

Sonali S. Salunkhe, MD, PhD, MPH

College of Business | Idaho State University
921 South 8th Ave., Stop 8020, Pocatello, ID 83209-8020
sonalisalunkhe@isu.edu | (208)282-3793

EDUCATION

University of Louisville Doctor of Philosophy in Public Health Sciences Major: Health Management and Policy Concentration: Health Policy Research Dissertation: <i>Inpatient Department Hospital Utilization among Pregnant Women with Spinal Cord Injury and Paralysis in the U.S.</i> Dissertation Committee: <i>Liza M. Creel, PhD, MPH (chair), Christopher E. Johnson, PhD, Beatrice Ugiliweneza, PhD, MSPH, Robert M. Carini, PhD</i>	Louisville, KY May 2023
University of Louisville Master of Public Health Concentration: Health Policy	Louisville, KY May 2019
Saratov State Medical University Doctor of Medicine	Saratov, Russia June 2011

EMPLOYMENT

Idaho State University College of Business Department of Management <i>Assistant Professor of Healthcare Administration (tenure track)</i>	Pocatello, ID August 2023 - present
University of Louisville School of Public Health and Information Sciences Department of Health Management and Systems Sciences NSF Center for Health Organization Transformation <i>Graduate Research Assistant</i>	Louisville, KY January 2019 – May 2023
University of Louisville School of Medicine Department of Infectious Disease <i>Research Assistant</i>	Louisville, KY Dec. 2017 to Nov. 2018
Dr. Balabhai Nanavati Hospital Accident and Emergency Department <i>Emergency Medical Officer</i>	Mumbai, India Feb. 2017 to July 2017

Jaslok Hospital and Research Centre
Emergency Medical Services
Emergency Medical Officer

Mumbai, India
Feb. 2016 to Sep. 2016

TEACHING EXPERIENCE

Idaho State University
College of Business

Primary Instructor 2024 (Fall)

HCA 5575-01: Health Law and Bioethics

HCA 4475-01: Health Law and Bioethics

HCA 1115-01: Global Health Systems (Asynchronous online)

HCA 1115-02: Global Health Systems (In-person)

HCA 1115-H1: Global Health Systems (Honors section, In-person)

Primary Instructor 2024 (Spring)

HCA 6615-01: Health Services Management

HCA 1115-01: U.S. Health System (Asynchronous online)

HCA 1115-02: U.S. Health System (In person)

Primary Instructor 2023 (Fall)

HCA 1115-01: U.S. Health System (Asynchronous online)

HCA 1115-02: U.S. Health System (In person)

Idaho State University
Physician Assistant Program

Guest Lecturer 2023 (Fall)

Topic: Healthcare Insurance, Managed Care, & Health Care Accreditation

University of Louisville
School of Public Health and Information Sciences

Co-Instructor 2022 (Fall)

PHMS 501: Introduction to Public Health and Administration

Co-Instructor 2021 (Fall)

PHMS 501: Introduction to Public Health and Administration

Guest Lecturer 2021 (Fall)

PHMS 662: Health Economics

Topic: A Manager's Guide to Government in the Marketplace

RESEARCH INTERESTS

Access to healthcare; healthcare disparities; health services research; health policies; health economics; maternal and child health; social determinants of health.

