scan Utilization in Claims Data”. *The Journal of the American College of Radiology*: 2014; 11(1):51-8.

Davis, M.V., Mahanna, E, Joly, B, Zelek, M, **Riley, W**, Verma, P, Solomon Fisher, J, “Creating Quality Improvement Culture in Public Health Agencies” *American Journal of Public Health*. 2014; 104(1):e98-104.

Beitsch, L., Corso, L., Davis, M., Joly, B., Kronstadt, J., **Riley, W.**, “Transforming Public Health Practice Through Accreditation: A User Guide for the Special Accreditation Issue” *Journal of Public Health Management and Practice*. 2014; 20(1):2-3.

Beitsch, L., **Riley, W.**, Bender, K., “Embedding Quality Improvement Into Accreditation: Evolving From Theory to Practice.” *Journal of Public Health Management and Practice*. 2014; 20(1): 57-60.

Gyllstrom, M. Elizabeth, Gearin, Kim J., **Riley, W** "Analysis of Local Health Department Factors that Accelerate Population-based Intervention Strategies: Preliminary Findings." *Frontiers in Public Health Services and Systems Research*. 2013; 2(5).

Nyman, J., Abraham, J., **Riley, W**. "The Effect of Consumer Incentives on Well-Child Visit Guideline Compliance." *Inquiry*. 2013; 50(1): 47–56.

Riley, W, Gearin, K, Parrotta, C, Briggs, J, Gyllstrom, E. "Tax Levy Financing for Local Public Health – Fiscal Allocation, Effort and Capacity." *American Journal of Preventive Medicine*. 2013;45(6):776-781.

Damon, A.L, Parrotta, C.D, Wallace, L.A, **Riley W**. "The effectiveness of providing evidence-based perinatal practice to low-income populations providing perinatal care: Does patient income influence the delivery of quality care?" *Journal of Hospital Administration*. 2013; 2(4):82-90.

Livingood, W., Sabbagh, R., Spitzfaden, S., Hicks, A., Wells, L., Puigdomenech, S., Kramer, D., Butterfield, R., **Riley, W**. Wood, D. "Evaluation of a Local Public Health Agency Immunization Quality Improvement Project: Assessing the Impact on Outcomes and Organizational Culture." *American Journal of Preventive Medicine* May 2013; 44(5): 445-452.

Miner Gearin KJ, Gyllstrom M, Joly BM, Frauendienst RS, Myhre J, **Riley W**. "Monitoring QI Maturity of Public Health Organizations and Systems in Minnesota: Promising Early Findings and Suggested Next Steps." *Front Public Health Serv Syst Res*. 2013; 2(3).

Riley, W., Gearin, K., Parrotta, C., Briggs, J., Gyllstrom, M. E. "Tax Levy Financing for Local Public Health: Relationships between Fiscal Allocation, Fiscal Effort and Fiscal Capacity," *American Journal of Preventive Medicine* 2013; 45(6):776-81.

Riley, W, Meredith, L, Parrotta, C, "Measuring High Reliability in Hospital Perinatal Units." *International Journal of BioSciences*: 2012; 2(1): 104-109.

Mays, G, Halverson, P, **Riley, W**, Honoré, Peggy, Scutchfield, F "Accelerating the Production and Application of Evidence for Public Health System Improvement: the Search for New Frontiers." *Frontiers in Public Health Services and Systems Research* 2012; 1(1).

Livingood WC, Marshall N, Peden A, Gonzales K, Shah GH, Toal R, Penix K, Alexander D, Davis K, Nixon S, Cummings P, **Riley W**, Woodhouse L. "Building Capacity to Support and Study QI in Local Georgia Public Health Systems." *Front Public Health Serv Syst Res*. 2012; 1(3).

Parrotta, C., **Riley, W.**, Meredith, L. "Utilizing Leadership to Achieve High Reliability in the Delivery of Perinatal Care." *Journal of Healthcare Leadership*. 2012; 4:157 – 163.

Riley, W., McCullough, J., "Blood Supply and Safety in the Developing World: Considerations for Emerging Markets." *Journal of Commercial Biotechnology*. 2012; 18(4):50-57.

Gearin, K, Trash, A, Frauendienst, R, Myhre, J, Gyllstrom, E, **Riley, W**, Schroeder, J
"Measuring the Authority of Local Public Health Directors in the Context of Organizational Structure: An Exploratory, Multi-Modal Approach." *Journal of Public Health Management and Practice* November/December 2012; 18(6):545-550.

Riley, W, Smalley, B, Pulkrabek, S, Clay, M, McCullough, J. "Using Lean Techniques to Define the Platelet Transfusion Process and Cost Effectiveness to Evaluate Platelet Dose Transfusion Strategies." *Transfusion* 2012; 52(9):1957-1967.

Riley, W, Lownik, E, Halverson, P, Godsall, J, Gyllstrom, E, Gearin, K, Mays, G.
"Developing a Taxonomy for the Science of Improvement in Public Health" *Journal of Public Health Management & Practice*. 2012; 18(6):506-514.

E. Lownik, E. Riley, T. Konstenius, **W. Riley** & J. McCullough "Knowledge, attitudes and practices surveys of blood donation in developing countries" *Vox Sanguinis*. 2012; 103:64-74.

Riley, W., Lownik, E., Scutchfield, D., Mays, G., Corso, L., Russo, P., Beitsch, L. "Public Health Department Accreditation: Setting the Research Agenda." *American Journal of Preventive Medicine*, March 2012; 42(3): 263-271.

Davis, M., Vincus, A, Eggers, M, Mahanna, L, **Riley, W**, Joly, B, Solomon Fisher, J, Bowling, M. "Effectiveness of Public Health Quality Improvement Training Approaches: Application, Application, Application." *Journal of Public Health Management & Practice*. 2012, 18(1), E1-E7.

Erwin, P., Mays, G., **Riley, W.**, "The Impact of Local Health Department Expenditures on Health Status." *Public Health Reports*. 2012;127(1):89-95.

Riley, W., Bender, K., Lownik, E. "Public Health Department Accreditation Implementation: Transforming Public Health Department Performance." *American Journal of Public Health*, February 2012; 102(2): 237-242.

Duffy, G., Moran, J., **Riley, W.** "Solve the Real Problem Using Root Cause Analysis." *Quality Management Forum*. 2011; 37(4): 9-14.

Riley, W., Lownik, E., Parrotta, C., Miller, K., Davis, S. "Creating High Reliability Teams in Healthcare through In situ Simulation Training." *Administrative Sciences*, 2011; 1(1): 14-31.

Riley W, Briggs J, McCullough M. "Estimating The Financial Resources Needed for Local Public Health Departments in Minnesota: A Multi-Method Approach." *J Public Health Management Practice*. 2011;17(5):413-420.

Riley, W, Davis, S, Miller, K, Hansen, H, Sainfort, F, Sweet, R. “Didactic and Simulation Nontechnical Skills Team Training to Improve Perinatal Patient Outcomes in a Community Hospital.” *The Joint Commission Journal on Quality and Patient Safety*. 2011; 37(8):357-364.

Beitsch, L, **Riley, W**. “Voices From the Past. Nothing New Under the Sun: Public Health Reinvents Itself During Economically Challenging Times.” *American Journal of Public Health*. 2011; 101(5): 799-799.

Liang, B., Hamman, W., Rutherford, W., **Riley, W**. “In-situ Simulation: Using Aviation Principles to Identify Relevant Teamwork and Systems Issues to Promote Patient Safety”. *International Journal of Safety Across High-Consequence Industries*. 2011; 1(1): 53-64.

Duffy, G., McCoy K., Moran, J., **Riley, W**. “The Continuum of Quality Improvement in Public Health.” *Quality Management Forum*. 2010; 35(4):1-9.

Riley, W., Davis, S., Miller, K., McCullough, M. “A Model for Developing High Reliability Teams.” *Journal of Nursing Management*. 2010; 18:556-563.

Riley, W, Davis, S, Miller, K, Hansen, H, Sweet, R. “Detecting Breaches in Defensive Barriers Using In-Situ Simulation for Obstetric Emergencies.” *Quality and Safety in Healthcare*. 2010;19(Suppl 3):i53ei56.

Riley, W., Davis, S., Miller, K.K., Hansen, H.E., Sainfort, F., Sweet, R. “Key team behaviors during in situ critical events using behavioral markers.” *Contemporary Ergonomics and Human Factors* 2010. 2010; 282-290.

Riley, W. and Erwin, P. “Comparison of Regression and Statistical Process Control: Using Time Series Analysis in Public Health Departments.” *Quality Management Forum*. 2010; 36(2): 11-16.

Riley, W. “No Mention Of Patient-Safety Legislation.” *Health Affairs* 2010; 29(2): 332.

Ayyoubi, M., McCullough, M., Konstenius, T., Eastlund, T., Clay, M., Bowman, R., **Riley, W.**, McCullough J. “Status of Blood Banking and Blood Supply in Afghanistan.” *Transfusion*. 2010; 50: 566-574.

Riley, W., Beitsch, L., Parsons, H., Moran, J. “Quality Improvement in Public Health: Where Are We Now?” *Journal of Public Health Management and Practice*. 2010;16(1):1-2.

Riley, W., “Interaction of Quality and Finance in the Intensive Care Unit.” *Clinical Pulmonary Medicine*. 2010;17(1): 20-27.

