

Kavita Mosalpuria

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EDUCATION

- Ph.D. in Health Services Research, Administration, and Policy** 2021
University of Nebraska Medical Center (UNMC), Omaha, Nebraska, USA
Dissertation: *Health Service Utilization and Expenditure in Cardio-Metabolic Conditions in the United States Adults*
- Post Graduate Certificate in Quality Management and Accreditation of Healthcare Organizations** 2012
Academy of Hospital Administration, Delhi, India
Project: *A gap analysis on the implementation challenges of ISO 9001:2008 & IPHS standards at a Primary Health Centre*
- Masters in Hospital Administration** 2011
Tata Institute of Social Sciences, Mumbai, India
Thesis: *Facility planning of 20 bedded Ophthalmic Day Care Centre*
- Bachelor of Medicine and Bachelor of Surgery (MD equivalent)** 2008
Lady Hardinge Medical College, Delhi University, New Delhi, Delhi, India

PROFESSIONAL EXPERIENCE

- Assistant Professor**, East Carolina University Oct 2023 -Present
- Post-doctoral Research Fellow**, University of Utah Oct 2021 -Oct 2023
Mentor: Fernando A. Wilson Oct 2021 -Oct 2023
Mentor: Jessica L. King Jensen (K01CA253235) Oct 2021 -Sept 2022
Lead and assist tobacco-regulatory and health services research
Drafting manuscripts for publications
Submit grant proposals
Team science
- Teaching Assistant**, Healthcare Economics & Policy Spring 2023
Full-time MHA
Professional MHA
MHA online
- Assistant to Associate Editor**, BMJ Global Health Aug 2019 -Aug 2020
Identify reviewers
Review articles
- Teaching Assistant**, Health Policy (Online course) Aug -Dec 2020
Assist Dr. Hyo Jung Tak in teaching Health Policy

Assist in grading assignments

Surveillance Medical Officer, World Health Organization (WHO) Country Office, India Nov 2011 -Jul 2016

Conduct Epidemiological investigations

Conduct monitoring and evaluation of vaccination programs

Clinical examination and sample collection of high-risk patients for Polio

Data collection, management, analysis and presentation of vaccination and surveillance programs

Provide consultation to state and local health departments

Manage WHO field office and research projects

Hospital Administrator, Manipal Hospital, Bangalore, India Jun -Oct 2011

Head of operations for Cardiology, Physical Therapy, Anesthesia, Sports Medicine, and Gastroenterology

Plan and develop standardized processes related to manpower scheduling, equipment utilization, quality compliance, and supply chain management

Ensure seamless customer experiences across both outpatient and inpatient services

Streamline and improve inpatient services through data analysis

Organize conferences for resident doctors and fellows in accordance with accreditation guidelines

Junior Resident Physician for Department of Biochemistry & Anesthesiology Jan -Aug 2008

Calibration of laboratory machines that conduct biochemical tests on patients' body fluids

Prepare laboratory reports for patients and resolve inconsistencies with treating physicians

Prescribe anesthesia to patients and provide pre-anesthesia and post-operative care

Manage the medical care and treatment of patients in intensive care

TRAINEESHIPS

Graduate Research Assistant, UNMC, Omaha, NE Aug 2016 -Aug 2021

Conduct literature reviews and assist in drafting manuscript and reports for following projects

Medicaid expansion in Nebraska

Cost-effectiveness of adult health measures

Opioid prescription drugs

Raising Minimum legal Age for Selling Tobacco in Nebraska

State Public Health Emergency Laws

Nebraska Align Coalition Recommended Measures

Creating geographic maps using ArcGIS by ESRI

Nebraska Healthcare Workforce Project

Correlation Between Agrichemical-Contaminated Wells and Birth Defects in Nebraska

Epidemiology Intern, Lincoln Lancaster County Health Department, Lincoln, NE May -Aug 2018

Analyze and evaluate current performance indicators and review progress of program areas

Conduct literature review on performance management systems in accredited local health departments

Identify data sources and develop new indicators of success for various program areas

Work with individual programs in developing effective indicators and establishing benchmarks

