**CURRICULUM VITAE**

**WILLIAM J. RILEY, PhD**

Updated January 2022

**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** August 2008 – January 2009

President and Chief Executive Director (Interim)

**Pacific Medical Center, Seattle, WA** Sept 1998 – August 2001

President and Chief Executive Officer of Pacific Medical Center

**Blue Cross Blue Shield of Minnesota, St. Paul, MN** August 1993 – August 1998

Senior Vice President

**Aspen Medical Group, St. Paul, MN** July 1986 – September 1998

Chief Executive Officer of Aspen Medical Group

(Executive Vice President 1986-1990).

**St. Paul Ramsey Medical Center** St. Paul, MN July 1982 – July 1986

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**

**Editorships/Journal Reviewer/Study Section Experience**

2021 BMC Health Services Research – Journal Reviewer

2021 Risk Management and Healthcare Policy – Journal Reviewer

2021 Journal of Health Care for the Poor and Underserved – Journal Reviewer

2015-2023 Journal of Family Medicine and Community Health – Editorial Board

2017-2020 Journal of Family Medicine and Community Health – Journal Reviewer

2014-2020 American Journal of Preventive Medicine – Journal Reviewer

2010-2020 Journal of Public Health Management and Practice – Journal Reviewer

2015-2020 American Journal of Public Health- Journal Reviewer

2020 American Journal of Public Health – Supplemental Issue Guest Editors

2020 International Journal of Environmental Research and Public Health – Journal Reviewer

2020 American Public Health Association Annual Meeting – Abstract Reviewer

2020 Heinz Family Foundation Health Care Award – Award Reviewer

2020 Pediatrics – Journal Reviewer

2020 National Health Interview Survey, CDC – Grant Reviewer

2020 Journal of Hospital Management and Health Policy – Editorial Board

2016-2020 BMJ Quality & Safety – Journal Reviewer

2017 Academy Health – Journal Reviewer

2015 National Institute for Health Research – Journal Reviewer

2013 British Journal of Medicine and Medical Research – Journal Reviewer

2003-2012 Patient Centered Outcomes Research Institute- Grant Reviewer

 Journal of Public Health Management & Practice – Journal Reviewer

 Croatian Medical Journal – 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

***Refereed Journal Articles***

***In Review for 2021***

Riley WJ, Saxon M, Love K, Phillips M, McCullough J. Estimating Burden of Illness. *Vox Sanguinis*. 2021. In Review.

Mays G, Halverson P, Riley W. Estimating the Health and Economic Effects of a Statewide Initiative to Improve Public Health Systems Capabilities. 2021. *Inquiry.* In Review.

Riley WJ, Love K, Harootunian G, Doherty M. Designing Episode of Care Bundles to Improve Oral Health Access and Prevention. *Community Dentistry and Epid.* 2021. In Review.

Riley WJ, Phillips M, Leard D, Love K, Saxon M, Robertson J. Designing Preventive Care Bundles for Pediatric Primary Care Dental Clinics. *Journal of the American Dental Association*. 2021. In Review.

Riley WJ, Saxon M, Taylor S, Davis S. Applying Human Factor Science Team Training to Law Enforcement. *Policing: A Journal of Policy and Practice.* 2021. In Review.

***Published***

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.* 2021. Accepted with Revisions for Publication.

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. Available from: <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, Prodeedings of the 2017 Annual Meeting, Computational Social Science Society of the Americas, 2017.

Gonnering, R, Riley, W: The Complex Relationship Between Health Outcomes and Health Factors in the Pacific Northwest. Putting Systems and Complexity Sciences into Practice, in, Sturmberg JP  (ed): Putting Systems and Complexity Science into Practice,  Springer International Publishing AG, pp 177-187

Gonnering R, Riley W. The paradoxical “Hispanic Paradox”: The dark side of acculturation. Emergence: Complexity and Organization. 2017 Dec 31 [last modified: 2018 Apr 22]. Edition 1.

