

## CURRICULUM VITAE

### Gabriella Yusim Meltzer

American University | Hall of Science, Room 110 | McCabe Hall, Room 207  
4400 Massachusetts Ave, NW | Washington, DC 20016  
(847) 942-3876 | gmeltzer@american.edu  
h-index: 16 | i10-index: 22

#### EDUCATION

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- 2024 Postdoctoral Research Fellowship, National Institute of Environmental Health Sciences T32 Combined Training Program, Columbia University Mailman School of Public Health, New York, NY  
Faculty Mentor: Pam Factor-Litvak, PhD
- 2022 PhD Public Health, New York University School of Global Public Health  
Concentration: Social and Behavioral Sciences  
Dissertation: "Children's Risk and Resilience Facing Cumulative Environmental Stress: A Case Study of the 2010 Deepwater Horizon Oil Spill"  
Faculty Mentors: David Abramson, MPH PhD & Alexis Merdjanoff, PhD
- 2015 BA Health and Societies, University of Pennsylvania College of Arts and Sciences, *magna cum laude* with honors  
Concentration: Global Health

#### PROFESSIONAL APPOINTMENTS/EMPLOYMENT

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- 2025-Pres. Assistant Professor (Tenure-Track), Environmental Science, American University
- 2025-Pres. Assistant Professor (Tenure-Track), Health Studies, American University
- 2024-2025 Postdoctoral Research Scientist, Collaborative for Women's Environmental Health, Columbia University Irving Medical Center, New York, NY  
Faculty Supervisor: Blair Wylie, MD MPH
- 2023-Pres. Research Affiliate, Climate Justice and Health Lab, New York University School of Global Public Health, New York, NY
- 2023-Pres. Research Affiliate, Complex Public Health Disasters Lab, New York University School of Global Public Health, New York, NY
- 2015-2017 Global Health Research Associate, Council on Foreign Relations, New York, NY

#### PUBLICATIONS

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##### Refereed Journal Articles

**Meltzer, G.Y.**, Seyram, K. Ae-Ngibise, K.A., Nuhu, M.M., Modest, A.M., Boamah, E., Chillrud, S., Agyei, O., Kinney, P., Yawson, A.B., Jack, D., Iddrisu, L., Opoku-Mensah, J., Lee, A.G., Wylie, B.J., & Asante, K.P. Prenatal Harmattan exposure and birth size: Identifying sensitive windows in pregnancy. (2026). *Frontiers in Global Women's Health* 7: 1576529.

**Meltzer, G.Y.**, Duttweiler, L.P., Saleem, S., Shankar, K., Tuholske, C., Zimmer, A., Coull, B.A., Tshetu, A., Bauserman, M.S., Chomba, E., Carlo, W., Goudar, S., Derman, R., Patel, A.B., Hibberd, P.L., Goldenberg, R.L., Babineau, D.C., Moore, J., McClure, E., Mazariegos, M., Krebs, N., Asturias, E., Hoffman, M.K., & Wylie, B.J. (2026). Aspirin and Preterm Birth in People with Increased Heat Exposure. *JAMA Network Open* 9(5): e2611402.

Valdez, C., Leal, R., Chatham, A., **Meltzer, G.**, Arroyo, E., Flores, L., & Solis, M. (2026). Extreme Heat and Physical and Mental Health: A Qualitative Study with Low-Income Communities in South Texas. *Health and Place* 97: 103609.

Wilner, L.B., Piepmeier, L., Gordon, M., Steiger, B.B., Northrop, A.J., McBrien, H., Shea, B., **Meltzer, G.Y.**, Bedi, N.S., Blake, E.M., Benmarhnia T., Braun, D., & Casey, J.A. (2025). Two and a half decades of United States wildfire burn zone disaster data, 2000-2025. *Scientific Data* 12: 1948.

Sprague, N.L., **Meltzer, G.Y.**, Dandeneau, M., De Los Santos, D.\*, O'Neil, D.B.\*, Kim, A.K., Parisi, A., Araujo, S., Siegel, E.L., Hernández, D. (2025). A role for Artificial Intelligence in qualitative research? An exploratory analysis examining New York City residents' perceptions on climate change. *Sustainability* 17(23): 10459.

Ali, S.H., **Meltzer, G.**, DiClemente, R.J., Islam, N.S., Yi, S.S., Yang, L.H., & Misra, S. (2025). How shared dietary behaviors within Asian American families are influenced by emotional interaction qualities: a nationwide cross-sectional analysis. *International Journal of Behavioral Medicine* 32(4): 515-527.

Merdjanoff, A.A., **Meltzer, G.**, Hagen, D., Herzog, S., Cziner, M.J. & Gershon, R. (2025). "They did not care about us": How a lack of pandemic preparedness created long-term distrust and dissatisfaction among New York City Transit Workers. *Journal of Emergency Management* 23(4): 481-490.

**Meltzer, G.Y.**, Miao, Y., Flores, N., Wang, S., Rundle, A., Hoepner, L., Andrews, H., Perera, F., & Herbstman, J. (2025). Prenatal Heat Exposure and Early Childhood Neurodevelopment. *International Public Health Journal* 17(4).

**Meltzer, G.Y.**, Anderson, G.B., Xie, X., Casey, J.A., Schwartz, J., Bell, M.L., Ornelas Van Horne, Y., Fox, J., Kioumourtzoglou, M., & Parks, R.M. (2025). Disruption to Test Scores after Hurricanes in the United States. *Environmental Research: Health* 3: 025003.

Shea, B., **Meltzer, G.Y.**, Steiger, B., Parks, R.M., Do, V., McBrien, H., Flores, N., Gordon, M., Blake, E.M., & Casey, J. (2025). Co-occurring Climate Events and Environmental Justice in California, 2018-2019. *Environmental Research: Health* 3: 021001.

Finlay, J., Westrick, A., Guzman, V., & **Meltzer, G.** (2025). Neighborhood Built Environments and Health in Later Life: A Literature Review. *Journal of Aging and Health* 37(1-2): 3-17.

Sprague, N.L., Fan, I., Dandeneau, M.L., Perez, J.F.H., De Los Santos, D., Birmingham, J., Riddick, M.I., **Meltzer, G.Y.**, Siegel, E.L., & Hernández, D. (2024). StreetTalk: Exploring Energy Insecurity in New York City Using a Novel Street Intercept Interview and Social Media Dissemination Model. *Humanities and Social Sciences Communications* 11(1): 1-15.

Gibb, C., **Meltzer, G.**, Campbell, N., & Fothergill, A. (2024). Digital and analogue spaces of care: How older adults are redefining care practices in the COVID-19 pandemic. *Digital Geography and Society* 6: 100091.

