

Dan M. Shane, PhD

College of Public Health Curriculum Vitae
Department of Health Management and Policy
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March 2026

Educational and Professional History

Degrees Earned

- 1997 BS in Economics, Bradley University, Peoria, Illinois
- 2010 MA in Economics, Indiana University, Bloomington, Indiana
- 2012 PhD in Economics, Indiana University, Bloomington, Indiana
Minor: Health Economics, Applied Econometrics

Employment History

- 2008 - 2010 Teaching Assistant, Department of Economics, Indiana University, Bloomington, Indiana
- 2008 - 2011 Instructor, Department of Economics, Indiana University, Bloomington, Indiana
- 2012 Instructor, College of Public Health, Department of Health Management and Policy, The University of Iowa, Iowa City, Iowa
- 2012 - 2018 Assistant Professor (primary appointment), Department of Health Management and Policy, College of Public Health, The University of Iowa, Iowa City, Iowa
- 2013 - 2018 Assistant Professor (complimentary appointment), Department of Economics, Henry B. Tippie College of Business, The University of Iowa, Iowa City, Iowa
- 2020 - 2022 Interim Director, Masters in Health Administration Program, Department of Health Management and Policy, College of Public Health, The University of Iowa, Iowa City, Iowa
- 2020 - 2024 Senior Research Fellow, Public Policy Center, The University of Iowa, Iowa City, Iowa
- 2018 - Present Associate Professor (complimentary appointment), Department of Economics, Henry B. Tippie College of Business, The University of Iowa, Iowa City, Iowa
- 2018 - Present Associate Professor (primary appointment), Department of Health Management and Policy, College of Public Health, The University of Iowa, Iowa City, Iowa

Honors and Awards

- 2007 - 2008 Graduate Fellowship, Department of Economics
- 2011 W. Philip Saunders Outstanding Introductory Associate Instructor Award, Indiana University
- 2014 New Investigator Research Award, College of Public Health
- 2019 Excellence in Mental Health Policy and Economics Research Award, The Journal of Mental Health Policy and Economics, Italy

2018 - 2020	NIH Loan Repayment Award, National Institute on Minority Health and Health Disparities
2021	Faculty Teaching Award, College of Public Health
2022	President and Provost Award for Teaching Excellence (nominated)

Teaching

Course Teaching

University of Iowa

Spring 2013	Independent Study: Cost-Effectiveness and Decision Analysis, HMP:280:001, Percent of Course: 100.0%
Fall 2013	Cost Effectiveness and Decision Analysis, HMP:228:001, Credit Hours: 3, Enr: 10, Percent of Course: 100.0%
Spring 2014	Analytics for Health Care Management, HMP:219:001, Credit Hours: 3, Enr: 25, Percent of Course: 100.0%
Spring 2014	Dental Care Policy and Financing, DPH:214:001, Credit Hours: 2, Enr: 5, Percent of Course: 50.0%
Fall 2014	Cost-Effectiveness and Decision Analysis, HMP:228:0001, Credit Hours: 3, Enr: 14, Percent of Course: 100.0%
Spring 2015	Analytics for Health Care Management, HMP:5320:0001, Credit Hours: 3, Enr: 27, Percent of Course: 100.0%
Spring 2015	Analytics for Health Care Management, HMP:5320:0EXW, Credit Hours: 3, Enr: 11, Percent of Course: 100.0%
Fall 2015	Cost Effectiveness and Decision Analysis, HMP:7550:0001, Credit Hours: 3, Enr: 15, Percent of Course: 100.0%
Spring 2016	Analytics for Health Care Management, HMP:5320:0001, Credit Hours: 3, Enr: 25, Percent of Course: 100.0%
Spring 2016	Analytics for Health Care Management, HMP:5320:0002, Credit Hours: 3, Enr: 9, Percent of Course: 100.0%
Spring 2016	Dental Care Policy and Financing, DPH:5014:0014, Credit Hours: 2, Enr: 5, Percent of Course: 50.0%
Fall 2016	Cost Effectiveness and Decision Analysis, HMP:7550:0001, Credit Hours: 3, Enr: 17, Percent of Course: 100.0%
Spring 2017	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 25, Percent of Course: 100.0%
Spring 2017	Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 11, Percent of Course: 70.0%
Fall 2017	Cost Effectiveness and Decision Analysis, HMP:7550:0001, Credit Hours: 3, Enr: 17, Percent of Course: 100.0%
Spring 2018	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 22, Percent of Course: 100.0%

Spring 2018 Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 11, Percent of Course: 70.0%

Spring 2018 Dental Care Policy and Financing, DPH:5014:0014, Credit Hours: 2, Percent of Course: 100.0%

Fall 2018 Public Health as a Public Good, CPH:3220:0001, Credit Hours: 3, Enr: 14

Spring 2019 Analytic Issues Health Svc Research II, HMP:7965:0001, Credit Hours: 3, Enr: 8, Percent of Course: 100.0%

Spring 2019 Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 24, Percent of Course: 100.0%

Spring 2019 Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 15, Percent of Course: 70.0%

