

College of Public Health
University of Nebraska Medical Center
Publications
1st Quarter 2023

Aaron Nathan Barksdale, Wood, M. G., Branecki, C. E., Zimmerman, B., Lyden, E., Nguyen, T. T., Hatfield, A., Koepsell, S., Langenfeld, J., Zeger, W. G., & Wadman, M. C. (2023). Incidence of unknown COVID-19 infection in a cohort of emergency physicians and advance practice providers. *American Journal of Emergency Medicine*, 64, 155–160. Scopus. <https://doi.org/10.1016/j.ajem.2022.12.012>

Almahmoud, H., Al-Bsheish, M., Cozad, M., Shams, T., & Almahmoud, H. (2023). The three major themes of women's birthing experiences: A qualitative study in Saudi National Guard hospitals. *World Medical and Health Policy*. Scopus. <https://doi.org/10.1002/wmh3.565>

Almeida, F. A., You, W., Brito, F. A., Alves, T. F., Goessl, C., Wall, S. S., Seidel, R. W., Davy, B. M., Greenawald, M. H., Hill, J. L., & Estabrooks, P. A. (2023). A randomized controlled trial to test the effectiveness of two technology-enhanced diabetes prevention programs in primary care: The DiaBEAT-it study. *Frontiers in Public Health*, 11. Scopus. <https://doi.org/10.3389/fpubh.2023.1000162>

Bendixsen, C. G., Ramos, A. K., & Holmes, S. M. (2023). Structural Competency and Agricultural Health and Safety: An Opportunity to Foster Equity within Agriculture. *Journal of Agromedicine*, 28(1), 45–52. Scopus. <https://doi.org/10.1080/1059924X.2022.2148148>

Carlo, G., McGinley, M., Maiya, S., & Ramos, A. K. (2023). Associations of Work-Related Injuries and Stress to Family and Youth Wellbeing among U.S. Latino/a Immigrant Cattle Feedyard Workers. *International Journal of Environmental Research and Public Health*, 20(4). Scopus. <https://doi.org/10.3390/ijerph20043361>

Cavallera, V., Lancaster, G., Gladstone, M., Black, M. M., McCray, G., Nizar, A., Ahmed, S., Dutta, A., Anago, R. K. E., Brentani, A., Jiang, F., Schönbeck, Y., McCoy, D. C., Kariger, P., Weber, A. M., Raikes, A., Waldman, M., Van Buuren, S., Kaur, R., ... Janus, M. (2023). Protocol for validation of the Global Scales for Early Development (GSED) for children under 3 years of age in seven countries. *BMJ Open*, 13(1). Scopus. <https://doi.org/10.1136/bmjopen-2022-062562>

Chaguza, C., Hahn, A. M., Petrone, M. E., Zhou, S., Ferguson, D., Breban, M. I., Pham, K., Peña-Hernández, M. A., Castaldi, C., Hill, V., Billig, K., Earnest, R., Fauver, J. R., Kalinch, C. C., Kerantzas, N., Koch, T. R., De Kumar, B., Landry, M. L., Ott, I. M., ... Yale SARS-CoV-2 Genomic Surveillance Initiative. (2023). Accelerated SARS-CoV-2 intrahost evolution leading to distinct genotypes during chronic infection. *Cell Reports Medicine*, 4(2). Scopus. <https://doi.org/10.1016/j.xcrm.2023.100943>

Cheemarla, N. R., Hanron, A., Fauver, J. R., Bishai, J., Watkins, T. A., Brito, A. F., Zhao, D., Alpert, T., Vogels, C. B. F., Ko, A. I., Schulz, W. L., Landry, M. L., Grubaugh,

N. D., van Dijk, D., & Foxman, E. F. (2023). Nasal host response-based screening for undiagnosed respiratory viruses: A pathogen surveillance and detection study. *The Lancet Microbe*, 4(1), e38–e46. Scopus. [https://doi.org/10.1016/S2666-5247\(22\)00296-8](https://doi.org/10.1016/S2666-5247(22)00296-8)

