

Nicholas Edwardson, PhD, MS
School of Public Administration | University of New Mexico
MSC05 3100 | Albuquerque, NM 87131-0001

PROFESSIONAL EXPERIENCE

Associate Professor, School of Public Administration, University of New Mexico	2020 – Present
Chair, Health Care Management Division, Academy of Management	2024 – Present
Adjunct Faculty, College of Population Health, UNM Health Sciences Center	2017 – Present
Program Chair, Health Care Management Division, Academy of Management	2022 – 2023
Assistant Professor, School of Public Administration, UNM	2014 – 2020
Senior Fellow, Robert Wood Johnson Foundation Center for Health Policy, UNM	2015 – 2018
Assistant Director, NSF Center for Health Organization Transformation, Texas A&M	2009 – 2014
U.S. Peace Corps (Granada, Nicaragua)	2006 – 2008

EDUCATION

PhD, Health Services Research, Texas A&M University, 2014
MS, Public Policy & Management, Carnegie Mellon University, 2010
BA, Political Science, Texas A&M University, 2004

COURSES TAUGHT

Capstone; Data Analytics for Administrative Decision-Making; Health Data Systems; Health Economics; Health Information Technology; Organization Theory & Behavior; Practicum

RESEARCH EXPERIENCE

Published Papers

Sood, A., Jarrell, W., Shore, X.W., Sosa, N., Parada, A., Edwardson, N., Yingling, A.V., Amirkabirian, T., Cheng, Q., Hurwitz, I., Cook, L.S., Leng, S., Myers, O.B., & Perkins, D.J. (2024) Effectiveness of Frequent Point-of-Care Molecular COVID-19 Surveillance in a Rural Workplace: A Non-Randomized Controlled Clinical Trial Among Miners. *JMIR Public Health and Surveillance*, doi:10.2196/59845

Kanda, D., Cartwright, K., Pankratz, V.S., Sheche, J., Kosich, M., Edwardson, N., Leekity, S., & Mishra, S.I. (2024) Perceived risk for screen-detectable cancers among American Indian adults in the Zuni Pueblo, USA: Insights and implications for intervention programs. *Preventive Medicine Reports*, doi:10.1016/j.pmedr.2024.102950

Pankratz V.S., Kanda, D., Kosich, M., Edwardson, N., English, K., Adsul, P., & Mishra, S.I. (2024) Racial and Ethnic Disparities in Colorectal Cancer Incidence Trends Across Regions of the United States From 2001 to 2020 – A United States Cancer Statistics Analysis. *Cancer Control*, doi:10.1177/10732748241300653

Edwardson, N., van der Goes, D., Pankratz V.S., Parasher, G., Adsul, P., English, K., Sheche, J., & Mishra, S.I. (2024) Trends in and factors associated with family physician-performed screening colonoscopies in the United States: 2016-2021. *Journal of Rural Health*, 2024;1-9. doi:10.1111/jrh.12858

