

**DEPARTMENT OF PUBLIC HEALTH SCIENCES**  
**FALL 2022 – PUBLICATIONS**

- Rennert L<sup>†</sup>**, Ma Z, McMahan C, Dean D (2022). Effectiveness and protection duration of COVID-19 vaccines and previous infection against any SARS-CoV-2 infection. *Nature Communications*; 13, 3946. <https://doi.org/10.1038/s41467-022-31469-z>
- Dietz CJ\***, **Sherrill WW**, **Stancil M\***, **Rennert L**, Parisi M, **McFall D\*** (2022). Health Extension for Diabetes: Impact of a Community-Based Diabetes Self-Management Support Program on Older Adults' Activation. *Diabetes Spectrum*. ds210054. <https://doi.org/10.2337/ds21-0054>
- Jing X**, Akash I, Hubig NC, Min H, Cimino JJ, Sitting D, **Rennert L**, Robinson D, Biondich P, Wright A, Nohr C, Law TD, Faxvaag A, **Gimbel RW** (2022). A systematic approach to configuring MetaMap for optimal performance. *Methods of Information in Medicine*. DOI: [10.1055/a-1862-0421](https://doi.org/10.1055/a-1862-0421)
- Martin B\***, **Witrick B\***, **Sivaraj LB\***, Tyler L, Devane M, **Gimbel R**, **Rennert L** (2022). Equivalent outcomes at lower costs for totally implantable venous access device (TIVAD) placement by interventional radiologists compared with surgeons. *Journal of Vascular and Interventional Radiology*.
- Lindros, S.H.\***, **Floyd, S.B.** Implementation of a Patient-Tailored Opioid Prescribing Guideline in Ventral Hernia Repair. *Journal of Surgical Research*. *Journal of Surgical Research*. In Press. Oct 2022.
- Jing X**, Patel VL, Cimino JJ, Shubrook JH, Zhou Y, Liu C, De Lacalle S. The Roles of a Secondary Data Analytic Tool and Experience in Scientific Hypothesis Generation in Clinical Research: A Study Design. *JMIR Research Protocols*, 2022. PMID: 35736798. DOI: 10.2196/39414
- Zhang L**, Gong R, **Shi L**, Wen M, Sun X, Yabroff KR, Han X. *Association of residential racial and economic segregation with cancer mortality in the US*. *JAMA Oncology*. 2022 Nov 17. doi: 10.1001/jamaoncol.2022.5382. <https://pubmed.ncbi.nlm.nih.gov/36394851/> (as of 12/14/22, this article has been in 68 news stores from 43 outlets and was ranked in the top 5% of all research outputs)
- C J Dietz\***, **W W Sherrill**, **S Ankomah\***, **L Rennert**, **M Parisi**, **M Stancil\***, *Impact of a community-based diabetes self-management support program on adult self-care behaviors*, *Health Education Research*, 2022; cyac034, <https://doi.org/10.1093/her/cyac034> (selected as Editor's Choice)
- Powell RA**, Ali Z, N Gikaara, S Qanungo, **Melikam ES\***, **Cartmell KB**; Research attitudes, practice and literacy among Kenyan palliative care healthcare professionals: an observational, cross-sectional online survey; *BMC Palliative Care*, (2022) 2:206, <https://doi.org/10.1186/s12904-022-01091-3>
- Luo, Y.**, **Mobley, C.**, **Hossfeld, L.\***, **Koob, C\*.**, **Hossfeld, C.**, **Baxter, S. L. K.**, & **Griffin, S. F.** (2022). The Association between Food Insecurity and Making Hunger-Coping Trade-Offs during the COVID-19 Pandemic: The Role of Sources of Food and Easiness in Food Access. *Nutrients*, 14(21), 4616. <https://doi.org/10.3390/nu14214616>
- Baxter, S.L.K.**, Jackson, E., Onufrank, S., Parisi, M.A., and **Griffin, S.F.** Differences in rural built environment perceptions across demographic and social environment characteristics. *Health promotion practice*, 23(1\_suppl), 44S–54S. <https://doi.org/10.1177/15248399221112868> **Nov 2022**