Chiou, K. S., Feiger, J. A., Cissne, M., Garlinghouse, M., Reisher, P., Higgins, K., Rajaram, S., & DiLillo, D. (2023). Survey of depressive symptomatology in brain injury resulting from intimate partner violence. *Brain Injury*, 37(2), 159–169. Scopus. <https://doi.org/10.1080/02699052.2022.2158220>

Cochran, T., Patel, S., Kruse, T., Lyden, E., Comer, S., & Ford, J. (2023). Sensitivity and Specificity of Whole-body MRI for the Detection of Pediatric Malignancy. *Journal of Pediatric Hematology/Oncology*, 45(1), E26–E30. Scopus. <https://doi.org/10.1097/MPH.0000000000002575>

Cozad, M. J., Lindley, L. C., Crosby, K., Alshareef, N., Kennedy, A. B., Merchant, G., Evans, P., & Horner, R. D. (2023). Patient Goals for Living with Rheumatoid Arthritis: A Qualitative Study. *Clinical Nursing Research*, 32(1), 40–48. Scopus. <https://doi.org/10.1177/10547738221075784>

Crotty, K., Anton, P., Coleman, L. G., Morris, N. L., Lewis, S. A., Samuelson, D. R., McMahan, R. H., Hartmann, P., Kim, A., Ratna, A., Mandrekar, P., Wyatt, T. A., Choudhry, M. A., Kovacs, E. J., McCullough, R., & Yeligar, S. M. (2023). A critical review of recent knowledge of alcohol's effects on the immunological response in different tissues. *Alcoholism: Clinical and Experimental Research*, 47(1), 36–44. Scopus. <https://doi.org/10.1111/acer.14979>

Dai, H. D., & Leventhal, A. M. (2023). Use of Traditional Smokeless, Snus, and Dissolvable Tobacco Among U.S. Youth. *American Journal of Preventive Medicine*, 64(2), 204–212. Scopus. <https://doi.org/10.1016/j.amepre.2022.09.011>

Dai, R., & Zheng, C. (2023). False discovery rate-controlled multiple testing for union null hypotheses: A knockoff-based approach. *Biometrics*. Scopus. <https://doi.org/10.1111/biom.13848>

Davis, D., Kern-Allely, S., Muldoon, L., Tudela, J. M., Tudela, J., Raho, R., Pangelinan, H. S., Palacios, H., Tabaguel, J., Hinson, A., Lifoifoi, G., Villagomez, W., Fauver, J. R., Cash, H. L., Muña, E., Casey, S. T., & Khan, A. S. (2023). How the Commonwealth of the Northern Mariana Islands stalled COVID-19 for 22 months and managed its first significant community transmission. *Western Pacific Surveillance and Response Journal: WPSAR*, 14(1), 1–10. Scopus. <https://doi.org/10.5365/wpsar.2023.14.1.965>

Dhakal, P., Lyden, E., Joshi, U., Pyakuryal, A., Loh, K. P., Klepin, H., & Bhatt, V. R. (2023). Comorbidity burden and outcomes of older adults with acute promyelocytic leukemia: A National Cancer Database analysis of 2221 patients. *Leukemia and Lymphoma*, 64(3), 691–697. Scopus. <https://doi.org/10.1080/10428194.2023.2165394>

Dong, J., Shi, H., Wang, L., Zhang, Y., & Cao, J. (2023). Jointly modelling multiple transplant outcomes by a competing risk model via functional principal component analysis. *Journal of Applied Statistics*, 50(1), 43–59. Scopus.

<https://doi.org/10.1080/02664763.2021.1981256>

Doose, M., Verhoeven, D., Sanchez, J. I., McGee-Avila, J. K., Chollette, V., & Weaver, S. J. (2023). Clinical Multiteam System Composition and Complexity among Newly Diagnosed Early-Stage Breast, Colorectal, and Lung Cancer Patients with Multiple Chronic Conditions: A SEER-Medicare Analysis. *JCO Oncology Practice*, 19(1), E33–E42. Scopus. <https://doi.org/10.1200/OP.22.00304>

Gannon, E., Freeman, M., Cornett, C., Vincent, S., Powers, S., & Lyden, E. (2023). The Effects of Liposomal Bupivacaine on Long-term Outcomes and Decreasing Immediate Postoperative Opioid Use Following One-level and Two-level Posterior Lumbar Fusions. *Clinical Spine Surgery*, 36(1), E29–E34. Scopus.

