

### **ATTACHMENT 3: References**

- Adams, A., Byron, R., Maxwell, B., Higgins, S., Eggers, M., Byron, L., & Whitlock, C. (2021). *Climate change and human health in Montana: a special report of the Montana Climate Assessment.*
- Aguilera, R., Corringham, T., Gershunov, A., & Benmarhnia, T. (2021). Wildfire smoke impacts respiratory health more than fine particles from other sources: observational evidence from Southern California. *Nature Communications*, 12(1).  
<https://doi.org/10.1038/S41467-021-21708-0>
- American Lung Association. (2022). *State of the Air 2022*.  
<https://www.lung.org/getmedia/74b3d3d3-88d1-4335-95d8-c4e47d0282c1/sota-2022.pdf>
- America's Children and the Environment, Third Edition | Science Inventory | US EPA. (2013). Retrieved April 15, 2022, from  
[https://cfpub.epa.gov/si/si\\_public\\_record\\_report.cfm?Lab=NCEE&dirEntryID=217843](https://cfpub.epa.gov/si/si_public_record_report.cfm?Lab=NCEE&dirEntryID=217843)
- Anderegg, W.R., Abatzoglou, J.T., Anderegg, L.D., Bielory, L., Kinney, P.L., & Ziska, L. (2021). Anthropogenic climate change is worsening North American pollen seasons. *Proceedings of the National Academy of Sciences*, 118(7).
- Andrew, M., Vegh, P., Johnston, M., Bowker, J., Ofosu, F., & Mitchell, L. (1992). Maturation of the hemostatic system during childhood. *Blood*, 80(8), 1998–2005.  
<https://doi.org/10.1182/BLOOD.V80.8.1998.1998>
- Anenberg, S. C., Mohegh, A., Goldberg, D. L., Kerr, G. H., Brauer, M., Burkart, K., ... & Lamsal, L. (2022). Long-term trends in urban NO<sub>2</sub> concentrations and associated paediatric asthma incidence: estimates from global datasets. *The Lancet Planetary Health*, 6(1), e49-e58.
- Arain, M., Haque, M., Johal, L., Mathur, P., Nel, W., Rais, A., Sandhu, R., & Sharma, S. (2013). Maturation of the adolescent brain. *Neuropsychiatric Disease and Treatment*, 9, 449–461.  
<https://doi.org/10.2147/NDT.S39776>
- Asthma in children | VitalSigns | CDC. (n.d.). Retrieved May 8, 2022, from  
<https://www.cdc.gov/vitalsigns/childhood-asthma/index.html>
- Atwoli, L., Baqui, A.H., Benfield, T., Bosurgi, R., Godlee, F., Hancock, S., ... & Vázquez, D.. (2021). Call for emergency action to limit global temperature increases, restore biodiversity, and protect health. *The Lancet*, 398(10304), 939-941.
- Barreca, A., & Schaller, J. (2020). The impact of high ambient temperatures on delivery timing and gestational lengths. *Nature Climate Change*, 10(1), 77-82.
- Bernstein, A.S., Sun, S., Weinberger, K.R., Spangler, K.R., Sheffield, P.E., & Wellenius, G.A. (2022). Warm Season and Emergency Department Visits to US Children's Hospitals. *Environmental Health Perspectives*, 130(1), 017001.
- Borchers Arriagada, N., Horsley, J. A., Palmer, A. J., Morgan, G. G., Tham, R., & Johnston, F. H. (2019). Association between fire smoke fine particulate matter and asthma-related outcomes: Systematic review and meta-analysis. *Environmental Research*, 179(Pt A).  