Spring 2019 Independent Study and Research, HMP:6850:4143, Enr: 1, Percent of Course: 100.0%

Spring 2020 Dental Care Policy and Financing, DPH:5014:0001, Credit Hours: 2, Enr: 5, Percent of Course: 100.0%

Spring 2020 Thesis/Dissertation, HMP:7990:7947, Enr: 1, Percent of Course: 100.0%

Spring 2020 Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 14, Percent of Course: 70.0%

Spring 2020 Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 28, Percent of Course: 100.0%

Fall 2020 M.H.A. Internship, HMP:5810, Credit Hours: 1, Enr: 26, Percent of Course: 100.0%

Fall 2020 Ph.D. Independent Research, HMP:7930, Credit Hours: 3, Enr: 1, Percent of Course: 100.0%

Fall 2020 Professional Development Seminar, HMP:5000:0001, Credit Hours: 1, Enr: 53, Percent of Course: 100.0%

Spring 2021 Analytic Issues Health Svc Research II, HMP:7331:0001, Credit Hours: 3, Enr: 7, Percent of Course: 100.0%

Spring 2021 Analytic Issues Health Svc Research II, HMP:7965:0001, Credit Hours: 3, Enr: 7, Percent of Course: 100.0%

Spring 2021 Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 26, Percent of Course: 100.0%

Spring 2021 Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 9, Percent of Course: 70.0%

Fall 2021 Administrative Practicum, HMP:6855, Credit Hours: 3, Enr: 2, Percent of Course: 100.0%

Fall 2021 M.H.A. Internship, HMP:5810, Credit Hours: 1, Enr: 26, Percent of Course: 100.0%

Fall 2021 Public Health as a Public Good, CPH:3220, Credit Hours: 3, Enr: 23, Percent of Course: 100.0%

Fall 2021 Independent Study and Research, HMP:6850, Enr: 1, Percent of Course: 100.0%

Spring 2022 Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 26, Percent of Course: 100.0%

Spring 2022	Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 11, Percent of Course: 70.0%
Fall 2022	Cost Effectiveness and Design Analysis, HMP:7550:0001, Credit Hours: 3, Enr: 15, Percent of Course: 100.0%
Spring 2023	Analytic Issues Health Svc Research II, HMP:7965:0001, Credit Hours: 3, Enr: 11, Percent of Course: 100.0%
Spring 2023	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 28, Percent of Course: 100.0%
Spring 2023	Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 8, Percent of Course: 70.0%
Fall 2023	Public Health as a Public Good, CPH:3220, Credit Hours: 3, Enr: 31, Percent of Course: 100.0%
Spring 2024	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 18, Percent of Course: 100.0%
Spring 2024	Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 8, Percent of Course: 70.0%
Spring 2025	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 22, Percent of Course: 100.0%
Spring 2025	Analytics for Healthcare Management, HMP:5320:0002, Credit Hours: 3, Enr: 6, Percent of Course: 70.0%
Spring 2025	Analytic Issues Health Svc Research II, HMP:7965:0001, Credit Hours: 3, Enr: 6, Percent of Course: 100%
Fall 2025	Cost Effectiveness and Decision Analysis, HMP:7550:0001, Credit Hours: 3, Enr: 20, Percent of Course: 100%
Spring 2026	Analytics for Healthcare Management, HMP:5320:0001, Credit Hours: 3, Enr: 23, Percent of Course: 100.0%
Spring 2026	Analytics for Healthcare Management, HMP:5320:0EXW, Credit Hours: 3, Enr: 8, Percent of Course: 100.0%

Other Institutions

Summer 2008	Principles of Microeconomics, ***:***:***, Indiana University, Percent of Course: 100.0%
Fall 2008	Intermediate Microeconomics, ***:***:***, Indiana University, Percent of Course: 100.0%
Spring 2009	Principles of Microeconomics, ***:***:***, Indiana University
Fall 2009	Principles of Microeconomics, ***:***:***, Indiana University
Spring 2010	Principles of Microeconomics, ***:***:***, Indiana University
Summer 2010	Principles of Microeconomics, ***:***:***, Indiana University
Fall 2010	Principles of Macroeconomics, ***:***:***, Indiana University
Spring 2011	Public Finance, ***:***:***, Indiana University
Summer 2011	Principles of Macroeconomics, ***:***:***, Indiana University
Fall 2011	Public Finance, ***:***:***, Indiana University