PEER-REVIEWED PUBLICATIONS

- Salunkhe, S.S.**, Alzahrani, S., & Ugiliweneza, B. (2023). Disparities in mortality between Appalachian and non-Appalachian regions of Kentucky. *Journal of Appalachian Health*, 5(3), 38-52. <https://doi.org/10.13023/jah.0503.04>
- Ezekekwa, E., **Salunkhe, S. S.**, Jennings, J., & Kelly Pryor, B. N. (2021). Community-based and system-level interventions for improving food ecurity and nutritious food consumption: A systematic review. *Journal of Hunger and Environmental Nutrition*, 1-21. doi: 10.1080/19320248.2021.2021120
- Lister, C., **Salunkhe, S. S.**, O’Keefe, M., Payne, H., & Edmonds, T. (2021). Cultural wellbeing index: A dynamic cultural analytics process for measuring and managing organizational inclusion as an antecedent condition of employee wellbeing and innovation capacity. *Journal of Organizational Psychology*, 21(4), 21-40. <https://doi.org/10.33423/jop.v21i4>
- Karimi, S. M.⁺, **Salunkhe, S. S.⁺**, White, K. B.⁺, Little, B. B., McKinney, W. P., Mitra, R., Chen, Y., Adkins, E. R., Barclay, J. A., Ezekekwa, E., He, C. X., Hurst, D. M., Popescu, M. M., Swinney, D. N., Johnson, D. A., Hollenbach, R., Moyer, S. S., & DuPré, N. C. (2021). Prevalence of unmasked and improperly masked behavior in indoor public areas during the COVID-19 pandemic: Analysis of a stratified random sample from Louisville, Kentucky. *PloS one*, 16(7), e0248324. <https://doi.org/10.1371/journal.pone.0248324>
- Edmonds, T., Drake, H., Miller, J., Trabue, N., Lister, C., **Salunkhe, S. S.**, O’Keefe, M., Alzahrani, S., White, K., & Levinson, A. (2021). A framework for integrating arts, science, and social justice into culturally responsive public health communication and innovation designs. *Health Promotion Practice*, 22(1_suppl), 70S-82S. <https://doi.org/10.1177/1524839921996796>
- Karimi, S.⁺, **Salunkhe, S. S.⁺**, White, K.⁺, Alzahrani, S., Little, B., Chen, Y., McKinney, W. P., Mitra, R., Popescu, M. M., Adkins, E. R., Barclay, J. A., Ezekekwa, E., He, C. X., Hurst, D. M., Kothagadi, A. R., Shakib, S. H., Swinney, D. N., Johnson, D. A., Hollenbach, R., Moyer, S. S., & DuPré, N. C. (2021). Facial mask use and COVID-19 protection measures in Jefferson County, Kentucky: Results from an observational survey, November 5–11, 2020. *The University of Louisville Journal of Respiratory Infections*, 5(1), Article no. 7. doi:10.18297/jri/vol5/iss1/7
- O’Keefe, M., **Salunkhe, S. S.**, Lister, C., Johnson, C., & Edmonds, T. (2020). Quantitative and qualitative measures to assess organizational inclusion: A systematic review. *Journal of Business Diversity*, 20(5), 49-70. doi:<https://doi.org/10.33423/jbd.v20i5.3928>
- Alhasan, F., **Salunkhe, S.**, & Lippmann, S. (2019). Ebola 101. *Southern Medical Journal*, 112(1), 54. doi:10.14423/smj.0000000000000909

⁺Authors had an equal contribution to the manuscript.

