

A sampling of the 2023-2024 Global Public Health and the Common Good published faculty research

Schneider C, Schuele H, Baum CF, [Landrigan PJ](#), Hawkins SS. Associations between prenatal exposure to power plants and birth outcomes across the US. *Public Health* 2023 Feb 9; 216:30-32. doi: [10.1016/j.puhe.2023.01.003](https://doi.org/10.1016/j.puhe.2023.01.003)

Taghian, G., Fisher, S., [Chiles, T.C.](#), Binagwaho, A. and [Landrigan, P.](#) (2024) 'The Burden of Cardiovascular Disease from Air Pollution in Rwanda', *Annals of Global Health*, 90(1), p. 2. Available at: <https://doi.org/10.5334/aogh.4322>.

Bryan L, [Landrigan P.](#) PM2.5 pollution in Texas: a geospatial analysis of health impact functions. *Front Public Health*. 2023;11. doi:[10.3389/fpubh.2023.1286755](https://doi.org/10.3389/fpubh.2023.1286755)

Rajagopalan S, Brook RD, Vieira de Oliveira Salerno PR, Bourges-Sevenier B, [Landrigan P](#), Nieuwenhuijsen MJ, Muenzel T, Deo SV, Al-Kindi SG. Air Pollution Exposure and Cardiometabolic Risk. *Lancet Diabetes & Endocrinology*, 2024 doi.org/[10.1016/S2213-8587\(23\)00361-3](https://doi.org/10.1016/S2213-8587(23)00361-3)

Caravanos J, [Landrigan P](#), Nelson BK, Neisler J, Chang HY. Measurement of soil Pb levels adjacent to lead sheathed communications cables. *Environ Health Perspect* 2024; 132 (3) doi.org/[10.1289/EHP14086](https://doi.org/10.1289/EHP14086)

Miller RK, Salafia CM, Aagaard K, Bandyopadhyay S, Barrett E, Brunner J, Coyte R, Girardi T, Katzman PJ, [Landrigan P](#), Li A, Marsit C, Misra D, Moye J, Murray JC, O'Connor T, Ruffalo L, Shah R, Stodgell CJ, Szabo S, Walker CK, Wapner R. Collection and Preservation Methods for Placentae in Large Multi-Institutional Studies: NIH National Children's (NCS) Study and NIH ECHO Study. *Trophoblast Research, in review*

Ding G, Gao Y, Kan H, Zeng Q, Yan C, Li F, Jiang F, [Landrigan PJ](#), Tian Y, Zhang J. Environmental Exposure and Child Health in China. *Environment International* 2024; 187 108722. doi.org/[10.1016/j.envint.2024.108722](https://doi.org/10.1016/j.envint.2024.108722)

Panzacchi S, Tibaldi E, DeAgelis L,[Landrigan PJ](#), Belpoggi F, Mandrioli D. Leukemia in Sprague-Dawley rats exposed long-term from prenatal life to glyphosate and glyphosate-based herbicides. *BioRxiv*. November 16, 2023. doi.org/[10.1101/2023.11.14.566013](https://doi.org/10.1101/2023.11.14.566013)

Rajagopalan S, [Landrigan PJ](#). The Inflation Reduction Act - Implications for climate change, air pollution, and health. *Lancet: Regional Health Americas*. 2023 Jun 10; 23:100522. doi: [10.1016/j.lana.2023.100522](https://doi.org/10.1016/j.lana.2023.100522)

Lundberg B, Engel S, [Landrigan PJ](#). The term 'turf' is misleading; The material is basically a scrap chemical product. *Commonwealth Magazine*, August 13, 2023. <https://commonwealthmagazine.org/uncategorized/the-term-turf-is-misleading/>

[Landrigan PJ](#), Rémond J, Gomasasca P, [Chiles TC](#), [Whitman EM](#), Ferrer L. *Laudato Si'* and the emerging contribution of Catholic research universities to planetary health. *Lancet Planetary Health* 2024; 8: e140-e141. doi.org/[10.1016/S2542-5196\(24\)00012-3](https://doi.org/10.1016/S2542-5196(24)00012-3)

[Landrigan PJ](#), Symeonides C, Mustapha A, Raps H, Dunlop S. The Global Plastics Treaty. Why Is It needed? *Lancet*, 2023 Oct 17: S0140-6736(23)02198-0. doi: [10.1016/S0140-6736\(23\)02198-0](https://doi.org/10.1016/S0140-6736(23)02198-0)

[Landrigan PJ](#), Britt M, Fisher S, Holmes A, Kumar M, Mu J, Rizzo I, Sather A, [Yousuf A](#), [Kumar P](#). Assessing the Human Health Benefits of Climate Mitigation, Pollution Prevention, and Biodiversity Preservation. *Annals of Global Health*. 2024; 90(1): 1, 1–23. DOI: <https://doi.org/10.5334/aogh.4161>

