

SoPH Faculty Articles
Published and under revision
October 20, 2023

Biostatistics

Papers

Published or accepted

- Zhai Y, Xing C, **Fang Z**. Construction of optimal designs for quantile regression model via particle swarm optimization. *Journal of Korean Statistical Society* (accepted)
- Gordon WC, Kautzmann MI, Jun B, Cothorn ML, **Fang Z**, Bazan NG. Rod-specific downregulation of omega-3 very-long-chain polyunsaturated fatty acid pathway in age-related macular degeneration. *Exp Eye Res.* 2023;235:109639. PubMed PMID: 37659709.
- Kumar S and **Oral E.**, 2023, Assessment of first-phase COVID-19 pandemic in Europe using hierarchical clustering based on principal components analysis. *Journal of Autonomous Intelligence.* (accepted)
- **Mercante D**, Guarisco E, Lilly E., Rao A., Treas K, Beal, C, Thompson Z, Griffen A, Leys E, Vazquez J, Hagensee M, & Fidel P (2023). Current oral hygiene and recreational behavioral trends in HIV disease. *Clin and Exptl Dental Research*, 9, 721-32
- Ardoin TW, Perry E, Morgan C, Hymowitz J, **Mercante D**. The Design and Impact of a Clinic-Based Community Program on Food Insecurity, Healthy Eating Behaviors, and Mood. *Nutrients.* 2023; 15(20):4316.

Submitted (under revision)

- **Lin HY**, Zhu X, Mazumder H, Ronis M, Pedersen KB, Hagensee M. Serum Oxidative Biomarkers Associated with Genital HPV Infection and Cervical Lesions in Women. 2023 (submitted)

Behavioral & Community Health

Publications

- Publications from faculty staff and students
 - **Published—**
 - **Tseng, T** and **Li, M.** (2023). Building Trust in Vulnerable and Under-resourced Communities: Ethical Considerations in Research. Chapter 12 in *Ethics for Health Promotion and Health Education.* J Vogelzang ed. Elsevier, Inc.
 - **Ashley Wennerstrom** & Denise Octavia Smith (2023) **Labour exploitation among community health workers.** *Lancet Global Health.* Available [https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(23\)00409-](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(23)00409-)

[6/fulltext](#)

- Ravi, Harshan, Samuel H. Hawkins, Olya Stringfield, **Malesa Pereira**, Dung-Tsa Chen, Heiko Enderling, Hsiang-Hsuan Michael Yu, John A. Arrington, Solmaz Sahebjam, and Natarajan Raghunand. (2023) "Rules-based Volumetric Segmentation of Multiparametric MRI for Response Assessment in Recurrent High-Grade Glioma." *Scientific Reports*.
- [In press](#)—
 - **Melissa Evans, Rebekah Gee, Melinda Sothern, Stephen Phillippi**, Kat Theall, and **Joan Wightkin** (in press) Multilevel Barriers to Long-Acting Reversible Contraceptive Uptake: A Narrative Review. *Health Promotion Practice*
 - **Tseng, TS***, Lin, WT., Ting, PS., Huang, CK., Chen, PH, Lin, HY. Sugar-Sweetened Beverages (SSB) and Artificially Sweetened Beverage (ASB) Consumption and the Risk of Nonalcoholic Fatty Liver (NAFLD) and Nonalcoholic Steatohepatitis (NASH) Nutrients. *Nutrients* 2023, 15(18):3997. (In press)
 - [Accepted-](#)
 - **Wennerstrom A**, Sugarman M, Haywood CG, Jindal, D. True G. Roles and Responsibilities of Community Health Workers in Louisiana Medicaid Managed Care Organizations. *Journal of Ambulatory Care Management*. Accepted September 12, 2023.
 - [Li, M., Fritz, J., Gonzalez, G., Lenoardi, C., Phillippi, S., Trapido, E., Celestin, M., Yu, Q., Tseng, T.S.](#) * The Effect of Minority Stress Processes on Stage of Change and Nicotine Dependence Level for LGBTQ Smokers in the Deep South. *LGBT Health* 2023(Accepted).
- [Technical Reports, Study Briefs or Policy Briefs](#)
 - **Stephen Phillippi, Sara Crosby Juneau, and Kelsey Witmeier** (2023) Study Brief—*Focus Group Findings: Post SBIRT Implementation- Input from the field to improve FINS engagement, substance use screening & referral to treatment*. Written for the Louisiana Supreme Court's FINS-AP Office by the LSUSHC SPH Institute for Public Health and Justice. New Orleans, La.

Environmental & Occupational Health

Papers Submitted, Published and in Production (students underlined, faculty in bold)

- [Peluso V](#), [Gilliland A](#), **Brisolara K**, **Straif-Bourgeois S**, Pieper K, Pierce G, [Purchase J](#), Edwards M. **Katner A**. 2023 Observed and reported factors impacting adoption of point-of-use activated carbon faucet mount water filters in Louisiana households. *Journal of Louisiana Public Health Association*. Vol 3(3). Accepted- pending revisions.
- [Wait KD](#), Roy S, **Katner A**, [Purchase J](#), [Kriss R](#), Odimayomi T, Edwards M. 2023. Experiences in citizen science related to consumer perceptions of water safety (2011-2022). Submitted to *Environmental Science and Technology*. Decision pending.
- **Diaz JH**. Mite-Human Interactions: Nuisances, Vectors, Allergens, and Commensals. Elsevier, London, 2023. Textbook in production.