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. *SCTPLS Newsletter*. 2017; 25(2): 8-10.

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. *Am J Prev Med*. 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.

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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.

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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, William "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.

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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," *Am J Prev Med*. 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).

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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.

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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.

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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.

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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.

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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.

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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.

Riley, W., Hanson, H., Gurses, A., Davies, S., Miller, K., and Priester, R. “The Nature, Characteristics, and Patterns of Perinatal Critical Events Teams.” *Advances in Patient Safety: New Directions and Alternative Approaches*. Agency for Healthcare Research and Quality Publication (AHRQ), Rockville, MD. 2008 Vol. 3, pp 131-144.

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***Book Chapters***

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Riley W, Love K. “In Situ Simulation: Communication and Team Training.” Expert’s Corner. In: Kristina Goff KL, Ambardekar AP, Deutsch ES. “Optimizing Education with In Situ Simulation.” In: Maxworthy JC, Epps CA, Okuda Y, Mancini ME, Palaganas JC (eds.) 2nd edition. *Defining Excellence In Simulation Programs*. Wolters Kluwer, Philadelphia, Pennsylvania. 2022, pg. 198, Chapter 3.1

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***Presentations and Contributed Papers Presented at Professional Meetings, and Conferences***

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, Riley W, Love K. 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 300 Presentations

***Board of Directors***

2017 – Present Northern Arizona Health System, Flagstaff, AZ

 Chair, Board of Directors, 2021

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 - Present Northern Arizona Foundation, Flagstaff, AZ

2020- Present Solari (Previously Crisis Response Network), Phoenix, AZ

 Advisory Board

2020-Present MDC Project, Center for Health Information Research, ASU (Advisory Board)

2020-Present North Country Health Care Family Medicine Residency Program, Flagstaff, AZ (Advisory Board)

2015 – 2018 Foundation for the Public Health, Washington, DC

2007 – Present 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 Submitted in 2022***

Principle Investigator: William Riley

Title: Establishing the National Blood Information Center: a National Data Warehouse for the United States Blood System (Submitted January 18, 2022)

Sponsor: Vitalant

Project Period: 3/1/2022 – 3/1/2024; Total Costs: $1,500,000

Summary: The goalof this project is to create and operate the National Blood Information Center (NBIC) to provide timely, relevant, and meaningful data regarding the blood inventory as well as the supply and demand trends in the United States.

Principle Investigator: William Riley (To be Submitted February 2022)

Title: Introduction of the Buffy Coat Platelet Process in the United States

Sponsor: Biomdical Advanced Research and Development Authority (BARDA)

Project Period: Total Costs: $20,000,000

Summary: This proposal is to conduct a comprehensive study to establish the importance of introducing the Buffy Coat (BC) platelet production system into the United States and conducting a demonstration project.

Principle Investigator: Michael Yudell, (William Riley, Co-PI) (To be Submitted January 21, 2022)

Title: A Regional Consortium to Establish a Regional Public Health Training Center in the Southwest

Sponsor: California State Long Beach, HRSA

Project Period: Total Costs: $946,087 (Sub-award)

Summary: Establish a regional consortium for a regional public health raining center.

***Research Grants Submitted in 2021***

Principle Investigator: William Riley

Title: The Valleywise Health Training and Learning for Resiliency (VHTL-R) Program

Sponsor: Health Resources & Services Administration

Project Period: 12/1/21-12/1/24 Total Costs: $2,000,000

Summary: Burnout of healthcare professionals, students, and public safety officers is at epidemic levels, especially among those who treat underserved communities and populations. The purpose of the project is to develop and implement a comprehensive program to promote resiliency and improve the work environment to enhance teamwork and decrease burnout.