Riley, W, Moran, J, Corso, L, Beitsch, L, Bialek, R, Cofsky, A. “Defining Quality Improvement in Public Health.” *Journal of Public Health Management and Practice*. 2010;16(1):5-7.

Riley, W., Parsons, H., Duffy, G., Moran, J., Henry, B. “Realizing Transformational Change Through Quality Improvement in Public Health.” *Journal of Public Health Management and Practice*. 2010;16(1):72-78.

Riley, W., Miller, K., Davis, S., Hansen, H., Sweet, R. “Detecting Breaches in Defensive Barriers and Creating High Reliability in Healthcare Organizations”. *Simulation in Healthcare*. 2009; Vol. 4, No. 4.

Riley, W. “Patient Safety at Ten Years and the PSQI Act of 2005.” *Health Affairs* Web exclusive, 8 Dec 2009. Available online at <http://content.healthaffairs.org/cgi/eletters/29/1/165#79884>

Riley, W., Parsons, H., McCoy, K., Burns, D., Anderson, D., Lee, S., and Sainfort, F. “Introducing Quality Improvement Methods into Local Public Health Departments: Structured Evaluation of A Statewide Pilot Project.” *Health Services Research*. 2009;44(5p2):1863 – 1879.

Riley, W., Brewer, R. “Review and Analysis of Quality Improvement (QI) Techniques in Police Departments: Application for Public Health.” *Journal of Public Health Management and Practice*. 2009;15(2): 141-151.

Riley, W., “High Reliability and Implications for Nursing Leaders”. *Journal of Nursing Management*. 2009, 17:238-246.

Thingstad-Boe, D., **Riley, W.**, Parsons, H. “Improving Service Delivery in a County Health Department WIC Clinic: An Application of Statistical Process Control Techniques.” *American Journal of Public Health*. 2009;99(9):1619-1625.

Miller, K., **Riley, W.**, Davis, S., “Identifying Key Nursing and Team Behaviors to Achieve High Reliability.” *Journal of Nursing Management*. 2009;17:247-255.

Davis, S., **Riley W.**, Gürses A., Miller K., Hansen H. “Failure Mode and Effects Analysis Based on In-Situ Simulations: A Methodology to Improve Understanding of Risks and Failures.” *Advances in Patient Safety: New Directions and Alternative Approaches*, Agency for Healthcare Research and Quality Publication (AHRQ), Rockville, MD. 2008;3:145-160.

Riley, W., Liang, B., Rutherford, W., Hamman, W. “The Patient Safety and Quality Improvement Act of 2005: Developing an Error Reporting System to Improve Patient Safety.” *Journal of Patient Safety*. 2008;4(1):13-17.

Davis, S., **Riley, W.**, Miller, K. “Reducing Patient Harm Through Interdisciplinary Team Training with In Situ Simulation.” *Proceedings of The International Conference of Healthcare Systems Ergonomics and Patient Safety 2008*. Strasbourg, France. June 2008.

Riley, W., Liang, B., Rutherford, W., and Hamman, W. “Structure and Features of a Care Enhancement Model Implementing the Patient Safety and Quality Improvement Act.”

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Book chapter?

Riley, W., Miller, K., Davis, S., Sweet, R. “Describing High Reliability: Distinguishing Errors and Breaches.” *Improving Patient Safety Proceedings*, Robinson College Cambridge, U.K. July 2008.

Miller, K., **Riley, W.**, Davis, S., Hansen, H. “In Situ Simulation: A Method of Experiential Learning to Promote Safety and Team Behavior.” *The Journal of Perinatal & Neonatal Nursing*. 2008; 22(2): 105-113.

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2025 Presentations

Riley W, Baker L. Training Embedded Scientists to Conduct Patient-Centered Research for Underserved Populations: Closing the Gap Between Research and Practice, PCORI Annual Conference. October 21-22, 2025. Washington D.C.

Vaughan T, Adams C, Love K, **Riley W**, Runger G. A Data-Driven Approach to Improving Healthcare Quality. NCQA Health Innovation Summit. October 13-15, 2025. San Diego, CA.

Riley W, Baker L. Innovative Approaches to Nudging Embedded Scholar Research in Safety Net Systems. Nudges in Health Care Symposium. September 11-12, 2025. Philadelphia, PA

Vaughan T, Adams C, Love K, **Riley W**, Runger G. Transforming Healthcare: A Statewide Medicaid Initiative to Enhance the Quality of Service Delivery. 26th Annual ASU Summer Institute. Flagstaff, AZ. July 15-17, 2025.

Jang M, Vaughan T, Love K, Runger G, Adams C, **Riley W**. Assessing the Impact of Arizona’s Care Integration Program on Efficiency in Care Delivery. 2025 Academy Health Annual Research Meeting. June 7-10, 2025. Minneapolis, Minnesota.

Vaughan T, Adams C, Love K, **Riley W**, Runger G. Identifying Disparities in Healthcare with Advanced Data Analytics. 2025 Academy Health Annual Research Meeting. June 7-10, 2025. Minneapolis, Minnesota.

Vaughan T, Adams C, Love K, **Riley W**, Runger G. Identifying and Addressing Adults’ Social Needs in a Statewide Medicaid Program. 2025 Academy Health Annual Research Meeting. June 7-10, 2025. Minneapolis, Minnesota.

Spielberg F., Gallitano A, **Riley W**. Heat and Health Resilience Innovation Consortium. Arizona Board of Regents. June 6th, 2025

Naidoo, R, **Riley W**. Health Care Governance. National Institute for Governance and Sustainable. Hurghada , Egypt. May 5th, 2025.

Riley W. Health Care Reliability. National Institute for Governance and Sustainable. Hurghada Egypt. May 8th, 2025.

Love K, Baker L, Ismail EH, Adams C, Runger G, **Riley W**. Evaluating the Impact of a Statewide Practice Transformation Program on Population Health Outcomes in Medicaid. Catalyzing Innovation in Learning Health Systems through Research Symposium. NYU Langone Health, New York City. April 29th, 2025.

Martin M, **Riley W**, Naidoo R, Love K, Ganesan S, Baker L, Stoutt P. Enhancing Advance Care Planning: Evaluating the Impact of a Statewide Health Directives Registry in Rural Hospitals. Contexture. Catalyzing Innovation in Learning Health Systems through Research Symposium. NYU Langone Health, New York City. April 29th, 2025.

Carter J, **Riley W**. Preparing, Supporting, and Collaborating with Champions at Multiple Levels within the Health System to Implement Evidence-based Care Practices. PCORI Health Systems Implementation Initiative (HSII). Washington, DC. April 10th, 2025.

Naidoo R, Martin M, Baker L, Domino M, Ohri-Vachaspati P, Grando A, Murcko A, **Riley W**. The Southwest Safety Net Advancement Scientist Research and Training (SSNE-STaR) Center - ASU Digital Health Summit. February 14, 2025.

Naidoo R., **Riley W** AI Enablement of Value-Based Care: Exploring Opportunities and Challenges through a real-world Framework. ASU Digital Health Summit. February 14, 2025.

Naidoo R., **Riley W** Managing Sepsis: Digital Transformation and Agile Workflow Integration at a large, High Performing Hospital System. ASU Digital Health Summit. February 14, 2025.

Martin M, Baker L, De Vries Stoutt P, Ganesan S, **Riley W** Contexture Registry Project. ASU Digital Health Summit. February 14, 2025.

Naidoo R, Martin M, Baker L, Domino M, Ohri-Vachaspati P, Grando A, Murcko A, **Riley W**. The Southwest Safety Net Advancement Scientist Research and Training (SSNE-STaR) Center. Faculty and Staff Research Success Day. ASU Health Futures Center, Phoenix, AZ. February 5, 2025.

Riley W, Naidoo R, White M, Hiller L, Nielsen C, Baker L, Collaborating for Change: Bridging Clinical Practice and Research to Advance Health Outcomes in Arizona. SSNE-STaR Panel. Faculty and Staff Research Success Day. ASU Health Futures Center, Phoenix, AZ. February 5, 2025.

Martin M, De Vries Stoutt, Love K, Baker L, Ganesan S, Naidoo R, **Riley W**. The National Safety Net Advancement Center. Research Success Day. ASU Health Futures Center, Phoenix, AZ. February 5, 2025.

2024 Presentations

White M, Martin M, **Riley W**. Building Capacity for Health Systems Implementation: Comparing the Experience of Four Institutions. Annual Conference on the Science of Dissemination and Implementation in Health. Academy Health. December 8th, 2024

Riley W, Science of Improvement Methods and Techniques. Healthcare Governance and Innovation Program. *Egypt National Institute for Government and Sustainable Development*, Los Angeles, California. July 5th, 2024

Riley W, Process Engineering to Design for Health Care Reliability. Healthcare Governance and Innovation Program. *National Institute for Government and Sustainable Development*, Cairo, Egypt. November 18th, 2024

Riley W, Levels of Healthcare Governance. Healthcare Governance and Innovation Program. *National Institute for Government and Sustainable Development*, Cairo, Egypt. November 17th, 2024

Carter J, White M, **Riley W**, Martin M. Appropriate Antibiotic Prescribing for Children with Acute Respiratory Tract Infections (ARTI): Pilot Project to Implement an Evidence-Based Approach for a Safety Net Population. Health Systems Implementation Initiative (HSII) Learning Network. Wednesday November 6th, 2024

Adams C, **Riley W**, Franczak M, Starbuck J. Cross-Sector Collaboration to Address Inequities in Arizona Medicaid Program. *National Committee for Quality Assurance Health Innovation Summit*. November 1, 2024.