Scholarship/Professional Productivity

Publications or creative works

Peer-reviewed papers and journal articles

1. Shane, D. & Trivedi, P. K. (2013). Heterogeneity and Health Insurance: Analyzing the Importance and Diversity of Selection Bias and Incentives in a Treatment-Effects Model.
2. Shane, D. M. & Ayyagari, P. (2014). Will health care reform reduce disparities in insurance coverage?: Evidence from the dependent coverage mandate. *Medical Care* 52 (6) 528-34. [DOI: 10.1097/MLR.000000000000134](https://doi.org/10.1097/MLR.000000000000134). [PMID: 24783993](https://pubmed.ncbi.nlm.nih.gov/24783993/).
ISSN: 0025-7079
3. Ayyagari, P. & Shane, D. (2015). Does Prescription Drug Coverage Improve Mental Health? Evidence from Medicare Part D. *Journal of Health Economics* 41 46-58. [DOI: 10.1016/j.jhealeco.2015.01.006](https://doi.org/10.1016/j.jhealeco.2015.01.006). [PMID: 25666229](https://pubmed.ncbi.nlm.nih.gov/25666229/).
4. Shane, D. M. & Ayyagari, P. (2015). Spillover Effects of the Affordable Care Act? Exploring the Impact on Young Adult Dental Insurance Coverage. *Health Services Research* 50 (4) 1109-24. [DOI: 10.1111/1475-6773.12266](https://doi.org/10.1111/1475-6773.12266). [PMID: 25483853](https://pubmed.ncbi.nlm.nih.gov/25483853/). [PMCID: PMC4545349](https://pubmed.ncbi.nlm.nih.gov/PMC4545349/).
ISSN: 0017-9124
5. Feazel, L., Schlichting, A. B., Bell, G. R., Shane, D. M., Ahmed, A., Faine, B., Nugent, A. & Mohr, N. M. (2015). Achieving regionalization through rural interhospital transfer. *The American Journal of Emergency Medicine* 33 (9) 1288-96. [DOI: 10.1016/j.ajem.2015.05.032](https://doi.org/10.1016/j.ajem.2015.05.032). [PMID: 26087707](https://pubmed.ncbi.nlm.nih.gov/26087707/).
ISSN: 0735-6757
6. N. Mohr, K. Harland, S. Miller, J. Torner, & **D. Shane**. (2016). "Potentially Avoidable Interfacility Transfer is a Costly Burden for Rural Families" *Academic Emergency Medicine*, 23(8), 885-894.
7. Shane, D. & Trivedi, P. K. (2016). Temporary versus Continuous Lack of Health Insurance: Distinction with a Difference?.
8. Shane, D. M. (2016). The Specialist Will See You Now: Evidence of the Effect of Private Health Insurance on the Ratio of Specialist to Primary Care Doctor Visits.
9. Ayyagari, P., Shane, D. M. & Wehby, G. L. (2016). The Impact of Medicare Part D on Emergency Department Visits. *Health Economics Epub ahead of print*. [DOI: 10.1002/hec.3326](https://doi.org/10.1002/hec.3326). [PMID: 26865471](https://pubmed.ncbi.nlm.nih.gov/26865471/).
ISSN: 1057-9230
10. Weigel, P. A., Ullrich, F., Shane, D. M. & Mueller, K. J. (2016). Variation in Primary Care Service Patterns by Rural-Urban Location. *The Journal of Rural Health* 32 (2) 196-203. [DOI: 10.1111/jrh.12146](https://doi.org/10.1111/jrh.12146). [PMID: 26376210](https://pubmed.ncbi.nlm.nih.gov/26376210/).
ISSN: 0890-765X
11. Shane, D. M., Nguyen-Hoang, P., Bentler, S. E., Damiano, P. C. & Momany, E. T. (2016). Medicaid Health Home Reducing Costs and Reliance on Emergency Department: Evidence From Iowa. *Medical care* 54 (8) 752-7. [DOI: 10.1097/MLR.000000000000555](https://doi.org/10.1097/MLR.000000000000555). [PMID: 27116110](https://pubmed.ncbi.nlm.nih.gov/27116110/).
ISSN: 0025-7079
12. Shane, D. M., Ayyagari, P. & Wehby, G. (2016). Continued Gains in Health Insurance but Few Signs of Increased Utilization: An Update on the ACA's Dependent Coverage Mandate. *Medical care research and review : MCRR* 73 (4) 478-92. [DOI: 10.1177/1077558715617066](https://doi.org/10.1177/1077558715617066). [PMID: 26613701](https://pubmed.ncbi.nlm.nih.gov/26613701/).
ISSN: 1077-5587
13. Mohr, N. M., Harland, K. K., Shane, D. M., Miller, S. L. & Torner, J. C. (2016). Potentially Avoidable Pediatric Interfacility Transfer is a Costly Burden for Rural Families. *Academic Emergency Medicine* 23 (8) 885-94. [DOI: 10.1111/acem.12972](https://doi.org/10.1111/acem.12972). [PMID: 27018337](https://pubmed.ncbi.nlm.nih.gov/27018337/).
ISSN: 1069-6563