- Adsul, P., English, K., Jim C, Pankratz, V.S., Edwardson, N., Sheche, J., Rodman, J., Charlie, J., Pagett, J., Trujillo, J., Grisel-Cambridge, J., Mora, S., Yepa, K.L., & Mishra, S.I. (2024) Participatory action research to develop and implement multicomponent, multilevel strategies for implementing colorectal cancer screening interventions in American Indian communities in New Mexico. *Implementation Science Communications*, doi:10.1186/s43058-024-00591-y
- Cartwright, K., Kanda, D., Kosich, M., Sheche, J., Leekity, S., Edwardson, N., Pankratz, V., & Mishra, S.I. (2024) Breast cancer screening attitudes, beliefs, and behaviors of Zuni Pueblo women: Identifying cornerstones for building effective mammogram screening intervention programs. *Cancer Causes & Control*, doi:10.1007/s10552-023-01814-8
- Edwardson, N., Kosich, M., Pankratz, V., Sheche, J., Cartwright, K., Kanda, D., Leekity, S., & Mishra, S.I. (2023) Preferences for CPSTF-Recommended Intervention Approaches for Increasing Cancer Screening Among Screen-Eligible Adults in Zuni Pueblo, USA. *Preventive Medicine Reports*, doi:10.1016/j.pmedr.2023.102453
- Cartwright, K., Kosich, M., Gonya, M. Kanda, D., Leekity, S., Sheche, J., Edwardson, N., Pankratz, V.S., & Mishra, S.I. (2023) Cervical Cancer Knowledge and Screening Patterns in Zuni Pueblo Women in the Southwest United States. *Journal of Cancer Education*, doi:10.1007/s13187-023-02295-8
- Edwardson, N., Cartwright, K., Sheche, J., Pankratz, V.S., Kosich, M., Kanda, M., Leekity, S., & Mishra, S.I. (2023). Colorectal Cancer Screening Among Adults in Zuni Pueblo: Factors Associated with FOBT and Colonoscopy Utilization. *Journal of Community Health*, doi:10.1007/s10900-023-01196-7
- Edwardson, N., Adsul, P., Gonzalez, Z., Pankratz, V. S., Parasher, G., English, K., & Mishra, S.I. (2023). Sessile serrated lesion detection rates continue to increase: 2008–2020. *Endoscopy International Open*, 11(01), E107-E116. doi:10.1055/a-1990-0509
- Cartwright K., Leekity S., Sheche, J., Kanda D., Kosich M., Rodman J., Gonya M., Kelly K., Edwardson N., Pankratz V.S., & Mishra S.I. (2022) Health Literacy, Health Numeracy, and Cancer Screening Patterns in the Zuni Pueblo: Insights from and Limitations of “Standard” Questions, *Journal of Cancer Education*, doi:10.1007/s13187-022-02227-y
- Pankratz V.S., Kanda D., Edwardson N., English K., Adsul P., Li Y., Parasher G., & Mishra S.I. (2022) Colorectal Cancer Survival Trends in the United States From 1992 to 2018 Differ Among Persons From Five Racial and Ethnic Groups According to Stage at Diagnosis: A SEER-Based Study. *Cancer Control*, doi:10.1177/10732748221136440
- Pankratz, V.S., Kosich, M., Edwardson, N. English, K., Adsul, P., Li, Y., Parasher, G., & Mishra, S. (2022) American Indian/Alaska Native and black colon cancer patients have poorer cause-specific survival based on disease stage and anatomic site of diagnosis, *Cancer Epidemiology*, doi:10.1016/j.canep.2022.102229.
- Roberts, M., He, X., Díaz Fuentes, C., & Edwardson, N. (2020) Subscriber continuity in health insurance plans: factors associated with re-enrollment and coverage changes, *Journal of Medical Economics*, doi:10.1080/13696998.2020.1781137

- Van der Goes, D., Edwardson, N., Rayamajhee, V., Hollis, C., & Hunter, D. (2019) An Iron Triangle ROI Model for Healthcare. *ClinicoEconomics and Outcomes Research*, 11:335–348. doi:10.2147/CEOR.S130623
- Spaulding, A., Edwardson, N., & Zhao, M. (2018) Variation in Hospital Value-Based Purchasing Performance: Do organizational and market characteristics matter? *Journal of Healthcare Management*, 63(1), 31-48. doi:10.1097/jhm-d-16-00015
- Edwardson, N., Perlman, B., & Scicchitano, M. (2017) Administering health plan burdens during economic downturns: Lessons from local governments and the Great Recession. *Compensation & Benefits Review*, 48(5–6), 115–127. doi:10.1177/0886368717720584
- Edwardson, N., Kash, B. A., & Janakiraman, R. (2016). Measuring the Impact of Electronic Health Record Adoption on Charge Capture. *Medical Care Research and Review*, doi:10.1177/1077558716659408
- Edwardson, N., Bolin, J. N., McClellan, D. A., Nash, P. P., & Helduser, J. W. (2016). The cost-effectiveness of training US primary care physicians to conduct colorectal cancer screening in family medicine residency programs. *Preventive Medicine*, 85, 98-105. doi:10.1016/j.ypmed.2016.02.007
- Edwardson, N., Gregory, S., & Gamm, L. (2016). The influence of organization tenure on nurses' perceptions of multiple work process improvement initiatives. *Health Care Management Review*, doi:10.1097/hmr.0000000000000078
- Schuller, K., Kash, B., Edwardson, N., Gamm, L. (2015) Discharge Phone Calls: A Technique to Improve Patient Care during the Transition from Hospital to Home. *Journal for Healthcare Quality*, doi:10.1111/jhq.12051
- Gregory, S., Tan, D., Tilrico, M., Edwardson, N., & Gamm, L. (2014). Bedside Shift Reports: What Does the Evidence Say? *Journal of Nursing Administration*, 44(10), 541-545. doi:10.1097/nna.0000000000000115
- Schuller, K. A., Kash, B. A., Edwardson, N., & Gamm, L. D. (2013). Enabling and disabling factors in implementation of Studer Group's Evidence-Based Leadership initiative: a qualitative case study. *Journal of Communication in Healthcare*, 6(2), 90-99. doi:10.1179/1753807613Y.0000000033
- Bolin, J. N., Gamm, L., Vest, J. R., Edwardson, N., & Miller, T. R. (2011). Patient-Centered Medical Homes: Will Health Care Reform Provide New Options for Rural Communities and Providers? *Family & Community Health*, 34(2), 93-101. doi:10.1097/FCH.0b013e31820e0d78