Hospital Administration Traineeship, Tertiary care hospitals, India Feb 2010 -May 2011

Develop quality and efficiency improvement projects for clinical care departments
Provide training to all hospital staff in preparation for national and subnational accreditations
Develop projects to improve and standardize operation processes to reduce medication errors
Design cost-effective business models for standalone nephrology and oncology hospitals

Medical Traineeship, Lady Hardinge Medical College, New Delhi, India

Jan -Dec 2007

Provide medical treatment under supervision in Accident & Emergency Casualty, Preventive and Social Medicine, Family Welfare, Medicine, Pediatrics, Psychiatry, Dermatology, Obstetrics & Gynecology, Ophthalmology, Otorhinolaryngology, and Surgery departments
Present cases to attending and consulting doctors
Perform medical procedures on patients under supervision

PEER REVIEW PUBLICATIONS

Mosalpuria, K., Sharareh, N., Sanuade, O. A., Onigbogi, O., & Asare, A. O. (2025). Impact of the COVID-19 Pandemic on Emergency Department Visits in Adult with Diabetes: Findings from the National Health Interview Survey *Journal of Diabetes*. (Submitted)

Bailey, E. V., Hansen, E. J., **Mosalpuria, K.**, & Wilson, F. A. (2025). The relationship between mental health and employment status among U.S. veterans: A systematic review *Military Medicine*. (Submitted)

Mosalpuria, K., Bailey, E.V., Ko, H., Hansen, E.J., & Wilson, F.A. (2024) Chronic Physical and Mental Health Conditions Associated with unemployment in Veterans. *AJPM Focus*, 3(4), 100242

Yan, D., Wang, Z., Laestadius, L., **Mosalpuria, K.**, Wilson, F., Yan, A., Lv, X., Zhang, X., Bhuyan, S., & Wang, Y. (2023) A Systematic Review for the Impacts of Global Approaches to Regulating Electronic Nicotine Products. *J. Global Health*, 13:04076

Mosalpuria, K., Wilson, F. A., & Siahpush, M. (2021). Disparities in Access to After-Hours Care in the U.S.: A National Study. *Journal of Health Disparities Research and Practice*: Vol. 14: Issue. 1, Article 1.

Wilson, F.A., **Mosalpuria, K.**, & Stimpson, J. P. (2020). Association Between Opioid Prescriptions and Non-US- Born Status in the US. *JAMA Network Open*, 3(6).

Mahmood, A., **Mosalpuria, K.**, Wyant, D. K., & Bhuyan, S. S. (2018). Association Between Having a Regular Health Provider and Access to Services Linked to Electronic Health Records. *Hospital Topics*, 1-10.

GRANT SUBMISSION

CASEL Opportunity Fund

Multiple PI

Jan 2025

Title: Exploring the Determinants of Differential Switching and Patterns of Electronic Nicotine Delivery System Use between Younger Adults and Older Adults Who Smoke Cigarettes

The goal of this project is to characterize the patterns of electronic cigarette use and switching it with cigarettes in US adults.

Role: PI (40%)

Total Funding: \$370,076

TCORS CAsToR Pilot Project

Multiple PI

Jan 2025

Title: Analyzing Electronic Nicotine Delivery Systems as a Behavioral Complement or Substitute for Other Tobacco Products Using Hybrid Machine Learning Approaches

The goal of this project is to characterize the determinants of Electronic Nicotine Delivery Systems as a Behavioral Complement or Substitute.

Role: PI (17.33%)
Total Funding: \$39,998

NIH (RFA-DA-24-037) Multiple PI Nov 2024
Title: Uncovering the Factors Driving Tobacco Use and its Consequences Among Hispanic Populations
The goal of this project is to characterize the cycle of tobacco use from initiation to quit attempts to health outcomes among Hispanics.
Role: Co-PI (40%)
Total Funding: \$465,607

NIH (RFA-DA-24-037) Multiple PI Nov 2023
Title: Uncovering the Factors Driving Tobacco Use and its Consequences Among Hispanic Populations
The goal of this project is to characterize the cycle of tobacco use from initiation to quit attempts to health outcomes among Hispanics.
Role: Co-PI (40%)
Total Funding: \$465,607