Principle Investigator: William Riley

Title: The Arizona Public Health Informatics Training (PHIT) Program

Sponsor: Health & Human Services

Project Period: 9/14/21-9/13/25 Total Costs: $6,851,614

Summary: The purpose of this proposed project is to develop and launch the Arizona Public Health Informatics and Technology (AzPHIT) Workforce Development Program to train public health informatics professionals to help create a more robust local public health informatics infrastructure, emphasizing underserved communities and underrepresented minorities. An expanded public health informatics workforce is critical to responding to public health crises, helping address racial and ethnic inequities, and to building and supporting a more robust public health infrastructure with proficiency in large datasets to improve and support public health efforts.

Principle Investigator: William Riley

Title: Preventing Veteran Suicide in Arizona through Community-Based Upstream Interventions

Sponsor: Centers for Disease Control and Prevention (CDC)

Amount: $4,935,953

Summary: The purpose of this project is to reduce the veteran suicide rate in Arizona using a comprehensive public health approach to identify vulnerable populations supplemented with novel techniques to assess suicide risk and protective factors

Principle Investigator: William Riley

Title: Improve Outcomes and Reduce Disparities for Persons with Behavioral Health Disorders through a Health Care System Approach

Sponsor: PCORI

Project Period: 3/1/22-3/1/27 Total Costs: $5,068,612

Summary: The goal of the proposed research is to expand the evidence base to improve outcomes and reduce disparities for persons with behavioral health disorders (BHDs) through a health care system approach.

Principle Investigator: William Riley

Title: Stimulant Overdose Prevention Grant

Sponsor: CDC

Project Period: 9/30/21-9/29/24 Total Costs: $2,175,000

Summary: Illicit stimulant use, overdoses, and overdose fatalities have been steadily increasing and disproportionately impact criminal justice system-involved individuals. The goal of this study is to improve outcomes for incarcerated individuals with a history of illicit stimulant use and expand the evidence base regarding the effectiveness of a novel tertiary prevention approach for incarcerated individuals to reduce illicit stimulant use and overdoses

Principle Investigator: George Runger (William Riley, Co-PI)

Title: Telemedicine Utilization in Arizona: Investigating Access Inequities to Telehealth Resources for Underserved Populations

Sponsor: Tohono Oodham COVID Relief

Project Period: 7/1/2021 – 7/1/2022

Total Costs: $98,500

Summary: The purpose of this project is to evaluate telemedicine utilization in Arizona to understand inequities in access to telehealth resources for underserved populations.

Principle Investigator: William Riley

Title: Development of an Interprofessional Harm Reduction Training Program

Sponsor: Alkermes Inspiration Grant

Project Period: 9/1/2021 – 9/1/2022

Total Costs: $148,826.45

Summary: The purpose of this proposed project to develop and introduce an in-depth evidence-based harm reduction curriculum and interprofessional training program.

Principle Investigator: William Riley

Title: Oral Health Transformation in Federally Qualified Health Centers

Sponsor: Arizona Alliance for Community Health Centers (AACHC)

Project Period: 1/30/21 – 11/30/21

Total Costs: $100,000

Summary: The purpose of this proposed project to develop and introduce an in-depth evidence-based harm reduction curriculum and interprofessional training program.

**Research and Training Grants Awarded in 2021**

Principle Investigator: William Riley

Title: Quality Improvement Collaborative for Physical Health/Behavioral Health Integration

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 Costs: $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: A Comprehensive Harm Reduction Strategy for Arizona

Sponsor: Substance Abuse and Mental Health Services Administration

Project Period: 12/1/2021 – 12/1/2024

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

Summary: Our proposal seeks 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 – 6/30/2024

Total Costs: $1,920,000

Summary: The purpose of the BHWET Program for Professionals is to develop and expand experiential training opportunities, such as field placements and internships, to improve the distribution and supply of the behavioral health workforce

Principle Investigator: Matthew Martin (William Riley, Co-PI)

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 Costs: $118,000

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

Principle Investigator: Matthew Martin (William Riley, Co-PI)

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

Sponsor: Swette Foundation

Project Period:

Total Costs: $50,000

Summary: Using GIS to determine service need 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.