Grant & Contract Work

- R01DK114085-06 (Jhamb, Manisha & Unruh, Mark) 2017-2029
NIH National Institute of Diabetes and Digestive and Kidney Diseases. Technology Assisted Stepped Collaborative Care (TACCare). Role: Co-Investigator, \$694,969 (2024)
- R01CA192967 (Mishra, Shiraz & English, Kevin) 2016 – 2024
National Cancer Institute - National Institutes of Health. Enhancing Prevention Pathways Towards Tribal Colorectal Health. Role: Co-Investigator, \$1,143,310

P30CA118100-17S3 (Sanchez, PI; Mishra, PD) 2018 – 2024
NIH/NCI. Dissemination of a Colorectal Cancer Screening Program Across American Indian Communities in the Southern Plains & Southwest US. Role: Co-Investigator, \$2,246,011

3U01GM132175-02S1 (Sood, PI) 2020 – 2022
NIH RADx. Keeping rural minority ‘essential’ workplaces open safely during the COVID-19 pandemic: The role of frequent point-of-care molecular workplace surveillance for miners. Role: Co-Investigator

beWellnm—New Mexico Health Insurance Exchange 2019 – 2020
Market, Utilization, and Outcomes Research Project. Role: Lead Principal Investigator, \$120,000

New Mexico Office of the Superintendent of Insurance (OSI) 2017 – 2018
Benefit Design and Pricing Initiative Project for the NM Office of Superintendent of Insurance II. Role: Co-Investigator, \$150,000

R01CA192967-01A1 (Mishra, Shiraz) 2016 – 2021
National Cancer Institute (NCI). Enhancing Prevention Pathways Towards Tribal Colorectal Health. Role: Co-Investigator

New Mexico Office of the Superintendent of Insurance (OSI) 2017 – 2017
Benefit Design and Pricing Initiative Project for the NM Office of Superintendent of Insurance. Role: Co-Investigator, \$300,000

New Mexico Department of Health 2015 – 2016
Estimating Return on Investment for Medicaid Health System Innovation Programs. Role: Co-Investigator, \$50k

Center for Regional Studies 2016 – 2017
An Assessment of the Social Determinants of Health in New Mexico. Role: Co-Principal Investigator, \$10k

IIP-1439310 (Kash, Bitá A.) 2014 – 2017
National Science Foundation (NSF). Innovative Managing Director supplemental grant. Role: Grant co-author.

IIP-1361509 (Gamm, Larry D. & Kash, Bitá A.) 2014 – 2019
National Science Foundation (NSF). \$297,200. Collaborative Research: Center for Health Organizational Transformation (CHOT). Role: Assistant Director, Co-Investigator, lead webmaster and graphic designer.

IIP-0832439 (Gamm, Larry D.) 2008 – 2013
National Science Foundation (NSF). \$460,999. Collaborative Research: Center for Health Organizational Transformation (CHOT). Role: Assistant Director, Co-Investigator, lead webmaster and graphic designer.

23-460041-01001 (McClellan, David A., & Bolin, Jane) 2011 – 2014
Cancer Prevention and Research Institute of Texas (CPRIT). \$2,748,000. Enhanced Colorectal Cancer Screening in a Family Medicine Residency Program Serving Low-Income and Underserved: Translating Research into Practice. Role: Doctoral Research Assistant, lead webmaster, and graphic designer.

Selected Peer-Reviewed Presentations & Posters

Adsul, P., English, K., Jim, C., Pankratz, V., Edwardson, N., Kanabar, N., Sheche, J., Rodman, J. and Mishra, S. December 2023. "Using participatory implementation research to facilitate organizational change in tribally operated healthcare facilities for colorectal cancer screening" AcademyHealth's Dissemination & Implementation Annual Conference. Poster. Arlington, VA.