NIH (RFA-OD-21-003) Multiple PI March 2023
Title: Uncovering the Factors Driving Tobacco Use and its Consequences Among Hispanic Populations
The goal of this project is to characterize the cycle of tobacco use from initiation to quit attempts to health outcomes among Hispanics.
Role: Co-PI (100%)
Total Funding: \$435,568
Result: Scored (38)

POLICY BRIEFS & TECHNICAL REPORTS

- Addicott, M., Hinds, J., Mithi, V., Kyriotakis, G., Jacobs, W. Martinez, S. A., Denlinger-Apte, R., Phan, L., Levy, D., Osibogun, O., **Mosalpuria, K.**, Kumar, D. S., Czaplicki, L., Tan, A. (2024) SRNT Health Equity Network on Authentic Health Disparity/ Equity Research. *Society for Research on Nicotine and Tobacco Health Equity Network*.
- Wehbi, N. K., **Mosalpuria, K.**, Deras, M., Palm, D., Wilson, F.A., & Carritt, N. (2020) The Status of the Nebraska Healthcare Workforce. Omaha, NE: *University of Nebraska Medical Center, Center for Health Policy; 2020*.
- Wilson, F.A., Wehbi, N. K., Larson, J., **Mosalpuria, K.**, Chen, E., & Deras, M. (2018) The Status of the Healthcare Workforce in the State of Nebraska. Omaha, NE: *UNMC Center for Health Policy; February 2018*.
- Wilson, F.A., Tatar, M., **Mosalpuria, K.**, Lamsal, R., Palm, D., Wehbi, N., Chen, L.W. (2018) The Predicted Impact of Medicaid Expansion on Nebraska's Hospital Providers. Omaha, NE: *UNMC Center for Health Policy; 2018*.
- Wilson, F. A., Wehbi, N. K., **Mosalpuria, K.**, & Chen, L. W. (2016). Raising the Minimum Legal Sales Age for Tobacco Products in Nebraska. Omaha, NE: Center for Health Policy, 68198-4350.
- Wilson, F. A., Wehbi, N. K., **Mosalpuria, K.**, & Chen, M. L. W. (2016). Raising the Minimum Legal Age for Selling Tobacco in Nebraska.
- Wilson, F. A., Wehbi NK, Larson J, & **Mosalpuria K.** (2016) An Overview of State Criteria for Declaring a

