

Justin Stoler

Curriculum Vitae

Department of Geography and Sustainable Development, University of Miami
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Academia

- 2024-present *Professor*, Department of Geography and Sustainable Development, College of Arts and Sciences (tenure home), University of Miami, Coral Gables, FL.
- 2024-present *Professor*, Department of Public Health Sciences, Miller School of Medicine (secondary appointment), University of Miami, Miami, FL.
- 2012-present *Faculty Affiliate*, The Leonard and Jayne Abess Center for Ecosystem Science and Policy, University of Miami, Coral Gables, FL.
- 2018-2024 *Associate Professor*, Department of Geography and Sustainable Development, College of Arts and Sciences (tenure home), University of Miami, Coral Gables, FL.
- 2018-2024 *Associate Professor*, Department of Public Health Sciences, Miller School of Medicine (secondary appointment), University of Miami, Miami, FL.
- 2022 *Policy and Practice Visiting Associate*, Pulte Institute for Global Development, University of Notre Dame.
- 2019-2021 *Faculty Scholar*, The Leonard and Jayne Abess Center for Ecosystem Science and Policy, University of Miami, Coral Gables, FL.
- 2012-2018 *Assistant Professor*, Department of Geography and Regional Studies, College of Arts and Sciences, University of Miami, Coral Gables, FL.
- 2012-2018 *Assistant Professor*, Department of Public Health Sciences, Miller School of Medicine (secondary appointment), University of Miami, Coral Gables, FL.
- 2008-2012 *Doctoral Research Assistant*, Departments of Geography, San Diego State University (San Diego) and University of California Santa Barbara (Santa Barbara), CA.
- 2005-2008 *Graduate Assistant*, Department of Geography, San Diego State University, San Diego, CA.

Other Employment

- 2003-2006 **Sumitomo Mitsui Banking Corporation** **New York, NY**
Consultant, Planning Development Americas Division, Information Systems.
- 2001-2002 **Deutsche Bank AG** **New York, NY**
Program Manager, Global MIS Coordination, Central Management.
- 2000-2001 Associate, The DB Consulting Group, Global Technology & Services.
- 1999-2000 **PricewaterhouseCoopers, LLP** **New York, NY**
Consultant, Management Consultant Services, Financial Services Practice.
- 1997-1999 **Boston Consulting Group** **New York, NY**
Business Analyst, Human Resources and Career Development.

Education

- 2012 Ph.D. Geography, Joint Doctoral Program, UC Santa Barbara and San Diego State University, CA.
- 2008 M.P.H. Epidemiology, Graduate School of Public Health, San Diego State University, CA.
- 2007 M.S. Geography, concentration in Geographic Information Science, San Diego State University, CA.
- 1997 B.S. Management, B.A. Psychology, Binghamton University, NY.

Certification

- 2008-present Certified in Public Health (C.P.H.), National Board of Public Health Examiners.

Publications

- Refereed (* graduate student co-author; ** undergraduate student co-author, † corresponding author)
121. Jepson WE, **Stoler J**, Thomson P, Wutich A. 2025. Revisiting water security and the state. *Water International*, 50(5): 381-389.
120. Wutich A, Brewis A, Thomson P, Beresford M, White D, Arizona Water for All Consortium [Castro-Diaz L, Chowdhury MA, Díaz-Infante D, Hossain MJ, Jacob C, Jankovic-Rankovic J, Jepson W, Jordão C, Li W, Medina-Ramírez O, Roque AD, Salcedo-Serrano D, Sherrill D, **Stoler J**, Tian Y,