- Meltzer, G.Y.**, Merdjanoff, A.A., Gershon, R.R., Fothergill, A., Peek, L., & Abramson, D.M. (2024). Adverse effects of the Deepwater Horizon oil spill amid cumulative disasters: A qualitative analysis of the experiences of children and families. *Journal of Child and Family Studies* 3: 1995-2011.
- Meltzer, G.Y.**, Factor-Litvak, P., Herbstman, J.B., Wylie, B.J., & Hernández, D. (2024). Indoor Temperature and Energy Insecurity: Implications for Pregnancy Disparities in Extreme Heat Events. *Environmental Health Perspectives* 132(3).
- Finlay, J.M., **Meltzer, G.**, O'Shea, B.Q., Kobayashi, L. (2024). Altered Place Engagement since COVID-19: A Multi-Methods Study of Community Participation and Health among Older Americans. *Wellbeing, Space & Society* 6: 100184.
- Raja, A., Costa, P., Blum, J.L., Doherty-Lyons, S., Igbo, J., **Meltzer, G.**, Orem, W., McCawley, M., & Zelikoff, J.T. (2024). *In vivo* exposure to electronic waste (e-waste) leachate and hydraulic fracturing fluid adversely impacts the male reproductive system. *Reproductive Toxicology* 124: 108533.
- Finlay, J., Guzman, V., **Meltzer, G.**, O'Shea, B.Q., & Yeh, J. (2024). "I just can't go back": Challenging Places for Older Americans since the COVID-19 Pandemic Onset. *SSM – Qualitative Research in Health* 5: 100381.
- Meltzer, G.**, Dinh, T., Fothergill, A., Campbell, N. & Gibb, C. (2023). Overcoming Isolation: An Exploratory Analysis of Factors Related to Teenagers' Connectedness to Others During the COVID-19 Pandemic. *Children, Youth and Environments* 33(3): 92-126.
- Meltzer, G.Y.**, Merdjanoff, A.A., Xu, S., Gershon, R., Emrich, C., & Abramson, D.M. (2023). Examining the effects of cumulative environmental stressors on Gulf Coast child and adolescent health. *Population and Environment* 45: 21.
- Quashie, N., García, C., **Meltzer, G.**, Andrade, F., & Matos-Moreno, A. (2023). Neighborhood socioeconomic position, living arrangements, and cardiometabolic disease Among Older Puerto Ricans: An examination using PREHCO 2002-2007. *PLOS ONE* 18(8).
- Des Jarlais, D.C., Lieff, S., Grivel, M., **Meltzer, G.**, Choi, J., Wang, C.A., Feelemyer, J.P., Chang, V.W., & Yang, L. (2023). COVID-19 Stigmatization after the Development of Effective Vaccines: Vaccination Behavior, Attitudes, and News Sources. *PLOS ONE* 18(4).
- Gibb, C., **Meltzer, G.**, Campbell, N., & Fothergill, A. Researching children and disasters. What's different in pandemic times? (2022). *Australasian Journal of Disaster and Trauma Studies* 26(2): 83-98.
- Igbo, J.K., Chukwu, L.O., Oyewo, E.O., Blum, J.L., Schanzer, A., Wirgin, I.I., Nirmal, R., **Meltzer, G.**, & Zelikoff, J.T. (2022). The Chemistry and Health Outcomes of Electronic Waste (E-waste) Leachate: Exposure to E-waste is Toxic to Atlantic Killifish (*Fundulus heteroclitus*) Embryos. *Sustainability* 14(18): 11304
- Ali, S.H., Rouf, R., Mohsin, F.M., **Meltzer, G.**, Sharma, P., & DiClemente, R.J. (2022). The influence of routine and leisure family activities on the ability of young Asian Americans to maintain a healthy lifestyle: findings from a nationwide survey. *Journal of Behavioral Medicine* 45(6): 962-974.
- Choi, J., Lieff, S.A., **Meltzer, G.Y.**, Grivel, M.M., Chang, V.W., Yang, L.H., & Des Jarlais, D.C. (2022). Factors Associated with Anti-vaccine Attitudes Among Adults in the U.S. during the COVID-19 Pandemic: An Analysis of a Nationally Based Web Survey. *Vaccines* 10(6): 933.

- Meltzer, G.Y.**, Harris, J., Hefner, M., Lanternier, P., Gershon, R.M., Vlahov, D., & Merdjanoff, A.A. (2022). Associations Between COVID-19 Vaccine Hesitancy and Socio-spatial Factors in NYC Transit Workers 50 Years and Older. *The International Journal of Aging and Human Development* 96(1): 76-90.
- Henning-Smith, C., **Meltzer, G.**, Kobayashi, L., & Finlay, J. (2022). Rural/Urban Differences in Mental Health and Social Well-being among Older US Adults in the Early Months of the COVID-19 Pandemic. *Aging & Mental Health* 27(3): 505-511.
- Quashie, N., Andrade, F., **Meltzer, G.**, & García, C. (2022). Living Arrangements and Intergenerational Support in Puerto Rico: Are Fathers Disadvantaged? *The Journals of Gerontology Series B* 77(11): 2078-2090.
- O'Leary, R., Zelikoff, J.T., **Meltzer, G.Y.**, Hemmerich, N., & Erdei, E. (2021). The Cheyenne River Sioux Tribe resists JUUL's targeted exploitation. *Tobacco Control* 32(e2):e267-e268.
- Meltzer, G.Y.**, Lieff, S.A., Grivel, M.M., Chang, V.W., Yang, L.H., & Des Jarlais, D.C. (2021). Behavioral correlates of COVID-19 worry: stigma, knowledge, and news source. *International Journal of Environmental Research and Public Health* 18(21): 11436.
- Finlay, J., **Meltzer, G.**, Cannon, M., & Kobayashi, J. (2021). Aging in Place During a Pandemic: Neighborhood Engagement and Environments Since the COVID-19 Pandemic Onset. *The Gerontologist* 62(4): 504-518.
- Avenbuan, O.N., **Meltzer, G.Y.**, Awada, C., Raja, A. Holian, A., & Zelikoff, J.T. (2021). A contemporary review of electronic waste through the lens of inhalation toxicology. *Inhalation Toxicology* 33(9-14): 285-294.
- Grivel, M.M., Lieff, S.A., **Meltzer, G.Y.**, Chang, V.W., Yang, L.H., & Des Jarlais, D. (2021). Sociodemographic and behavioral factors associated with COVID-19 stigmatizing attitudes in the U.S. *Stigma and Health* 6(4): 371-379.
- Merdjanoff, A.A., Abramson, D.M., Piltch-Loeb, R., Findley, P., Peek, L., Beedasy J., Park, Y.S., Sury, J., & **Meltzer, G.** (2021). Examining the Dose-Response Relationship: Applying the Disaster Exposure Matrix to Understand the Impact of Hurricane Sandy on the Mental Health of New Jersey Residents. *Clinical Social Work Journal* 50(4): 400-413.
- Finlay, J.M. & **Meltzer, G.Y.** (2021). Dementia-friendly neighborhoods: Methodological challenges and research opportunities. *Journal of Urban Design and Mental Health* 7(2).
- Meltzer, G.Y.**, Zacher, M., Merdjanoff, A.A., Pham, N.K., Do, M.P., & Abramson, D.M. (2021). The effects of cumulative natural disaster exposure on adolescent psychological distress. *Journal of Applied Research on Children* 12(1): Article 6.
- Gershon, R.R., Merdjanoff, A.A., **Meltzer, G.Y.**, Piltch-Loeb, R., Rosen, J., Nwankwo, E., Medina, P., Vlahov, D., & Sherman, M. (2021). Impact of Occupational Exposure to COVID-19 on the Physical and Mental Health of an Essential Workgroup: New York City Transit Workers. *Journal of Emergency Management* 19(9).
- Potter, N.A., **Meltzer, G.Y.**, Avenbuan, O.N.\*, Raja, A., & Zelikoff, J.T. (2021). Particulate Matter and Associated Metals: A Link with Neurotoxicity and Mental Health. *Atmosphere* 12(4): 425.