<https://doi.org/10.1016/J.ENVRES.2019.108777>
- Burke, S. E. L., Sanson, A. v., & van Hoorn, J. (2018). The Psychological Effects of Climate Change on Children. *Current Psychiatry Reports*, 20(5). <https://doi.org/10.1007/S11920-018-0896-9>

- CDC. (2010). Heat Illness Among High School Athletes --- United States, 2005-2009. Morbidity and Mortality Weekly Report, Centers for Disease Control and Prevention, 59(32), 1009-1013. Retrieved from <https://www.cdc.gov/mmwr/preview/mmwrhtml/mm5932a1.htm>
- CDC. (2019). *Preventing Adverse Childhood Experiences: Leveraging the Best Available Evidence*. Atlanta, GA: National Center for Injury Prevention and Control,
- Crimins, A.J., et al. (2016). *Executive Summary. The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment*. U.S. Global Change Research Program, Washington, DC.
- D'Amato, G., Chong-Neto, H. J., Monge Ortega, O. P., Vitale, C., Ansotegui, I., Rosario, N., Haahtela, T., Galan, C., Pawankar, R., Murrieta-Aguttes, M., Cecchi, L., Bergmann, C., Ridolo, E., Ramon, G., Gonzalez Diaz, S., D'Amato, M., & Annesi-Maesano, I. (2020). The effects of climate change on respiratory allergy and asthma induced by pollen and mold allergens. *Allergy*, 75(9), 2219–2228. <https://doi.org/10.1111/ALL.14476>
- Darrow, L. A., Hess, J., Rogers, C. A., Tolbert, P. E., Klein, M., & Sarnat, S. E. (2012). Ambient pollen concentrations and emergency department visits for asthma and wheeze. *Journal of Allergy and Clinical Immunology*, 130(3), 630-638.
- Ebi, K. L., Balbus, J., Luber, G., Bole, A., Crimmins, A. R., Glass, G. E., Saha, S., Shimamoto, M. M., Trtanj, J. M., & White-Newsome, J. L. (2018). *Chapter 14 : Human Health. Impacts, Risks, and Adaptation in the United States: The Fourth National Climate Assessment, Volume II*. <https://doi.org/10.7930/NCA4.2018.CH14>
- Erbas, B., Jazayeri, M., Lambert, K. A., Katelaris, C. H., Prendergast, L. A., Tham, R., ... & Dharmage, S. C. (2018). Outdoor pollen is a trigger of child and adolescent asthma ED presentations: a systematic review and meta-analysis. *Allergy*.
- Farhat, S. C. L., Silva, C. A., Orione, M. A. M., Campos, L. M. A., Sallum, A. M. E., & Braga, A. L. F. (2011). Air pollution in autoimmune rheumatic diseases: a review. *Autoimmunity Reviews*, 11(1), 14–21. <https://doi.org/10.1016/J.AUTREV.2011.06.008>
- Felitti, V. J., Anda, R. F., Nordenberg, D., et al. (1998). Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. *American Journal of Preventive Medicine*, 14(4), 245-258.
- Figgs, L. W. (2019). Emergency department asthma diagnosis risk associated with the 2012 heat wave and drought in Douglas County NE, USA. *Heart & Lung*, 48(3), 250–257. <https://doi.org/10.1016/J.HRTLNG.2018.12.005>
- Goodman, J., Hurwitz, M., Park, J., & Smith, J. (2018). Heat and learning (No. w24639). *National Bureau of Economic Research*.
- Going Outside Improves Children's Health | ECLKC*. (n.d.). Retrieved April 27, 2022, from <https://eclkc.ohs.acf.hhs.gov/learning-environments/supporting-outdoor-play-exploration-infants-toddlers/going-outside-improves-childrens-health>
- Guillermo, J., Laurent, C., Williams, A., Ouhote, Y., Zanobetti, A., Allen, J. G., & Spengler, J. D. (2018). Reduced cognitive function during a heat wave among residents of non-air-conditioned buildings: An observational study of young adults in the summer of 2016. *PLoS medicine*, 15(7), e1002605. <https://doi.org/10.1371/journal.pmed.1002605>
- Hickman, C., Marks, E., Pihkala, P., Clayton, S., Lewandowski, R.E., Mayall, E.E., Wray, B., Mellor, C., & van Susteren, L. (2021). Climate anxiety in children and young people and their beliefs about government responses to climate change: a global survey. *The Lancet Planetary Health*, 5(12), e863-e873. [https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(21\)00278-3/fulltext](https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(21)00278-3/fulltext)

- Hong, Y. M. (2010). Atherosclerotic Cardiovascular Disease Beginning in Childhood. *Korean Circulation Journal*, 40(1), 1. <https://doi.org/10.4070/KCJ.2010.40.1.1>
- Janitz, A. E., Campbell, J. E., Magzamen, S., Pate, A., Stoner, J. A., Peck, J. D., & Res Author manuscript, E. (2017). Benzene and Childhood Acute Leukemia in Oklahoma HHS Public Access Author manuscript. *Environ Res*, 158, 167–173. <https://doi.org/10.1016/j.envres.2017.06.015>
- Konkel, L. (2019). Taking the heat: potential fetal health effects of hot temperatures. *Environmental Health Perspectives*.