News Stories

- In fight to remove divisive Claiborne Expressway, activists turn to new strategy — an EPA study. Drew Hawkins, WWNO, Gulf States Newsroom, Sept 9, 2023. <https://www.wwno.org/gulf-states-newsroom>
- New Orleans “Monster” expressway highlights national debate over highway removal. ABC News, 9/20/2023. [LINK](#)
- Highway traffic pollution puts communities of color at greater health risk, data analysis shows. Nightline, Mark Nichols. 9/20/2023. [LINK](#)
- Does bottled water have a shelf life? When should it not be used? By whom? Interview with Dr. James **Diaz**, Fox-8 WVUE News with Liz Reyes, 9/27/2023

Epidemiology

New Publications by faculty and students

1. Gaffley M, **Hsieh MC**, Li T, Yi Y, Gibbs JF, **Wu XC**, Gallagher J, Chu QD. Rural versus urban commuting patients with stage III colon cancer: is there a difference in treatment and outcome? Surg Endosc. 2023 Sep 11. doi: 10.1007/s00464-023-10406-1. Epub ahead of print. PMID: 37697118.
2. **Mei-Chin Hsieh**; Christina Lefante; **Susanne Straif-Bourgeois**; Yong Yi; Natalie Gomez; **Pratibha Shrestha**; Vivien W Chen; **Xiao-Cheng Wu (2023)**: Racial/Ethnic and Socioeconomic Disparities in COVID-19 Infection among Working-Age Women with Precancerous Cervical Lesions. Frontiers in Epidemiology, Section Infectious Disease Epidemiology. DOI: 10.3389/fepid.2023.1108452
3. Zaorsky NG, Proudfoot JA, Jia AY, Zuhour R, Vince R Jr, Liu Y, Zhao X, Hu J, Schussler NC, Stevens JL, Bentler S, Cress RD, Doherty JA, Durbin EB, Gershman S, Cheng I, Gonsalves L, Hernandez BY, Liu L, Morawski BM, Schymura M, Schwartz SM, Ward KC, Wiggins C, **Wu XC**, Shoag JE, Ponsky L, Dal Pra A, Schaeffer EM, Ross AE, Sun Y, Davicioni E, Petkov V, Spratt DE. Use of the Decipher genomic classifier among men with prostate cancer in the United States. JNCI Cancer Spectr. 2023 Aug 31;7(5):pkad052. doi: 10.1093/jncics/pkad052. PMID: 37525535; PMCID: PMC10505256.
4. **Wu XC**, Yu Q, Yi Y, **Maniscalco LS**, **Hsieh MC**, Gruber D, Mendoza L, Subbiah S, Sokol T, **Shrestha P**, **Chen VW**, Mederos ET, Ochoa A. Effect of chronic disease on racial difference in COVID-19-associated hospitalization among cancer patients. J Natl Cancer Inst. 2023 Oct 9;115(10):1204-1212. doi: 10.1093/jnci/djad150. PMID: 37697664; PMCID: PMC10560601.

Presentations/Poster

5. **Dr. Bilikisu “Reni” Elewonibi** presented at the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities on Friday,

September 29 in _____. Title of the talk was “Impact Of The Patient Protection And Affordable Care Act on the Colorectal Cancer Landscape In Louisiana.

Bilikisu Elewonibi, Malesa Pereira, Yaqi Zou, and Donna Williams

6. Malesa Pereira (BCHS student) and Dr. **Bilikisu Elewonibi** presented a project entitled “Assessing patterns of cancer screening uptake, healthcare access and health status, and the county-level Social Vulnerability Index in Louisiana.” at the 16th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities.
7. **Dr. Bilikisu “Reni” Elewonibi** was a participant in President Biden’s panel on using technology to enhance patient navigation for cancer care on Tuesday, October 17.
8. **Dr. Peggy Honore** served as moderator of the Population Health session at the *Louisiana Center for Health Equity's 2023 Summit: Advancing Population Health, Equity, and Wellbeing*. The guest speaker for the session was LaQuandra Nesbitt, MD, MPH - George Washington University Senior Associate Dean for Population Health Sciences and Health Equity, and Executive Director of the [Center for Population Health Sciences and Health Equity](#).
9. **Dr. Deborah Wendell** –Guest Lecture. September 2023 Tulane SPH Epidemiology of Sexual Health course
10. **Dr. Deborah Wendell** - Co-author on an abstract accepted as an oral presentation for APHA 2023 in Atlanta, GA - "Monitoring Louisiana's hepatitis c elimination plan through the analysis of screening and treatment data"