32. Steelman, V. M., Schaapveld, A. G., Storm, H. E., Perkhounkova, Y. & Shane, D. M. (2019). The Effect of Radiofrequency Technology on Time Spent Searching for Potentially Retained Surgical Sponges. *AORN Journal*.
33. Shane, D. M. & Ayyagari, P. (2019). Heterogeneity in Medicare Part D's Effect on Self-Reported Mental Health: Women Improving More than Men.
34. Shane, D. & Zimmer, D. M. (2019) Does Health Insurance Always Increase Health Spending? Evidence on Distributional Effects from Inpatient Hospital Stays. *Journal of Economics and Statistics*.
35. Shane, D. M. & Wehby, G. L. (2020). Affordable Care Act Spillover Gains to Private Dental Coverage for Dependents Widely Shared but Limited Evidence of Increased Utilization. *The Journal of the American Dental Association*.
36. Shane, D. M. & Wehby, G. L. (2020). Were Patient Protection and Affordable Care Act spillover gains to private dental coverage for dependents widely shared?: An analysis using Medical Expenditure Panel Survey data. *Journal of the American Dental Association (1939)* 151 (3) 182-189. DOI: [10.1016/j.adaj.2019.11.014](https://doi.org/10.1016/j.adaj.2019.11.014). PMID: [32130947](https://pubmed.ncbi.nlm.nih.gov/32130947/). PMCID: [PMC7332221](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC7332221/). ISSN: 0002-8177
37. Lyu, W., Shane, D. M. & Wehby, G. L. (2020). Effects of the Recent Medicaid Expansions on Dental Preventive Services and Treatments. *Medical care* 58 (8) 749-755. DOI: [10.1097/MLR.0000000000001344](https://doi.org/10.1097/MLR.0000000000001344). PMID: [32692142](https://pubmed.ncbi.nlm.nih.gov/32692142/). PMCID: [PMC8211012](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC8211012/). ISSN: 0025-7079
38. Semprini, J., Lyu, W., Shane, D. M. & Wehby, G. L. (2020). The Effects of ACA Medicaid Expansions on Health After 5 Years. *Medical care research and review : MCRR* 1077558720972592. DOI: [10.1177/1077558720972592](https://doi.org/10.1177/1077558720972592). PMID: [33218289](https://pubmed.ncbi.nlm.nih.gov/33218289/). PMCID: [PMC8218574](https://pubmed.ncbi.nlm.nih.gov/pmc/articles/PMC8218574/). ISSN: 1077-5587
39. Stamy, C., Shane, D. M., Kannedy, L., Van Heukelom, P., Mohr, N. M., Tate, J., Montross, K. & Lee, S. (2021). Economic Evaluation of the Emergency Department After Implementation of an Emergency Psychiatric Assessment, Treatment, and Healing Unit. *Academic emergency medicine : official journal of the Society for Academic Emergency Medicine* 28 (1) 82-91. DOI: [10.1111/acem.14118](https://doi.org/10.1111/acem.14118). PMID: [32869891](https://pubmed.ncbi.nlm.nih.gov/32869891/). ISSN: 1069-6563
40. Wehby, G. L., Lyu, W. & Shane, D. M. (2022). Racial and Ethnic Disparities in Dental Services Use Declined After Medicaid Adult Dental Coverage Expansions. *Health Affairs* 41 (1) 44-52.
41. Shane, D. M., Wehby, G. L. & Lyu, W. (2022) Effects of Insurance Expansions on Mental Health Outcomes.
42. Mohr, N. M., Schuette, A. R., Ullrich, F., Mack, L. J., DeJong, K., Camargo Jr., C. A., Zachrison, K. S., Boggs, K. M., Skibbe, A., Bell, A., Pals, M., **Shane, D. M.**, Carter, K. D., Merchant, K. A., Ward, M. M. (2022) An Economic and Health Outcome Evaluation of Telehealth in Rural Sepsis Care: A Comparative Effectiveness Study. *J Comp Eff Res.* 11(10):703-716. PMID:35608080. doi: 10.2217/cer-2022-0019.
43. Ward, M. M., Carter, K. D., Bhagianadh, D., Ullrich, F., Merchant, K. A., Marcin, J. P., Law, K. B., McCord, C., Neufeld, J., Nelson, E. & **Shane, D. M.** (2023) Comparison of Telehealth and In-Person Behavioral Health Services and Payment in a Large Rural Multisite Usual Care Study. *Telemedicine and e-Health.* 29(11):1613-1623. PMID:37036816. doi: 10.1089/tmj.2022.0445.
44. Shane, D. M., Wehby, G. L. & Lyu, W. (2023) Medicaid Expansion and Emergency Department Utilization: Assessing Effects Based on Patient Reported Type of Care.
45. Shane, D. M., Lyu, W. & Wehby, G. L. (2023) Effects of the Affordable Care Act Pediatric Dental Benefits Mandate on Children's Private Dental Insurance and Use of Services.
46. Ortega-Verdugo, P., Warren, J. J., Gaeth, G. J., Carter, K., Kateeb, E., Kolker, J. L., **Shane, D. M.** (2023) Assessing the Acceptability of Less Invasive Caries Removal Techniques for treating Deep Carious Lesions: A Conjoint Survey among Dentists Practicing in a Midwestern American State. *Caries Res.* 57(3):243-254. PMID: 37699363. doi: 10.1159/000533658.