Love K, Baker L, Adams C, Ismail EH, Runger G, **Riley W**. Primary Care Provider Patient Assignment Accuracy and Performance Implications. *American Public Health Association*. October 28, 2024. Minneapolis, MN. (Poster Session)

Love K, Baker L, Vaughan T, Adams C, Basch S, Ismail EH, **Riley W**, Runger G. Primary Care Provider Patient Assignment Accuracy and Performance Implications. *American Public Health Association*. October 28, 2024. Minneapolis, MN. (Poster Session)

Riley W. Keynote Presenter. Enhancing Perinatal Safety Through Strategic Health System Partnership. *Eck Institute for Global Health, University of Notre Dame: Maternal, Newborn, and Child Health Speaker Series*. October 4, 2024.

Riley W. Population Health and Disparities. *Eck Institute for Global Health, University of Notre Dame: Maternal, Newborn, and Child Health Speaker Series*. October 4, 2024.

Riley W, Maidoo RM. Southwest Safety Net Embedded Scientist Training and Research (SSNE-STaR) Center. *District Medical Group Board Meeting: Operations Committee*. September 20, 2024.

Riley W. Improving Population Health in Underserved Areas. Keynote Presentation. *Global Congress on Healthcare and Patient Safety*. July 29 2024. Berlin.

Riley W, Science of Improvement Methods and Techniques. Healthcare Governance and Innovation Program. *Egypt National Institute for Government and Sustainable Development*, Los Angeles, California. July 5th, 2024

Love K, Baker L, Ismail EH, Adams C, Runger G, **Riley W**. Using Practice Transformation to Improve Population Health in a Statewide Medicaid Program. *Academy Health Annual Research Meeting*. June 29, 2024. Baltimore, MD. (Poster Session)

Vaughan T, Adams C, Basch S, Ismail EH, Love K, **Riley W**, Runger G. Improving Population Health: The Crucial Role of Clinician Engagement in a Statewide Medicaid Program. *Academy Health Annual Research Meeting*. June 29, 2024. Baltimore, MD. (Poster Session)

Love K, Runger G, Jacobson G, Adams C, **Riley W**. Complex Interventions to Improve Population Health at Scale. *International Forum on Quality and Safety in Healthcare London*. April 10-13, 2024. London. (Poster Session)

Martin M, **Riley W**. Treatment Access Disparities for Arizona Health Care Cost Containment System (AHCCCS) PPW with OUD in Arizona. June 23, 2024. Arizona Health Care Cost Containment System (AHCCCS) Institute at Yuma, Arizona.

Martin M, **Riley W**. Treatment Access Disparities for Arizona Health Care Cost Containment System (AHCCCS) PPW with OUD in Arizona. April 30, 2024. Arizona Health Care Cost Containment System (AHCCCS) 2024 AHCCCS Institute at Lake Havasu City, Arizona.

Martin M, **Riley W**. Treatment Access Disparities for Arizona Health Care Cost Containment System (AHCCCS) PPW with OUD in Arizona.. 2024 Maternal and Child Health Conference at Arizona State University. April 11, 2024 Phoenix, AZ.

Naidoo RM, **Riley W**. Health system strategies to address disparities in hypertension management and control. 2024 Maternal and Child Health Conference: Translating Policy into Action at Arizona State University. April 11, 2024. Phoenix, AZ.

Martin M, Ganesan S, Love K, **Riley W**. Access to Treatment for Incarcerated Individuals Experiencing Opioid Withdrawal in the Maricopa County, Arizona Jail System. *Arizona Public Health Association Annual Conference*. February 29, 2024. Phoenix, Arizona. (Poster Session)

Love K, **Riley W**. Barriers to Implementing Value-Based Payment and Improving Health in the United States. *CHS Innovation Talks*. February 29, 2024. Phoenix, Arizona.

Riley W, Lebsock J, Fitzharris B, Webster J, Hanson L. Panel Presentation: Strategies to Address Disparities. *Arizona Health Care Cost Containment System Targeted Investment Program Kick-Off Meeting*. February 5, 2024. Phoenix, Arizona.

Riley W, Salek S, Chhatwal J, McKenna E, Johnson C. Panel Presentation: Whole Person Care Needs. *Arizona Health Care Cost Containment System Targeted Investment Program Kick-Off Meeting*. February 5, 2024. Phoenix, Arizona.

Adams C, Martin M, Runger G, **Riley W**. Targeted Investment 2.0 Kick-Off Meeting. *Arizona Health Care Cost Containment System Targeted Investment Program Kick-Off Meeting*. February 5, 2024. Phoenix, Arizona.

Riley W, Adams, C. The Future of Value-Based Payment. *2024 Value-Based Healthcare Congress*. January 29, 2024. Phoenix, Arizona.

Love K, Runger G, Ismail E, Adams C, **Riley W**. Primary Care Provider Assignment Accuracy and Performance Implications. *College of Health Solutions Faculty Research Success Day*. January 24, 2024. Phoenix, Arizona. (Poster Session)

de Vries Stoutt P, Love K, McCullough J, *Riley W*. Estimating the Burden of Disease: Transfusion Transmitted Infections in Uganda. *College of Health Solutions Faculty Research Success Day*. January 24, 2024. Phoenix, Arizona. (Poster Session)

Zubair I, Ganesan S, Love K, Phillips M, **Riley W**. Polio Eradication in Afghanistan: The Impact of the Regime Change on Polio Eradication Initiatives. *College of Health Solutions Faculty Research Success Day*. January 24, 2024. Phoenix, Arizona. (Poster Session)

Martin M, Tong D, Beard R, de Vries Stoutt P, Seltzer R, Seong T, **Riley W**. Mapping Disparities in Access to Treatment for Mental Health and Substance Use Disorders. *College of Health Solutions Faculty Research Success Day*. January 24, 2024. Phoenix, Arizona. (Poster Session)

Ganesan S, Martin M, Love K, Phillips K, Curry K, Woodard D, Wonsowicz-Moore, J, **Riley W**. Treatment for Incarcerated Individuals Experiencing Opioid Withdrawal. *College of Health Solutions Faculty Research Success Day*. January 24, 2024. Phoenix, Arizona. (Poster Session)

2023 Presentations

Riley W, Adams C, Franczak M, Naidoo R, Love K, Runger G. A high performance real-world Framework to integrate Primary Care and Behavioral Health services: TIP. *Institute for Healthcare Improvement (IHI)*. Workshop. December 11, 2023. Orlando, Florida.

Martin M, Love K, De Vries Stoutt P, Adams C, Runger G, **Riley W**. Justice-involved patients: A multi-site quality improvement collaborative for integrated care. November 14, 2023. *American Public Health Association (APHA) Annual Meeting & Expo*. Atlanta, GA.

Martin M, Ganesan S, Love K, Baker L, Coles C, **Riley W**. Access to treatment for incarcerated individuals experiencing opioid withdrawal in the Maricopa county, Arizona jail system. *American Public Health Association (APHA) Annual Meeting & Expo*. November 14, 2023. Atlanta, GA.

Martin M, Love K, O'Donnell R, Macchi CR, Baker L, Peters C, **Riley W**. Integrated behavioral health social work clinical internship for underserved high risk populations in Arizona. *American Public Health Association (APHA) Annual Meeting & Expo*. November 14, 2023. Roundtable Presentation. Atlanta, GA.

Love K, Baker L, Ganesan S, McCullough J, **Riley W**. International Health Innovations and Solutions: Transfusion Transmitted Infections in Uganda. *American Public Health Association (APHA) Annual Meeting & Expo*. Poster Presentation. November 13, 2023. Atlanta, GA.

Love K, Baker L, Futner S, Adams C, Runger G, **Riley W**. Payer patient assignment and

implications for alternative payment models. *American Public Health Association (APHA) Annual Meeting & Expo*. Poster Presentation. November 13, 2023. Atlanta, GA.

Love K, Baker L, Ganesan S, Furniss S, Jacobson G, Adams C, Otenyo J, Runger G, **Riley W**. Academic-practice linkage to improve care quality by addressing social determinants of health. *American Public Health Association (APHA) Annual Meeting & Expo*. Poster Presentation. November 13, 2023. Atlanta, GA.

Martin M, Beard R, Tong D, De Vries Stoutt P, **Riley W**. Mapping Treatment Access Disparities for Persons with Opioid Use Disorder in Arizona. *American Public Health Association (APHA) Annual Meeting & Expo*. Roundtable. November 12, 2023. Atlanta, GA.

Martin M, Love K, Runger G, **Riley W**. A Discussion on Social Determinants of Health. *Collaborative Family Healthcare Association (CFHA) Conference*. Panel. October 19th, 2023. Phoenix, Arizona.

Riley W, Naidoo R, Adams C, Love K, Runger G. Integrating Behavioral Health and Primary Care Services: Implementing a High Performance Real-World Framework. *International Consortium for Health Outcomes Measurement (ICHOM)*. October 11, 2023. Barcelona, Spain.