Karis SS, Landrigan PJ. The United Nations Plastics Treaty - A Global Agreement to End Plastic Pollution: What Is It? Why Is It Needed? *Global Governance Forum*. August 20, 2023. <https://globalgovernanceforum.org/united-nations-plastics-treaty-global-agreement-end-plastic-pollution/>

Caravanos J, Nassif J, Lanphear B, Landrigan PJ, Hu H, Fuller R. An argument for changing the reporting units for lead in blood. *Environ Health Perspect* 2023; 131 (9). doi.org/10.1289/EHP12382.

Landrigan PJ. Hochul Must Safeguard the Health of NY's Kids, *New York Daily News*. December 14, 2023. <https://www.nydailynews.com/2023/12/14/hochul-must-safeguard-the-health-of-n-y-s-kids/?clearUserState=true>

Solomon C, Landrigan PJ. Fossil fuels, climate change and cardiovascular disease: A call to action. *Circulation*, 2024; Apr 30;149(18):1400-1401. doi: 10.1161/circulationaha.123.065904

Whitman E, Landrigan P. Fixing the T will improve public health. *Commonwealth Beacon*. January 11, 2024. <https://commonwealthbeacon.org/opinion/fixing-the-t-will-improve-public-health/>

Landrigan PJ, Cropper M, Dunlop S, Park Y, Symeonides C. Letter to the Editor from Landrigan PJ et al.: Chemicals Used in Plastic Materials: An Estimate of the Attributable Disease Burden and Costs in the United States, *Journal of the Endocrine Society*, 2024; 8(6)bvae082. doi.org/10.1210/jendso/bvae082

Landrigan PJ. Plastics, fossil carbon and the heart. *New Engl J Med* 2024; 390:10. doi:10.1056/NEJMe2400683

Romano R, Landrigan PJ. Proposed landfill poses threat to Quabbin Reservoir. *Commonwealth Beacon*. March 24, 2024. <https://commonwealthbeacon.org/opinion/proposed-landfill-would-pose-threat-to-the-quabbin/>

Landrigan PJ. Environmental risk factors go mainstream in pediatric cardiology. *Professional Heart Daily*. April 15, 2024. <https://professional.heart.org/en/science-news/environmental-exposures-and-pediatric-cardiology>

Muenzel T, Hahad O, Lelieveld J, Aschner M, Landrigan P, Nieuwenhuijsen M, Daiber A. Soil and water pollution and cardiovascular disease. *Nature Reviews Cardiology*

Fleming LE, Landrigan PJ, Ashford OS, Whitman EM, Swift A, Gerwick W, Heymans JJ, Hicks CC, Morrissey K, White MP, Alcantara-Creencia L, Alexander KA, Astell-Burt T, Berlinck RGS, Cohen PJ, Hixson R, Islam MM, Iwasaki A, Praptiwi RA Raps H, Remy JY, Sowman G, Ternon E, Thiele T, Thilsted SH, Uku J, Ockenden S, Kumar P. Enhancing Human Health and Wellbeing through Sustainably and Equitably Unlocking a Healthy Ocean's Potential. *Annals of Global Health* 2024; 90 (1): 00, 1 – 27. DOI: <https://doi.org/10.5334/aogh.4471>.

Goldman A, Landrigan P, Solomon C, Recht J. Protect Our Patients, Ban Retail Electricity Suppliers. *Commonwealth Beacon*, July 21, 2024. <https://commonwealthbeacon.org/opinion/protect-our-patients-ban-retail-electricity-suppliers/>

Landrigan PJ, Britt M, Fisher S, Holmes A, Kumar M, Mu J, Rizzo I, Sather A, Yousuf A, Kumar P. Assessing the Human Health Benefits of Climate Mitigation, Pollution Prevention, and Biodiversity Preservation. *Ann Glob Health*. 2024 Jan 5;90(1):1. doi: 10.5334/aogh.4161. PMID: 38186855; PMCID: PMC10768568.

†Hodges JC, †Walker DT, Baum CF, Hawkins SS. Impact of school shootings on adolescent school safety and weapon exposure. *American Journal of Public Health* 2023;e1-e4. doi: [10.2105/AJPH.2022.307206](https://doi.org/10.2105/AJPH.2022.307206) PMID: 36758203

† joint first authors

Mann, J., Lemor, E., Fornah, F., Juana-Kamara, P., Fullah, M.A., Sonnie, M. and van de Water, B. (2024) 'Process Mapping Midwifery Students' Clinical Placement in Sierra Leone: Identifying Facilitators and Barriers', *Annals of Global Health*, 90(1), p. 40. Available at: <https://doi.org/10.5334/aogh.4441>.