- Voth-Gaeddert LI, Westerhoff P, Yerman AJ. 2025. Ethical challenges of managing retreat from centralized water systems. *Human Organization*. 1-4. doi:10.1080/00187259.2025.2499679
119. Jepson WE, Wutich A, Pearson AL, Beresford M, Brewis A, Cooperman A, Osborne-Gowey J, Rempel J,* Rosinger AY, **Stoler J†**. 2025. Beyond peak water security: Household-scale experiential metrics can offer new perspectives on contemporary water challenges in the United States. *PLOS Water*, 4(8): e0000413.
 118. Pearson AL, Jepson W, Brewis A, Osborne-Gowey J, Wutich A, Beresford M, Rosinger AY, Enders A, **Stoler J**, and the HWISE-USA Consortium. 2025. A protocol for the development of a validated scale of household water insecurity in the United States: HWISE-USA. *PLOS One*, 20(8): e0330087.
 117. **Stoler J†**, Painter MA, Sharygin E, Shah SH. 2025. The rise of hazard gentrification. *International Journal of Disaster Risk Reduction*, 126: 105618.
 116. Brewis A, Jepson WE, Rosinger AY, **Stoler J**, Workman CL, Wutich A, Young SL. 2025. Interacting water insecurity and food insecurity: recent advances in theory and application. *American Journal of Human Biology*, 37(5): e70052.
 115. Goel N, Hernandez A, **Stoler J**. 2025. Geospatial genomics: Operationalizing multilevel conceptual frameworks of cancer health outcomes to account for gene-person-place relationships. *Journal of Clinical Oncology*, 43(13): 1534-1538.
 114. Borja NA, Tinker R, Bivona SA, Smith CA, Krijnse-Locker T,** Undiagnosed Diseases Network, Phillips JA, **Stoler J**, Taylor H, Zuchner S, Tekin M. 2025. Advancing equity in rare disease research: Insights from the Undiagnosed Diseases Network. *American Journal of Medical Genetics Part A*, 197(2): e63904.
 113. Ramsey WA, **Stoler J**, Huerta CT, Saberi RA, O'Neil CF, Haggerty CR, Bustillos LT, Perez EA, Sola JE, Satahoo SS, Schulman CI, Thorson CM. 2025. Geospatial analysis of pediatric burns reveals opportunities for injury prevention. *Journal of Pediatric Surgery*, 60(1): 161963.
 112. Meyer M, Enders A, Kloststad C, **Stoler J**, Uscinski J. 2024. Using an AI-powered “street epistemologist” chatbot and reflection tasks to diminish conspiracy theory beliefs. *Harvard Kennedy School Misinformation Review*, 5(6): 1-17.
 111. Frongillo EA, Bethancourt HJ, Miller JD, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [Ahmed JF, Alexander M, Carrillo G, Chapman K, Cole S, Eini-Zinab- H, Figueroa L, Ghattas H, Jamaluddine Z, Jepson WE, Krishnakumar D, Melgar-Quinonez H, Mathad J, Marin Morales M, Moran J, Omidvar N, Rasheed S, Rosinger AY, Sheikhi M, Srivastava, S, Staddon C, **Stoler J**, Sullivan A, Workman CL]. 2024. Identifying ordinal categories for the Water Insecurity Experience Scales. *Journal of Water, Sanitation & Hygiene for Development*, 14(11): 1066-1078.
 110. Rosinger AY, **Stoler J**, Ford LB, McGrosky A, Sadhir S, Ulrich M, Todd M, Bobbie N, Nzunza R, Braun DR, Ndiema EK, Douglass MJ, Pontzer H. 2024. Mobility ideation due to water problems during historic 2022 drought associated with livestock wealth, water and food insecurity, and fingernail cortisol concentration in Northern Kenya. *Social Science & Medicine*, 359, 117280.
 109. Jankovic-Rankovic J, Roque A, Rosinger AY, Adams EA, Pearson AL, Lloréns H, Garcia-Quijano C, **Stoler J**, Harris LM, Wutich A, Brewis A. 2024. Household water sharing: Implications for disaster recovery and water policy. *Water Security*, 23: 100178.
 108. Collins SM, Mock N, Chaparro MP, Rose D, Watkins B, Wutich A, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [Jamaluddine Z, Ghattas H, Ahmed F, Cole S, Workman CL, Miller JD, **Stoler J**]. 2024. Toward a more systematic understanding of water insecurity coping strategies: Insights from eleven global sites. *BMJ Global Health*, 9: e013754.
 107. Thomson P, Pearson AL, Kumpel E, Guzmán DB, Workman CL, Fuente D, Wutich A, **Stoler J†**, and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2024. Water supply interruptions are associated with more frequent stressful behaviors and emotions but mitigated by predictability: A multisite study. *Environmental Science & Technology*, 58(16): 7010-7019.
 106. Thomson P, **Stoler J**, Wutich A, Westerhoff P. 2024. MAD water (modular, adaptive, decentralized) systems: New approaches for overcoming challenges to global water security. *Water Security*, 21: 100166.
 105. Thomson P, **Stoler J**, Byford M, Bradley D. 2024. The impact of rapid handpump repairs on diarrhea morbidity in children: Cross-sectional study in Kwale County, Kenya. *JMIR Public Health and Surveillance*, 10: e42462.