Adams C, Love K, Runger G, Basch S, Ismail E, Vaughan T, **Riley W**. Foundations to Improve Health Equity in Arizona Medicaid. *Arizona Health Equity Conference*. September 21, 2023. Phoenix, AZ.

Love K, Turner S, Runger G, Adams C, **Riley W**. Payer Patient Assignment and Policy Implications. *Academy Health Annual Research Meeting*. Poster Presentation. June 29, 2023. Seattle, WA.

Love K, Turner S, Runger G, Adams C, **Riley W**. Payer Patient Assignment and Implications for Alternative Payment Models. *The Arizona State University College of Health Solutions Research Symposium*. Poster Presentation. April 28, 2023. Phoenix, AZ.

Riley W, Baker L, Ganesan S, De Vries Stoutt, Love K. Safety Net Advancement Center: Translational Team Update. *The Arizona State University Kitchen Cabinet*. April 27, 2023. Phoenix, AZ.

Love K, Jacobson G, Adams C, Otenyo J, Runger G, Furniss S, **Riley W**. A Statewide Quality Improvement Collaborative to Align Health Care Policy with Performance. *The Arizona State University Institute for Social Science Research*. Poster Presentation. April 24, 2023. Phoenix, AZ.

Ganesan S, Love K, McCullough J, **Riley W**. A Model for Determining the Burden of Disease of Transfusion Transmitted Infections. *The Consortium of Universities for Global Health (CUGH) 2023: 14th Annual Conference*. Poster Presentation. April 15, 2023. Washington, Dc.

Zubair MI, Ganesan S, Love K, Phillips M, **Riley W**. Polio Eradication in Afghanistan: The Impact of the Regime Change on Polio Eradication Initiatives. *The Consortium of Universities for Global Health (CUGH) 2023: 14th Annual Conference*. Poster Presentation. April 14, 2023. Washington, DC.

Zubair MI, Ganesan S, Love K, Phillips M, **Riley W**. Polio Eradication in Afghanistan: The Impact of the Regime Change on Polio Eradication Initiatives. *2nd Edition of International Public Health Conference*. Poster Presentation. March 18, 2023. Singapore.

Riley W. How to Align National Health Care Policy Goals with Patient Care: A Mechanism to Improve Population Health. *2nd Edition of International Public Health Conference*. Keynote Presentation. March 18, 2023. Singapore.

Zubair MI, Baker L, Love K, Ganesan S, Jacobson G, Otenyo J, Runger G, Furniss S, **Riley W**. Quality Improvement Collaborative to Integrate Behavioral Health and Physical Health in Arizona: Participant Evaluation. *Arizona Public Health Association*. Poster Presentation. February 23, 2023. Phoenix, AZ.

Riley W, Adams C, Love K, Runger G. Arizona Healthcare Cost Containment System (AHCCCS): Statewide Program to Improve Care for Medicaid Patients. *Center for Health Information Research Seminar Series*. January 26, 2023. Phoenix, AZ.

2022 Presentations

Riley W, Love K, Adams C, Runger G. Arizona Health Care Cost Containment System (AHCCCS): Statewide Program to Improve Care for Medicaid Patients. *Center for Health Information Research Seminar Series*. December 9, 2022. Phoenix, AZ.

Martin M, Tong D, Love K, Phillips M, Beard R, De Vries Stoutt P, **Riley W**. Mapping Disparities for Medications and Treatment Access for Opioid Use Disorder. North American Primary Care Research Group (NAPCRG) Annual Meeting. Poster Presentation. November 21, 2022. Phoenix, AZ.

Love K, **Riley W**, Adams C, Martin M, De Vries Stoutt P, Runger G. Justice-Involved Patients: A Multi-Site Quality Improvement Collaborative for Integrated Care. North American Primary Care Research Group (NAPCRG) Annual Meeting. Poster Presentation. November 21, 2022. Phoenix, AZ.

Riley W, Love K, Fournier J, Yagoda N, Runger G. Patient Stratification Scale for Population Care Management Strategy. North American Primary Care Research Group (NAPCRG) Annual Meeting. Oral Presentation. November 21, 2022. Phoenix, AZ

Ganesan S, Martin M, Love K, Phillips M, Curry K, Woodard D, Wonsowicz-Moore J, **Riley W**. Access to treatment for incarcerated individuals experiencing opioid withdrawal in the Maricopa County, Arizona jail system. *American Public Health Association (APHA) Annual Meeting & Expo*. Community Engagement through Health Informatics Information Technology and Equity Poster Presentation. November 8, 2022. Boston, MA.

Love K, Adams C, Ganesan S, De Vries Stoutt P, Runger G, **Riley W**. Deploying Health Informatics Information Technology to Develop an Equitable Attribution Methodology. *American Public Health Association (APHA) Annual Meeting & Expo*. Community Engagement through Health Informatics Information Technology and Equity Poster Presentation. November 8, 2022. Boston, MA.

Yagoda N, **Riley W**, Fournier J,, Love K, Runger G. Patient Stratification Scale for Increasing Health Equity. *American Public Health Association (APHA) Annual Meeting & Expo*. Mental Health and Health Equity Oral Presentation. November 8, 2022. Boston, MA.

Riley W, Love K. Social Determinants of Health and Population Health Impacts. *Provider Advisory Council: Phoenix Children's Care Network Population Health Symposium*. Oral Presentation. October 5, 2022. Phoenix, AZ.

Riley W. Systems of Health and Health Care. *College of Health Solutions, All-College Meeting*. August 26, 2022. Phoenix, AZ.

Riley W. Systems of Health and Health Care. *College of Health Solutions Focusing Our Future*. February 3, 2022. Phoenix, AZ.

Riley W, Robbins N, Love K, Runger G. Community Initiative: AHCCCS Targeted Investment Program Quality Improvement Collaborative. *Center for Health Information Research (CHiR) Stakeholder Leadership Meeting*. January 24, 2022.

Riley W, Love K. Community Initiative: Behavioral Health Co-Location Pilot Project. *Center for Health Information Research (CHiR) Stakeholder Leadership Meeting*. January 24, 2022.

2021 Presentations

Riley W. A statewide quality improvement project to improve behavioral health and primary care integration. *United Arab Emirates, 2nd Annual Middle East Healthcare Financing Summit*. November 24, 2021. Keynote Presentation.

Riley W. Interdisciplinary Strategies to Improve Population Health Status Through Multisector Collaborations. *Arizona State University Affinity Network Translational Team Fall 2021 Conference*. November 18, 2021.

Phillips M, Love K, **Riley W**. Safety Net Advancement Center Splash Talk. *Arizona State University Affinity Network Translational Team Fall 2021 Conference*. November 19, 2021.

Riley W, Love K, Furniss S, Robbins N, Jacobson G, Wilson C, Runger G. A statewide quality improvement project to improve behavioral health and primary care integration. *American Public Health Association 2021 Annual Meeting & Expo*. Denver, Colorado. October 27, 2021.

Furniss S, Robbins N, Love K, Wilson C, Jacobson G, Runger G, **Riley W**. Data visualizations improve provider engagement in population health management efforts. *American Public Health Association 2021 Annual Meeting & Expo*. Denver, Colorado. October 27, 2021.

Robbins N, Furniss S, Love K, Runger G, Jacobson G, Wilson C, **Riley W**. Patient-behavioral health provider attribution methodology to improve care coordination for follow-up after hospitalization for mental illness. *American Public Health Association 2021 Annual Meeting & Expo*. Denver, Colorado. October 22, 2021.

Phillips M, Love K, Saxon M, Leard D, Robertson J, **Riley W**. Designing Preventive Care Bundles for Pediatric Primary Care Dental Clinics. *American Public Health Association 2021 Annual Meeting & Expo*. Denver, Colorado. October 22, 2021.

Riley W, Love K, Davis S, Saxon M, Philips M. Applying Human Factor Science Team Training to Law Enforcement. *American Public Health Association 2021 Annual Meeting & Expo*. Denver, Colorado. October 21, 2021.

Riley W, McCullough J. Assessing the Necessity and Feasibility of Buffy Coat Platelet Production in the United States. *American Association of Blood Banks (AABB) Buffy Coat Platelet Discussion*. October 8, 2021. Keynote Presentation.

Love K, Saxon M, McCullough J, **Riley W**, Tobian A. Estimating the Burden of Illness and Economic Impact of Transfusion Transmitted Infections. *American Association of Blood Banks (AABB) Conference*. Poster Presentation. October 2021.

Riley W. Improving Health, Well-Being, and Equity in Arizona. ASU Healthcare Innovation Keynote. *Arizona Healthcare Financial Management Association (Az HFMA)*. September 23, 2021. Keynote Presentation.

Love K, **Riley W**, Moody M, Taylor S. Redesigning the 911 emergency call system response for behavioral health crises. *International Forum on Quality and Safety in Healthcare, Europe 2021*. Poster Presentation. June 2021.

Saxon M, **Riley W**, Love K, Phillips MA, Kyeyune D, McCullough J. A Model for Determining the Burden of Disease Transfusion Transmitted Infections. *International Forum on Quality and Safety in Healthcare, Europe 2021*. Poster Presentation. June 2021.