Piltch-Loeb, R., Merdjanoff A., & **Meltzer, G.** (2021). Anticipated mental health consequences of coronavirus in a nationally-representative sample: context, coverage, and economic consequences. *Preventive Medicine* 145: 106441.

**Meltzer, G.Y.**, Avenbuan, O., Awada, C., Oyetade, O., Blackman, T., Kwon, S., Erdei, E., & Zelikoff, J.T. (2020). Environmentally Marginalized Populations: The “Perfect Storm” for Infectious Disease Pandemics, Including COVID-19. *Journal of Health Disparities Research and Practice* 13(4): 68-77.

**Meltzer, G.Y.**, Merdjanoff A.A., & Abramson, D.M. (2020). Adverse Physical and Mental Health Effects of the Deepwater Horizon Oil Spill Among Gulf Coast Children: An Environmental Justice Perspective. *Environmental Justice* 14(2): 124-133.

**Meltzer, G.**, Avenbuan, O., Chen, Y., Wu, F., Shah, K., Mann, V., & Zelikoff, J.T. (2020). The Ramapough Lunaape Nation: Facing health impacts associated with proximity to a Superfund site. *Journal of Community Health* 45(6): 1196-1204.

**Meltzer, G.Y.**, Watkins, B.X., Vieira, D., Zelikoff, J.T., & Boden-Albala, B. (2020). A Systematic Review of Environmental Health Outcomes in Selected American Indian and Alaska Native Populations. *Journal of Racial and Ethnic Health Disparities* 7(4): 698-739.

Gottesfeld, P., **Meltzer, G.**, Costello, S., Greig, J., Thurtle, N., Bil, K., & Mwangombe B., & Nota M.M. (2019). Declining Blood Lead Levels Among Small-scale Miners Participating in a Safer Mining Pilot Program in Nigeria. *Occupational and Environmental Medicine* 76(11): 849-853.

### **Book Chapters**

**Meltzer, G.Y.**, Miao, Y., Flores, N., Wang, S., Rundle, A., Hoepner, L., Andrews, H., Perera, F., & Herbstman, J. (2026). Chapter 2: Prenatal Heat Exposure and Early Childhood Neurodevelopment in *Breaking the Cycle to restore equity: Societal evolution of children’s health disparities*. Rubin, I.L. and Merrick, J. New York, NY: Nova Science.

Finlay, J., Cannon, M., **Meltzer, G.**, & Yeh, J. (2024). Chapter 12: Aging in Third Places in *Handbook on Aging and Place*. Cutchin, M. and Rowles, G. Cheltenham, UK: Edward Elgar Publishing.

Zelikoff, J.T., Shah, K., **Meltzer, G.**, Avenbuan, O., Chen, Y. & Wu, F.W. (2019). Environmental Health in Ringwood and the Ramapough Lenape Nation in *Our Land Our Stories: Excavating subterranean histories of Ringwood mines and the Ramapough Lunaape*. Bakshi, A. New Brunswick, NJ: Blitz Communications.

Huang, Y. & **Meltzer, G.** (2018). Reforming the Ailing World Health Organization in *Routledge Handbook on the Politics of Global Health*. Ed 1. Parker, R. and Garcia, J. New York, NY: Routledge.

### **Manuscripts in Submission**

**Meltzer, G.Y.**, O’Neil, D.B., Sprague, N., Birmingham, J., Dandeneau, M.L., De Los Santos, D., Araujo, S., Kim, A., Krause, T., Siegel, E.L., Li, Q., & Hernández, D. Energy Insecurity Across the Life Course: Ages and Stages of Vulnerability. Submitted to *Social Science & Medicine*.

Ani, J.I. & **Meltzer, G.Y.** Gendered Vulnerabilities and Health System Fragility in Conflict Contexts: Lived Experiences of Rural Women and Implications for Interventions. Submitted to *Conflict and Health*.

DeSerisy, M., **Meltzer, G.Y.**, Balalian, A.A., Herbstman, J.B., Rauh, V.A., Margolis, A.E., & Factor-Litvak, P. Prenatal and Early Life Phthalate Exposure and Early Life Stress: No Interactions with Adolescent Internalizing Symptoms. Under review at *Environment International*.

Merdjanoff, A.A., **Meltzer, G.Y.**, & Lynch, K. Leveraging Longevity: Challenging Misconceptions of Climate Apathy and Promoting Older Adults as Active Policy Participants. Under review at *Public Policy & Aging Report*.

Dinh, T., Gibb, C., **Meltzer, G.**, Fothergill, A., & Campbell, N. Third places in COVID-19: How income, race, and ethnicity shaped the mobility experiences of children and teens in the United States and Canada. Submitted to *The International Journal of Mass Emergencies and Disasters*.

Swartz, J., Konstantinoudis, G., Stewart-Ruano, A., **Meltzer, G.**, Nelin, T.D., Flaxman, S., Bilinski, A., & Parks, R.M. Trends and disparities in birth complications in the United States by state, race/ethnicity, age of birth mother, and preterm status: A Bayesian spatiotemporal analysis of 33.7 million births. Submitted to *Nature Communications*.

Lin, Z., Finlay, J., Sagehorn, M., **Meltzer, G.**, Guzman, V., Thomson, W., Ketterhagen, T., & Yeh, J. "Us versus them": A mixed-methods study of neighborhood life and social polarization among older adults in the United States after COVID-19. Submitted to *Social Sciences & Humanities Open*.

Clemons, A., Siddiq, S., **Meltzer, G.**, Balalian, A., Leisher, S., Gennings, C., Meeker, J., Llanos, A.M., McDonald, J.A., Mervish, N., Rauh, V., Wapner, R., Wylie, B., & Factor-Litvak, P. Phthalate and DEHP Metabolite Exposure during Pregnancy and Adverse Pregnancy Outcomes in an Ethnically Diverse Nulliparous Pregnancy Cohort in the United States, 2010-2015. Submitted to *Environmental Advances*.