104. Hernandez AE, Westrick AC, **Stoler J**, Kesmodel SB, Pinheiro PS, Figueroa M, Kobetz EN, Rebbeck T, Goel N. 2024. Associations between neighborhood-level income and triple-negative breast cancer in a majority-minority population. *Annals of Surgical Oncology*, 31: 988-996.
103. Goldfinger E,** **Stoler J**, Goel N. 2024. A multi-scale spatio-temporal epidemiological analysis of neighborhood correlates of triple negative breast cancer. *Cancer Epidemiology, Biomarkers & Prevention*, 33(2): 279-287.
102. Lemaitre AK,* **Stoler J**. 2023. Socio-political barriers to sustainable urban water governance: The case of Cartagena, Colombia. *Water International*, 48(6): 783-803.
101. Lemaitre AK,* Miller JD,* **Stoler J**†. 2023. Household water insecurity experiences and their perceived determinants in a low-income community of Cartagena, Colombia, during a water service expansion project. *PLOS Water*, 2(9): e0000154.
100. Wutich A, Thomson P, Jepson W, **Stoler J**, Cooperman A, Doss-Gollin J, Jantrania A, Mayer A, Nelson-Nunez J, Walker S, Westerhoff P. 2023. MAD Water: integrating modular, adaptive, and decentralized approaches for water security in the climate change era. *WIREs Water*, 10(6): e1680.
99. Casanova F,* Prasad S, Bermudez Garolera D,** Riopelle C, **Stoler J**†. 2023. Hurricane vulnerability and constrained choices among mobile home park residents in South Florida. *Weather, Climate, and Society*, 15(3): 677-692.
98. **Stoler J**†, Guzmán DB, Adams EA. 2023. Measuring transformative WASH: A new paradigm for evaluating water, sanitation, and hygiene interventions. *WIREs Water*, 10(5): e1674.
97. Choudhury A, Stuart E,** **Stoler J**, Vu DM, Chan TC. 2023. Regional disparities in pediatric uveitis care availability in the United States. *Ophthalmology*, 130(10): 1099-1101.
96. Rhue S,* Torrico G,** Amuzie C,* Collins SM,* Lemaitre A,* Workman CL, Rosinger AY, Pearson AL, Piperata BA, Wutich A, Brewis A, **Stoler J**†. 2023. The effects of household water insecurity on childhood health and well-being. *WIREs Water*, 10(6): e1666.
95. Saberi RA,* **Stoler J**, Gilna GP, Turpin AG, Huerta CT, Ramsey WA, O'Neil CF, Meizoso JP, Brady AC, Hogan AR, Ford HR, Perez EA, Sola JE, Thorson CM. 2023. Pediatric pedestrian injuries: striking too close to home. *Journal of Pediatric Surgery*, 58(9): 1809-1815.
94. Goel N, Hernandez A, Thompson C, Choi S, Westrick A, **Stoler J**, Antoni MH, Rojas K, Kesmodel S, Figueroa ME, Cole S, Merchant N, Kobetz E. 2023. Neighborhood disadvantage and breast cancer-specific survival. *JAMA Network Open*, 6(4): e238908.
93. **Stoler J**†, Jepson WE, Brewis A, Wutich A. 2023. Frontiers of household water insecurity metrics: severity, adaptation, and resilience. *BMJ Global Health*, 8(5): e011756.
92. Stuart E,** **Stoler J**†, Pearson AL, Asiki G. 2023. Spatial heterogeneity of household water insecurity in rural Uganda: Implications for development. *Water International*, 48(2): 282-301.
91. Shah SH, Harris LM, Menghwani V, **Stoler J**, Brewis A, Miller JD, Workman CL, Adams EA, Pearson AL, Hagaman A, Wutich A, Young SL and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2023. Variations in household water affordability and water insecurity: An intersectional perspective from 18 low- and middle-income countries. *Environment and Planning F*, 2(3): 369-398.
90. **Stoler J**†, Guzmán DB, Adams EA. 2023. Revisiting transformative WASH: Measuring impact. *The Lancet Global Health*, 11(4): E493-E494.
89. Shrader C-H,* Westrick A, Vos S,* Perrino T, Kanamori M, Ter-Ghazaryan D, **Stoler J**†. 2023. Sociodemographic correlates of affordable community behavioral health treatment facility availability in Florida: A cross-sectional study. *Journal of Behavioral Health Services & Research*, 50: 348-364.
88. Enders AM, Kloststad CA, **Stoler J**, Uscinski JE. 2022. How anti-social personality traits and anti-establishment views promote beliefs in election fraud, QAnon, and COVID-19 conspiracy theories and misinformation. *American Politics Research*, 51(2): 247-259.
87. Li H, **Stoler J**. 2022. COVID-19 and urban futures: Impacts on business closures in Miami-Dade County. *Annals of the American Association of Geographers*, 113(4): 834-856.
86. **Stoler J**†, Staddon C. 2022. Open access and the evolving academic publishing landscape of the water sector. *Water International*, 48(1): 5-17. **Editor's Choice distinction.**
85. Shrader C-H,* **Stoler J**, Arroyo-Flores J, Doblecki-Lewis S, Carrico A, Saffren S, Fallon S, Kanamori M. 2022. Geographic disparities in availability of Spanish-language PrEP services among Latino sexual minority men in South Florida. *Journal of Immigrant and Minority Health*, 25: 374-381.
84. Enders AM, Uscinski JE, Kloststad CA, **Stoler J**. 2022. On the relationship between conspiracy theory beliefs, misinformation, and vaccine hesitancy. *PLOS ONE*, 17(10): e0276082.
83. Sidote MN,* **Stoler J**†, Amoako N,* Duodu S, Awandare G. 2022. Animal contact and paediatric acute febrile illness in Greater Accra Region, Ghana. *Ghana Medical Journal*, 56(3): 221-230.