- Jerrett, M., McConnell, R., Wolch, J., Chang, R., Lam, C., Dunton, G., Gilliland, F., Lurmann, F., Islam, T., & Berhane, K. (2014). Traffic-related air pollution and obesity formation in children: a longitudinal, multilevel analysis. *Environmental Health*, 13(1), 1-9. <https://doi.org/10.1186/1476-069X-13-49>
- Lam, J., Sutton, P., Kalkbrenner, A., Windham, G., Halladay, A., Koustas, E., Lawler, C., Davidson, L., Daniels, N., Newschaffer, C., & Woodruff, T. (2016). A Systematic Review and Meta-Analysis of Multiple Airborne Pollutants and Autism Spectrum Disorder. *PloS one*, 11(9), p.e0161851. <https://doi.org/10.1371/journal.pone.0161851>
- Lancet Countdown. (2018). *2018 Lancet Countdown on Health and Climate Change Brief for the United States of America*. Salas RN, Knappenberger P, Hess JJ. Lancet Countdown U.S. Brief, London, United Kingdom, 32 pp.
- Lavigne, É., Bélair, M. A., Do, M. T., Stieb, D. M., Hystad, P., van Donkelaar, A., Martin, R. v., Crouse, D. L., Crighton, E., Chen, H., Brook, J. R., Burnett, R. T., Weichenthal, S., Villeneuve, P. J., To, T., Cakmak, S., Johnson, M., Yasseen, A. S., Johnson, K. C., ... Walker, M. (2017). Maternal exposure to ambient air pollution and risk of early childhood cancers: A population-based study in Ontario, Canada. *Environment International*, 100, 139–147. <https://doi.org/10.1016/J.ENVINT.2017.01.004>
- Lung Capacity and Aging | American Lung Association*. (n.d.). Retrieved April 16, 2022, from <https://www.lung.org/lung-health-diseases/how-lungs-work/lung-capacity-and-aging>
- Majeed, H., & Lee, J. (2017). The impact of climate change on youth depression and mental health. *The Lancet Planetary Health*, 1(3), e94-e95.
- Mangus, C. W., & Canares, T. L. (2019). Heat-related illness in children in an era of extreme temperatures. *Pediatrics in Review*, 40(3), 97–107. <https://doi.org/10.1542/pir.2017-0322>
- Martin, C., Doyle, J., LaFrance, J., Lefthand, M. J., Young, S. L., Irons, E. T., & Eggers, M. J. (2020). Change Rippling through Our Waters and Culture. *Journal of Contemporary Water*.
- McEwen, B. S. (2007). Physiology and neurobiology of stress and adaptation: Central role of the brain. *Physiological Reviews*, 87, 873-904.