**Research and Training Grants Awarded Pre-2021**

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

Project Period: 1/1/20 – 12/31/23

Total Costs: $1,572,000 (Subaward $720,000)

Summary: Aims to 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

Project Period: 3/1/20 – 12/31/21

Total Costs: $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

Sponsor: Arizona Health Care Cost Containment System

Project Period: 10/1/19 – 10/1/23; Total Costs: $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

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

Total Costs: $1,000,000

Summary: This project will 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.

Investigator Status: Principal Investigator

Investigator Status: Principal Investigator

Name of Principle Investigator: William Riley

Title: Positioning the National Safety Net Advancement Center for Sustainability

Sponsor: Robert Wood Johnson Foundation

Project period: 10/15/17 – 5/1/2020; Extension: 5/2/2020 – 6/31/21

Total costs: $1,500,000

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: DoD

Project Period: 9/1/2018-9/30/2023

Total Costs: $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.

Principle Investigator: William Riley

Title: Advancing Value-Based Care in Oral Health

Sponsor: DentaQuest Institute

Project Period: 5/1/2018 – 12/1/18

Total Costs: $20,000

Summary: The aim of this demonstration project is to 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.

Principle Investigator: Matthew Martin

Title: Established Translational Team – Multimorbidity

Sponsor: College of Health Solutions

Project Period: 12/1/18 – 12/31/19

Total Costs: $18,000

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

Investigator Status: Principal Investigator

Principle 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 Costs: $36,000

Summary: This project will establish a center of excellence for advancing oral health value-based care at Arizona State University.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $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.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $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.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $1,000,000

This project will 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.

Investigator Status: Principal Investigator

Name of Principle Investigator: William Riley

Title: Healthy Babies Evaluation

Sponsor: Medica Research Institute

Project period: 2/1/14 – 1/31/15

Total costs: $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 will test whether this policy change was effective in reducing pre-term elective induction of labor in Texas versus several other states without this policy change.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $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.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $28,500

Prepare and present a 2 day 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. The workshop will also be structured in a way to gain experience introducing a QI project within the San Francisco Department of Public Health.

Investigator Status: Principal Investigator

Name of Principle 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 costs: $1,052,397

Our 5-month operational plan is broken into four phases: start-up (Pre-Phase); assessment and planning (Phase One); detailed analysis (Phase Two); and active technical assistance, training, and capacity building (Phase III). HEFD will be engaged throughout the study for institutionalization of processes and

results and recommendations.

Investigator Status: Collaborator

Name of Principle Investigator: Sherine Gabriel

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

Sponsor: Mayo Medical School

Prime sponsor: The American Medical Association

Project period: 6/1/13 – 5/31/18

Total costs: $1,000,000

The goal of this project is to design, implement and disseminate a new model of undergraduate medical education in order to prepare the next generation of physicians to practice within patient-centered, community/population-oriented, science-driven, collaborative care teams delivering high value care. The Mayo Medical School will develop, a cross-cutting, longitudinal model for Science of Health Care Delivery (SHCD) that trains students in inter-professional teams providing patient-centered and community/population-oriented, science-driven, high value care across the health care system.

Investigator Status: Collaborator

Name of Principle Investigator: Sherine Gabriel

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

Sponsor: Mayo Medical School

Prime Sponsor: The Kern Foundation

Project period: 11/1/13 – 6/1/17

Total costs: $3,000,000

This project will develop an on-line certificate program in the Science of Health Care Delivery (SHCD). The course will be made available nationally and internationally. The collaborators will also develop an introductory course to SHCD principles for health care providers and students of health care delivery. The goal is to rapidly codify and disseminate the knowledge physicians of the future will require to successfully practice tomorrow’s medicine and form a platform for further exploration, understanding and dissemination of health care delivery improvement principles.