82. Mao F, Miller JD, Young SL, Krause S, Hannah DM, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [**Stoler J, and others**]. 2022. Inequality of household water security: towards a Developmental Kuznets Curve concept. *Nature Communications*, 13: 4525.
81. **Stoler J**†, Jepson W, Wutich A, Velasco CA,* Thomson P, Staddon C, Westerhoff P. 2022. Modular, adaptive, and decentralised water infrastructure: promises and perils for water justice. *Current Opinion in Environmental Sustainability*, 57: 101202.
80. **Stoler J**, Klofstad CA, Enders EM, Uscinski JE. 2022. Sociopolitical and psychological correlates of COVID-19 vaccine hesitancy in the United States during summer 2021. *Social Science & Medicine*, 306: 115112.
79. Uscinski JE, Enders AM, Klofstad CA, **Stoler J**. 2022. Cause and effect: On the antecedents and consequences of conspiracy theory beliefs. *Current Opinion in Psychology*, 47: 101364.
78. Omori M, Lautenschlager R, **Stoler J**. 2022. Organizational practice and neighborhood context of racial inequality in police use-of-force. *Social Problems*, 71(3): 748-769.
77. **Stoler J**†, Pearson AL, Rosinger AY, Lee AE, Bombardi R, Brewis A, Keough SB, López-Carr D, Shrader C-H,* Stauber CE, Stevenson EGJ, Sullivan A,* Tutu RA. 2022. The role of water in environmental migration. *WIREs Water*, 9(3): e1584.
76. Wutich A, Rosinger AY, Brewis A, Beresford M, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [**Stoler J, and others**]. 2022. Water sharing is a distressing form of reciprocity: Shame, upset, anger, and conflict over water in twenty cross-cultural sites. *American Anthropologist*, 124(2): 279-290.
75. Goel N, Westrick AC, Bailey ZD, Hernandez A, Balise RR, Goldfinger E,** Antoni MH, **Stoler J**, Kesmodel SB, Kobetz EN. 2022. Structural racism and breast cancer-specific survival: Impact of economic and racial residential segregation. *Annals of Surgery*, 275(4): 776-783.
74. Gilna GP,* **Stoler J**, Saberi RA,* Baez AC, Ramsey WJ, Huerta CT, O'Neil CF, Rattan R, Perez EA, Sola JE, Thorson CM. 2022. Analyzing pediatric bicycle injuries using geo-demographic data. *Journal of Pediatric Surgery*, 57(5): 915-917.
73. Sidote MN,* Goodman ZT,* Paraggio CL,** Tutu RA, **Stoler J**†. 2022. Measurement invariance of a household water insecurity metric in Greater Accra, Ghana: implications for test-retest reliability. *International Journal of Hygiene and Environmental Health*, 240: 113922.
72. Enders AM, Uscinski JE, Klofstad CA, Wuchty S, Seelig MI, Funchion JR, Murthi MN, Premaratne K, **Stoler J**. 2022. Who supports QAnon? A case study in political extremism. *Journal of Politics*, 84(3): 1844-1849.
71. Enders AM, Uscinski JE, Seelig MI, Klofstad CA, Wuchty S, Funchion JR, Murthi MN, Premaratne K, **Stoler J**. 2021. The relationship between social media use and beliefs in conspiracy theories and misinformation. *Political Behavior*, 45: 781-804.
70. Workman CL, **Stoler J**, Harris AR, Ercumen A, Kearns J, Mapunda K. 2021. Food, water, and sanitation insecurities: Complex linkages and implications for achieving WASH security. *Global Public Health*, 17(11): 3060-3075.
69. **Stoler J**†, Miller JD,* Adams EA, Ahmed F, Alexander M, Asiki G, Balogun M, Boivin MJ, Brewis A, Carrillo G, Chapman K, Cole S, Collins SM,* Escobar-Vargas J, Eini-Zinab H, Freeman MC, Ghorbani M, Hagaman A, Hawley N, Jamaluddine Z,* Jepson WE, Krishnakumar D, Maes K, Mathad J, Maupin J, Owuor PM,* Morales MM, Morán-Martínez J, Omidvar N, Pearson AL, Rasheed S, Rosinger AY, Samayoa-Figueroa L, Sánchez-Rodríguez EC, Santoso MV, Schuster RC, Sheikhi M, Srivastava S, Staddon C, Sullivan A,* Tesfaye Y, Trowell A, Tshala-Katumbay D, Tutu RA, Workman CL, Wutich A, Young SL. 2021. The Household Water Insecurity Experiences (HWISE) scale: comparison scores from 27 sites in 22 countries. *Journal of Water, Sanitation, and Hygiene for Development*, 11(6): 1102-1110.
68. Shrader C-H,* Arroyo-Flores J, **Stoler J**, Skvoretz J, Carrico A, Doblecki-Lewis S, Kanamori M. 2021. The association between social and spatial closeness with PrEP conversations among Latino men who have sex with men. *JAIDS Journal of Acquired Immune Deficiency Syndromes*, 88(4): 366-375.
67. Wutich A, Jepson WE, **Stoler J**, Thompson P, Kooy M, Brewis A, Staddon C, Meehan K. 2021. A global agenda for household water security: measurement, monitoring, and management. *Journal of the American Water Resources Association*, 57(4): 530-538.
66. **Stoler J**†, Enders AM, Klofstad CA, Uscinski JE. 2021. The limits of medical trust in mitigating COVID-19 vaccine hesitancy among Black Americans. *Journal of General Internal Medicine*, 36: 3629-3631.