<https://doi.org/10.1097/BSD.0000000000001354>

Gibbs, J. L., Sheridan, C. E., Yoder, A., Beseler, C., & Rautiainen, R. (2023). Self-reported Quad Bike Use, Safety Behaviors, and Safety Awareness among Young Adults in U.S. and Canadian Agriculture. *Journal of Agromedicine*, 28(1), 18–27. Scopus.

<https://doi.org/10.1080/1059924X.2022.2141408>

Gonzales, R., Ratnapradipa, K., De Alba, A., Chen, K., Smith, L., Kim, J., Wang, H., & Farazi, P. A. (2023). Awareness and knowledge of Colorectal Cancer Screening among Latinos in Omaha, Nebraska. *Journal of Immigrant and Minority Health*, 25(1), 161–167. Scopus. <https://doi.org/10.1007/s10903-022-01358-0>

Haney, S. L., Feng, D., Chhonker, Y. S., Varney, M. L., Williams, J. T., Smith, L. M., Ford, J. B., Murry, D. J., & Holstein, S. A. (2023). Evaluation of geranylgeranyl diphosphate synthase inhibition as a novel strategy for the treatment of osteosarcoma and Ewing sarcoma. *Drug Development Research*, 84(1), 62–74. Scopus.

<https://doi.org/10.1002/ddr.22012>

Hays, M. R., Kildow, B. J., Hartman, C. W., Lyden, E. R., Springer, B. D., Fehring, T. K., & Garvin, K. L. (2023). Increased Incidence of Methicillin-Resistant *Staphylococcus aureus* in Knee and Hip Prosthetic Joint Infection. *Journal of Arthroplasty*. Scopus.

<https://doi.org/10.1016/j.arth.2023.02.025>

Herstein, J. J., Figi, C. E., Le, A. B., Beam, E. L., Lawler, J. V., Schnaubelt, E. R., Carter, G. W., Lowe, J. J., & Gibbs, S. G. (2023). An Updated Review of Literature for Air Medical Evacuation High-Level Containment Transport During the Coronavirus Disease 2019 Pandemic. *Air Medical Journal*. Scopus.

<https://doi.org/10.1016/j.amj.2022.12.007>

Horner, R. D. (2023). The Unsettling Concept of Settled Science in Health Services Research. *Medical Care*, 61(1), 10–11. Scopus.

<https://doi.org/10.1097/MLR.0000000000001797>

Johnson, A. N., Dickinson, J., Nelson, A., Gaurav, R., Kudrna, K., Evans, S. E., Janike, K., Wyatt, T. A., & Poole, J. A. (2023). Effect of epithelial-specific MyD88 signaling pathway on airway inflammatory response to organic dust exposure. *Journal of Immunotoxicology*, 20(1). Scopus. <https://doi.org/10.1080/1547691X.2022.2148782>

Keeney, A. J., Beseler, C. L., & Ingold, S. S. (2023). County-level analysis on occupation and ecological determinants of child abuse and neglect rates employing elastic net regression. *Child Abuse and Neglect*, 137. Scopus. <https://doi.org/10.1016/j.chiabu.2023.106029>

King, K. M., Tchouankam, T., Shope, R., Idoate, R., Clarke, M., Su, D., & Johansson, P. (2023). Barriers and opportunities for promoting health professions careers among African American students in the Midwest. *Journal of the National Medical Association*. Scopus. <https://doi.org/10.1016/j.jnma.2023.01.007>

Lin, C.-H., Zahid, M., Kuo, W.-H., Hu, F.-C., Wang, M.-Y., Chen, I.-C., Beseler, C. L., Mondal, B., Lu, Y.-S., Rogan, E. G., & Cheng, A.-L. (2023). Estrogen-DNA Adducts and Breast Cancer Risk in Premenopausal Asian Women. *Cancer Prevention Research (Philadelphia, Pa.)*, 16(3), 153–161. Scopus. <https://doi.org/10.1158/1940-6207.CAPR-22-0415>