Cartwright, K., Kanda, D., Kosich, M., Sheche, J., Leekity, S., Edwardson, N., Pankratz, V.S., and Mishra, SI. November 2023. "Breast cancer screening attitudes, beliefs, and behaviors of Zuni Pueblo women: Identifying cornerstones for building effective mammogram screening intervention programs." Panel presentation as part of the Cancer Screening among Native American and Indigenous Populations session of the Cancer Forum at the 2023 American Public Health Association Annual Meeting. Atlanta, GA.

Cartwright, K., Kosich, M., Gonya, M., Kanda, D., Leekity, S., Sheche, J., Edwardson, N., Pankratz, V.S., and Mishra, SI. May 2023. "Cervical Cancer Knowledge and Screening Patterns in Zuni Pueblo Women in the Southwest United States." Poster presentation at the 2023 New Mexico Public Health Association Annual Meeting, Virtual.

Park, YJ & Edwardson, N. (2019) A Framework of Financial Vulnerability of Nonprofit Organizations: Evidence from Nonprofit Hospitals in the U.S., Western Social Science Association Conference, San Diego, CA

Roberts, M., He, X., Edwardson, N., Diaz Fuentes, C. (2019) Factors Associated with Subscriber Turnover for Marketplace Insurance Carriers. (Poster) AcademyHealth Annual Research Meeting, Washington, D.C.

Edwardson, N. (2018) Healthcare Coverage Pathways for the Continuously Uninsured in 2013: A Longitudinal Analysis of Demographics, Disease, Utilization, and Expenses. AcademyHealth National Health Policy Conference, Washington, D.C.

Edwardson, N., Cartwright, K. (2017) The uninsured rate in New Mexico is down. Now what? New Mexico Public Health Association Annual Conference, Albuquerque, NM

Cartwright, K., Edwardson, N., Vasquez Guzman, E., Abrams, B. (2017) Health Implications of Current NM Patterns of Patient-Provider Racial and Ethnic Concordance. New Mexico Public Health Association Annual Conference, Albuquerque, NM

Spaulding, A, Edwardson, N. (2016) Centralizing Value: An Institutional Theory Perspective. Academy of Management, Anaheim, CA

Edwardson, N. (2015) The influence of organization tenure on nurses' perceptions of multiple work process improvement initiatives. Academy of Management, Vancouver, BC

Edwardson, N., Kash, B., Janakiraman, R. (2015) Measuring the impact of electronic health records on charge capture: a second generation EHR research approach. AcademyHealth, Minneapolis, MN

Perlman, B., Shoemate, S., Edwardson, N., Scicchitano, M., Johns, T. (2015) Taking the High Road: Local Government Managers' Perceptions on Implementing Local Option Recreational Marijuana in Colorado. Annual Conference of the American Society for Public Administration, Chicago, IL

- Scicchitano, J., Johns, T., Sellers, B., Perlman, B., Shoemate, S., Edwardson, N. Policy Diffusion, Morality and Economics: Adoption of Recreational Marijuana by Colorado Cities. Annual Conference of the Midwest Political Science Association, Chicago, Ill.
- Edwardson, N., Radcliff, T., Schuller, K., Menser, T. (2013) Re-routing non-urgent patients from the ED to rural health clinics. International Conference on Healthcare Leadership, Houston, TX
- Edwardson, N., (2013) Improving the Selection of Electronic Medical Record Super Users. INFORMS Healthcare Annual Conference. Chicago, IL.
- Edwardson, N., (2013) Evaluating the Cost Effectiveness of Expanding Colorectal Cancer Screening in Family Medicine Residency Programs. Invitation to present to Texas A&M Family Medicine Residency program. Bryan, TX
- Edwardson, N., Gamm, L., (2013) Preening without ruffling feathers: Tightening the “loose coupling” of management and patient care via system-wide innovation. 2013 Annual Health Organizational Research Association (HORA) Meeting. Chicago, IL.
- Gamm, L., Johnson, C., Edwardson, N., Messimer, S. (2011) Transcending Industry & Academic Boundaries: Conducting Real-Time, Evidence-Based Management Research. Academy of Management Annual Meeting, Professional Development Workshop. San Antonio, TX.
- Edwardson, N., Cote, M., (2011) Absorptive Capacity and Innovation in Healthcare Organizations, INFORMS Healthcare Annual Conference. Montreal, Canada.