SELECTED ORAL PRESENTATIONS

- Salunkhe, S. S.***, Ugiliweneza, B., Carini, R. M., Johnson, C. E., & Creel, L. M. (2024). *“Assessment of the non-delivery related healthcare utilization for pregnant women with spinal cord injury or paralysis in the United States.”* The American Public Health Association 2024 Annual Meeting & Expo. Minneapolis, MN. October 2024. (Accepted for oral presentation).
- Salunkhe, S. S.***, Alzahrani, S., Wang, D., & Ugiliweneza, B. (2022). *“Trends and hospital care burden of abuse and neglect in individuals with spinal cord injury.”* The American Public Health Association 2022 Annual Meeting & Expo. Boston, MA. November 2022.
- Salunkhe, S. S.***, Wang, D., Alzahrani, S. & Ugiliweneza, B. *“Insurance disparities in twelve-month healthcare utilization and cost in children with idiopathic scoliosis undergoing surgery.”* The American Public Health Association 2021 Annual Meeting & Expo (Virtual). Denver, CO. October 2021.
- Salunkhe, S. S.*** & Ugiliweneza, B. *“Disparities in drug-related mortality in Appalachian and non-Appalachian regions of Kentucky.”* The 2nd Edition of Global Conference on Addiction Medicine, Behavioral Health and Psychiatry (Virtual). Orlando, FL. October 2021.
- Salunkhe, S. S.***, Wang, D., Alzahrani, S., Boakye, M., & Ugiliweneza, B. *“The effect of the Patient Protection Affordable Care Act on Glioblastoma Multiforme cancer care and outcomes.”* The 7th International conference on Public Health 2021 (Virtual). Sri Lanka. August 2021.
- Karimi, S. M.*, **Salunkhe, S. S.**, White, K., Little, B., McKinney, W. P., DuPre, N., Mitra, R., Shakib, S., Chen, Y., Adkins, E., Alobaydullah, A., Alzahrani, S., Barclay, J., Ezekekwa, E., He, C., Hurst, D., Kothagadi, A., Popescu, M., Swinney, D., Johnson, D., Hollenbach, R., & Moyer, S. *“Observing Mask Use in the Jefferson County, KY: results from Stratified Random Sampling Studies.”* 2021 Kentucky Public Health Association Annual Conference (Virtual). April 2021.
- Karimi, S. M.*, Hamid, Z., LaZur, R., Little, B., McKinney, P. W., DuPre, N., Mitra, R., Chen, Y., Patel, N., **Salunkhe, S. S.**, Hollenbach, R., Moyer, S., Schutze, M. *“County and Regional Projections of COVID-19 Trends in Kentucky.”* 2021 Kentucky Public Health Association Annual Conference (Virtual). April 2021.
- Salunkhe, S. S.*** & Ugiliweneza, B. *“Drug-related mortality in association with diversity, earnings and geographic elevation in Kentucky counties.”* The 14th Annual Graduate Student Regional Research Conference (Virtual). March 2021.
- Salunkhe, S. S.*** & Edmonds, T. *“Cultural Wellbeing Index: A Scientific Approach Using Public Health to Improve Business.”* Breakout Session at 2020 National Network of Public Health Institutes Annual Conference (Cancelled due to COVID-19). New Orleans, LA. May 2020.

