

August 2023

## Faculty Articles

### Biostatistics:

#### Published or accepted (8 papers)

**Lin HY**, Zhu X, Aucoin AJ, Fu Q, Park JY, Tseng TS. Dietary and Serum Antioxidants Associated with Prostate-Specific Antigen for Middle-Aged and Older Men. *Nutrients*. 2023;15(15). PubMed PMID: 37571238; PMCID: PMC10420876.

Ottman R, Ganapathy K, **Lin HY**, Osterman CD, Dutil J, Matta J, Ruiz-Deya G, Wang L, Yamoah K, Berglund A, Chakrabarti R, Park JY. Differential Expression of miRNAs Contributes to Tumor Aggressiveness and Racial Disparity in African American Men with Prostate Cancer. *Cancers (Basel)*. 2023;15(8). PubMed PMID: 37190259; PMCID: PMC10136561.

Rosenbaum, N., **Yu, Q.**, Buzhardt, SA, Sutton, E., Chapple, AG, 2023. Inclusion of proxy variables in logistic regression improves treatment effect estimation in observational studies, *Pharmaceutical Statistics*. DOI: 10.1002/pst.2323.

Wu, X., **Yu, Q.**, Yi, Y., Maniscalco, L.S., Hsieh, M., Gruber, D. Mendoza, L., Subbiah, S., Sokol, T., Shrestha, P., Chen, W.V., Melderos, E, and Ochoa, A., 2023. Effect of Chronic Disease on Racial Difference in COVID-19-Associated Hospitalization among Cancer Patients. *Journal of the National Cancer Institute*.

Chauncey T., **Yu, Q.**, Armbruster, P. and Ballard, R.W., 2023. A Survey of White Spot Lesion Prevention and Resolution in U.S. Dental School Curricula. *Journal of Dental Education*. DOI: 10.1002/jdd.13313.

Moore B, Sheets G, Doss J, Umrigar A, Norman M, **Fang Z**, Prasad P, Musso A, Clay S, Tsien F. Is Methotrexate Ototoxic? Investigating the Ototoxic Late Effects of Pediatric Cancer Treatment. *Am J Audiol*. 2023:1-8. PubMed PMID: 37532243.

Ikuma T., McWhorter AJ., **Oral E.**, and Kunduk M., 2023, Formant-Aware Spectral Analysis of Sustained Vowels of Pathological Breathy Voice. To Appear in: *Journal of Voice*.

Joslyn P., **Oral E.**, Martin A., Surcouf J., and Barkemeyer B., 2023, Maternal hypertension and early-onset neonatal neutropenia. To Appear in: *Fetal and Pediatric Pathology*.

#### Submitted (2 papers)

Dr. Mercante with Tiffany Ardoin entitled "Design and Impact of a Clinic-based Community Program on Food Insecurity" has been assigned the following manuscript number: AJCN-D-23-00985.

Dr. Mercante with Dr. Yu entitled "Investigating Biomarkers Linking Tobacco Use with Cardiovascular Disease Occurrence" has been submitted to Journal of Smoking Cessation by Qingzhao Yu.

## **Behavioral & Community Health**

### Published

Lin, W., **Gonzalez, G, Kao, Y**, Lin, D, **Li, M.**, Seal, D, Lee, C, Hu, C, Chen, L & **Tseng, T** (2023). Mediation of BMI on 25-Hydroxyvitamin D levels in US adults with sugar-sweetened beverages consumption. *Nutrients*. 15(15): 3291.

**Sugarman OK**, Wendell D, Bachhuber MA, **Wennerstrom A, Gruber D, Robinson WT**. Examining pre-release interventions on HIV outcomes 12 months after release from Louisiana state corrections. *AIDS and Behavior* Published online first (2023). 1-11.

**Wennerstrom A**, Manogue S, Hardeo H, **Robinson WT**, Thomas DL, Irvin, R. Incarceration, inequality, and Hepatitis C Treatment: The story of two southern states. *Journal of Healthcare for the Poor and Underserved*. 2023 Aug; 34(3):1129-1135.  
Lin HY, Zhu X, Aucoin A, Fu, Q, Park, J., **Tseng TS**. Dietary and Serum Antioxidants Associated with Prostate-Specific Antigen for Middle-aged and Older Men. *Nutrients*, 25;15(15):3298.