Coley, R. L., Spielvogel, B., Hwang, D., Lown, J., & Teixeira, S. (2023). Did HOPE VI move communities to opportunity? How public housing redevelopment affected neighborhood poverty, racial composition, and resources 1990-2016. *Housing Policy Debate*, 4, 909-940. <https://doi.org/10.1080/10511482.2022.2121614>

Fusaro, V., Coley, R. L., & Carey, N. (2023). Shelter from the storm: State eviction moratoria, implementation context, and eviction filings during the first two years of the COVID-19 pandemic. *Housing Policy Debate*, 33,1415-1442. <https://doi.org/10.1080/10511482.2023.2218840>

Kruzik, C., Coley, R. L., Votruba-Drzal, E., Spielvogel, B., Henry, D. & Betancur, L. (2023). The early emergence of SES achievement gaps: Disparities across race, ethnicity, and immigrant status. *Race and Social Problems*. DOI: [10.1007/s12552-023-09402-w](https://doi.org/10.1007/s12552-023-09402-w)

Coley, R. L., Carey, N., Baum, C. F., Hawkins, S. S. (2023). COVID-19 vaccinations and mental health among U.S. adults: Individual and spillover effects. *Social Science and Medicine*, 329, 116027. <https://doi.org/10.1016/j.socscimed.2023.116027>

van Leer, K. F. & Coley, R. L. (2023). Early childhood education decision-making among Latinx foreign-born parents in the United States: A culturally-informed model of decision-making. *Children and Youth Services Review*, 151. <https://doi.org/10.1016/j.childyouth.2023.107046>

White, Shelley & Kanya, Hugo. (2023). Navigating Professional Paradigms: Transactional Sex, Behavior Change, and Structural Responses in Uganda. *Journal of Social Work in the Global Community*. 7. 10.5590/JSWGC.2023.8.1.03.

Calderon-Hernandez J, Jarquin-Yañez L, Reyes-Arreguin L, Diaz-Padilla LA, Gonzalez-Compean JL, Gonzalez-Montalvo P, Rivera-Gomez R, Villanueva-Toledo JR, Pech K, Arrieta O, Leal YA. Childhood acute lymphoblastic leukemia survival and spatial analysis of socio-environmental risks in Mexico. *Front Oncol*. 2023 Oct 12;13:1236942. doi: 10.3389/fonc.2023.1236942. PMID: 37901312; PMCID: PMC10603203.

Vecchio, J., Regan, J., Jiang, Y. *et al*. Viral and immunologic evaluation of smokers with severe COVID-19. *Sci Rep* 13, 17898 (2023). <https://doi.org/10.1038/s41598-023-45195-z>

*Denotes student co-authors

Keum, B.T., *Nguyen, M., Ahn, L.H., *Wong, M.J., *Wong, L., & Miller, M.J. (2024). Fostering Asian American emerging adults' advocacy against anti-Black racism through digital storytelling. *The Counseling Psychologist*. <https://doi.org/10.1177/00110000241227994>

*Special issue on dismantling anti-Black racism

*Brock-Petroshius, K., & Keum, B.T. (*in press*). Carceral Justification: Scale Development and Initial Validation. *Abolitionist Perspectives in Social Work*

Keum, B.T. (2024). The importance of critical social media literacy in the digital era: Benefits for social support and flourishing. *Emerging Adulthood*. <https://doi.org/10.1177/21676968241226492>
*Special Issue on Social Media Use and Biopsychosocial Adjustment during Emerging Adulthood

Keum, B.T., *Wong, M.J., & *Sanders, I. (2023). Racial hate at the intersection of online and offline worlds: The Joint Impact of Online and Offline Racism on the Mental Health of Racially Minoritized Individuals. *Journal of Interpersonal Violence*. <https://doi.org/10.1177/08862605231220015>

Keum, B.T., & *Waters, E.M., & Chong, E.S.K. (2023). The mental health costs of online heterosexism among LGBTQ+ individuals: Development and initial validation of the Perceived Online Heterosexism Scale. *Archives of Sexual Behavior*. <https://doi.org/10.1007/s10508-023-02733-0>

*Abebe, I., Wang, Y.W., O'Connor, S., Cruz, T., **Keum, B.T.**, & *Sifat, M. (2023). Satisfaction with Online/In-person Social Interactions and Psychological Well-being: The Mediating Role of Social Connectedness. *Current Psychology*. <https://doi.org/10.1007/s12144-023-04870-0>