47. **Shane, D. M.** (2024) Trends in Prescription Utilization for Mental Health Disorders among Older Adults, *Public Policy and Aging Report*, 34(2), 59-64.
48. Mohr, N. M., Young, T., Vakkalanka, J. P., Carter, K. D., **Shane, D. M.**, Ullrich, F., Schuette, A. R., Mack, L. J., DeJong, K., Bell, A., Pals, M., Camargo Jr., C. A., Zachrison, K. S., Boggs, K. M., Skibbe, A., Ward, M. M. (2024) Provider-to-provider telehealth for sepsis patients in a cohort of rural emergency departments. *Acad Emerg Med*. 31(4):326-338. PMID: 38112033. doi: 10.1111/acem.14857.
49. Nwakchukwu, P. C., Damiano, P. C., Levy, S., Thomas, J. C., **Shane, D.**, Singhal, A., Dabdoub, S. M., Reynolds, J. C. (2024) Variation in Dentist Participation between Dental Medicaid Managed Care Organizations. *Journal of Public Health Dentistry*, 84(4) 362-370. doi: 10.1111/jphd.12636
50. Schlaepfer, C. H., Hansen, S. C., **Shane, D. M.**, Erickson, B. A. (2025) Determining the Severity of Benign Urologic Health States in Men Using Utilities Measures. *Urology*. 184-190.
51. Shehu, E., Kaskie, B., Ohms, K., Liebszeit, D., Ashida, S., Buck, H. G., **Shane, D. M.** (2025) Estimating Cost Savings of Care Coordination for Older Adults: Evidence from the Iowa Return to Community (ITRC) Program. *Population Health Management*. 28(1):22-30. doi: 10.1089/pop.2024.0192.

Non-peer-reviewed journal articles

1. Shane, D., Damiano, P. & Bentler, S. (2013). The Health Insurance Marketplace in Iowa: The Business Perspective.
2. Shane, D., Mackinney, A., Ulrich, F., Mueller, K. J. & Weigel, P. (2013). Assessing the Impact of Rural Provider Service Mix on the Primary Care Incentive Program. *Rural Policy Brief* 2013-16.
3. Damiano, P., Bentler, S. & Shane, D. (2013). The Health Insurance Marketplace in Iowa: The Consumer Perspective.
4. Momany, E., Nguyen-Hoang, P., Damiano, P., Bentler, S. & Shane, D. (2014). Cost Analyses of the Iowa Medicaid Health Home Program. *Iowa Medicaid Enterprise*.
5. Damiano, P. C., Shane, D., Bentler, S. E. & Momany, E. T. (2014). Post-Enrollment Challenges for Vulnerable Consumers and the Role for the Safety Net. *Commonwealth Fund Brief*.
6. Momany, E. T., Damiano, P. C., Bentler, S. E., Askelson, N. M., Nguyen-Hoang, P. & Shane, D. M. (2015). Summary Report of the Iowa Medicaid Health Home: Evaluation of a Health Home Program for those with Chronic Illness.
7. Damiano, P. C., McKernan, S., McInroy, B., Momany, E. T., Shane, D. M., Heeren, T., Bentler, S. E. & Pooley, M. (2015). Iowa Wellness Plan Evaluation Interim Report.
8. McKernan, S. C., Momany, E. T., Ingleshwar, A., Ayyagari, P., Singhal, A., Shane, D. M., Ghattas, A. & Damiano, P. C. (2017). Access, Utilization, and Cost Outcomes: Iowa Dental Wellness Plan Evaluation 2014-2016.
9. Changes in Service Offerings Post-System Affiliation in Rural Hospitals, with O. Oyeka, F. Ullrich, K. Mueller, (2023) *RUPRI Policy Brief 2023-2*
10. Oyeka, O., Ullrich, F., Shane, D. M. & Mueller, K. J. (2023). Changes in Service Offerings Post-System Affiliation in Rural Hospitals. (Vols. 2023). (2) *RUPRI Policy Brief*.
11. Distributional Analysis of Variation in Medicare Advantage Participation Within and Between Metropolitan, Micropolitan, and Noncore Counties, with U. Ejughemre, F. Ullrich, K. Mueller, (2023) *RUPRI Policy Brief 2023-8*.
12. Iowa Wellness Plan Evaluation Interim Report, with E. Momany, N Askelson, P. Damiano, et al., (2023) *Iowa Institute for Public Health Research and Policy*.
13. Rural Hospitals' Perspectives On Health System Affiliation, with J. James, K. Mueller (2024) *RUPRI Health Panel*.
14. Medicare Advantage Plan Growth in Rural America: Availability of Supplemental Benefits, with E. Lazaro, F. Ullrich, K. Mueller (2024) *RUPRI Policy Brief 2024-3*.
15. Evaluating Medicare Care Advantage Benchmark Setting Methodology on Rural Counties, with E. Lazaro, F. Ullrich, K. Mueller (2025) *RUPRI Policy Brief 2025-2*.