65. Pearson AL, Mack EA, Ross A, Marcantonio R, Zimmer A, Bunting EL, Smith AC, Miller JD, Evans T, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [**Stoler J, and others**]. 2021. Interpersonal conflict over water is associated with household demographics, domains of water insecurity, and regional conflict: Evidence from nine sites across eight sub-Saharan African countries. *Water*, 13(9): 1150.
64. Jepson WE, **Stoler J**, Baek J,* Morán Martínez J, Uribe Salas FJ, Carrillo G. 2021. Cross sectional study to measure household water insecurity and its health outcomes in urban Mexico. *BMJ Open*, 11(3): e040825.
63. **Stoler J**†, Miller JD,* Brewis A, Freeman M, Harris L, Jepson WE, Pearson AL, Rosinger AY, Shah SH,* Staddon C, Workman C, Wutich A, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2021. Household water insecurity will complicate the ongoing COVID-19 response: Evidence from 29 sites in 23 low- and middle-income countries. *International Journal of Hygiene and Environmental Health*, 234: 113715.
62. **Stoler J**†, Brewis A, Kangmennang J, Keough SB, Pearson AL, Rosinger AY, Stauber C, Stevenson EGJ. 2021. Connecting the dots between climate change, water insecurity, and migration. *Current Opinion in Environmental Sustainability*, 51: 36-41.
61. Goodman ZT,* Stamatis CA,* **Stoler J**, Emrich CT, Llabre MM. 2021. Methodological challenges to confirmatory latent variable models of social vulnerability. *Natural Hazards*, 106: 2731-2749.
60. Vu DM, **Stoler J**, Rothman AL, Chang TC. 2021. A service coverage analysis of primary congenital glaucoma care across the United States. *American Journal of Ophthalmology*, 224: 112-119.
59. Urrechaga EM, **Stoler J**, Quinn K, Cioci AC, Nunez V, Rodriguez Y, Quiroz HJ, Sussman MS, Perez EA, Ford HR, Sola JE, Thorson CM. 2021. Geo-demographic analysis of pediatric firearm injuries in Miami, FL. *Journal of Pediatric Surgery*, 56(1): 159-164.
58. Workman C, Brewis A, Wutich A, Young SL, **Stoler J**, Kearns J. 2021. Understanding biopsychosocial health outcomes of syndemic water and food insecurity: applications for global health. *American Journal of Tropical Medicine and Hygiene*, 104(1): 8-11.
57. Young SL, Miller JD, Frongillo EA, Boateng GO, Jamaluddine Z, Neilands TB, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [**Stoler J, and others**]. 2021. Validity of a four-item Household Water Insecurity Experiences Scale for assessing water issues related to health and well-being. *American Journal of Tropical Medicine and Hygiene*, 104(1): 391-394.
56. Kanamori M, Shrader CH,* **Stoler J**, Aguilar de Santana S, Williams M. 2021. Geographic accessibility of HIV preventive services for young Latino men in Miami, Florida: A cross-sectional study. *Journal of the Association of Nurses in AIDS Care*, 32(1): 68-78.
55. **Stoler J**†, Ter-Ghazaryan D, Sheskin I, Pearson AL, Schnakenberg G, Cagalan D, Swanson K, Jankowski P. 2021. What's in a name? Undergraduate student perceptions of geography, environment, and sustainability key words and program names. *Annals of the American Association of Geographers*, 111(2): 317-342.
54. Enders AM, Uscinski JE, Klostad C, **Stoler J**. 2020. The different forms of COVID-19 misinformation and their consequences. *The Harvard Kennedy School (HKS) Misinformation Review*, 1(8): 1-21.
53. Venkataramanan V, Geere J-A, Thomae B,** **Stoler J**, Hunter PR, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2020. In pursuit of 'safe' water: the burden of personal injury from water fetching in 21 low-income and middle-income countries. *BMJ Global Health*, 5(10): e003328.
52. Rosinger AY, Brewis A, Wutich A, Jepson WE, Staddon C, **Stoler J**, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2020. Water borrowing is consistently practiced and associated with water system failures across diverse environments globally. *Global Environmental Change*, 64: 102148.
51. Rothman AL, **Stoler J**, Vu DM, Chang TC. 2020. A geo-demographic service coverage analysis of travel time to glaucoma specialists in Florida. *Journal of Glaucoma*, 29(12): 1147-1151.
50. **Stoler J**†, Jepson WE, Wutich A. 2020. Beyond handwashing: water insecurity undermines COVID-19 response in developing areas. *Journal of Global Health*, 10(1): 010355.
49. Smiley S, **Stoler J**. 2020. Socio-environmental confounders of safe water interventions. *WIREs Water*, 7(3): e1438.
48. **Stoler J**†, Pearson AL, Staddon C, Wutich A, Mack EA, Brewis A, Rosinger AY and the Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN). 2020. Cash water expenditures are associated with household water insecurity, food insecurity, and perceived stress