PROFESSIONAL PRESENTATION

- Mosalpuria, K.** Impact of COVID on Emergency Department Utilization in Adults with Diabetes in the United States: Findings from the National Health Interview Survey. *Society for Prevention Research (2025)*. (Mosalpuria K as presenter)
- Mosalpuria, K.** Association of Physical and Mental Health Conditions with Use of Electronic Nicotine Delivery System: Analysis of Population Assessment of Tobacco & Health Study. *Society for Research on Nicotine & Tobacco Annual Meeting (2025)*. (Poster presentation)
- Mosalpuria, K.,** Wilson, F. A., Jensen, J.L.K. Use of Tobacco Sales Data to Inform Tobacco Control efforts: A Systematic Review. *Society for Research on Nicotine & Tobacco Annual Meeting (2023)*. (Poster presentation)
- Mosalpuria, K.,** Vandersteen Bailey, Elise., Wilson, F. A. Chronic Physical and Mental Health Conditions Associated with unemployment in Veterans. *Marshall Business Research Conference (2022)*. (Scheduled for all-virtual event) (Mosalpuria K as presenter)
- Mosalpuria, K.,** & Wilson, F. A. Comparison of Health Services Utilization and Expenditure for Foreign-born versus U.S. born Adult Diabetic Population. *American Public Health Association Annual Meeting and Expo (2021)*. (Scheduled for all-virtual event) (Poster presentation)
- Pradhan, S., **Mosalpuria, K.,** & Wilson, F. A. Did the Affordable Care Act (ACA) Lead to Early Diagnosis of Cervical Cancer in Adult U.S. Women? *American Public Health Association Annual Meeting and Expo (2021)*. (Scheduled for all-virtual event)
- Mosalpuria, K.,** Yangyuna, Y., & Bhuyan, S. S. Predictors and Cost of 30-day Readmissions After Index Hospitalizations for Asthma in US adults. *American Public Health Association Annual Meeting and Expo (2020)*. (Scheduled for all-virtual event) (Mosalpuria K as presenter)
- Mosalpuria, K.,** & Tak, H. Health Service Expenditure Associated with Newly Diagnosed Chronic Condition in Adult Diabetic Population of the US. *American Public Health Association Annual Meeting and Expo (2020)*. (Scheduled for all-virtual event) (Mosalpuria K as presenter)
- Mosalpuria, K.,** & Tak, H. Health Service Utilization Associated with Newly Diagnosed Chronic Condition in Adult Diabetic Population of the US. *American Public Health Association Annual Meeting and Expo (2020)*. (Scheduled for all-virtual event) (Poster Presentation)
- Mosalpuria, K.,** Tak, H., & Wilson, F. A. Association of Health Status and Customer Satisfaction with Non-financial Barriers. *American Public Health Association Annual Meeting and Expo (2019)*. (Mosalpuria K as presenter)
- Mosalpuria, K.,** Tak, H., & Wilson, F.A. Predictors and Risk Factors for Readmission Rates in Elderly and Non-elderly patients with Cardiac Rhythm Disorder. *American Public Health Association Annual Meeting and Expo (2019)*. (Mosalpuria K as presenter)
- Mahmood, A., **Mosalpuria, K.,** Wyant, D. K., & Bhuyan, S. S. Use of smartphones and tablet computers in health seeking behaviors among patients with multiple chronic conditions. *American Public Health Association Annual Meeting and Expo (2019)*. (Poster Presentation)

INVITED PRESENTATIONS

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| Teamwork & Organization Dynamics. Seattle Central College, Seattle WA | 2023 |
| Chronic Diseases: Determinants, Burden, and Outcomes in Vulnerable Populations. East Carolina University, Greenville, NC | 2023 |

Health Policy and Administration. University of Nevada, Reno, NV	2023
Social Determinants of Health and Health Policy. University of Tennessee. Knoxville, TN	2023
Health Policy and Special Population. St. John Fisher University, Rochester, NY	2021
Healthcare Data Description and Presentation. University of North Carolina, Wilmington, NC	2021

PROFESSIONAL SERVICE

Ad Hoc Journal Reviewer

Journal of the American Heart Association	2023 - 2024
Substance Use & Misuse	2023
American Journal of Preventive Medicine	2022
BMJ Global Health	2020

Abstract Reviewer

Society for Prevention Research Annual Meeting	2024 - Present
Academy Health – Annual Research Meeting Conference	2022 - Present
Society for Research on Nicotine & Tobacco Annual Conference	2022 - Present
American Public Health Association (APHA) Annual Meeting and Expo	2019 - 2024
International Social and Behavior Change Communication Summit	2020

Other

Medical Comorbidities Working Group, Health Equity Network, <i>Co-chair</i>	2024 - Present
Academic Health Department, <i>Co-chair</i>	2024 - Present
LHMC Alumni Association of North America, <i>Board Member</i>	2024 - Present
Health Services Research Conference, <i>Volunteer</i>	2023
Society for Research on Nicotine and Tobacco Annual Conference, <i>Volunteer</i>	2023
APHA Conference Social/ Behavioral Health Poster Session, <i>Moderator</i>	2021
APHA Conference Student Assembly, <i>Co-host</i>	2020
APHA Conference Health Administration Section, <i>Moderator</i>	2019
APHA Cancer Forum, <i>Membership Chair</i>	2018 -2019
College of Public Health UNMC, <i>Representative</i>	2017 -2019
Global Health	
Aging Interprofessional Group	
VDPV Mop-up Hyderabad, <i>National Consultant</i>	2016
Routine Immunization & Surveillance Barmer, <i>National Consultant</i>	2016
Muco-prevalence Polio Virus, <i>Research Site Manager</i>	2015
Strengthening AFP Surveillance Mohali, <i>National Consultant</i>	2015
Mission Indradhanush Tonk, <i>National Consultant</i>	2015
Tata Institute of Social Sciences, <i>Class Representative</i>	2009 -2011
Mucosal Immunity Study Moradabad, <i>Research Site Manager</i>	2011
Swine Flu Pandemic Committee, <i>Student Member</i>	2009