Research Interests/Current Projects

- Physician incentives
- Insurance coverage and mental health
- Impact of ACA and health care reform
- Health insurance and demand for care
- Economics of dental care
- Medical care spending and technology

Grants and Contracts

Active (Funded)

1. Iowa Health Benefit Exchange Consumer and Business Research Survey; Iowa Department of Public Health; Damiano, Peter (Principal Investigator), Shane, Dan (Co-Investigator)
 - 5883HBE05
 - Sep 1, 2012 - Oct 31, 2013
 - Amount: \$64,815.00
2. Rapid Response to Requests for Rural Data Analysis and Issue Specific Rural Research Studies; Health Resources and Services Administration Subcontract with the University of North Carolina-Chapel Hill; Shane, Dan (Co-Investigator), Mueller, Keith J (Principal Investigator)
 - UNC 6U1GRH07633
 - Jan 1, 2007 - Aug 31, 2014
 - Amount: \$456,707.00, 5% effort
3. Adult Medicaid Quality; Iowa Department of Human Services; Damiano, Peter (Principal Investigator), Shane, Dan (Co-Investigator)
 - MED-13-014
 - Mar 20, 2013 - Dec 20, 2014
 - Amount: \$298,708.00, 10% effort
4. Temporary Disruptions in Health Insurance and Emergency Department Utilization; UI College of Public Health; Shane, Dan (Principal Investigator)
 - Jan 1, 2014 - Dec 31, 2014
 - Amount: \$10,000.00
5. Implementing Safe Practices for Prevention of Perioperative Hypothermia; US Department of Health & Human Services, Agency for Healthcare Research & Quality; Shane, Dan (Co-Investigator), Steelman, Victoria (Principal Investigator)
 - 1 R18 HS021422-01A1
 - Sep 30, 2013 - Sep 29, 2015
 - Amount: \$346,041.00, 10% effort
6. Rural Health Research Grant Program Cooperative Agreement; US Department of Health & Human Services, Health Resources & Services Administration; Mueller, Keith J (Principal Investigator), Shane, Dan (Co-Investigator)
 - 2 U1 CRH20419-04
 - Jun 1, 2010 - Aug 31, 2016
 - Amount: \$3,132,494.00, 10% effort
7. Iowa Health and Wellness Plan (IHAWP) Evaluation; NIH; Damiano, Peter C (Principal Investigator), Shane, Dan M (Co-Investigator)
 - MED-15-004

- Jul 1, 2014 - Dec 31, 2017
 - 10% effort
8. Iowa's State Innovation Models (SIM); US Department of Health & Human Services; Damiano, Peter C (Principal Investigator), Shane, Dan M (Co-Investigator)
 - MED-17-011
 - Oct 1, 2015 - Jan 31, 2019
 - 10% effort
 9. National Expansion of Dental Insurance Among Young Adults: A Natural Experiment; NIH/NIDCR; Wehby, George L (Co-Investigator), Shane, Dan M (Principal Investigator)
 - 1R03DE0272-01A1
 - Sep 1, 2016 - Feb 28, 2019
 - 40% effort
 10. Evaluations for the Medicaid Health Home and Integrated Health Home Programs; Department of Health & Human Services; Damiano, Peter C (Principal Investigator), Shane, Dan M (Co-Investigator)
 - MED-17-011
 - Jul 1, 2016 - Jun 30, 2019
 - 10% effort
 11. The Impact of Recent Medicaid Expansions on Dental Services; NIH/NIDCR; Shane, Dan M (Co-Investigator), Wehby, George L (Principal Investigator)
 - 1R03DE028041-01
 - Sep 1, 2018 - Aug 31, 2020
 12. Insurance Coverage Effects on Access to Mental Health Services and Outcomes; NIH/NIMH; Himadi, Elaine (Co-Investigator), Wehby, George L (Co-Investigator), Shane, Dan M (Principal Investigator)
 - 1R21MH115253-01
 - Dec 1, 2017 - Nov 30, 2020
 - 35% effort
 13. Investigating the Effects of Mandating Pediatric Oral Health Services as Essential Health Benefits; NIH/NIDCR; Weber-Gasparoni, Karin (Collaborator), Damiano, Peter C (Collaborator), Wehby, George L (Co-Investigator), Shane, Dan M (Principal Investigator)
 - 1R03DE027756-01A1
 - Apr 1, 2019 - Mar 31, 2021
 - 25% effort
 14. NIDCR, Reynolds, Julie (Principal Investigator)
 - 1R03DE031782-01
 - Sep 19, 2023 - Aug 23, 2025
 - Amount: \$308,880.00
 - This study will contribute to the scientific knowledge about the potential spillover effects of adult-targeted Medicaid dental coverage policies on children. This evidence will be instrumental in informing policy and programmatic interventions aimed to improve dental care use among Medicaid-enrolled children and reduce oral health disparities.
 15. Iowa Health and Wellness Plan Section 1115 Demonstration; DHHS/CMS; Shane, Dan M (Co-Investigator), Damiano, Peter (Principal Investigator)
 - MED-21-008
 - Jul 2020 - Jun 2026
 - Amount: \$4,662,000.00

16. Rapid Response Rural Data Analysis and Issue Specific Rural Research Studies; UNC Rural Health Research Center; Shane, Dan M (Co-Investigator), Mueller, Keith J (Principal Investigator)
 - UICRH20419-13
 - Jul 2021 - Jun 2026
 - 6% effort