Madhav, K. C., Oral, E., Rung, A. L., Trapido, E., Rozek, L. S., Fontham, E. T. H., Bensen, J. T., Farnan, L., Steck, S. E., Song, L., Mohler, J. L., Khan, S., Vohra, S., & Peters, E. S. (2023). Prostate cancer aggressiveness and financial toxicity among prostate cancer patients. *Prostate*, 83(1), 44–55. Scopus. <https://doi.org/10.1002/pros.24434>

Marcelin, J. R., Khazanchi, R., Lyden, E., Cawcutt, K. A., Ha, D. R., Florez, N., Kullar, R., Ristagno, E. H., & Introduction of Speakers at IDWeek Events Observing for Unconscious Bias over Time (INSIDE-OUT) study group. (2023). Demographic Representation Among Speakers and Program Committee Members at the IDWeek Conference, 2013-2021. *Clinical Infectious Diseases : An Official Publication of the Infectious Diseases Society of America*, 76(5), 897–904. Scopus. <https://doi.org/10.1093/cid/ciac816>

McCray, G., McCoy, D., Kariger, P., Janus, M., Black, M. M., Chang, S. M., Tofail, F., Eekhout, I., Waldman, M., Van Buuren, S., Khanam, R., Sazawal, S., Nizar, A., Schönbeck, Y., Zongo, A., Brentani, A., Zhang, Y., Dua, T., Cavallera, V., ... Gladstone, M. (2023). The creation of the Global Scales for Early Development (GSED) for children aged 0-3 years: Combining subject matter expert judgements with big data. *BMJ Global Health*, 8(1). Scopus. <https://doi.org/10.1136/bmjgh-2022-009827>

Mccreery, R. J., Lyden, E., Anderson, M., & Van Schooneveld, T. C. (2023). Impact of a syndrome-specific antibiotic stewardship intervention on antipseudomonal antibiotic use in inpatient diabetic foot infection management. *Antimicrobial Stewardship and Healthcare Epidemiology*, 3(1). Scopus. <https://doi.org/10.1017/ash.2023.123>

Mikulski, T. R., Merickel, J., Gwon, Y., Sayles, H., Petro, A., Cannella, A., Snow, M. H., Feely, M., England, B. R., Michaud, K., & Rizzo, M. (2023). Vehicle Control as a Measure of Real-World Driving Performance in Patients With Rheumatoid Arthritis. *Arthritis Care and Research*, 75(2), 252–259. Scopus. <https://doi.org/10.1002/acr.24769>

Muralidharan, A., Bauer, C. D., Katafiasz, D. M., Strah, H. M., Siddique, A., Reid, S. P., Bailey, K. L., & Wyatt, T. A. (2023). Synergistic Detrimental Effects of Cigarette Smoke, Alcohol, and SARS-CoV-2 in COPD Bronchial Epithelial Cells. *Pathogens*, 12(3). Scopus. <https://doi.org/10.3390/pathogens12030498>

Muralidharan, A., Bauer, C., Katafiasz, D. M., Pham, D., Oyewole, O. O., Morwitzer, M. J., Roy, E., Bailey, K. L., Reid, S. P., & Wyatt, T. A. (2023). Malondialdehyde acetaldehyde adduction of surfactant protein D attenuates SARS-CoV-2 spike protein binding and virus neutralization. *Alcoholism: Clinical and Experimental Research*, 47(1), 95–103. Scopus. <https://doi.org/10.1111/acer.14974>

Newton, J., Silence, C., Rao, M., Vasquez, R., Plumage, D., Wescott, S., Tobey, M., & Kourosh, A. S. (2023). Improving access to dermatology for underserved regions of South Dakota: A need assessment. *Journal of the American Academy of Dermatology*. Scopus. <https://doi.org/10.1016/j.jaad.2023.02.008>

Nusrath, S., Thammineedi, S. R., Raju, K. V. V. N., Patnaik, S. C., Saksena, A. R., Karthik, J., Basude, M., Kumar J. P., Shukla, S., Rao, V. B., Kumar C. K., Gujjuru, S., Tewani, R., Rushdie, T., Sudhir, R., Smith, L. M., & Are, C. (2023). Factors associated with pathologic complete response following neoadjuvant chemoradiation and esophagectomy for carcinoma of esophagus and gastroesophageal junction. *Journal of Surgical Oncology*, 127(1), 48–55. Scopus. <https://doi.org/10.1002/jso.27103>