Investigator Status: Co-Principal Investigator

Name of Co-Principle Investigator: Hector Rodriquez

External Agency: 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

Name of Co-Principle Investigator: M. Elizabeth Gyllstrom

External Agency: 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: The goal of this study is to provide policymakers, both within Minnesota and nationally, with information related to the implementation of a wide-spread, evidence-based intervention strategy by local health departments. The study will link data on the structure, financing and capacity of Minnesota local health departments with survey results related to authority of the local health official and maturity of organizational quality improvement.

Investigator Status: Co-Principal Investigator

Name of Co-Principle Investigator: Kim Gearin (PI)

External Agency: 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: The purpose of this study is to test measures of quality improvement (QI) processes within state and local health departments in Minnesota relative to a conceptualization of “mature” or "full implementation" of QI based on models in the professional literature and consistent with professional knowledge. These QI quality measures will then be used in a comparative analysis to examine how contextual variables (such as population size served, governance and organizational structure, and staffing and financial characteristics of the health agency) are related to the quality of QI implementation.

Investigator Status: Senior Consultant

Co-PIs: David Palm, PhD, and Li-Wu Chen, PhD

External Agency: Public Health Practice-Based Research Network National Coordinating Center

Project Title: Examining the Relationship between Quality Improvement and Accreditation

Strategies for Regional Local Health Departments in Nebraska

Period: 10/1/11 – 12/31/12

Costs submitted:

Purpose: This project has two specific aims: 1.) to identify the strengths and weaknesses in essential service areas and to examine the readiness for accreditation for regional local health departments in Nebraska; 2.) to examine the relationship between quality improvement strategies and accreditation for regional local health departments in Nebraska in order to inform how quality improvement and accreditation strategies can be better integrated.

Investigator Status: Lead for Cost Effectiveness Evaluation

External Agency: 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

Name of PI: Kim Gearin

External Agency: 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: 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 that continues a previous study related to 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. Also assesses the readiness for accreditation

Investigator Status: Principal Investigator

External Agency: 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: $49,999.00

Purpose: Develop a logic model for the science of quality improvement in public health, and create a taxonomy for QI in public health using the Logic Model. This taxonomy will be the first effort in Public Health to analyze and categorize the types of QI models used in public health departments, the processes studied, the metrics employed, and the process failures identified. Equally important, it will provide a framework for better understanding how health department processes affect health outcomes in community populations.

Investigator Status: Principal Investigator

External Agency: 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, and a comparative analysis of local public health performance via survey of local public health officials in Minnesota.

Investigator Status: Principal Investigator

External Agency: 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: An applied research project to study the determinants of computed tomography (CT) scan utilization. Despite the low risk of one procedure, this risk increases as numerous additional studies are performed. Preliminary data analysis indicates that a small subset of Medica members receive an extremely large number of CT scans in a year (more than 200 members each receive over 20 CT scans annually). The study will develop a CT utilization profile and validate best practices through a literature review and through expert opinion.

Investigator Status: Co- Investigator

External Agency: 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 that was established by Medica Health Plans in October 2000 and designed to encourage Medicaid beneficiaries to obtain the clinically-recommended level of well-baby care and preventive check-ups for their children. The effectiveness of this variable in generating an appropriate visit during the time of the incentive will be evaluated using a modified differences-in-differences regression equation. Estimates of the number of visits generated by the incentive will be calculated to determine the incentive cost per additional visit.

Investigator Status: Co-Investigator

External Agency: 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

External Agency: 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

Name of PI: Kim Gearin

External Agency: 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

Name of PI: William Riley

External Agency: 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

Name of PI: Mary Davis

External Agency: 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

External Agency: Centers for Disease Control and Prevention

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

CreatingHigh 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

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

External Agency: 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

External Agency: 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

External Agency: Chisago 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

External Agency: 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

Name of PI: Kim Gearin

External Agency: 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

External Agency: 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

External Agency: 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

Name of PI: Karyn Baum

External Agency: 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

External Agency: 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

External Agency: 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

External Agency: 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

External Agency: 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

Name of PI: Melissa Avery

External Agency: 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

External Agency: 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

External Agency: 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

External Agency: 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

External Agency: 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.