Completed

1. Implementing Safe Practices for Prevention of Perioperative Hypothermia; AHRQ; Steelman, Victoria (Principal Investigator), Shane, Dan (Co-Investigator)
 - R18HS021422-02
 - Sep 30, 2013 - Sep 29, 2016
 - Amount: \$346,041.00
2. Telehealth Focused Rural Health Research Center Cooperative Agreement; HRSA; Ward, Marcia (Principal Investigator), Shane, Dan (Co-Investigator)
 - 1RH227868-03-01-UI
 - Sep 1, 2015 - Aug 31, 2019
 - Amount: \$1,500,000.00
3. Rural Health Research Grant Program Cooperative Agreement; HRSA; Shane, Dan M (Co-Investigator), Mueller, Keith J (Principal Investigator)
 - U1CRH20419-13
 - Jun 2019 - Aug 2024
 - Amount: \$9,347,854.00, 5% effort
 - The RUPRI Center for Rural Health Policy Analysis at the University of Iowa will complete projects within this topic of concentration: The effects of payment and other policies on health care organizations and health plans in rural places. The Center will continue to use the framework of the continuum of care when assessing how essential services are sustained locally and linked to services across the entire continuum, whether those services are local, regional, or national.
4. Telehealth Focused Rural Health Research Center Cooperative Agreement; HRSA; Shane, Dan M (Co-Investigator), Ward, Marcia M (Principal Investigator)
 - U3GRH40003-02
 - Sep 1, 2020 - Aug 31, 2024
 - Amount: \$2,849,998.00, 5% effort

Not Funded

1. Telehealth Focused Rural Health Research Center Cooperative Agreement; HRSA; Ward, Marcia M (Principal Investigator), Shane, Dan M (Co-Investigator)
 - 1U1CRH29074-01
 - Sep 1, 2015 - Aug 31, 2019
 - The goal of this project will be to conduct and disseminate research on rural telehealth that contributes to building a high performance system in rural America.

Presentations

Keynote/Plenary Address

Nov 12, 2013 Shane, D. ACA Implications for Iowa Businesses. Presented at Community Forum, Business Leadership Network, Osceola, Iowa.

Invited Lectures

- Nov 2011 Shane, D. M. Explaining Disparities in Health Care Utilization: The Role of Health Insurance and Selection Bias. Presented at Visiting Economist Series, Bradley University, Peoria, Illinois.
- Nov 11, 2014 Shane, D. Incorporating Cost-Effectiveness Analysis into Research. Presented at College of Nursing Research Forum, Iowa City.
- Feb 2015 Shane, D. M. Medicare Part D's Effect on Mental Health. Presented at Depaul Health Economics Symposium, Chicago, Illinois.
- Nov 13, 2017 Shane, D. M. Basic Economic Principles of Health and Outcomes Assessment. Presented at Clinical Epidemiology.
- Nov 28, 2018 Shane, D. M. Basic Economic Principles of Health and Outcomes Assessment. Presented at Clinical Epidemiology.
- Dec 2019 Basic Economic Principles of Health and Outcomes Assessment. Presented at Clinical Epidemiology.
- May 2022 Medicaid Expansion Increases Emergency Department Visits for Less Urgent Care. Presented at Economics Research Seminar, DePaul University, Chicago.
- Jun 2022 Integrating Cost-Effectiveness into Research and Grant Proposals. Presented at College of Nursing Grants Workshop, Iowa City, Iowa.

Oral Presentations

- Apr 2010 Shane, D. M. Assessing the Role of Technology in Explaining US Physician Labor Force Trends. Presented at Jordan River Conference, Department of Economics, Indiana University, Bloomington, Indiana.
- Jul 2011 Explaining Disparities in Health Care Utilization: The Role of Selection Bias and Health Insurance. Presented at iHEA 9th World Congress, Toronto, Canada.
- Oct 2011 Shane, D. M. Explaining Disparities in Health Care Utilization: The Role of Health Insurance and Selection Bias. Presented at Applied Econometrics Seminar, Indiana University, Bloomington, Indiana.
- Jun 2012 Shane, D. M. The Specialists Will See You Now: Evidence on the Impact of Private Health Insurance on Visits to Specialists versus GPs. Presented at ASHEcon 4th Biennial Conference, Minneapolis, Minnesota.
- Jun 2012 Shane, D. M. What Drives Differences in Health Care Demand: The Role of Health Insurance and Selection Bias. Presented at ASHEcon 4th Biennial Conference, Minneapolis, Minnesota.
- May 2014 Ayyagari, P. & Shane, D. Does Prescription Drug Coverage Improve Mental Health? Evidence from Medicare Part D. Presented at Midwest Health Economics Conference, Champaign, Illinois.
- Jun 2014 Shane, D. & Ayyagari, P. Does Prescription Drug Coverage Improve Mental Health? Evidence from Medicare Part D. Presented at Academy Health Annual Research Meeting, San Diego, California.
- Jun 2014 Shane, D., Ayyagari, P. & Wehby, G. L. Effect of the ACA's Dependent Coverage Mandate on Utilization of Health Care Services. Presented at ASHEcon 5th Biennial Conference, Los Angeles, California.