Ouattara, B. S., Beseler, C. L., & Rautiainen, R. H. (2023). Agricultural Injuries: Risk Factors and Severity by Affected Body Part among US (Midwest) Farmers. *Journal of Agromedicine*, 28(2), 214–223. Scopus. <https://doi.org/10.1080/1059924X.2022.2089421>

Qualls, K. A., Svyarenko, R., Cozad, M. J., Keim-Malpass, J., Huang, G., & Lindley, L. C. (2023). Geographic Information Systems Utilization in Pediatric End-of-Life Research: A Scoping Review. *American Journal of Hospice and Palliative Medicine*. Scopus. <https://doi.org/10.1177/10499091231165276>

Raikes, A., Sayre Mojgani, R., Heinzl-Nelson Alvarenga Lima, J., Davis, D., Cassell, C., Waldman, M., & Escalante, E. (2023). Profiles of Quality in Three Distinct Early Childhood Programs Using the Brief Early Childhood Quality Inventory (BEQI). *International Journal of Early Childhood*. Scopus. <https://doi.org/10.1007/s13158-022-00344-9>

Ramos, A. K., Dinkel, D., Trinidad, N., Carvajal-Suarez, M., Schmeits, K., Molina, D., & Boron, J. B. (2023). Acceptability of Intergenerational Physical Activity Programming: A Mixed Methods Study of Latino Aging Adults in Nebraska. *Journal of Aging and Health*. Scopus. <https://doi.org/10.1177/08982643231166167>

Ramos, A. K., & Reynaga, D. (2023). The TN Visa: The Future of Foreign Workers in Livestock Production. *Journal of Agromedicine*, 28(1), 81–85. Scopus. <https://doi.org/10.1080/1059924X.2022.2140734>

Ratnapradipa, K. L., Chen, K., Watanabe-Galloway, S., & Farazi, P. A. (2023). Cross-sectional Study of Colorectal Cancer Screening Barriers in a Latino-Serving Federally Qualified Health Center. *Journal of Cancer Education*, 38(1), 193–200. Scopus. <https://doi.org/10.1007/s13187-021-02097-w>

Rosenkranz, R. R., Dixon, P. M., Dzewaltowski, D. A., McLoughlin, G. M., Lee, J. A., Chen, S., Vazou, S., Lanningham-Foster, L. M., Gentile, D. A., & Welk, G. J. (2023). A cluster-randomized trial comparing two SWITCH implementation support strategies for school wellness intervention effectiveness. *Journal of Sport and Health Science*, 12(1), 87–96. Scopus. <https://doi.org/10.1016/j.jshs.2021.12.001>

Schildkraut, J. M., Johnson, C., Dempsey, L. F., Qin, B., Terry, P., Akonde, M., Peters, E. S., Mandle, H., Cote, M. L., Peres, L., Moorman, P., Schwartz, A. G., Epstein, M., Marks, J., Bondy, M., Lawson, A. B., Alberg, A. J., & Bandera, E. V. (2023). Survival of epithelial ovarian cancer in Black women: A society to cell approach in the African American cancer epidemiology study (AACES). *Cancer Causes and Control*, 34(3), 251–265. Scopus. <https://doi.org/10.1007/s10552-022-01660-0>

Schofield, K., Ramos, A., Weichelt, B., & Bent, B. (2023). Realities of Workers' Compensation Coverage for Agricultural Workers: Before, during, and into the Future of the COVID-19 Pandemic. *Journal of Agromedicine*, 28(1), 69–72. Scopus. <https://doi.org/10.1080/1059924X.2022.2147624>

Sharp, W. S., Svyarenko, R., Fornehed, M. L. C., Cozad, M. J., Keim-Malpass, J., Mack, J. W., Hinds, P. S., Mooney-Doyle, K., Mendola, A., & Lindley, L. C. (2023). Conceptualizing the Value of Pediatric Concurrent Hospice Care. *Journal of Hospice and Palliative Nursing*, 25(1), 31–38. Scopus. <https://doi.org/10.1097/NJH.0000000000000918>