- McClure, C. D., & Jaffe, D. A. (2018). US particulate matter air quality improves except in wildfire-prone areas. *Proceedings of the National Academy of Sciences of the United States of America*, 115(31), 7901–7906. <https://doi.org/10.1073/pnas.1804353115>
- McConnell, R., Islam, T., Shankardass, K., Jerrett, M., Lurmann, F., Gilliland, F., Gauderman, J., Avol, E., Künzli, N., Yao, L., Peters, J., & Berhane, K. (2010). Childhood Incident Asthma and Traffic-Related Air Pollution at Home and School. *Environmental Health Perspectives*, 118(7), 1021. <https://doi.org/10.1289/EHP.0901232>
- National Scientific Council on the Developing Child. (2010). Persistent Fear and Anxiety Can Affect Young Children's Learning and Development: Working Paper No. 9. Retrieved from <http://www.developingchild.net>

- Neumann, J. E., Anenberg, S. C., Weinberger, K. R., Amend, M., Gulati, S., Crimmins, A., Roman, H., Fann, N., & Kinney, P. L. (2019). Estimates of Present and Future Asthma Emergency Department Visits Associated With Exposure to Oak, Birch, and Grass Pollen in the United States. *GeoHealth*, 3(1), 11–27. <https://doi.org/10.1029/2018GH000153>
- O'dell, K., Ford, B., Fischer, E. v., & Pierce, J. R. (2019). Contribution of Wildland-Fire Smoke to US PM 2.5 and Its Influence on Recent Trends. *Environmental science & technology*, 53(4), 1797-1804. <https://doi.org/10.1021/acs.est.8b05430>
- Pacheco, S. E. (2020). Catastrophic effects of climate change on children's health start before birth. *The Journal of Clinical Investigation*, 130(2), 562-564.
- Perera, F. P., Chang, H. W., Tang, D., Roen, E. L., Herbstman, J., Margolis, A., Huang, T. J., Miller, R. L., Wang, S., & Rauh, V. (2014). Early-Life Exposure to Polycyclic Aromatic Hydrocarbons and ADHD Behavior Problems. *PLOS ONE*, 9(11), e111670. <https://doi.org/10.1371/JOURNAL.PONE.0111670>.
- Perera F, Nadeau K. Climate Change, Fossil-Fuel Pollution, and Children's Health. Solomon CG, Salas RN, eds. <https://doi.org/101056/NEJMra2117706>. 2022;386(24):2303-2314. doi:10.1056/NEJMRA2117706.
- Ramadan, A. M. H., & Ataallah, A. G. (2021). Are climate change and mental health correlated? *General Psychiatry*, 34(6). <https://doi.org/10.1136/GPSYCH-2021-100648>
- Raz, R., Roberts, A. L., Lyall, K., Hart, J. E., Just, A. C., Laden, F., & Weisskopf, M. G. (2015). Autism spectrum disorder and particulate matter air pollution before, during, and after pregnancy: A nested case-control analysis within the nurses' health study II cohort. *Environmental Health Perspectives*, 123(3), 264–270. <https://doi.org/10.1289/EHP.1408133>
- Rinderu, M. I., Bushman, B. J., & Van Lange, P. A. (2018). Climate, aggression, and violence (CLASH): a cultural-evolutionary approach. *Current Opinion in Psychology*, 19, 113-118.
- Salas, R. M., Knappenberger Lester, P., & Hess, J. J. (2018). *The Lancet Countdown on Health and Climate Change: Policy Brief for the United States of America*. [https://www.lancetcountdownus.org/wp-content/uploads/2021/07/2020-Lancet-Countdown-Brief\\_English\\_vFINAL.pdf](https://www.lancetcountdownus.org/wp-content/uploads/2021/07/2020-Lancet-Countdown-Brief_English_vFINAL.pdf)
- Schraufnagel, D. E., Balmes, J. R., Cowl, C. T., de Matteis, S., Jung, S.-H., Mortimer, K., Perez-Padilla, R., Rice, M. B., Riojas-Rodriguez, H., Sood, A., Thurston, G. D., To, T., Vanker, A., & Wuebbles, D. J. (2019). Air Pollution and Noncommunicable Diseases A Review by the Forum of International Respiratory Societies' Environmental Committee, Part 2: Air Pollution and Organ Systems. *CHEST*, 155, 417–426. <https://doi.org/10.1016/j.chest.2018.10.041>
- Shonkoff, J. P., Boyce, W. T., & McEwen, B. S. (2009). Neuroscience, molecular biology, and the childhood roots of health disparities: building a new framework for health promotion and disease prevention. *Jama*, 301(21), 2252-2259.