*Presenter

SELECTED POSTER PRESENTATIONS

- Salunkhe, S. S.***, Alzahrani, S., Wang, D., & Ugiliweneza, B. (2024). *“Hospital Care Burden for Pediatric Patients with Spinal Cord Injury in the United States”* The 2024 AcademyHealth Annual Research Meeting. Baltimore, MD. June 2024.
- Salunkhe, S. S.***, Creel, L. M., Carini, R. M., Johnson, C. E., & Ugiliweneza, B. (2024). *“Delivery-related Healthcare Utilization among Pregnant Women with Spinal Cord Injury or Paralysis in the United States.”* The 2024 AcademyHealth Annual Research Meeting. Baltimore, MD. June 2024.
- Salunkhe, S. S.***, Ugiliweneza, B., Carini, R. M., Johnson, C. E., & Creel, L. M. (2023). *“Impact of Spinal Cord Injury or Paralysis on the Healthcare Utilization of Pregnant Women in the United States.”* The American Public Health Association 2023 Annual Meeting & Expo. Atlanta, GA. November 2023.
- Salunkhe, S. S.***, Alzahrani, S., Wang, D., & Ugiliweneza, B. (2023). *“Trends and burden of pediatric non-traumatic spinal cord injury care in the United States.”* The 2023 AcademyHealth Annual Research Meeting. Seattle, WA. June 2023.
- Salunkhe, S. S.***, Alzahrani, S., Denghzi, W., Boakye, M., & Ugiliweneza, B. (2023). *“Racial Disparities and the Effect of the Patient Protection and Affordable Care Act on Glioblastoma Multiforme Cancer Care and Outcomes.”* The 2023 AcademyHealth Annual Research Meeting. Seattle, WA. June 2023.
- Salunkhe, S. S.***, Creel, L. M., Carini, R. M., Johnson, C. E., & Ugiliweneza, B. (2023). *“Delivery-related Healthcare Utilization among Pregnant Women with Spinal Cord Injury or Paralysis in the United States.”* The 2023 Kentucky Public Health Association Annual Conference. Bowling Green, KY. April 2023.
- Salunkhe, S. S.**, Alzahrani, S.*, & Ugiliweneza, B. (2022). *“Disparities in Mortality between Appalachian and Non-Appalachian Regions of Kentucky.”* The 2022 AcademyHealth Annual Research Meeting. June 2022.
- Salunkhe, S. S.***, Alzahrani, S., Denghzi, W., Boakye, M., & Ugiliweneza, B. (2022). *“Racial Disparities and the Effect of the Patient Protection and Affordable Care Act on Glioblastoma Multiforme Cancer Care and Outcomes.”* The 2022 Kentucky Public Health Association Annual Conference. Bowling Green, KY. April 2022.
- Ezekekwa, E., **Salunkhe, S. S.***, Jennings, J.C., & Kelly-Pryor, B.N. (2022). *“Systematic Review of Effective Community-Based and System Level Interventions for Improving Food Security.”* The CHOT 2022 Spring IAB Meeting. Louisville, KY. March 24, 2022.
- Salunkhe, S. S***, Wang, D., & Ugiliweneza, B. (2021). *“Trend and hospital care burden of abuse and neglect in pediatric spinal cord injury.”* Research Louisville 2021. Louisville, KY. October 27, 2021.

Salunkhe, S. S.* (2021). *“The effects of Medicaid Expansion under the Affordable Care Act on the quality of cancer care: A systematic review.”* The American Public Health Association 2021 Annual Meeting & Expo (Virtual). Denver, CO. October 2021.

O’Keefe, M., **Salunkhe, S. S.***, Lister, C., Johnson, C., & Edmonds, T. (2021). *“Quantitative and qualitative measures to assess organizational inclusion: A Systematic Review.”* The 2021 AcademyHealth Annual Research Meeting (Virtual). June 2021.

Salunkhe, S. S.*, Brown, A., & Edmonds, T. (2021). *“Arts-based interventions and emotional wellbeing of the youth: A systematic review.”* The 2021 Kentucky Public Health Association Annual Conference (Virtual). April 2021.

Salunkhe, S. S.* & Ugiliweneza, B. (2021). *“Drug-related mortality in association with diversity, earnings and geographic elevation in Kentucky counties.”* The 14th Annual Graduate Student Regional Research Conference (Virtual). March 2021.

Salunkhe, S.S. (2020). *“Association between socio-demographic factors and sleep duration.”* Won the Delta Omega Student Poster Competition 2020. The American Public Health Association 2020 Annual Meeting & Expo (Virtual). San Francisco, CA. October 2020.

Ezekekwa, E.*, **Salunkhe, S. S.**, Jennings, J.C., & Kelly-Pryor, B.N. (2020). *“Systematic Review of Effective Community-Based and System Level Interventions for Improving Food Security.”* The 2020 AcademyHealth Annual Research Meeting (Virtual). Boston, MA. June 2020.

Salunkhe, S. S.*, & Edmonds, T. (2019). *“Cultural Wellbeing, Inclusion and Innovation Capacity in the Careforce- Specific focus: Non-clinical Home Care Workers.”* The CHOT 2019 Fall IAB Meeting. Seattle, WA. October 17, 2019.

*Presenter

SELECTED NON-PEER REVIEWED ARTICLES, REPORTS, AND RESEARCH BRIEFS

Johnson, C. E., **Salunkhe, S. S.**, Eggen, M., & Curnutte, M. (2021). *All Payer Claims Databases.* Report prepared for Foundation for Healthy Kentucky.