Shrestha, P., Chu, Q. D., Hsieh, M.-C., Yi, Y., Peters, E. S., Trapido, E., Yu, Q., Ferguson, T., & Wu, X.-C. (2023). Distance to radiation therapy facility influences surgery type among older women with early-stage breast cancer. *Cancer Medicine*, 12(6), 6842–6852. Scopus. <https://doi.org/10.1002/cam4.5474>

Snider, N. G., Hastert, T. A., Nair, M., Kc, M., Ruterbusch, J. J., Schwartz, A. G., Peters, E. S., Stoffel, E. M., Rozek, L. S., & Purrington, K. S. (2023). Area-level Socioeconomic Disadvantage and Cancer Survival in Metropolitan Detroit. *Cancer Epidemiology, Biomarkers & Prevention : A Publication of the American Association for Cancer Research, Cosponsored by the American Society of Preventive Oncology*, 32(3), 387–397. Scopus. <https://doi.org/10.1158/1055-9965.EPI-22-0738>

Sundstrom, S. M., Angeler, D. G., Bell, J., Hayes, M., Hodbod, J., Jalalzadeh-Fard, B., Mahmood, R., VanWormer, E., & Allen, C. R. (2023). Panarchy theory for convergence. *Sustainability Science*. Scopus. <https://doi.org/10.1007/s11625-023-01299-z>

Svynarenko, R., Cozad, M. J., Mack, J. W., Keim-Malpass, J., Hinds, P. S., & Lindley, L. C. (2023). Application of Instrumental Variable Analysis in Pediatric End-of-Life Research: A Case Study. *Western Journal of Nursing Research*. Scopus. <https://doi.org/10.1177/01939459231163441>

Tang, S., Kapoor, E., Ding, L., Yu, A., Tang, W., Hang, Y., Smith, L. M., Sil, D., & Oupický, D. (2023). Effect of tocopherol conjugation on polycation-mediated siRNA delivery to orthotopic pancreatic tumors. *Biomaterials Advances*, 145. Scopus. <https://doi.org/10.1016/j.bioadv.2022.213236>

Urban, M., Moody, M., Lyden, E., Kinen, L., Castleberry, A. W., Siddique, A., Lowes, B. D., Stoller, D. A., Lungren, S. W., & Um, J. Y. (2023). Impact of donation after circulatory death heart transplantation on waitlist outcomes and transplantation activity. *Clinical Transplantation*. Scopus. <https://doi.org/10.1111/ctr.14942>

Watanabe-Galloway, S., Ratnapradipa, K., Hymel, E., High, R., & Farazi, P. A. (2023). Predictors of cancer risky and preventive behaviors among the Nebraska farmers population. *Journal of Rural Health*, 39(2), 392–401. Scopus. <https://doi.org/10.1111/jrh.12731>

Wendt, F. R., Garcia-Argibay, M., Cabrera-Mendoza, B., Valdimarsdóttir, U. A., Gelernter, J., Stein, M. B., Nivard, M. G., Maihofer, A. X., Choi, K. W., Coleman, J. R. I., Daskalakis, N. P., Denckla, C. A., Ketema, E., Morey, R. A., Polimanti, R., Ratanatharathorn, A., Torres, K., Wingo, A. P., Zai, C. C., ... Post-Traumatic Stress Disorder Working Group of the Psychiatric Genomics Consortium. (2023). The Relationship of Attention-Deficit/Hyperactivity Disorder With Posttraumatic Stress Disorder: A Two-Sample Mendelian Randomization and Population-Based Sibling Comparison Study. *Biological Psychiatry*, 93(4), 362–369. Scopus. <https://doi.org/10.1016/j.biopsych.2022.08.012>

Zhou, J., Zhang, Y., & Tu, W. (2023a). A reference-free R-learner for treatment recommendation. *Statistical Methods in Medical Research*, 32(2), 404–424. Scopus. <https://doi.org/10.1177/09622802221144326>

Zhou, J., Zhang, Y., & Tu, W. (2023b). ClusterMLD: An Efficient Hierarchical Clustering Method for Multivariate Longitudinal Data. *Journal of Computational and Graphical Statistics*. Scopus. <https://doi.org/10.1080/10618600.2022.2149540>