- Shonkoff, J. P., Garner, A. S., Siegel, B. S., Dobbins, M. I., Earls, M. F., McGuinn, L., ... & Committee on Early Childhood, Adoption, and Dependent Care. (2012). The lifelong effects of early childhood adversity and toxic stress. *Pediatrics*, 129(1), e232-e246.
- Thiery, W., Lange, S., Rogelj, J., Schleussner, C.F., Gudmundsson, L., Seneviratne, S.I., Andrijevic, M., Frieler, K., Emanuel, K., Geiger, T., & Bresch, D.N. (2021). Intergenerational inequities in exposure to climate extremes. *Science*, 374(6564), 158-160.

- Van Nieuwenhuizen A, Hudson K, Chen X, Hwong AR. The Effects of Climate Change on Child and Adolescent Mental Health: Clinical Considerations. *Curr Psychiatry Rep.* 2021;23(12):1-9. doi:10.1007/S11920-021-01296-Y/TABLES/1.
- Van Susteren, L., & Pollack, D.A. (2019). Climate Impact on Psychiatric Diagnostic Nomenclature. <https://doi.org/10.1176/appi.pn.2019.11a15>
- Wallace, R. F., Kriebel, D., Punnett, L., Wegman, D. H., & Amoroso, P. J. (2007). Prior heat illness hospitalization and risk of early death. *Environmental Research*, 104(2), 290–295. <https://doi.org/10.1016/J.ENVRES.2007.01.003>
- Wang, J. C., Chien, W. C., Chu, P., Chung, C. H., Lin, C. Y., & Tsai, S. H. (2019). The association between heat stroke and subsequent cardiovascular diseases. *PloS One*, 14(2). <https://doi.org/10.1371/JOURNAL.PONE.0211386>
- Wargocki, P., & Wyon, D. P. (2007). The effects of moderately raised classroom temperatures and classroom ventilation rate on the performance of schoolwork by children (RP-1257). *Hvac & R Research*, 13(2), 193-220.
- Weil Latshaw, M., Watson, C. R., Kirk Sell, T., Wang, Q., Dimaya, B., Holland, E., H Brown, E. K., Augustinavicius, J., Rose, A., Balbus, J., Senior Advisor, M., Blumenstock, J. S., Moulton, A. D., Fellow, S., Sutaria Patel, S., Director, M., Rudolph, L., Saha, S., & Schramm, P. (2016). *The Impacts of Climate Change on Human Health in the United States: A Scientific Assessment*. U.S. Global Change Research Program. <https://health2016.globalchange.gov/>
- Whitlock, C., Cross, W. F., Maxwell, B., Silverman, N., & Wade, A. A. (2017). *2017 Montana Climate Assessment*. Bozeman and Missoula MT: Montana State University and University of Montana, Montana Institute on Ecosystems. [montanaclimate.org](http://montanaclimate.org)
- Zhang, W., Spero, T.L., Nolte, C.G., Garcia, V.C., Lin, Z., Romitti, P.A., Shaw, G.M., Sheridan, S.C., Feldkamp, M.L., Woomert, A., & Hwang, S.A. (2019). Projected changes in maternal heat exposure during early pregnancy and the associated congenital heart defect burden in the United States. *Journal of the American Heart Association*, 8(3), e010995.
- Zhang, Y., & Steiner, A. L. (2022). Projected climate-driven changes in pollen emission season length and magnitude over the continental United States. *Nature Communications* 2022 13:1, 13(1), 1–10. <https://doi.org/10.1038/s41467-022-28764-0>
- Zivin, J. E. & Shrader, J. (2016). Temperature Extremes, Health, and Human Capital. In Children and Climate Change. *The Future of Children*, vol. 26(1).