Kimball, A. A., Zhu, W., Yu, L., Tanner, M. R., Iqbal, K., Dominguez, K. L., Shankar, A., Drezner, K., Musgrove, K., Mayes, E., **Robinson, W. T.**, Schumacher, C., Delaney, K. P., Hoover, K. W., & THRIVE Project Team. (2023). Benefits of Frequent HIV Testing in the THRIVE Demonstration Project: United States, 2015-2020. *American Journal of Public Health*, 113(9), 1019–1027

### Accepted-

**Wennerstrom A.**, Smith DO. Labor exploitation of community health workers must end. Invited comment for *The Lancet Global Health*.

Catinis A., A. Hinojosa, **C. Leonardi**, and M. Cook. Hepatic Vagotomy in Patients With Obesity Leads to Improvement of the Cholesterol to High-Density Lipoprotein Ratio. *Obesity Surgery*.

## **Technical Reports, Study Briefs or Policy Briefs**

**Afaneh, H., Leonardi, C., Cohen, N., Dupre, B., and Phillippi, S.** (2023) *Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Mid-Year Report 2023*. Louisiana State University Health Sciences Center-School of Public Health. New Orleans, La.

**Staples, L., Leonardi, C., Dupre, B., Gonzalez, G., Cohen, N., Ngo, N., S., Singh, Phillippi, S.** (2023) Center for Evidence to Practice: 2023 EBP Mid-Year Report. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, LA.

## **Environmental & Occupational Health**

### Published

**Diaz JH.** "Bitten". A clinical images article on differentiating tick from mite bite eschars versus cutaneous anthrax eschars. *Wilderness and Environmental Medicine*. Published online, Elsevier.

### Accepted for Publication

Diaz JH. Bitten. *Wilderness and Environmental Medicine*. 2023; Accepted for publication July 1, 2023.

### Decision Pending

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). Decision pending.

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.

### In Production

**Diaz JH.** Mite-Human Interactions: Nuisances, Vectors, Parasites, Allergens, and Commensals. 15 chapters, Elsevier, London. In production.

## **Epidemiology**

### Published

Chtourou A, Sanchez PV, Golden T, Chen HS, Schwartz SM, **Wu XC**, Hernandez BY, Harrison JN, Penberthy L, Negoita S. Impact on the Volume of Pathology Reports Before and During the COVID-19 Pandemic in SEER Cancer Registries. *Cancer Epidemiol Biomarkers Prev*. 2023 Aug 18:EPI-23-0066. doi: 10.1158/1055-9965.EPI-23-0066. Epub ahead of print. PMID: 37594474.

Ding JY, Sun L, Zhu ZH, **Wu XC**, Xu XL, Xiang YW. Nano drug delivery systems: a promising approach to scar prevention and treatment. *J Nanobiotechnology*. 2023 Aug

11;21(1):268. doi: 10.1186/s12951-023-02037-4. PMID: 37568194; PMCID: PMC10416511.

Edelman EJ, Dziura J, Deng Y, DePhilippis D, Fucito LM, **Ferguson T**, Bedimo R, Brown S, Marconi VC, Goetz MB, Rodriguez-Barradas MC, Simberkoff MS, Molina PE, Weintrob AC, Maisto SA, Paris M, Justice AC, Bryant KJ, Fiellin DA. Contingency management with stepped care for unhealthy alcohol use among individuals with HIV: Protocol for a randomized controlled trial. *Contemp Clin Trials*. 2023 Aug;131:107242. doi: 10.1016/j.cct.2023.107242. Epub 2023 May 23. PMID: 37230168.

Zaorsky NG, Proudfoot JA, Jia AY, Zuhour R, Vince R, 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 J, Ponsky L, Dal Pra A, Schaeffer E, Ross A, 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 1:pkad052. doi: 10.1093/jncics/pkad052. Epub ahead of print. PMID: 37525535.