Cook, C., Demanarig, D., Metviner, S., Stoppa, T., Milius, H., Rogers, M.M., Kawabata, Y., Schmidt, K., Sonnentag, T., DeNigris, D., Norvilitis, J., Berry, S., **Keum, B.T.**, Cuccolo, K., Gosnell, C., Hawkins, G., Ogba, K., Farahani, H., Azadfallah, P., ... Irgens, M. (2023). Personal Need for Structure as a Protective Factor on Beliefs and Coping with COVID-19: A Crowd-sourced Multicultural Exploration. *Social and Personality Psychology Compass*. <https://doi.org/10.1111/spc3.12797>

Keum, B.T., *Valdovinos, I.C. & *Wong, M.J. (2023) Problematic internet use, online racism, and mental health issues among racially minoritized emerging adults in the U.S. *International Journal of Mental Health and Addiction*. <https://doi.org/10.1007/s11469-023-01093-z>

Keum, B.T., Cano, M.A., & *Valdovinos, I.C., & *Boland, D. (2023). Impact of online and offline racism on tobacco use, marijuana use, and vaping through depressive and anxiety symptoms among racial minority emerging adults. *American Journal of Orthopsychiatry*. Advance online publication. <https://doi.org/10.1037/ort0000691>

Keum, B.T., & Volpe, V.V. (2023). Resisting and countering online racial hate: Anti-racism advocacy and coping online with racism as moderators of distress associated with online racism. *Journal of Counseling Psychology*. <https://doi.org/10.1037/cou0000674>

Keum, B.T., *Ahn, L.H, Choi, A.Y., *Choudhry, A., *Nguyen, M., *Meizys, G., *Chu, A., & *Hearns, M. (2023). Asian American Men's Gendered Racial Socialization and Fragmented Masculinity: An Interpretive Phenomenological Analysis. *The Counseling Psychologist*. <https://doi.org/10.1177/00110000231170310>

Keum, B.T., & *Wong, M.J. (2023). COVID-19 Racism, Perceived Burdensomeness Thwarted Belongingness, and Suicide Ideation among Asian American Emerging Adults. *International Review of Psychiatry*. <https://doi.org/10.1080/09540261.2023.2182186>

Keum, B.T., & Choi, A.Y. (2023). Profiles of online racism exposure and mental health among Black, Latinx, and Asian emerging adults. *International Review of Psychiatry*.
<https://doi.org/10.1080/09540261.2023.2180346>

Keum, B.T., *Hong, C., *Beikzadeh, M., *Cascalheira, C.J., & Holloway, I.W. (2023). Mpox Stigma, Online Homophobia, and the Mental Health of Gay, Bisexual, and Other Men Who Have Sex With Men. *LGBT Health*. <https://doi.org/10.1089/lgbt.2022.0281>

Sabbath, E.L., McKetchnie, S.M., Arora, K.A., Buchbinder, M. (2024). US Obstetrician-Gynecologists' Perceived Impacts of Post-*Dobbs v Jackson* State Abortion Bans. *JAMA Netw Open*. 2024;7(1):e2352109.

Sabbath, E.L., Willis, M., Wesselink, A., Wang, T., Hatch, E.E., Wise, L.A. (2023). Association between job control and fecundability in a preconception cohort. *Fertility and Sterility*.

Bullock, K. (2024). Unprecedented challenges: Cancer care amid pandemics, disasters and other traumatic events. In Hedlund, S., Miller, B., Christ, G., & Messner, C. (Eds.), *Handbook of oncology and palliative social work: Psychosocial care for people coping with cancer*. (pp. 57-68). New York, NY: Oxford University Press

Rhodes, R. L., Barrett, N.J., **Bullock, K.**, & Johnson, K. S. (2023). Response to Anandarajah G et al., Trust as a Central Factor in Hospice Enrollment Disparities Among Ethnic and Racial Minority Patients: A Qualitative Study of Interrelated and Compounding Factors Impacting Trust (DOI: 10.1089/jpm.2023.0090)." *Journal of Palliative Medicine*, 26(10), pp. 1315–1316. <https://doi.org/10.1089/jpm.2023.0440>

Bullock, K., & Bullock-Johnson, R. (2023). Cultural humility: Necessary but insufficient for equitable access to care. In Doka, K.J., Jennings, B., Kirk, T.W., & Tucci, A.S. (Eds.), *End-of-Life Ethics in a Changing World* (pp. 73-85). Washington, DC: *Hospice Foundation of America Press*.

Jarquin-Yañez L, Martínez-Acuña MI, López-Arevalo I, **Calderon Hernandez J.** "Characterization of residential proximity to sources of environmental carcinogens in clusters of Acute Lymphoblastic Leukemia in San Luis Potosi, Mexico". *Environ Res*. 2024 Mar 30;252(Pt 1):118790. doi: 10.1016/j.envres.2024.118790. Epub ahead of print. PMID: 38555983.