Selected Invited Presentations

- “American Indian ACCSIS Project - NEW MEXICO.” Mishra, S. & Edwardson, N.; National Cancer Institute’s Accelerating Colorectal Cancer Screening and Follow-Up Through Implementation Science (ACCSIS) Scientific Meeting; RTI International; Washington, DC; November 4, 2019
- “Cost Considerations of Cancer Prevention & Control.” Edwardson, N.; UNM Comprehensive Cancer Center’s Cancer Control Program Meeting; March 4, 2019
- “Consumer Participation in Marketplace Health Plans.” Edwardson, N., State of New Mexico Legislative Health and Human Services Committee; Santa Fe, NM; November 1, 2017
- “Quality and Safety: Contributions of Electronic Health Records” Edwardson, N. (Chair & Discussant); Academy of Management; Atlanta, GA; August 7, 2017
- “Measuring the Impact of Electronic Health Record Adoption on Charge Capture.” Edwardson, N.; Parish Memorial Library Lecture Series; Albuquerque, NM; October 26, 2016
- “The Healthcare Executive’s Role in IT Decisions.” Edwardson, N.; New Mexico Healthcare Executives Annual Conference; Albuquerque, NM; October 13, 2016
- “Health Information Exchanges/Interoperability/Privacy and Security.” Edwardson, N.; State of New Mexico Legislative Health and Human Services Committee; Albuquerque, NM; July 29, 2016
- “Health Services Research: A Foundation for Evaluating Policies & Systems.” Moffett, M., Diaz Fuentes, C., Crandall, C., & Edwardson, N.; Invitation to present to UNM Health Sciences Center

and Robert Wood Johnson Foundation Center for Health Policy; Albuquerque, NM; March 10, 2016

“Evaluating the Cost Effectiveness of Expanding Colorectal Cancer Screening in Family Medicine Residency Programs.” Edwardson, N.; Invitation to present to Texas A&M Family Medicine Residency program; Bryan, TX; February, 2014

“Return on Investment: Understanding the Key Stakeholders of the Medicare Prescription Drug, Improvement, and Modernization Act of 2003.” Edwardson, N.; Invitation to present to second-year MHA and MPH graduate students at Texas A&M University; College Station, TX: October 2013

Selected Technical Project Reports

Edwardson, N., (2016) Health Information Exchanges: Interoperability, Privacy, and Security. Presentation to Legislative Health and Human Services Committee, State of New Mexico

Kash, B., Edwardson, N., (2013) Investigating Sources of Competitive Advantage in an Integrated Primary Care Network. Report to Texas Children’s Pediatrics.

Edwardson, N., Gamm, L., Lin, S., Talwar, D. (2012). Understanding the Critical Factors Associated with a Disruptive Organizational Change Initiative for Hospital Nurses. Report to St. Luke’s Episcopal Health System.

Edwardson, N., Gamm, L., Griffith, J., Lin, S., Talwar, D. (2012). Success and Sustainability of the Faithful, Loving Care®/Studer Group Initiative: A Qualitative Analysis of Perceptions and Insights from Health System, Hospital, and Department Leaders. Webinar report to St. Luke’s Episcopal Health System and Studer Group, LLC.,

Edwardson, N., Gamm, L. (2011). Optimizing the Selection of Electronic Medical Record Super Users. Report to Scott & White Healthcare.

Gamm, L., Johnson, C., Spaulding, A., Edwardson, N. (2010). Organizational Capacity for Change. Report to Texas Health Resources and Texas Children’s Hospital.

Gamm, L., Kinkler, N., Edwardson, N., Kim, J. (2010). Implementation and Optimization of an Electronic Medical Record. Report to Scott & White Healthcare.

Awards and Recognition

Edgard C. Hayhow Award—granted annually to the authors of an article judged the best from among those published in the *Journal of Healthcare Management*, ACHE's official journal (2019).

Academic-at-Large, Academy of Management, Healthcare Management Division (elected, 2019-present)

Board Member, New Mexico Health Care Executives—New Mexico Chapter of American College of Healthcare Executives (ACHE) (2016-Present)

Social Chair, Academy of Management, Healthcare Management Division (appointed, 2015-2019)

Board Member, American Cancer Society of Brazos County (2012-2013)

CTxCARES Center (Communities of Texas: Cancer, Activity, Research, Education, Support) Travel Award (2013)

National Student Representative, Academy of Management, Healthcare Management Division (2011-2013)

OTHER

Standup Comedian (2000 – Present) Have opened for Jimmy Fallon, Jeff Foxworthy, Bill Engvall, and others. Completed comedy workshops at Second City, Chicago and The iO Theater, Chicago. Winner, Heinz College Talent Competition, 2009.