Sugarman OK, **Wendell DA**, Wennerstrom AB, Bachhuber MA, Robinson WT. Examining Pre-Release Interventions on HIV Outcomes 12 Months After Release from Louisiana State Corrections. *AIDS Behav*. 2023 Jun 12:1–11. doi: 10.1007/s10461-023-04106-z. Epub ahead of print. PMID: 37306846; PMCID: PMC10258759.

Bailey CN, Martin BJ, Petkov VI, Schussler NC, Stevens JL, Bentler S, Cress RD, Doherty JA, Durbin EB, Gomez SL, Gonsalves L, Hernandez BY, Liu L, Morawski BM, Schymura MJ, Schwartz SM, Ward KC, Wiggins C, **Wu XC**, Goldberg MS, Siegel JJ, Cook RW, Covington KR, Kurley SJ. 31-Gene Expression Profile Testing in Cutaneous Melanoma and Survival Outcomes in a Population-Based Analysis: A SEER Collaboration. *JCO Precis Oncol*. 2023 Jun;7:e2300044. doi: 10.1200/PO.23.00044. PMID: 37384864.

Cohen SM, DePhilippis D, Deng Y, Dziura J, **Ferguson T**, Fucito LM, Justice AC, Maisto S, Marconi VC, Molina P, Paris M, Rodriguez-Barradas MC, Simberkoff M, Petry NM, Fiellin DA, Edelman EJ. Perspectives on contingency management for alcohol use and alcohol-associated conditions among people in care with HIV. *Alcohol (Hoboken)*. 2023 Jul 31. doi: 10.1111/acer.15159. Epub ahead of print. PMID: 37524371.

Wang JH, Pfeiffer RM, Musgrove D, Castenson D, Fredrickson M, Miller J, Gonsalves L, **Hsieh MC**, Lynch CF, Zeng Y, Yu KJ, Hart A, Israni AK, Snyder JJ, Engels EA. Cancer Mortality Among Solid Organ Transplant Recipients in the United States During 1987-2018. *Transplantation*. 2023 Jun 9. doi: 10.1097/TP.0000000000004694. Epub ahead of print. PMID: 37291711.

Edwards S, Allen H, Baudoin C, Hogan M, Sanne S, **Straif-Bourgeois S**, Zamjahn J, Molina P, Gunaldo T. Interprofessional student team development of an annual wellness visit for human immunodeficiency virus (HIV) prevention and care. *Physiology* 38 (S1), 5734973.

<https://journals.physiology.org/doi/abs/10.1152/physiol.2023.38.S1.5734973>

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

Mariotto AB, Thompson TD, Johnson C, **Wu XC**, Pollack LA. Breast and colorectal cancer recurrence-free survival estimates in the US: Modeling versus active data collection. *Cancer Epidemiol.* 2023 Aug;85:102370. doi: 10.1016/j.canep.2023.102370. Epub 2023 May 4. PMID: 37148828.

Fa A, Danos DM, **Maniscalco L**, Yi Y, **Wu XC**, Maluccio MA, Chu QD, Lyons JM 3rd. Is There Really a Difference in Outcomes between Men and Women with Hepatocellular Cancer? *Cancers (Basel)*. 2023 May 24;15(11):2892. doi: 10.3390/cancers15112892. PMID: 37296854; PMCID: PMC10251901.

#### Presentations/Poster:

Katner, Brisolaro, **Straif-Bourgeois**, Harrington and Brian (2023): Louisiana's Wicked Climate Future: A Cautionary Tale About Hurricanes, Floods and Heat, Oh My!, National Environmental Health Association (NEHA) - 2023 Annual Educational Conference (AEC) August 1, 2023, New Orleans, LA.

Erica Washington & **Susanne Straif-Bourgeois** (2023): Multilevel Analysis of 2020 Election Results on the Relationship Between COVID-19 Vaccine Uptake in Nursing Home Residents and their Subsequent COVID-19-associated Mortality in Louisiana, December 2021 to December 2022. Society of Epidemiology Research (SER) Meeting, Portland, OR, June 13 – 16, 2023