- in study sites across 20 low- and middle-income countries. *Science of the Total Environment*, 716: 135881.
47. Adams EA, **Stoler J**, Adams Y. 2020. Water insecurity and urban poverty in the global south: implications for health and human biology. *American Journal of Human Biology*, 32: e23368.
 46. Schuster RC, Butler MS, Wutich A, Miller JD, Young SL, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**) [**Stoler J, and others**]. 2020. "If there is no water, we cannot feed our children": the far-reaching consequences of water insecurity on infant feeding practices and infant health across 16 low- and middle-income countries. *American Journal of Human Biology*, 32: e23357.
 45. Wutich A, Rosinger A, **Stoler J**, Jepson W, Brewis A. 2020. Measuring human water needs. *American Journal of Human Biology*, 32: e23350.
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 39. Young SL, Collins SM, Boateng GO, Neilands TB, Jamaluddine Z, Miller JD, Brewis A, Frongillo EA, Jepson WE, Melgar-Quinonez H, Schuster RC, **Stoler J**, Wutich A, and the Household Water Insecurity Experiences Research Coordination Network (**HWISE-RCN**). 2019. Development and validation protocol for an instrument to measure household water insecurity across cultures and ecologies: The Household Water InSecurity Experiences (HWISE) Scale. *BMJ Open*, 9(1): e023558.
 38. **Stoler J**†, Brewis A, Harris LM, Wutich A, Pearson AL, Rosinger AY, Schuster RC, Young SL. 2019. Household water sharing: a missing link in international health. *International Health*, 11(3): 163-165.
 37. Adams EA, Price H, **Stoler J**. 2019. Urban slums, drinking water, and health: Trends and lessons from sub-Saharan Africa. In I Vojnovic, A Pearson, A Gershim, A Allen, G Deverteuill, Eds. *Routledge Handbook of Global Urban Health*, Routledge, NY, 533-552.
 36. Williams JR, Petersen N, **Stoler J**. 2018. Characterizing the spatial mismatch between intimate partner violence related healthcare services and arrests in Miami-Dade County, Florida. *BMC Public Health*, 18: 1085.
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20. Tutu RA, **Stoler J**. 2016. Urban but off the grid: the struggle for drinking water in two urban slums in Greater Accra, Ghana. *African Geographical Review*, 35(3): 212-226.
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11. **Stoler J**†. 2014. Sachet water quality in Ghana: the jury remains out. *Food Control*, 37: 417-418.
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Edited Volumes

2. **Stoler J**, Wutich A, Thomson P, Westerhoff P, Eds. 2023. *Modular, Adaptive, and Decentralized Water*. Special Issue of *Water Security* (15 articles, peer-reviewed).
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Non-Refereed

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10. Kanamori M, Craker L,* Rodriguez E,* Silvey R,* Self KJ,* Shrader C-H, Doblecki-Lewis S, **Stoler J**, Skvoretz J. 2025. HIV prevention: A focus on PrEP and social networks. In N Schneiderman, T Revenson, A Abraído-Lanza (Eds.), *APA handbook of health psychology: Vol 3. Health psychology and public health* (pp. 363–380). Washington, DC: American Psychological Association.
9. **Stoler J†**, Evans H, Casey A.* 2023. Population stabilization, human. In SM Scheiner (Ed.), *Encyclopedia of biodiversity, third edition*, 3: 512-525. Oxford: Elsevier.
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6. **Stoler J†**, Ewing C, Appiah Otoo R, Tran L, Adu NTB, Nyoagbe M, Nunoo DNO. 2015. Tapping customers: a spatially explicit, open-source platform for crowdsourcing water service data in Ghana. Proceedings of the 38th WEDC International Conference: Water, Sanitation and Hygiene Services Beyond 2015: Improving access and sustainability. Loughborough, UK, 27-31 July.
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4. Weeks JR, **Stoler J**, Hill AG, Zvoleff A. 2013. Fertility in context: exploring egocentric neighborhoods in Accra. In JR Weeks, AG Hill, **J Stoler** (Eds), *Spatial inequalities: health, poverty, and place in Accra, Ghana* (pp. 159-177). Dordrecht: Springer.