Phillips M, Martin M, Page M, Woodard D, **Riley W**. Health Equity Inside the Jail: A Targeted Opioid Treatment Program in the Maricopa County, Arizona Jail System. *International Forum on Quality and Safety in Healthcare, Europe 2021*. Poster Presentation. June 2021.

Riley W, Butler S, Freeman A, Moody M. Mental Health Response. *Mesa City Council, Public Safety Committee Meeting*, Mesa, Arizona. May 20, 2021.

Riley W. 911 Dispatch Center Behavioral Health Co-Location: Preliminary Evidence. *West Virginia Council for Health Community*. April 16, 2021

Riley W, Moody M, Taylor S, Love K, Runger G. Redesigning the 911 emergency call system response for behavioral health crises. *Robert Wood Johnson Foundation*, Research in Progress. March 24, 2021.

Saxon M, **Riley WJ**, Love K, Phillips MA. Estimating the Economic Burden of TTIs in Uganda. *College of Health Solutions Research Day, Arizona State University*. Poster Presentation. January 29th, 2021.

Phillips MA, Love K, Saxon M, **Riley WJ**. Designing Preventive Care Bundles for Pediatric Care Dental Clinics. *College of Health Solutions Research Day, Arizona State University*. Poster Presentation. January 29th, 2021.

2020 Presentations

Riley WJ, Runger G, Shafer MS, Love K. Challenges and Methods for Implementing Multisector Research. *13th Annual Conference on the Science of Disseminating and Implementation in Health*. Poster Presentation. December 2020.

Riley W. Implications of COVID for Hospitals. *American Red Cross Medical Advisory Council Meeting*. December 1st, 2020.

Riley W, Runger G, Jacobson G, Love K, Furniss S, Robbins N. Quality Improvement Collaborative to Integrate Behavioral Health and Physical Health in Arizona. *International Forum on Quality and Safety in Healthcare*, Copenhagen 2020. Poster Presentation. November 2020.

Martin M, Phillips M, **Riley WJ**. Targeted Medication Assisted Treatment Engagement for Individuals with Opioid Use Disorder Incarcerated in the Maricopa County, Arizona Jail. *Health Equity Conference: Racism and its Impact on Child and Adolescent Health*. October 15, 2020.

Riley W, Love K, Runger G, Shafer M, Taylor S, Moffitt D. Achieving Health Equity across Systems: Cross-Sector Research to Measure Capacity and Align Medical, Public Health and Social Service Sectors: Challenges and Methods for Implementing Multisector Research. *American Public Health Association Annual Meeting and Expo: Creating the Healthiest Nation Preventing Violence*. October 28, 2020.

Phillips M, Love K, **Riley WJ**. Value Based Payment for Oral Health. *Affinity Network and Translational Team Fall Retreat*. October 30, 2020.

Wilson C, Love K, **Riley W**. Integrating Behavioral Health and Primary Care for Improvement Patient Outcomes. *Arizona Association of Health Plans*. August 13th, 2020.

Riley W, Runger G, Shafer M, Taylor S. Multisector Service Delivery Integration for Behavioral Health Disorders and First Responders. *Robert Wood Johnson Foundation*, Research in Progress. April 1, 2020.

Riley WJ, Wilson C. Arizona Health Care Cost Containment System Targeted Investment Program Quality Improvement Collaborative. *MDC Advisory Board*. February 13, 2020.

Riley W, Jacobson G, Runger G. Targeted Investment Program Quality Improvement Collaborative. *Arizona Health Care Cost Containment System Targeted Investment Summit*. January 27, 2020.

Pre-2020

Over 150 Presentations

Advisory Committees

2020- 2025	Solari (Previously Crisis Response Network), Phoenix, AZ Advisory Board
2020-2023	North Country Health Care Family Medicine Residency Program, Flagstaff, AZ (Advisory Board)

Board of Directors

2017 – Present	Northern Arizona Health System, Flagstaff, AZ Chair, Board of Directors, 2021-2023 Member, All Board Committees, 2021 (Finance Committee, Quality and Safety Committee, Audit Committee, Governance Committee) Deputy Chairperson, 2020 Treasure, 2019-2020 Chair, Finance Committee, 2019-2020 Finance Committee, 2017-2020
2018 - 2022	Northern Arizona Foundation, Flagstaff, AZ
2015 – 2018	Foundation for the Public Health, Washington, DC
2007 – 2018	Public Health Accreditation Board (Chair 2010-2012), Alexandria, VA
2009 – 2011	Society for Simulation in Healthcare
2011-2018	Fairview Physicians Associates, Minneapolis, MN
2008 –2013	West Side Community Health Clinic, St Paul, MN (Federally Qualified Health Center)
2003 – 2006	Walker-Methodist Health Care Center, Minneapolis, MN

1998 – 2001	Pacific Medical Center, Seattle, WA
1986 – 1998	Aspen Medical Group, St Paul, MN
1993 – 1998	Aspen Plus Health Network, Eagen, MN
1997 – 2002	HealthEZ, Inc., Edina, MN
1983 – 1986	Integrated Health Care, St Paul, MN
1984 – 1986	Minnesota Association of Public Teaching Hospitals, Minneapolis, MN

Research Grants Awarded in 2025

Principle Investigator: William Riley

Title: Health Systems Implementation Initiative (HSII) Limited Call for Proposals Pilot Project: Appropriate Antibiotic Prescribing for Children with Acute Respiratory Tract Infections (ARTIs)
Sponsor: PCORI

Project Period: 1/1/25-6/1/26; Total Award: \$200,000

Summary: The goal for this pilot project is to develop and test internal practice guidelines for the Valleywise Health System to support antibiotic stewardship for acute respiratory tract infections (ARTIs) for children.

Principle Investigator: William Riley

Title: Pilot Project to Improve Equity for Uncontrolled Hypertension in Underserved Adults at a Safety Net Health System

Sponsor: PCORI

Project Period: 1/1/25-6/1/26 Total Award: \$200,000

Summary: This Pilot Project will demonstrate the feasibility of implementing an evidence-based practice for the management of uncontrolled HTN in adults served by VH.

Research Grants Awarded in 2024

Principle Investigator: Williams Riley

Title: Learning Health System proposal to establish the Southwest Safety Net Embedded Scientist Training and Research Center (SSNE-STaR)

Sponsor: AHRQ

Project Period: 1/1/24-1/1/29; Total Award: \$5,000,000

Summary: Establish Southwest Safety Net Embedded Scientist Training and Research Center (SSNE-STaR) in collaboration with key community health partners. Purpose is to train physicians from safety net organizations on patient centered evidence based healthcare outcomes research methods.

Principle Investigator: Matthew Martin

Co-PI: William Riley

Title: FY 2024 State Pilot Program for Treatment for Pregnant and Postpartum Women

Sponsor: SAMHSA

Project Period: 9/30/24-9/29/27; Total Award: \$2,700,000

Summary: The goal for this project is to 1) advance family-based services for pregnant and postpartum women with a primary diagnosis of a substance use disorder (SUD), emphasizing the treatment of opioid use disorder (OUD); (2) help state substance use agencies provide outpatient treatment and recovery support services for pregnant and postpartum women with SUD; and (3) promote a coordinated system of SUD care within each state.

Grants Awarded Pre 2024

Co-PI: William Riley

Principle Investigator: Matthew Martin

Title: Prevention and Wellbeing Improvement Collaborative (PWIC)

Sponsor: Governor Office of Youth, Faith, and Family

Project Period: 9/30/23 - 9/29/28 (5 Years); Total Award: \$625,000

Summary: Create a collaborative network of community organizations focused on preventing substance use and increasing mental wellbeing among youth and young adults.

Co-PI: William Riley

Principle Investigator: Matthew Martin;

Title: Workforce Innovation and Opportunity Act Program: Evaluation

Sponsor: Governor Office of Youth, Faith, and Family

Project Period: 9/1/23-8/31/26 (3 Years); Total Award: \$5,900,000 in total (\$1,752,286 to ASU)

Summary: The purpose of this project is to provide target performance management and guidance to GOYFF-funded WIOA Programs.

Principle Investigator: William Riley and Michael White

Title: Building Capacity for the Health System Implementation Intervention Network

Sponsor: PCORI

Project Period: 8/1/23-1/31/25 (18-months); Total Award: \$500,000

Summary: Develop and implement a needs assessment to identify key areas within the Valleywise Health system to build capacity to support health system implementation initiatives.

Principle Investigator: William Riley;

Title: Long COVID-19 ECHO Physician Training Program

Sponsor: Maricopa County Health Department

Project Period: 1/1/23-6/1/24; Total Award: \$495,614.01

Summary: We propose to develop and implement a comprehensive medical education and care management program for primary care providers in Maricopa County on subjects related to recovery on Post-Covid-19 conditions. This program will have an emphasis on primary care providers serving low-income households seeking medical care for their families and themselves.

Co-PI: William Riley

Principle Investigator: Matthew Martin;

Title: Arizona Healthcare Directives Registry Rural Hospital Milestone Incentive Program

Sponsor: Contexture

Project Period: 1/1/23-7/1/2024 (18 Months); Total Award: \$150,000

Summary: Measure system utilization by rural hospitals of the AzHDR program and calculate a return on investment from the payer perspective.