Riobueno-Naylor, A., Gomez, I., Quan, S., Vater, C.H., Hawkins, S.S., Baum, C., **Meltzer, G.Y.**, & Lai, B.S. Population-Level Effects of Cumulative Disaster Exposure on Adolescent Depression and Suicidality. Under review at *Journal of Adolescent Health*.

Lynch, K.A., Carr, E., Guerero, M., **Meltzer, G.Y.**, & Merdjanoff, A.A. Ten Years After Hurricane Sandy: Aging in Place in Coastal New Jersey. Under review at *Journal of Population Ageing*.

### **Manuscripts in Preparation**

Thiede, B., **Meltzer, G.**, Akyildiz, A., Sauda, S., & Bangalore, M. Undernutrition among Reproductive-Age Women in Shock-Affected Contexts. Preparing for submission to *TBD*.

**Meltzer, G.Y.**, Li, Q., Avila-Rieger, J.F., Hernández, D., & Manly, J.J. Energy Insecurity and Cognitive Function: A Preliminary Analysis of the Offspring Study. Preparing for submission to *Journal of the American Geriatrics Society*.

Sherris, A., Dearborn, L., Loftus, C., Szpiro, A., Kress, A., Ferrara, A., Peterson, A., Moore, P.E., Carroll, K., **Meltzer, G.**, & Karr, C. Prenatal wildfire-specific PM<sub>2.5</sub> exposure and airway outcomes in infancy and childhood. Preparing for submission to *TBD*.

**Meltzer, G.Y.**, Agyabeng, K., Dahlen, A., Lynch, K.A., First, J., & Merdjanoff, A.A. Exploring Predictors of Disaster Resilience Among Older Adults: Evidence from a Nationally Representative Survey. Preparing for submission to *The Gerontologist*.

Sprague, N.L., **Meltzer, G.Y.**, Richardson, E., & Factor-Litvak, P. Climate Change and Child Health: Research Priorities for Life Course Health. Preparing for submission to *TBD*.

### **Web-Based Publications**

Gibb, C., Campbell, N., Fothergill, A., **Meltzer, G.** (2023). Children, Teens, and Older Adults in COVID-19. *Natural Hazards Center Quick Response Grant Report Series*, 354. Boulder, CO: Natural Hazards Center, University of Colorado Boulder.

Torres, M., Hayward, R.A., **Meltzer, G.**, García, C., Bustos, T.E., & Silva Diaz, A. (2022). ¡Estamos bien, Puerto Rico! Compounding Disasters and Young Adults in Puerto Rico. *Natural Hazards Center Quick Response Grant Report Series*, 337. Boulder, CO: Natural Hazards Center, University of Colorado Boulder.

**Meltzer, G.**, Boden-Albala, B., Bertelsen, N., Adanu, R., & Fedeli, U. (2018). Chronic Disease Burden and Access to Care Among Asylum Seekers and Irregular Migrants in the European Union. *British Medical Journal* 361(kk2266).

**Meltzer, G.Y.** (2015). A Manufactured Global Health Crisis: Electronic Waste in Accra, Ghana. *Momentum*.

### **Other Publications**

**Meltzer, G.** (2022). Coping With Two Pandemics. NYU School of Global Public Health Events & News.

García, C., Bustos, T.E., Farmer, H.R., Garcia, M.A., Garriga-López, A., Hayward, A., Jarrín, O.F., Manierre, M., **Meltzer, G.**, Montoya-Williams, D., Rivera, F., Rodriguez-Diaz, C. & Torres, M. (2020). Puerto Ricans and COVID-19. CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research.

Gibb, C., **Meltzer, G.**, Campbell, N., & Fothergill, A. (2020). Pandemic Im/mobilities of Children and Seniors. CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research.

Garrett, L. & **Meltzer, G.** (2017). "Trump 2018 Budget Proposal: What We Know (And Don't Know)." *The Internationalist*.

*Environmental Health and China's Rise: Insights from a CFR Workshop.* (2017). Council on Foreign Relations: New York, NY.

Huang, Y. & **Meltzer, G.** (2016). "Who Have Been the Best WHO Director-Generals?" *The Internationalist*.

Huang, Y. & **Meltzer, G.** (2016). "Who is the Likely Forerunner in the WHO Director-General Election?" *The Internationalist*.

**Meltzer, G.** (2016). "The Link Between Vaginal Bacteria and HIV Risk in South African Women." *The Establishment*.

**Meltzer, G.** (2016). "Yellow Fever in Central Africa: A Preventable Epidemic." *Africa in Transition*.

**Meltzer, G.** & Picozzi, A. (2016). "How the U.S. Military Can Battle Zika." *Politics, Power, and Preventive Action*.

Garrett, L. & Meltzer, G. (2016). "Don't Use Ebola Funds to Fight Zika." *U.S. News & World Report*.  
Meltzer, G. (2016). "Ethiopia's Forgotten Drought." *Newsweek*.

## **CREATIVE ACTIVITIES**

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"How the Zika Virus Spread to the Americas & How the Zika Virus Enters the Human Population."  
(2016). Council on Foreign Relations.

Vaccine-Preventable Outbreaks Map, Council on Foreign Relations.

## **AWARDS & HONORS**

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- 2026 *International Journal of Environmental Research and Public Health* 2025 Exceptional Reviewer
- 2025 *Environmental Research: Health* Outstanding Reviewer Award 2024
- 2023 Outstanding Dissertation Award in Public Health & Allied Health, New York University
- 2022 Best Student & New Researcher/Practitioner Poster, Occupational Health and Safety Section, American Public Health Association Annual Meeting
- 2022 Finalist, Outstanding Student Poster Award, Social Research, Policy and Practice section, Gerontological Society of America Annual Scientific Meeting
- 2022 Member, Delta Omega Honorary Society in Public Health, Delta Beta Chapter
- 2022 Doctoral Recipient, Public Health Research Award, NYU School of Global Public Health
- 2021 Best Student Research Poster, NYU Langone Health Seventh Annual Health Disparities Symposium
- 2019 American Public Health Association Environment Section Student Travel Scholarship, National Institute of Environmental Health Sciences
- 2019 Doctoral Student Travel Fund, New York University School of Global Public Health
- 2015 Nnamdi Azikiwe Prize for Best African Studies Social Science Essay, University of Pennsylvania
- 2015 Society of the College Prize for Best Health and Societies Senior Thesis, University of Pennsylvania
- 2014 Regional Finalist, Hult Presidential Challenge for Global Healthcare
- 2011 Benjamin Franklin Honors Program Scholar, University of Pennsylvania