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1. **Stoler J**. 2011. A micro-history of geographic perspectives in public health research from the human-environment tradition. *Proceedings of URISA GIS in Public Health Conference*, 2011 June 27-30, Atlanta, GA. Chicago, IL: URISA Press.

Popular Media

12. **Stoler J**, 2022, June 29. Criminalizing abortion is about keeping people poor and ignorant [Opinion]. *Newsweek*, 1720091.
11. **Stoler J**, Valdés J. 2022, March 25. Art makes visible Miami's present—and future—with climate change [Op-Ed]. *Miami Herald*, p. 11A.
10. Uscinski JE, Kloststad C, **Stoler J**. 2020, August 3. Who supports QAnon? Here's what our poll finds. [Analysis, Monkey Cage]. *Washington Post*.
9. Kloststad C, Uscinski JE, **Stoler J**. 2020, July 12. Do Floridians want social distancing fines? Will they take a vaccine? [Opinion]. *Tampa Bay Times*, p. 3.
8. **Stoler J**, Kloststad C, Uscinski JE. 2020, July 8. Will Black Americans fear a vaccine more than COVID-19? [Opinion]. *Newsweek*.
7. Uscinski JE, **Stoler J**, Kloststad C. 2020, July 8. Bill Gates created COVID-19, and other conspiracy theories Floridians believe [Op-Ed]. *Miami Herald*, p. 11A.
6. **Stoler J**, Kloststad C, Uscinski JE. 2020, July 4. Floridians may take it slow as state reopens [Guest Commentary]. *Orlando Sentinel*.
5. Aklepi G, **Stoler J**. 2018, July 20. By investing in prevention, obesity does not have to be Miami's destiny [Op-Ed]. *Miami Herald*, p. 11A.
4. **Stoler J**. 2018, March 8. I'm lucky. My smartwatch helped save my life [Op-Ed]. *Miami Herald*, p. 15A.
3. **Stoler J**, Zakrisson T. 2017, June 6. Violence, poverty and politics inextricably linked [Op-Ed]. *Miami Herald*, p. 13A.
2. **Stoler J**. 2016, February 24. Zika is about more than a mosquito [Op-Ed]. *Miami Herald*, p. 17A.
1. **Stoler J**. 2008, June 5. A historic night, an American dream [Letter to the editor]. *The New York Times*, p. A28.

Extramural Funding

	Total to date (all roles): \$13M+
2024-2029	Co-I, <i>Social Genomic Mechanisms Linking Structural Racism, Perceived Discrimination, and Breast Cancer Survival</i> , 1R37CA288502-01 National Cancer Institute (NCI) Cancer Moonshot Scholars Diversity Program (PI: Neha Goel, UM). Budget: \$2,997,390, 9/1/2024 – 8/31/2029. Annual budgeted effort: 0.6 months in years 1-2, 1.6 months in years 3-5.
2024-2028	Senior Personnel, <i>Exploring Minorities: The Undiagnosed Diseases Network Clinical Site of Miami</i> . U01, NIH: National Human Genome Research Institute (NHGRI) (PI: Mustafa Tekin, Stephan Zuchner, UM). Budget: \$3,034,332, 4 yrs: 7/2024 – 06/2028. Annual budgeted effort: 0.24 months in years 1-2.
2022-2027	Co-PI, <i>LatiNET, a Multilevel Social Network Model to Examine and Address SARS-CoV-2 Misinformation in Low-Income Latinx Communities</i> . R01 MD018343-01, NIMHD (PI: Mariano Kanamori, UM). Budget: \$3,714,492, 5 yrs: 9/20/2022 – 5/31/2027. Annual budgeted effort: 1.2 months. Terminated by the US Government 4/3/2025.
2023-2025	Co-I, <i>CERCA DE TI: Leveraging an Established Academic and CVS Health® Partnership to Advance Biomedical HIV Prevention with a New Pharmacy-Based PrEP Program</i> , NIMH Supplement (PI: Mariano Kanamori, UM). Budget: \$446,995, 2 yrs: 08/01/2023 – 01/31/2025. Annual budgeted effort: 0.6 months.
2018-2024	Co-PI, <i>RCN: Building a Community of Practice for Household Water Insecurity (HWISE) Research</i> , NSF Geography and Spatial Sciences Program (PI: Wendy Jepson, Texas A&M), BCS-1759972. Total award budget: \$499,707, 5 yrs: 7/1/2018 – 6/30/2023 (UM subcontract \$65,000). Annual budgeted effort: 0.5 months.
2023-2024	Co-PI, <i>Resource Insecurity and Migration in the U.S. and Mexico: An Intersectional Approach to Climate Vulnerability and Resilience</i> . Puentes Consortium Research Seminar Grant (PI: Alison Lee, Universidad de las Américas Puebla). Budget: \$15,000, 1 yr: 3/1/2023 – 2/29/2024. No budgeted effort; committed annual effort 1.0 month.