Principle Investigator: William Riley;

Title: Targeted Investment Program Quality Improvement Collaborative Phase 2

Sponsor: CMS; Arizona Health Care Cost Containment System

Project Period: 12/1/22 - 9/30/28, Total Award: \$9,031,554

Summary: Quality Improvement Collaborative for provider groups participating in the Targeted Investments Program (TIP) to reduce disparities and improve equity to maximize and sustain milestone performance by the provider groups and strengthen provider networks for successful value-based payment models in the future.

Principle Investigator: William Riley

Title: Analysis of Surprise Medical Bills, Patient Protections, and Why They Need to be Maintained In Arizona

Sponsor: Blue Cross Blue Shield

Project Period: 12/1/22 – 5/1/23, Total Award: \$45,000

Summary: Conduct a policy analysis of surprise medical billing to determine the need for patient protections in Arizona

Principle Investigator: William Riley

Title: Targeted Investment Program Evaluation Waiver

Sponsor: AHCCCS

Project Period: 9/2022-9/2028

Project Period: 5 Years; Total Award: \$850,000

Summary: Evaluate the second phase of the Targeted Investment Program.

Co-PI: William Riley

Principle Investigator: Matthew Martin;

Title: Assessing Disparities in Medications for Opioid Use Disorder in Arizona using a Geographic Information System (GIS)

Sponsor: Swette Foundation

Project Period: 8/17/22-7/31/23; Total Award: \$50,000

Summary: Using GIS to determine service needs for persons with substance use disorder and matching substance use treatment capacity. The collaborative research project will assess system overlaps and gaps in access to treatment for individuals with OUD in Arizona in order to identify disparities, analyze factors associated with these disparities, and assess the adequacy of existing OUD treatment.

Principle Investigator: William Riley (Subaward)

Title: Substance Abuse Block Grant Harm Reduction - A Comprehensive Harm Reduction Strategy for Arizona

Sponsor: Substance Abuse and Mental Health Services Administration (SMHSA)

Project Period: 12/1/2021 – 12/1/2024

Total Award: \$2,091,359.00 (Subaward \$326,623)

Summary: To engage the hardest-to-reach Arizonans who use drugs - those who are the most medically complicated, and the highest cost to public systems. We seek to address the intersecting medical and social factors that perpetuate overdose, disease transmission, and isolation among these individuals.

Principle Investigator: William Riley;

Title: Behavioral Health Workforce Education and Training (BHWET) Program for Professionals

Sponsor: Health Resources & Services Administration

Project Period: 7/1/2021 – 6/30/2025

Total Award: \$1,920,000

Summary: To develop and expand experiential training opportunities, including field placements and internships, to improve the distribution and supply of the behavioral health workforce.

Co-PI: William Riley; Principle Investigator: Matthew Martin;

Title: Mental Health Mapping; Behavioral Health Workforce Shortage: Matching Demand with Supply

Sponsor: Arizona Health Improvement Project, Arizona State University

Project Period: 7/1/2021 – 7/1/2023

Total Award: \$118,000

Summary: Using GIS to determine shortages in the behavioral health workforce and behavioral health workforce capacity

Principle Investigator: William Riley;

Title: Quality Improvement Collaborative for Physical Health/Behavioral Health Integration - Phase 1

Sponsor: Arizona Health Care Cost Containment System

Project Period (Extension): 10/1/21 – 10/1/23; Extension: \$1,000,000, (Total Award: \$3,000,000)

Summary: Quality Improvement Collaborative for provider groups participating in the Targeted Investments Program (TIP) to optimize integration of primary care and behavioral health to maximize and sustain milestone performance by the provider groups and strengthen provider networks for successful value-based payment models in the future.

Principle Investigator: William Riley (Subaward)

Title: Targeted Capacity Expansion: Medication Assisted Treatment – Prescription Drug and Opioid Addiction

Sponsor: Substance Abuse and Mental Health Services Administration (SAMHSA)

Project Period: 1/1/20 – 12/31/23

Total Award: \$1,572,000 (Subaward \$720,000)

Summary: Increase MAT access and 7 other supportive services to individuals with OUD in the criminal justice system.

Principle Investigator: William Riley;

Title: Creating a Patient Resource Intensity Scale (PRIS) for Population Health Management

Sponsor: CommUnityCare, Texas

Project Period: 3/1/20 – 12/31/21

Total Award: \$100,000

Summary: Create a Patient Resource Intensity Score (PRIS) scale, based on a weighting system which includes at least four patient specific factors: 1) diagnostic criteria; 2) utilization; 3) social determinants of health; and 4) receptivity to change.

Principle Investigator: William Riley;

Title: Quality Improvement Collaborative for Physical Health/Behavioral Health Integration - Phase 1

Sponsor: Arizona Health Care Cost Containment System

Project Period: 10/1/19 – 10/1/23, Extension for Current Contract 10/1/21 – 10/1/23; Extension: \$1,000,000, (Total Award: \$3,000,000)

Summary: Quality Improvement Collaborative for provider groups participating in the Targeted Investments Program (TIP) to optimize integration of primary care and behavioral health to maximize and sustain milestone performance by the provider groups and strengthen provider networks for successful value-based payment models in the future.

Principle Investigator: William Riley

Title: Redesigning the 911 Emergency Dispatch and Response for Behavioral Health Crises

Sponsor: Robert Wood Johnson Foundation (RWJF)

Project Period: 8/1/2018 – 6/31/2020; Extension: 7/1/2020 – 6/31/2021

Total Award: \$1,000,000

Summary: Explore multisector mechanisms for persons experiencing behavioral health crises who enter the 911 emergency dispatch system. The current multisector fragmentation leads to a number of alignment problems in the pre-dispatch, on-scene, and post-scene 911 Emergency Medical System (EMS) system resulting in poor care continuity, inappropriate triage, and tremendously inefficient use of resources.

Principal Investigator: William Riley

Title: Positioning the National Safety Net Advancement Center for Sustainability in Advancing Reform of Health Care Payment and Delivery Systems

Sponsor: Robert Wood Johnson Foundation

Project Period: 10/15/18 – 6/31/21; Total Award: \$1,000,000 (Total Award: \$2,400,000)

Positioning the National Safety Net Advancement Center for Sustainability. Phase 2 of SNAC will support three goals: 1) prepare SNAC for diversification and sustainability as a resource center for safety net payment reform; 2) launch two new activities to extend successful payment and care delivery reform in the safety net sector (a single state multisector safety net initiative and a multistate single sector safety net initiative); and 3) align SNAC with the RWJF strategy to develop a safety net Coordination and Action Hub (HUB) and strategize with RWJF to ensure the long-term success of the HUB.

Principle Investigator: William Riley (Subaward)

Title: Randomized Trial to Evaluate Mirasol Whole Blood Pathogen Reduction Technology System to Reduce Malaria and Emerging Transfusion Transmitted Infections

Sponsor: Department of Defense

Project Period: 9/1/2018-9/30/2024; Total Award: \$8,345,709 (Subaward = \$700,000)

Summary: The major goal of this project is to evaluate the safety, efficacy, cost, feasibility, and sustainability of Mirasol pathogen reduction technology (PRT).

Investigator Status: Co-Investigator. Lead the population health impact and cost benefit aspect of study.

Principal Investigator: William Riley

Title: Advancing Value-Based Care in Oral Health

Sponsor: DentaQuest Institute

Project Period: 5/1/2018 – 12/1/18

Total Award: \$20,000

Summary: Develop episode-of-care (EOC) bundles for oral health and assess the impact they have on value. An episode-of-care bundle includes a defined set of services with a fixed payment for all of the care a patient receives in the course of treatment for a specific condition or treatment. EOC bundles have been developed for health care but have not yet been used in oral health care.

Principal Investigator: William Riley

Title: Established Translational Team – Multimorbidity

Sponsor: College of Health Solutions

Project Period: 12/1/18 – 12/31/19

Total Award: \$18,000

Summary: This project will establish a multimorbidity translational team that focuses on key diseases with strong behavioral components.

Principal Investigator: William Riley

Title: Established Translational Team – Oral Health Center of Excellence

Sponsor: College of Health Solutions

Project Period: 12/1/18 – 12/31/2020

Total Award: \$36,000

Summary: Establish a center for advancing oral health value-based care at Arizona State University.

Principal Investigator: William Riley

Title: A Feasibility Study for the Episcopal Health Foundation

Sponsor: The Episcopal Health Foundation

Project period: 10/01/17 – 2/01/18

Total Award: \$159,000

Conduct a feasibility study for the Episcopal Health Foundation to assess the understanding of payment and care delivery reform for the safety net sector among key stakeholders in the 57-county service area of the EHF and evaluate the barriers and facilitators of advanced payment model delivery system transformation.

Principal Investigator: William Riley

Title: National Resource Center for Safety Net Payment and Service Delivery Reform

Sponsor: Robert Wood Johnson Foundation

Project period: 10/15/15 – 9/31/17; Total Award: \$1,400,000

Develop a Resource Center for over 6,000 safety net organizations in six sectors: tribal health centers, federally qualified health centers, community mental health centers, critical access

hospitals, public teaching hospitals, and oral health. Three strategies include a) a curated online library of all relevant resources, b) sponsor 6 nationwide collaboratives, c) provide grants to safety net organizations.