## **GRANTS & FELLOWSHIPS**

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2023-2024 Fellow, Break the Cycle of Children's Environmental Health Disparities Program

Meltzer, 2026

- 2019-2020 Early Career Innovators Fellowship, National Center for Atmospheric Research
- 2014 Fellow, New Sector Alliance
- 2014 Climate Action Grant, University of Pennsylvania Center for Undergraduate Research and Fellowships

## CONFERENCE ACTIVITY/PARTICIPATION

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### Oral Presentations

- 2026 Undernutrition among Reproductive-Age Women in Shock-Affected Contexts. Population Association of America Annual Meeting, May 6-9
- 2025 Exploring Predictors of Disaster Resilience Among Older Adults: Evidence from a Nationally Representative Survey. Gerontological Society of America Annual Scientific Meeting, November 12-15
- 2025 Low-dose aspirin modifies the effect of heat exposure during pregnancy on preterm birth: a secondary analysis of the Global Network's randomized, controlled ASPIRIN trial. XXV FIGO World Congress of Gynecology and Obstetrics, October 5-9
- 2025 Joint prenatal exposure to wildfires and heat waves and preterm birth in the U.S. ECHO-wide cohort. Society for Pediatric and Perinatal Epidemiology Research (SPER) Annual Meeting, June 9-10
- 2025 *Oh, the Places You'll (Not) Go!* Mapping children's geographies in Canada and the United States during the COVID-19 pandemic. Association of American Geographers Annual Meeting, March 24-28
- 2024 Aging in Risky Environmental Areas (AREA): Examining the relationship between place attachment and mental health among a nationwide sample of U.S. older adults. American Public Health Association Annual Meeting, October 27-30
- 2024 Phthalate and Phthalate Replacement Metabolites Exposure during Pregnancy and Adverse Pregnancy Outcomes in an Ethnically Diverse Nulliparous Pregnancy Cohort in the United States, 2010-2015. International Society of Exposure Science, October 20-24
- 2024 Examining Energy Insecurity in New York City Through StreetTalk: A Novel Street Intercept Interview Method for Rapid Social Media Dissemination. International Society for Environmental Epidemiology, August 25-28
- 2024 Prenatal Heat Exposure and Early Childhood Neurodevelopment. Break the Cycle of Children's Environmental Health Disparities Annual Conference, April 15-16
- 2023 Disruption to Test Scores after Tropical Cyclones in the United States. International Society for Environmental Epidemiology, September 17-21
- 2023 Disruption to Test Scores after Tropical Cyclones in the United States. International Society for Environmental Epidemiology North America Chapter Conference, June 19-21

- 2023 Neighborhood Socioeconomic Position, Living Arrangements, and Cardiometabolic Disease Among Older Puerto Ricans. Gerontological Society of America Annual Scientific Meeting, November 8-12
- 2022 Social Places: Shifting Neighborhood Perceptions Among Aging Americans During COVID-19. Gerontological Society of America Annual Scientific Meeting, November 2-6
- 2022 The development of a cumulative environmental stress index for disaster-exposed Louisiana families. American Public Health Association Annual Meeting, November 6-9
- 2022 The Impacts of Compounding Disasters among Young Adults in Puerto Rico. Puerto Rican Studies Association Conference, October 14-16
- 2022 Podcasting as research method? Safely connecting presumed vulnerable groups through the co-creation of an intergenerational podcast exploring the pandemic experiences of children, teens and older adults. National Campus/Community Radio Conference, May 31-June 4
- 2021 Loneliness and Social Connectedness Among Rural Older Adults Since the COVID-19 Pandemic Onset. Gerontological Society of America Annual Scientific Meeting, November 11-13
- 2021 Aging in Place Since the COVID-19 Pandemic Onset: A Qualitative Study of Neighborhood Engagement. Gerontological Society of America Annual Scientific Meeting, November 11-13
- 2021 Life in COVID: Children's and Older Adults' Daily Experiences, Mobilities, and Capacities. Natural Hazards Center Researchers Meeting, July 14-15
- 2021 The effects of cumulative natural disaster exposure on adolescent psychological distress. Natural Hazards Center Researchers Meeting, July 14-15
- 2021 Aging in Place Since the COVID-19 Pandemic Onset: A Qualitative Study of Neighborhood Engagement. American Association of Geographers Annual Meeting, April 9
- 2021 "Falling from Grace": A Qualitative Study of Disaster Exposure and Downward Mobility among Middle Class Families. Annual American Meteorological Society Meeting, January 10-15
- 2018 Chronic Disease Burden and Access to Care Among Asylum Seekers and Irregular Migrants in the European Union: A Scoping Review. La Pietra Health and Human Rights Dialogue, March 26-27

### **Poster Presentations**

- 2026 Prenatal and Early Life Phthalate Exposure and Early Life Stress: No Interactions with Adolescent Internalizing Symptoms. International Society of Environmental Epidemiology, August 30-September 2
- 2026 Heat Stress and Birth Outcomes in a Pregnancy Cohort in Rural Amhara, Ethiopia. Pediatric Academic Societies Meeting, April 24-27
- 2026 Lived Experiences of The Ramapough Lenape Turtle Clan Nation: A Qualitative Study of their Perceptions and Concerns living on a Superfund Site, Society of Toxicology Annual Meeting, March 22-25

- 2025 Energy Insecurity and Cognitive Function: A Preliminary Analysis of the Offspring Study. Gerontological Society of America Annual Scientific Meeting, November 12-15
- 2024 Innovatively Exploring Energy Insecurity in New York City (NYC): Insights from StreetTalk and @hotandcold\_nyc Dissemination. American Geophysical Union Annual Meeting, December 9-13
- 2024 The Rise of Unconventional Natural Gas Development and the Fall of Coal-Fired Power Plants: Associations with Pediatric Asthma Onset in Pennsylvania, American Geophysical Union Annual Meeting, December 9-13
- 2024 Exploring Predictors of Disaster Resilience Among Older Adults: Evidence from a Nationally Representative Survey. Natural Hazards Research Summit, May 14-15
- 2023 'I just can't stand being there anymore': Places of contention for older Americans during COVID-19. 16<sup>th</sup> European Public Health Conference, November 8-11
- 2023 Coping During COVID: Experiences and Strategies of Children, Teens, and Older Adults. Annual Natural Hazards Researchers Meeting, July 9-12
- 2022 Examining the effects of cumulative environmental stressors on child and adolescent health: a structural equation approach. American Public Health Association Annual Meeting, November 6-9
- 2022 Associations Between COVID-19 Vaccine Hesitancy and Socio-spatial Factors in NYC Transit Workers 50 Years and Older. American Public Health Association Annual Meeting, November 6-9
- 2022 Associations Between COVID-19 Vaccine Hesitancy and Socio-spatial Factors in NYC Transit Workers 50 Years and Older. Gerontological Society of America Annual Scientific Meeting, November 2-6
- 2022 COVID-19 Pandemic Preparedness in New York City Mass Transit. International Conference on Urban Health, October 24-27
- 2022 The development of a cumulative environmental stress index for disaster-exposed Louisiana families. New York City Exposome Symposium, July 12-13
- 2022 Life in COVID: Experiences, Mobilities, and Capacities of Children, Teens, and Older Adults. Annual Natural Hazards Workshop, July 10-13
- 2022 Examining the effects of cumulative environmental stressors on child and adolescent health: a structural equation approach. New York City Epidemiology Forum, May 23
- 2022 The development of a cumulative environmental stress index for disaster-exposed Louisiana families. New York City Epidemiology Forum, May 23
- 2022 Associations Between COVID-19 Vaccine Hesitancy and Socio-spatial Factors in NYC Transit Workers 50 Years and Older. New York City Epidemiology Forum, May 23