- Rennert L<sup>†</sup>, Howard KA,\*** Walker KB, Furmanek DL, Blackhurst VA, Cancellaro VA, Litwin AH (2022). Evaluation of Policies Limiting Opioid Exposure on Opioid Prescribing and Patient Pain in Opioid-Naïve Patients Undergoing Elective Surgery in a Large American Health System. *Journal of Patient Safety*. DOI: 10.1097/PTS.0000000000001088 December 2022
- Wu J, **Zhang L**, Kuchi A, Otohinoyi D, Hicks C. *CpG Site-Based Signature Predicts Survival of Colorectal Cancer*. *Biomedicines* 2022 Dec 7;10(12):3163. doi: 10.3390/biomedicines10123163
- Parisi, M., **McFall, D.(PHS Graduate\*)**, **Ankomah, S.\***, **Dietz, C. J. \***, **Kanny, S. \***, Jones, K. G., **Stancil, M\*., & Sherrill, W. W.** (2022). Know diabetes by heart: Education about the linkage between cardiovascular disease and diabetes. *Health Education Journal*, 0(0). <https://doi.org/10.1177/00178969221143218>
- Parisi, M., Lane, E., **Dye, C. J. (PHS Professor Emeritus)**, Matthews, R., **McFall, D (PHS Graduate\*)**, Bain, E., & **Sherrill, W. W.** (2022). Traditional and Virtual Hypertension Self-Management Health Education Program Delivered Through Cooperative Extension. *Journal of Human Sciences and Extension*, 10(3), 10. <https://scholarsjunction.msstate.edu/jhse/vol10/iss3/10/> DOI: <https://doi.org/10.55533/2325-5226.1435>
- Jing X**, Min H, Gong Y, Biondich P, Robinson D, Law T, Nøhr C, Faxvaag A, **Rennert L**, Hubig N, **Gimbel R**. Ontologies Applied in Clinical Decision Support System Rules: Systematic Review. *JMIR Med Inform*, sept. 2022 <http://dx.doi.org/10.2196/43053>
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- Floyd, S. B., Brooks, J. (2022)**. Assessing the Ability of Instrumental Variable Causal Forest Algorithm to Personalize Treatment Evidence Using Observational Data: The Case of Early Surgery for Shoulder Fracture. *BMC Medical Research Methodology*.
- Floyd, S. B., Sarasua, S. M., Pill, S., Shanley, E., Brooks, J. (2022)**. Factors Related to Initial Treatment for Adhesive Capsulitis in the Medicare Population. *BMC Geriatrics*.
- Floyd, S. B.** Personalized Evidence for Shoulder Fracture Patients Using the Instrumental Variable Causal Forest Algorithm. *BMC Methodology*. 2022.
- Walker, J., **Floyd, S. B.**, Smith, J., Jones, P., Boes, N., Lindros, S. H., Carroll, M., Thigpen, C., Pill, S., Kissenberth, M. ICD-10 Diagnostic Coding for Proximal Humerus Fracture Does Not Accurately Reflect Fracture Complexity Required for Surgical Decision Making. *JSES*. Clemson School of Nursing. 2022
- Sokoya, T., Zhou, Y., Diaz, S., Law, T., Himawan, L., Lekey, F., **Shi, L., Gimbel, R. W., Jing, X. (2022)**. Health Indicators as Measures of Individual Health Status and Their Public Perspectives: Cross-sectional Survey Study. *JOURNAL OF MEDICAL INTERNET RESEARCH*, 24(6).
- Koob, C.\***, Luo, Y., Mobley, C., Baxter, S. L. K., **Griffin, S. F., Hossfeld, C.\***, Hossfeld, L. H. (2022). Food insecurity and stress among rural residents in South Carolina: The moderating influences of household characteristics, neighborhood social environment and food environment. *Journal of Community Health*, 48(3), 367-380. Department of Sociology, Anthropology and Criminal Justice
- Baxter, S. L. K., Parisi, M. A., **Griffin, S. F. (2022)**. Differences in rural built

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- Martin, M., Roth, P., Niu, J., Pericot Valverde, I., **Heo, M.**, Padi, A., Norton, B., Akiyama, M., Litwin, A. (2022). Changes in alcohol use during hepatitis C treatment in persons who inject drugs. *Journal of Viral Hepatitis*.
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- Baxter, S. L. K., Parisi, M. A., **Griffin, S. F.** (2022). Differences in rural built environment perceptions across demographic and social environment characteristics. *Health Promotion Practice*, 23(1\_Supplement), 44S–54S.  
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- Zhang, L.**, Lopes, S., Lavelle, T., Jones, K. O., Chen, L., Jindal, M., Zinzow, H. M., Shi, L. (2022). Economic Evaluations of Mindfulness-Based Interventions: a Systematic Review. *MINDFULNESS*, 13(10), 2359-2378.
- Zhang, X., Mu, L., Zhang, D., Mao, Y., **Shi, L.**, Rajbhandari-Thapa, J., Chen, Z., Li, Y., Pagan, J. A. (2022). Geographical and Temporal Analysis of Tweets Related to COVID-19 and Cardiovascular Disease in the US. *ANNALS OF GIS*, 28(4), 491-500.
- Sokoya, T., Zhou, Y., Diaz, S., Law, T., Himawan, L., Lekey, F., **Shi, L.**, **Gimbel, R. W.**, Jing, X. (2022). Health Indicators as Measures of Individual Health Status and Their Public Perspectives: Cross-sectional Survey Study. *JOURNAL OF MEDICAL INTERNET RESEARCH*, 24(6).
- Zhang, D., Li, Y., Kalbaugh, C. A., **Shi, L.**, Divers, J., Islam, S., Annex, B. H. (2022).

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- Zhang, D., Li, G., **Shi, L.**, Martin, E., Chen, Z., Li, J., Chen, L., Li, Y., Wen, M., Chen, B., Li, H., Su, D., Han, X. (2022). Association between racial discrimination and delayed or forgone care amid the COVID-19 pandemic. *Preventive medicine*, 162, 107153.
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- Shi, L., Truong, K. D.** (2022). Dispensed Opioid Prescription Patterns, by Racial/ Ethnic Groups, Among South Carolina Medicaid- Funded Children Experiencing Limb Fracture Injuries. *Academic Pediatrics*.
- Li, H., Chen, B., Chen, Z., **Shi, L.**, Su, D. (2022). Americans' Trust in COVID-19 Information from Governmental Sources in the Trump Era: Individuals' Adoption of Preventive Measures, and Health Implications. *Health communication*, 1-10.
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