Principal Investigator: William Riley

Title: Action Research Center for a Culture of Health (ARCCOH): Financing and Service Delivery Integration

Sponsor: Robert Wood Johnson Foundation

Project period: 3/1/16 – 2/28/18; Total Award: \$1,000,000

Develop evidence regarding system-level strategies to achieve alignment, partnership and synergy across the delivery and financing systems for medical care, public and social and community services. Grounded in Community Based Participatory Research. The research design consists of a complementary set of mixed-methods to triangulate findings from various approaches including structural equations, social network analysis, natural experiment and causal modeling.

Principal Investigator: William Riley

Title: Healthy Babies Evaluation

Sponsor: Medica Research Institute

Project period: 2/1/14 – 1/31/15

Total Award: \$74,800

Pre-term elective induction of labor has been shown to be associated with adverse maternal and neonatal outcomes. Many states have undertaken voluntary or quality improvement steps to reduce elective inductions. In 2011, Texas began denying Medicaid claims for non-medically pre-term deliveries. This study tests whether this policy change was effective in reducing pre-term elective induction of labor in Texas versus several other states without this policy change.

Principal Investigator: William Riley

Title: Quality Improvement Collaborative for University of Minnesota Hospital Leaders

Sponsor: University of Minnesota Physicians and Fairview Health Services

Project period: 2/5/14 – 3/31/15

Total Award: \$95,000

Prepare a comprehensive performance and quality improvement program for University Hospital Leadership. The focus of this program will be to enhance the understanding and application of transformational leadership principles, concepts, skills and techniques in quality and performance improvement. Through this program, learners will be better equipped to excel through its strategic imperatives being formed under healthcare reform.

Principal Investigator: William Riley

Title: Performance Improvement Training for Public Health Preparedness

Sponsor: Public Health Foundation Enterprises, Inc

Prime sponsor: CDC

Project period: 8/1/13 – 9/29/13

Total Award: \$28,500

Continuous Quality Improvement workshop for the leadership of the San Francisco Health Department. The program will consist of a comprehensive introduction to the techniques and application of quality improvement in public health departments and preparedness and to gain experience introducing a QI project.

Principal Investigator: William Riley

Title: Health Insurance Feasibility Study for Afghanistan

Sponsor: Futures Group, Inc

Prime sponsor: USAID

Project period: 12/5/13 – 8/15/14

Total Award: \$1,052,397

Prepare feasibility to introduce health insurance coverage into Afghanistan provinces. Project consists of four phases: start-up; assessment and planning ; detailed analysis; and active technical assistance, and capacity building.

Investigator Status: **Collaborator**

Principle Investigator: Sherine Gabriel

Title: Transforming Medical Education Through the Science of Health Care Delivery

Sponsor: The American Medical Association and Mayo Medical School

Project period: 6/1/13 – 5/31/18

Total Award: \$1,000,000

Design, implement and disseminate a new model of undergraduate medical education. The Mayo Medical School will develop a model for Science of Health Care Delivery (SHCD).

Investigator Status: **Collaborator**

Principle Investigator: Sherine Gabriel

Title: Rapidly Disseminating Science of Health Care Delivery Knowledge for Maximal Impact

Sponsor: The Kern Foundation and Mayo Medical School

Project period: 11/1/13 – 6/1/17

Total Award: \$3,000,000

Develop an introductory course to SHCD principles for health care providers and students of health care delivery; including an on-line certificate program in the Science of Health Care Delivery (SHCD).

Investigator Status: **Co-Principal Investigator**

Co-Principle Investigator: Hector Rodriquez

Sponsor: UCLA and University of Minnesota CTSI

Project Title: Reducing Disparities in the Use of Healthcare Information Exchange;

4/1/13-3/31/14

Grant ID # 69683

Direct Costs: \$60,000

Purpose: Explore adaptation of HIT by clinics with underserved populations.

Investigator Status: **Co-Principal Investigator**

Co-Principle Investigator: M. Elizabeth Gyllstrom

Sponsor: Minnesota Department of Health

Project Title: Analyzing the Role of Increased Local Public Health Capacity and Performance in the Successful Implementation of Community-based interventions; 12/1/11-11/30/13

Grant ID # 69683

Direct Costs: \$200,000

Purpose: Provide national and Minnesota policymakers with information related to the implementation of a wide-spread, evidence-based intervention strategy by local health departments. The study links data on the structure, financing, authority and capacity of Minnesota local health departments and maturity of organizational quality improvement.

Investigator Status: **Co-Principal Investigator**

Co-Principal Investigator: Kim Gearin (PI)

Sponsor: Robert Wood Johnson Foundation

Project Title: Public Health Practice Based Research Network Program, Research to Implementation Award, 02/01/11-01/31/13

Grant ID# 68674

Direct Costs: \$243,275

Purpose: Test measures of quality improvement (QI) processes within state and local health departments in Minnesota to examine the relationship between contextual variables (population size served, governance and organizational structure, and staffing and financial characteristics of the health agency) for QI implementation.

Investigator Status: **Lead for Cost Effectiveness Evaluation**

Sponsor: United States Army Medical Research Acquisition Activity Program

Project Title: Joint Program Committee 1 – Medical Simulation, Education & Training for Systems Development and Integration (JPC1-MedSim)

Period: 5/1/11 – 4/30/14

Costs submitted: \$10,600,000

Purpose: Evaluation of training modalities for combat trauma.

Investigator Status: **Co-Principal Investigator**

PI: Kim Gearin

Sponsor: Minnesota Department of Health

Project Title: Public Health Practice-Based Research Network Quick Strike Research Fund: Quality Improvement, Reporting, and Accreditation; 03/15/11-03/31/13

Direct Costs: \$150,000

Purpose: Continue a previous study related to the governance, organizational and operational characteristics of Minnesota's local public health system.

Investigator Status: **Principal Investigator**

Sponsor: Robert Wood Johnson Foundation

Project Title and Dates: The Science of Quality Improvement in Public Health Departments; 03/01/11-11/30/11

Direct Costs: \$49,999

Purpose: Develop a logic model for the science of quality improvement in public health, and create a taxonomy for QI in public health. Analyze and categorize the types of QI models used in

public health departments and the processes studied to better understand how health department processes affect health outcomes in community populations.

Investigator Status: **Principal Investigator**

Sponsor: Minnesota Department of Health

Project Title and Dates: Minnesota Public Health Practice-Based Research Network Phase II; 02/01/2011-01/31/ 2013

Direct Costs: \$34,870

Purpose: Lead the QI component of a Practice Based Research Network study to examine the relationship between readiness to change and the governance, organizational and operational characteristics of Minnesota's local public health system.

Investigator Status: **Principal Investigator**

Sponsor: Medica Research Institute

Project Title and Dates: The Determinants of Computed Tomography (CT) Scan Utilization; 11/01/10-10/31/11

Direct Costs: \$50,000

Purpose: Study the determinants of computed tomography (CT) scan utilization and develop a CT utilization profile and validate best practices through a literature review and through expert opinion.

Investigator Status: **Co-Investigator**

Sponsor: Medica Research Institute

PI: John Nyman

Project Title and Dates: The Effect of Incentive Payment on Visit Guideline Compliance 11/01/10-10/31/11

Direct Costs: \$50,000

Purpose: A study of the incentive program to encourage Medicaid beneficiaries to obtain the clinically-recommended level of well-baby care and preventive check-ups for their children.

Investigator Status: **Co-Investigator**

Sponsor: Fairview Health Systems (AHRQ)

Project Title and Dates: Creating High Reliability Obstetrics Units to Eliminate Preventable Injuries and Reduce Malpractice Claims and Costs; Grant #: 1R18 HS 19587-01; 10/01/10-09/30/13

Direct Costs: \$2,997,556

Purpose: Fairview Health System, Premier and the School of Public Health, University of Minnesota

Formed a partnership to improve perinatal safety and reduce harm to mothers and infants. The study will assess the impact of efforts to improve perinatal safety on the prevalence of obstetrical events and malpractice claims and payments

Investigator Status: **Principal Investigator of Sub-Contract**

Sponsor: United States Department of Health & Human Services (AHRQ)

Project Title and Dates: Eliminating Preventable Perinatal Injuries and Reducing Malpractice Claims and Costs; Grant #: R18HS019587: 07/01/10-06/30/11

Direct Costs: \$1,200,000

Purpose: Subaward under prime AHRQ grant. The objective of this study is to improve perinatal patient safety and demonstrate the relationship to decreased malpractice activity and builds on our prior efforts to eliminate preventable perinatal harm in a nationwide collaborative. We will use a prospective cohort study of sixteen hospitals with a matched comparison group to implement perinatal best practices and evaluate the impact on improved patient safety and reduced malpractice activity.

Investigator Status: **Co-Investigator**

PI: Kim Gearin

Sponsor: Minnesota Department of Health

Project Title and Dates: Governance, Organizational and Operational Characteristics of Minnesota's Local Public Health System: 01/01/10-01/31/11

Direct Costs: \$64,215

Purpose: Collaborate with the Steering Committee of the Minnesota Public Health Practice Based Research Network and the Minnesota Department of Health to design and conduct a research project of the governance, organizational and operational characteristics of Minnesota's local public health system, and a comparative analysis of local public health performance via survey of local public health officials in Minnesota.