- 2021 Associations Between COVID-19 Vaccine Hesitancy and Socio-spatial Factors in NYC Transit Workers 50 Years and Older. NYU Langone Health Disparities Symposium, October 22
- 2021 Socio-behavioral factors associated with COVID-19 stigma. American Public Health Association Annual Meeting, October 21-22
- 2021 Impact of COVID-19 exposure in a non-traditional essential workgroup: NYC transit. American Public Health Association Annual Meeting, October 21-22
- 2021 Local Air and Personal Health: Understanding Environmental Exposures in North Brooklyn. International Society for Exposure Science Annual Conference, August 30-September 1
- 2021 The effects of cumulative natural disaster exposure on adolescent psychological distress. International Society for Environmental Epidemiology Annual Conference, August 23-26
- 2020 Systems Approaches to Climate Decision-Making in Coastal Communities. American Geophysical Union Fall Meeting, December 1-17
- 2020 Aging in High-Risk Coastal Regions: Examining the Social Infrastructure Needs of Older Adults Living in the Gulf Coast. Gerontological Society of America Annual Scientific Meeting, November 4-8
- 2020 The Ramapough Lunaape Nation: Facing health impacts associated with proximity to a Superfund site. NYU Langone Health Disparities Symposium, October 16
- 2020 The Ramapough Lunaape Nation: Facing health impacts associated with proximity to a Superfund site. Annual Conference for the International Society for Environmental Epidemiology, August 24-27
- 2020 Experiences and Mobilities of Children and Seniors During the COVID-19 Pandemic. Annual Natural Hazards Research and Applications Workshop, July 12-15
- 2019 “So I tell them not to laugh at me and they feel bad”: A mixed methods study of coping and stigma resistance among women with obstetric fistula in Ghana. American Public Health Association Annual Meeting, November 6-10
- 2019 Adverse Environmentally-associated Health Outcomes in American Indian and Alaska Natives: A Systematic Review of Epidemiological Studies. American Public Health Association Annual Meeting, November 6-10
- 2019 Health Disparities and a Local Native American Nation: A Toxic Legacy Continues. NYU Langone Health Disparities Symposium, October 24
- 2019 John Henryism, Education, Acculturation, Social Support, and Risk of Hypertension among Hispanics: Findings from the WICER Study. New York City Epidemiology Forum, February 22

## **INVITED PRESENTATIONS**

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- 2026 “Navigating the Job Market: Strategies and Timelines,” Department of Social and Behavioral Sciences, New York University School of Global Public Health, February 10

- 2026 "Studying Disaster at AU," Center for Environment, Community, & Equity, American University, January 27
- 2025 "Energy, Housing, Health and the Life Course: Windows of Susceptibility, Vulnerable Populations and Policy Opportunities," Equity, Energy and the Built Environment: Current Practices and Future Transitions, Columbia University School of Professional Studies, August 5
- 2025 "Impact of Environmental Exposures on Maternal and Child Health," Catalyst Seminar, New York University Collaborative Center in Children's Environmental Health Research & Translation, March 31
- 2024 Exploring Predictors of Disaster Resilience Among Older Adults: Evidence from a Nationally Representative Survey. Advancing the Biomedical Science of Resilience: A Discussion of Measures and Metrics, National Institutes of Health, September 24-25
- 2024 "Diversity and Disproportionate Health Outcomes," Community Partnerships Through the Lens of Environmental Scientists, New York University Grossman School of Medicine, April 8
- 2023 "The Toxic Legacy of Underserved Communities: Why Such Populations Have Greater Impacts," Toxicology, New York University School of Global Public Health, November 29
- 2023 "Mixed Methods and Survey Research," Research Methods in International Development, University of Ottawa School of International Development and Global Studies, October 19
- 2023 "Diversity and Disproportionate Health Outcomes," Community Partnerships Through the Lens of Environmental Scientists, New York University Grossman School of Medicine, February 13
- 2022 "The toxic legacy of marginalized communities: moving forward through academic and community partnerships," Global Toxicology and Community Health, New York University School of Global Public Health, December 7
- 2022 "Mixed Methods and Survey Research," Research Methods in International Development, University of Ottawa School of International Development and Global Studies, November 16
- 2022 "Examining the Effects of Cumulative Environmental Stressors on Child and Adolescent Health: A Structural Equation Approach," NIH T32 Retreat, Columbia University Mailman School of Public Health, October 28
- 2022 "How to Conduct a Successful Interview," Rise and Thrive Initiative, Unite & Inspire, July 15
- 2022 "Children's Risk and Resilience Facing Cumulative Environmental Stress: A Case Study of the 2010 Deepwater Horizon Oil Spill," Disasters, Complex Systems, and the Social Ecology of Health, New York University School of Global Public Health, April 28
- 2021 "Research Overview," Epidemiology for Global Health, New York University School of Global Public Health, December 6
- 2021 "Best Practices in Survey Design for Climate Vulnerability, Climate Impacts, and Climate Justice," Resilient Schools Consortium Youth Resilience Ambassador Corps, July 8
- 2021 "The effects of cumulative natural disaster exposure on adolescent psychological distress," Kids and the Environment Roundtable, Children at Risk, May 12

- 2021 “Qualitative Methods,” Research Methods in Public Health, New York University School of Global Public Health, April 21
- 2021 “Air Quality & Health in North Brooklyn,” North Brooklyn Neighbors Stakeholders Meeting, February 25
- 2020 “Rapid Research,” Qualitative & Field Methods in Global Public Health, New York University School of Global Public Health, November 4
- 2020 “Housing and place-based health disparities,” Global Issues in Social & Behavioral Health, New York University School of Global Public Health, October 13
- 2020 “Children’s Risk and Resilience Facing Cumulative Environmental Stress: A Case Study of the 2010 Deepwater Horizon Oil Spill, Preliminary Results,” Early Career Innovators Program, National Center for Atmospheric Research, August 7
- 2020 “Environmental Influences on Maternal Health,” Global Maternal Health, Icahn School of Medicine at Mount Sinai, February 3
- 2019 “Qualitative Methods,” Research Methods in Public Health, New York University School of Global Public Health, May 1
- 2018 “What is Global Health?” The Browning School, September 27