- Jun 2016 Shane, D. M. & Zimmer, D. M. Is the ACA Bringing the Family Back Together (for Tax Purposes)? Investigating the Dependent Coverage Mandate Effect on Dependent Tax Exemptions. Presented at ASHEcon 6th Biennial Conference, Philadelphia, Pennsylvania.
- Jun 2018 Shane, D. M. & Wehby, G. L. Higher Benefit for Greater Need: Understanding Changes in Mental Well-being of Young Adults Following the ACA Dependent Coverage Mandate. Presented at ASHEcon 7th Biennial Conference, Atlanta, Georgia.
- Jun 2019 Effects of Insurance Expansions on Mental Health Outcomes. Presented at ASHEcon 8th Conference, Washington D.C.

Posters

- Jun 2011 Shane, D. Explaining Disparities in Health Care Utilization: The Role of Selection Bias and Health Insurance. Presented at Academy Health Annual Research Meeting, Seattle, Washington.
- Jun 2013 Shane, D. & Trivedi, P. K. Emergency Department Utilization and the Uninsured: Does Length of Coverage Gap Matter?. Presented at Academy Health Annual Research Meeting, Baltimore, Maryland.
- Jun 2015 Ayyagari, P., Shane, D. M. & Wehby, G. The Impact of Medicare Part D on Emergency Department Visits. Presented at Academy Health Annual Research Meeting, Minneapolis, Minnesota.
- Jun 2015 Shane, D. M. & Ayyagari, P. Evaluating Heterogeneity in Medicare Part D's Effect on Mental Health. Presented at Academy Health Annual Research Meeting, Minneapolis, Minnesota.
- Jun 2017 Shane, D. M. & Wehby, G. L. The Impact of the ACA Dependent Coverage Mandate on Use of Dental Treatments and Preventive Services. Presented at Academy Health Annual Research Meeting, New Orleans, Louisiana.
Accepted - unable to attend

Service

Professional Service

Journal Reviews/Referee Manuscripts

- 2015 - Present Journal of Health Economics, Reviewer, Publications
- 2015 - Present Journal of Rural Health, Reviewer, Publications
- 2015 - Present Medical Care Research and Review, Reviewer, Publications
- 2016 - Present American Journal of Health Economics, Reviewer, Publications
- 2016 - Present Medical Care, Reviewer, Publications
- 2017 - Present BMC Health Services Research, Reviewer, Publications
- 2017 - Present Journal of Policy Analysis and Management, Reviewer, Publications
- 2018 - Present Health Economics, Reviewer, Publications

2018 - Present	INQUIRY: The Journal of Health Care Organization, Provision, and Financing, Reviewer, Publications
2018 - Present	Review of Economics of the Household, Reviewer, Publications
2020 - Present	Economics Letters, Reviewer, Publications
2021 - Present	Economics of Human Biology, Reviewer, Publications

Review Panels

2019 - Present	SERV, National Institute of Mental Health, Reviewer, Grant Proposals
2020 - Present	Training and Education Review Panel, National Center for Complementary and Integrative Health, Reviewer, Grant Proposals

Organize Conferences, Sessions, etc.

2015 - Present	American Society of Health Economists, Reviewer, Ad-hoc
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Professionally Relevant Community Involvement

2013 - Present	Business Leadership Network, College of Public Health, Attendee
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University, College, Department Service

University

Jan - Dec 2015	Biostatistics DEO Search Committee, Member
2017	Statistical Methods Taskforce, Member
Jul 2012 - Jul 2019	Masters in Health Administration Quality Improvement Committee, Department of Health Management and Policy, Member
Jun - Aug 2020	Associate Dean for Academic Affairs Search Committee, Member
Sep 2021 - Apr 2022	HMP DEO Search Committee, Member
Aug 2021 - May 2022	MHA Director Search Committee, Member
2017 - Present	Curricular Innovations Undergraduate Subgroup, Member
2018 - Present	Undergraduate Program Committee, Member
2023 - Present	Faculty Council, University of Iowa, College of Public Health Representative
2023 - Present	Faculty Senate, University of Iowa, College of Public Health Representative

College

Aug 2019 - May 2020	CBH DEO Search Committee, Member
Nov 2022 - Jun 2023	OEH DEO Search Committee, Member
2018 - 2024	Faculty Council, College of Public Health, Member
2022 - Present	Collegiate Consulting Group, College of Public Health, Member

Department

Jan 2013 - May 2019	Analytical Curriculum Subcommittee, Masters in Health Administration Quality Improvement Committee, Department of Health Management and Policy, Member
Oct 2019 - May 2022	MHA Director Search Committee, Member
2023 - 2024	Tenure Track Faculty Search Committee, Department of Health Management and Policy, Chair
2024 - 2025	Tenure Track Faculty Search Committee, Department of Health Management and Policy, Member
2019 - Present	Departmental Consulting Group, Reviewer, Promotion and Tenure