Investigator Status: **Principal Investigator**

PI: William Riley

Sponsor: Agent Francaise de Development

Project Title: Ministry Of Public Health Blood Banks Rehabilitation Project; Grant #: CAF 3008 01Z

Dates: 01/2010 – 01/2012

Direct Costs: \$1,113,000

Purpose: Work with Government of Afghanistan to identify, develop and deliver a comprehensive skills upgrade and educational training plan for professional and technical staff of the Main Blood Bank and associated Branches of the Ministry of Public Health, Afghanistan.

Investigator Status: **Co-Principal Investigator**

PI: Mary Davis

Sponsor: Robert Wood Johnson Foundation

Project Title: Public Health Practice: Evaluating the Impact of Quality Improvement Solicitation Brief Proposal Narrative

Dates: 01/01/09-12/31/11

Direct Costs: \$374,864

Purpose: Housed in the University of North Carolina at Chapel Hill, the North Carolina Institute for Public Health's Evaluation Services received the grant to evaluate the effectiveness of NACCHO's quality improvement training programs for local health departments. Evidence improvement: Evaluating Quality Improvement Training Programs.

Investigator Status: **Principal Investigator**

Sponsor: Centers for Disease Control and Prevention

Project Title: University of Minnesota: Simulations and Exercises For Educational Effectiveness.

Creating High Reliability Teams for Public Health Preparedness; Grant # 1P01 TP000301
Dates: 09/01/08-09/30/13.

Direct Costs: \$1,470,307

Purpose: This research examines the predictors and determinants of high reliability teams in public health emergency preparedness by studying the effects of controller led *in situ* simulation training on team function, dynamics and communications among staff responsible for public health emergency operations and coordination at a state health department. In critical incidents or events, This study will advance the science of public health emergency preparedness by measuring differences in performance by teams that have had didactic training only and those that have also had controller led *in situ* simulation training.

Investigator Status: **Co-Principal Investigator**

PI: Debra K. Olson, DNP, MPH, RN, COHN-S, FAAOHN

Sponsor: Centers for Disease Control and Prevention

Project Title: University of Minnesota: Simulations and Exercises for Educational Effectiveness (U-SEEE); Grant # 1P01 TP000301

Dates: 09/01/08-09/30/13

Direct Costs: \$7,500,000

Purpose: Under the leadership of Dr Deb Olson, the University of Minnesota Simulations and Exercises for Educational Effectiveness (USEEE) is a set of five major projects to conduct research and establish the effectiveness of various simulation learning methodologies for public health emergency preparedness.

Investigator Status: **Principal Investigator**

Sponsor: Robert Wood Johnson Foundation

Project Title and Dates: Building the Evidence Base for Public Health Accreditation and Quality Improvement; Grant # 064349

Dates: 07/01/08-03/31/12

Direct Costs: \$3,000,000

Purpose: Project management & technical assistance component \$600,000. Building the Evidence Base for Public Health Accreditation and Quality Improvement. Technical assistance and direction for RWJF's Building the Evidence Base for Public Health Accreditation and Quality Improvement program.

Investigator Status: **Principal Investigator**

Sponsor: Chicago County and Minnesota Department of Health (MDH)

Project Title: Evaluating the Cost and Outcomes of Providing Essential Local Public Health Activities

Dates: 06/01/08-12/31/08

Direct Costs: \$50,000

Purpose: The study includes an analysis of cost, performance, and outcomes from 2005-2007 for all 87 local governmental health departments in Minnesota. There are two main outcome measures: gaps in financial resources at the local level and the total resources needed to provide essential public health services at the local level.

Investigator Status: **Principal Investigator**

Sponsor: Center for Disease Control and Prevention

Project Title: Establishment of National Public Health Accreditation Program

Dates: 06/01/08-05/31/13

Direct Costs: \$977,720

Grant #: 1U38HM000415-01 Revised: 06/01/08-05/31/09

Purpose: Support funding for the establishment of National Public Health Accreditation Program.

Investigator Status: **Co Investigator**

PI: Kim Gearin

Sponsor: Robert Wood Johnson Foundation

Project Title: Lead States in Public Health Quality Improvement: A Multi-State Learning Collaborative

Dates: 06/01/08-06/30-10

Direct Costs: \$450,000

Purpose: To improve the quality of public health and prepare for national public health accreditation. The grant is part of a national program called "Lead states in public health quality improvement: A multi-state learning collaborative". This is managed by the National Network of Public Health Institutes (NNPHI) and the Public Health Leadership Society (PHLS).

Investigator Status: **Principal Investigator**

Sponsor: National Association of County & City Health Officials/Public Health Accreditation Board Contract

Project Title: Building accreditation program and maintaining operations of the PHAB office.

Dates: 9/08 – 1/09

Direct Costs: \$698,175

Purpose: Funding to build an accreditation program and maintain operations of the Public Health Accreditation Board.

Investigator Status: **Principal Investigator**

Sponsor: Premier, Inc.

Project Title and Dates: Hospital Performance Improvement Alliance;

Dates: 04/01/08-07/31/10

Direct Costs: \$155,000

Purpose: Develop training program and conduct impact research on nationwide project to reduce perinatal injury and improve outcomes.

Investigator Status: **Co-Investigator**

PI: Karyn Baum

Sponsor: American Institute for Research/AHRQ training grant

Project Title and Dates: National Implementation of TeamSTEPPS®;

Dates: 09/01/07-09/30/09

Direct Costs: \$139,999

Purpose: Implementing team training for fourteen quality improvement organizations across the nation.

Investigator Status: **Principal Investigator**

Sponsor: Robert Wood Johnson Foundation Grant

Project Title and Dates: An Academic Health Center and Public Health Practice Collaboration: Disseminating Continuous Quality Improvement Capability to Local and State Public Health Agencies

Dates: 11/01/06-12/31/08

Direct Costs: \$200,002

Purpose: Develop a pilot program to expand the use of continuous quality improvement (CQI) principles into public health agencies through an extensive ongoing collaboration between a leading School of Public Health at the University of Minnesota and local and state public health agencies.

Investigator Status: **Principal Investigator**

Sponsor: Agency for Healthcare Research and Quality

Project Title and Dates: In Situ Simulation to Detect and Prevent Near Misses during Critical Events

Grant #: 1U18 HS016728-01:

Dates: 09/30/06-09/29/08

Direct Costs: \$491,719

Purpose: This project was for testing the effectiveness of an in situ simulation strategy in a perinatal unit to identify the number of “near misses” for emergent C-sections, examine the reliability of in situ simulation assessment to predict performance, examine the effect of in situ simulation training to criterion level on reducing “near misses,” and examine the effect of in situ simulation training on culture of safety and selected patient safety measures.

Investigator Status: **Principal Investigator**

Sponsor: United Health Group

Project Title: Strategic Alignment

Dates: 02/01/06-10/31/06

Direct Costs: \$40,000

Purpose: Research and Evaluation of United Health Care Strategy for Achieving superior health plan performance by analyzing AQUA (Affordability, Quality, Usability, Access) initiative to assess strategy and identify any additional opportunity for competitive advantage.

Investigator Status: **Principal Investigator**

Sponsor: Robert Wood Johnson Foundation Grant

Project Title and Dates: Quality Improvement Applications

Dates: 11/01/05-02/28/06

Direct Costs: \$20,000

Purpose: This study was to assess the use of Quality Improvement in law enforcement and identify applications to public health departments.

Investigator Status: **Co-Investigator**

PI: Melissa Avery

Sponsor: Health Resources Services Administration

Project Title and Dates: Technology Enhanced Learning in Graduate Nursing

Grant #: 1D09HP04068-01-00

Dates: 09/01/04-06/30/08

Direct Costs: \$21,198

Purpose: A development grant to enhance advanced nursing education and practice including master's and doctoral programs. Specific projects were to develop interdisciplinary online courses for distance education in health care management and health care finance.

Investigator Status: **Principal Investigator**

Sponsor: CNA Corporation (CMS Prime)

Project Title and Dates: Collection and Analysis of State and Federal Policies Concerning the Use of Annuities to Shelter Assets in State Medicaid Programs

Grant # CMS-03-006/VAC

Dates: 10/01/03-01/31/05

Direct Costs: \$125,000

Purpose: Lead the focus groups and the modeling for the financial impact on the Medicaid program on the use of annuities to shelter assets in state Medicaid programs at the nation.

Investigator Status: **Principal Investigator**

Sponsor: University of Minnesota, School of Public Health

Project Title and Dates: Quality Improvement Grant

Dates: 07/01/07-12/31/08

Direct Costs: \$125,000

Purpose: Create quality improvement linkage with public health practice and develop Certificate in Quality Improvement distance education.

Investigator Status: **Principal Investigator**

Sponsor: University of Minnesota Academic Health Center

Project Title and Dates: Culture of Safety at the Micro system Level: Impact on Patient Safety and Other Quality Outcomes

Grant # 665-1417

Dates: 01/01/05-12/31/07

Direct Costs: \$179,645

Purpose: Three year research project to develop, test and implement a program to create High Reliability as well as identification, selection, and adaptation of appropriate research instruments to assess the effects of various process and outcome measures.

Investigator Status: **Principal Investigator**

Sponsor: Digital Media Centre

Project Title: Creating Learning Objectives for Distance Education in Health Care Management

Dates: 06/01/03-10/31/03

Direct Costs: \$25,000

Purpose: Selected for the Next Generation Professorate at the University of Minnesota to study and apply techniques for the scholarship of teaching and learning.