## **TEACHING EXPERIENCE**

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### **American University**

- 2026-Pres. Instructor, Health Research Methods (HLTH 350)
- 2025-Pres. Instructor, Environmental Health (ENVS 324, ENVS 424/624)

### **New York University School of Global Public Health**

- 2022 Instructor, Environmental Health in a Global World
- 2021 Instructor, Qualitative & Field Methods in Public Health
- 2020-2021 Course Assistant, Psychometric Measurement and Analysis in Public Health Research and Practice
- 2019-2020 Course Assistant, Global Issues in Social & Behavioral Health
- 2018 Grader, Global Health Informatics Workshop
- 2018 Course Assistant, Environmental Health in a Global World
- 2018 Course Assistant, Global Environmental Health
- 2018 Adjunct Instructor, Readings in the History and Philosophy of Public Health III: Social Justice

## Icahn School of Medicine at Mount Sinai

2020 Teaching Assistant, Global Maternal Health

### **RESEARCH GRANT PARTICIPATION**

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- 2025 “Socioeconomic impacts of hurricane exposure in the United States” Meltzer, Martinez, Persico, Brunel (co-PIs), AU Center for Environment, Community, and Equity, Role: Co-Principal Investigator, \$10,000
- 2026 “A Community-Based Mixed-Methods Analysis of Ivy City Residents’ Cumulative Environmental Stressors” Meltzer (PI), American University College of Arts and Sciences Faculty Grants for Scholarship and Creative Inquiry, Role: Principal Investigator, \$4,500
- 2022-2027 “Building food sovereignty, sustainability and better health in environmentally-impacted Native Americans” Zelikoff & Erdei (co-PIs), National Institute of Environmental Health Sciences, Role: Consultant

#### *Submitted*

- 2026 “A Mobile Platform for Real-Time Monitoring of Climate-Related Exposures, Health Impacts, and Individual and Community Needs” Meltzer & Ding (co-PIs), American University College of Arts and Sciences Interdisciplinary Seed Grant, Role: Principal Investigator
- 2026 “Landscapes of Insecurity: Climate Crisis, Public Health, and Security in East Africa” Sangaramoorthy (PI), American University College of Arts and Sciences Interdisciplinary Seed Grant, Role: Co-Investigator
- 2025 “South Texas Heat and Mental Health: Research and Mitigation with Youth and their Caregivers” Valdez (PI), National Institute of Environmental Health Sciences, Role: Co-Investigator

#### *Completed*

- 2021-2025 “Podcasting as research method? Safely connecting presumed vulnerable groups through the co-creation of an intergenerational podcast exploring the pandemic experiences of children, teens, and older adults” Gibb (PI), Government of Canada New Frontiers in Research Fund, Role: Co-Investigator
- 2021-2024 “NYC Transit Workers and COVID-19: Impact of Multilevel Interventions” Gershon (PI), National Institute of Nursing Research, Roles: Grant Coordinator & Consultant
- 2021-2023 “Stigma and COVID-19: Discrimination towards Asian Americans and vaccine hesitancy” Des Jarlais (PI), New York University School of Global Public Health, Role: Research Assistant
- 2020-2022 “*¡Estamos bien, Puerto Rico!* Compounding disasters and young adults in Puerto Rico” Torres (PI), National Science Foundation, Role: Co-Investigator

- 2020-2024 “Children and Older Adults in COVID-19” Gibb and Fothergill (PIs), National Science Foundation, Role: Co-Investigator
- 2019-2021 “Aging in High-Risk Coastal Regions: Examining the Social and Physical Infrastructure Needs of Older Adults in the Gulf Coast” Merdjanoff (PI), National Science Foundation, Role: Co-Investigator
- Not funded*
- 2025 “Assessing the Impact of Climate Hazards on Subjective and Objective Measures of Aging” Meltzer & Merdjanoff (co-PIs), Center for Aging, Health, and Environment

## **SERVICE TO PROFESSION**

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- Ad hoc Reviewer, *Aging and Mental Health, Archives of Public Health, Archives of Women’s Mental Health, Atmosphere, Australasian Journal of Disaster and Trauma Studies, BMC Public Health, BJOG: An International Journal of Obstetrics and Gynaecology, BMC Psychiatry, BMJ Open, Cities, Cleaner Waste Systems, Environment International, Environmental Justice, Environmental Research Communications, Environmental Research: Health, Frontiers in Cancer Control and Society, Frontiers in Public Health, Globalization and Health, Green Health, Healthcare, Health & Social Care in the Community, International Journal of Environmental Research and Public Health, International Journal of Psychological Research, Journal of Adolescent Health, Journal of Child and Family Studies, Journal of Aging and Health, Journal of Aging & Social Policy, Journal of Autism and Developmental Disorders, Journal of Emergency Management, Journal of Gerontology: Social Sciences, Maternal and Child Health Journal, PLOS ONE, Population and Environment, Rural Sociology, SAGE Open, Scientific Reports, Social Psychiatry and Psychiatric Epidemiology, Social Science & Medicine, Stigma and Health, Sustainability, The Gerontologist, The Journal of Global Health, Wellcome Open Research*
- 2026-Pres. Faculty Member, Break the Cycle of Children’s Environmental Health Disparities
- 2025-Pres. Advisory Board Member, “Climate Laws, Institutions, Policies and Practices in nation-States (CLIPPS)” Eisenstadt & Maboudi (co-PIs), National Science Foundation
- 2025-Pres. Associate Editor, Environmental Epidemiology section, *Frontiers in Environmental Health*
- 2025-2026 Guest Editor, Understanding the Link Between Climate Change and Public Health Vulnerabilities, *International Journal of Environmental Research and Public Health*
- 2025-2026 Guest Editor, Intervention and Implementation for Environmental Health Sciences, *Frontiers in Environmental Health*
- 2025-Pres. Reviewer, United States-Israel Binational Science Foundation
- 2024-Pres. Trusted Reviewer, *Archives of Public Health*
- 2024-Pres. Member, Early Career Research Investigator New Article (Seminar) Committee, *Environmental Health Perspectives*