Karimi, S.⁺, **Salunkhe, S. S.⁺**, White, K.⁺, Little, B., McKinney, W. P., Mitra, R., Chen, Y., Adkins, E. R., Barclay, J. A., Ezekekwa, E., He, C. X., Hurst, D. M., Popescu, M. M., Swinney, D. N., Johnson, D. A., Hollenbach, R., Moyer, S. S., & DuPré, N. C. (2021). Stratified Random Sampling Methodology for Observing Community Mask Use within Indoor Settings: Results from Louisville, Kentucky during the COVID-19 Pandemic. *bioRxiv* 2021.02.25.432837; doi: <https://doi.org/10.1101/2021.02.25.432837>

Karimi, S. M., Zarei, H., DuPre, N., **Salunkhe, S. S.**, Patel, N., Mitra, R., & Little, B. (2020). Projecting COVID-19 Deaths and Hospitalizations for Region 4 of the Kentucky Regional Hospital Preparedness Program (HPP) Coalition from August 18 to October 17, 2020. *The*

University of Louisville School of Public Health and Information Science. Retrieved from <http://louisville.edu/sphis/documents-and-pdfs/Region4ProjectionsAug2020v13ADA.pdf>

- Salunkhe, S.,** Brown, A., & Edmonds, T. (2019). *IDEAS xLab: Our Emotional Wellbeing: Midpoint-1 Preliminary Data Analyses*. Report prepared for IDEAS xLab. Louisville, KY. October 2019.
- Edmonds, T., Lister, C., O’Keefe, M., and **Salunkhe, S.** (2019). *HomeInstead: Cultural Wellbeing: A scientific approach to improving organizational performance through employee and community engagement*. Research Brief for HomeInstead Organization. Louisville, KY. September 2019.
- Salunkhe, S.,** Alzahrani, S., and Jennings, J.C. (2019). *Humana Foundation: Louisville Population Health Data*. Report prepared for the Humana Foundation. Louisville, KY. July 2019.
- Salunkhe, S.,** Johnson, R., Alzahrani, S., and Jennings, J.C. (2019). *Humana Foundation: Tampa Bay Population Health Data*. Report prepared for the Humana Foundation. Louisville, KY. June 2019.
- Salunkhe, S.,** Alzahrani, S., Johnson, R., and Jennings, J.C. (2019). *Humana Foundation: Duval County Population Health Data*. Report prepared for the Humana Foundation. Louisville, KY. June 2019.
- Johnson, R., Alzahrani, S., **Salunkhe, S.,** and Jennings, J.C. (2019). *Humana Foundation: Broward County Population Health Data*. Report prepared for the Humana Foundation. Louisville, KY. June 2019.

HONORS

- 2023 First place, Outstanding Student Poster Presentation, The 2023 Kentucky Public Health Association Annual Conference
- 2022 Third place, Outstanding Student Poster Presentation, The 2022 Kentucky Public Health Association Annual Conference
- 2021 Trailblazer Award/EPIC Innovator, University of Louisville
- 2021 Second place, Outstanding Graduate Student Oral Presentation, 14th Annual Graduate Student Regional Research Conference
- 2020 Winner, Delta Omega National Student Poster Competition
- 2019 University Fellowship Recipient, University of Louisville
- 2019 Inductee, Delta Omega Honorary Society in Public Health
- 2019 Dean’s Award, University of Louisville
- 2018 Third place, Best Idea- StAMINA Youth Mental Ideathon, Kentuckiana Health Collaborative
- 2017 Tuition Scholarship Award, University of Louisville

PROFESSIONAL AFFILIATIONS

Board Member, Idaho Association of Free and Charitable Clinics (2024 – present)
Inductee, Delta Omega Honorary Society in Public Health (2019 – present)
Member, Association of University Programs of Health Administration (2023 – present)
Member, AcademyHealth (2021 – present)
Member, American Public Health Association (2020 – present)