TEACHING

DrPH

Organization Theory & Leadership	2024
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COURSE DESIGN

Principles of Health Policy 2024 - Present

MENTORING

Postdoctoral Scholar

Amandeep Kaur 2025

MPH Students

Chloe Pamela Cabreza Spring 2024

Oliver Croom Fall 2024

PROFESSIONAL MEMBERSHIP

AcademyHealth 2024 - Present

Society for Prevention Research 2023 - Present

Society for Research on Nicotine and Tobacco 2021 - Present

Public Health Association of Nebraska 2020 -2021

American Public Health Association 2017 -2022

Core group 2017 -2021

PROFESSIONAL DEVELOPMENT

NCFDD Faculty Success Program 2025

Qualtrics training 2025

NCFDD 2024 Teaching Toolkit Program 2024

Writing Across the Curriculum Academy 2024

Moderation and Mediation Analysis Workshop 2023

Compass Leadership and Management Training and Mentoring of Early-Career Researchers 2023

2023 Population Assessment of Tobacco and Health (PATH) Study Data User Workshop: Making Nationally

Representative Inferences from the PATH Study Data 2023

Research Mentor Training, Center for the Improvement of Mentored Experiences in Research 2023

Introduction to R workshop 2023

Navigating Difficult Conversation in Classes – Faculty Teaching Webinar 2023

Leading and Managing Teams and Organizations 2023

Translating Scientific Research into Policy: Tobacco Regulatory Science Workshop 2023

PHS Diversity Statement Workshop 2023

Edge for Scholars Online Grant Writing Workshop 2022

Write Winning NIH Grant Proposals- John Robertson 2022

Simulation Modeling for Tobacco Use, Health Effects, and Policy 2022

Complex System Modeling for Public Health Research 2022

Mentoring Up 2022

Center for Coordination of Analytics, Science, Enhancement, and Logistics (CASEL) in Tobacco Regulatory

Science (TRS) Journal club 2021 -Present

Tobacco Online Policy Seminar (TOPS) 2021 -Present

Teaching Online: Course Design, Delivery, and Teaching Presence 2020

UNMC Graduate Studies Dissertation Boot Camp	2020
Geographic Information System (GIS) training by ESRI	2017
HIPPA training	2017
Ethics and Responsible Conduct in Research	2017
Nebraska Health Policy Short Course	2017
Sex Trafficking Seminar Series	2017
Global “Switch from tOPV (Trivalent Oral Polio Vaccine) to bOPV (Bivalent Oral Polio Vaccine)” under Polio End Game Strategy by Global Polio Eradication initiative (GPEI)	2016
New Vaccine Rollout – Pentavalent & Inactivated Polio Vaccine	2015
Measles Elimination & Rubella Control Surveillance	2014
Intensified Routine Immunization Program	2013
Technical Support, Monitoring and Evaluation of National & Sub-national Immunization Days Routine Immunization	2012
Acute Flaccid Paralysis (AFP) Surveillance	2012
Biomedical Waste Management Training	2008

AWARDS & SCHOLARSHIPS

Health Science Author Recognition Award, ECU	2024
Carruth J. Wagner Scholar in Public Health, UNMC	2020 -2021
Oral Presentation APHA Conference Travel Award, UNMC	2019
Carruth J. Wagner Scholar in Public Health, UNMC	2018 -2019
Graduate Research Assistantship Scholarship, UNMC	2016 -2021
Certificate of Appreciation for India's triumph over Polio, World Health Organization & Ministry of Health & Family Welfare Govt. of India	2014

DATA ANALYTICAL SOFTWARE

Stata
ArcGIS from ESRI
SAS (Statistical Analysis Software)
SPSS (Statistical Package for the Social Sciences)
SIMS (Surveillance Information Management System)
RIMS (Routine Immunization Information System)