- 2023 Abstract Reviewer, International Society of Environmental Epidemiology North American Chapter
- 2022-Pres. Early Career Researcher Reviewer, *Environmental Health Perspectives*
- 2022 Member, Climate Change & Health Interest Group, NYU Children's Environmental Health Research & Translation Center
- 2022 Abstract Reviewer, Mental Health Program, American Public Health Association
- 2022 Member, Expert Lead Group, Pure Earth
- 2021 Advisory Board Member, NYC Transit Workers and COVID-19: Impact of Multilevel Interventions
- 2021 Abstract Reviewer, Gerontological Society of America
- 2021 Abstract Reviewer, Environment Program, American Public Health Association
- 2019 Abstract Reviewer, Epidemiology Program, American Public Health Association
- 2019 Abstract Reviewer, Global Health Film Festival Program, American Public Health Association
- 2018 Study Group Member, Environmental Health in China, Council on Foreign Relations
- 2016-2017 Co-Chair, Research Associate Discussion Group, Council on Foreign Relations
- 2016-2017 Contributor, "Friday Asia Update," *Asia Unbound*, Council on Foreign Relations
- 2016-2018 Associate Editor, *Global Health Governance*

**DEPARTMENTAL/UNIVERSITY SERVICE**

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**American University**

- 2025-2026 Member, AI in Teaching Committee, Department of Environmental Science
- 2025-2026 Member, Biomedical and Environmental Health Sciences PhD Program Committee
- 2025-2026 Member, Student Engagement Committee, Department of Environmental Science
- 2025-2026 Member, Merit Review Committee, Department of Health Studies

**Columbia University Mailman School of Public Health**

- 2023 Workshop Guide, Indigenous Environmental Health Research Workshop, Skills for Health and Research Professionals Program

## **New York University School of Global Public Health**

- 2021 Graduate Student Mentor, Pipelines into Quantitative Aging Research Summer Program
- 2020-2021 Student Representative, Teaching Excellence Committee
- 2020-2022 PhD Student Ambassador, Department of Social and Behavioral Sciences
- 2018-2022 Admissions Ambassador
- 2018-2019 Epidemiology Tutor
- 2017-2018 Planning Committee Member, Third Annual Health and Human Rights Dialogue

### **STUDENT MENTORSHIP**

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#### *Current Undergraduate Students*

- 2025-2026 Libby Triebwasser, Break the Cycle of Children’s Environmental Health Disparities Fellowship, “Immigrant Children, Health and Climate Change Within U.S Detention Facilities: An Extensive Review”
- 2025-2026 Amelia Rowniewski, Break the Cycle of Children’s Environmental Health Disparities Fellowship, “Supporting Children with Chronic Kidney Disease During Climate Emergencies”
- 2025-2026 Eve Bryner, Break the Cycle of Children’s Environmental Health Disparities Fellowship, “Climate Change and Vector-Borne Diseases in Low-Income Children”
- 2025-Pres. Kiran Shaw, CHILL Lab Research Assistant
- 2025-Pres. Selvin Edwards, CHILL Lab Research Assistant
- 2025-Pres. Zemawit Bekele, CHILL Lab Research Assistant
- 2025-Pres. Marie Remy, CHILL Lab Research Assistant

#### *Current Graduate Students*

- Exp. 2026 Luke Barlow, PhD Student, Biomedical and Environmental Health Sciences
- 2026 Independent Study Supervisor, Kaleigh Missimer, Master’s Student, Environmental Science
- 2025-2026 External Reader for Master’s Thesis, Maite Salim Saker Santos Lima, “Lived Experiences of the Ramapough Lenape Turtle Clan Nation at the Ringwood Mines Superfund Site,” New York University Graduate School of Arts and Sciences Division of Environmental Medicine

## **MEDIA APPEARANCES**

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- 2026 "Why is Climate Change the Threat Multiplier that is Ultimate Unifier?" Health Snaps, February 18
- 2025 "How Do I Keep My Family Healthy in an Era of Extreme Climate Events?" Health Snaps, December 8
- 2022 "Environmental Justice Impacts of Offshore Drilling," The Climate Pod, April 27

## **COMMUNITY INVOLVEMENT/OUTREACH**

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- 2026 Volunteer, Career Day, Christa McAuliffe Elementary School
- 2020 Alumni Mentor, University of Pennsylvania College of Arts and Sciences
- 2017 Alumni Panelist, GlobeMed at the University of Pennsylvania
- 2017 Panelist, Military Fellowship, Council on Foreign Relations
- 2017 Guest Presenter, Global Kids Program, Council on Foreign Relations
- 2015-2022 Alumni Interviewer, University of Pennsylvania Alumni Interview Program

## **RELATED PROFESSIONAL SKILLS**

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Microsoft Office, Stata, RStudio, ArcMap, ArcGIS Pro, QGIS, NVivo, Dedoose, Qualtrics, MPlus, Tableau, NetLogo, Draw.io

## **PROFESSIONAL MEMBERSHIPS/AFFILIATIONS**

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American University Chapter, American Association of University Professors

Public Health in Extreme Events Research Network, CONVERGE Natural Hazards Center

Social Science Extreme Events Research Network, CONVERGE Natural Hazards Center  
American Geophysical Union

Larger Network, Emancipatory Sciences Lab, University of California San Francisco Institute for Health and Aging

International Society of Exposure Science

Gerontological Society of America

International Society for Environmental Epidemiology

American Public Health Association

## PROFESSIONAL DEVELOPMENT & CONTINUING EDUCATION

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2026	Artificial Intelligence Institute, Center for Faculty Excellence, American University
2025	Course Design Institute, Center for Teaching, Research and Learning, American University
2024	CAFÉ Climate and Health Mentorship Program, Climate Change and Health Research Coordinating Center
2024	R Workshop Series, Pregnancy Risk Stratification Innovation and Measurement Alliance
2024	Focus on Peer Review, <i>Nature</i> Masterclasses
2023	Introduction to Environmental Epidemiology, International Society for Environmental Epidemiology
2023	SuperPowers Workshop: Successfully Navigating Research Careers, MD Anderson Cancer Center
2023	Intensive R for Epidemiologists, EpiSummer@Columbia, Columbia University Mailman School of Public Health
2023	Bayesian Modeling for Environmental Health Workshop, Skills for Health and Research Professionals Training, Columbia University Mailman School of Public Health
2022	The Exposome Boot Camp: Measuring Exposures on an Omic Scale, Skills for Health and Research Professionals Training, Columbia University Mailman School of Public Health
2022	Preparing Future Faculty II: Achieving Success through Communication, New York University Graduate School of Arts and Sciences
2021	Preparing Future Faculty I: The Art and Craft of Teaching, New York University Graduate School of Arts and Sciences
2021-Pres.	Mentoring Program, International Society for Environmental Epidemiology North American Chapter
2020	Spatial Epidemiology, EpiSummer@Columbia, Columbia University Mailman School of Public Health
2020	Fighting COVID-19 with Epidemiology: A Johns Hopkins Teach-Out, Johns Hopkins University Bloomberg School of Public Health
2019	Broadening Participation in the Interdisciplinary Geosciences: Hands-on Training and Education Workshop, National Center for Atmospheric Research
2018	R Workshop Series, New York University School of Global Public Health

2018      Dissertation Proposal Workshop with Drs. Bruce Link and Jo Phelan, New York  
University School of Global Public Health