- 2022-2023 Co-PI, *South Miami-Dade Health Equity Collaborative: A Community-Driven, Sustainable Medical-Legal Approach to Addressing Social Determinants of Health and Decreasing Health Disparities*, Florida Department of Health in Miami-Dade County (PI: Shirin Shafazand, UM). Budget: \$700,000, 1 yr: 7/1/2022 – 6/30/2023. Annual budgeted effort: 1.2 months.
- 2020-2023 Significant Contributor, *PrEPParados: A Multi-Level Social Network Model to Increase PrEP Enrollment by Latino MSM Self-Identified as Gay, Bisexual, or Straight in Miami*. R01 MH125727-01, NIMH (PI: Mariano Kanamori, UM). Budget: \$1,851,208, 3 yrs: 9/1/2020 – 8/31/2023. No budgeted effort; committed annual effort 0.6 months.
- 2022 Co-PI, *REACH-WISER (Water Insecurity Experiences and Resilience)*, Foreign, Commonwealth & Development Office (UK), sub-contract from Oxford University for research design activities (PI: Katrina Charles, Oxford), \$18,791, 1/1/2022 – 6/30/2022. Annual budgeted effort: 1.0 month.
- 2020-2022 Sponsor, *Latinx MSM PrEP Disparities Due to Immigration Stress and Drug Use Networks*, F31 MD015988-01, NIMH F31 Predoctoral Fellowship Award to Cho-Hee Shrader (PI: Mariano Kanamori, UM). Budget: \$90,140, 3 yrs: 9/26/2020 – 8/31/2022. No budgeted effort; committed annual effort 0.6 months.
- 2020-2021 Significant Contributor, *FINISHING HIV: An HIV Protection, Diagnosis and Treatment Network for Latinos*, P30MH116867-01, NIMH supplement renewal (PI: Mariano Kanamori, UM). Budget \$100,000, 1 yr: 7/8/2020 – 7/7/2021. No budgeted effort; committed annual effort 0.6 months.
- 2019-2020 Co-I, *FINISHING HIV: An HIV Protection, Diagnosis and Treatment Network for Latinos*, P30MH116867-01, NIMH supplement (PI: Mariano Kanamori, UM). Budget \$100,000, 1 yr: 7/8/2019 – 7/7/2020. No budgeted effort; committed annual effort 0.6 months.
- 2018-2019 Co-I, *Understanding Hurricane Response Resilience Across Mental and Physical Health: Consideration of Individual-level and Community-level Factors*, HuRRI Seed Grant, Hurricane Resilience Research Institute (Co-PIs: Kiara Timpano, UM, and Mike Zvolensky, U of Houston). Budget: \$75,000, 1 yr: Oct 2018 – Sep 2019. No budgeted effort; committed annual effort 1.0 month.

Intramural Funding

- Total to date (all roles): \$483,293**
- 2025 PI, *Household Water Insecurity Experiences in High-Income Countries (HWISE-HIC): The Case of Red Hill, O'ahu*. UM-PRA-2025-5776, 2025 Provost's Research Award, University of Miami. Budget: \$20,000, 1 yr: 6/1/2025 – 5/31/2026.
- 2024 Co-PI, *Do Water Security Projects Provide Greater Benefits When They Are Participatory? Evidence from a Randomized Controlled Trial in Kenya*. UM-PRA-4544, 2024 Provost's Research Award, University of Miami (with Michael Touchton, POL). Budget: \$20,500, 1 yr: 6/1/2024 – 5/31/2025.
- 2023 Co-PI, *Anti-Establishment Orientations in Contemporary American Politics*. Office of the Vice Provost for Research and Scholarship, University of Miami (PI: Joseph Uscinski). Budget: \$10,000, 1 yr: 08/01/2023 – 07/31/2024.
- 2020 Co-PI, *The Causes and Consequences of COVID-19 Misinformation*. Co-funded by the UM College of Arts & Sciences (\$10K) and UM COVID-19 Rapid Response Grant (\$10K) number UM 2020-2241 (PI: Joseph Uscinski). Budget: \$20,000, May – Aug 2020.
- 2019 PI, *Connecting the dots between climate change, water insecurity, and migration: How do water insecurity experiences shape migration propensity in Puebla, Mexico?* Universidad de las Américas Puebla and University of Miami Collaborative Program (PI: Justin Stoler and Alison Lee). Budget: \$10,000, 1 year: Dec 2019 – Dec 2020.
- 2019 PI, *It Takes PRACTICE: Peer Research Advancement and Commitment To Interdisciplinary Career Enrichment*, SEEDS 'You Choose' Leadership Award, University of Miami. Budget: \$2,400, 1 yr.
- 2019 PI, *A Prospective Comparison of Household Water InSecurity Experiences (HWISE) in Ghana and Colombia*, 2020 Provost's Research Award, University of Miami. Budget: \$16,725, 1 yr: 6/1/2019 – 5/31/2020.
- 2018 PI, *Household Water Insecurity Monitoring and Evaluation: A Natural Experiment in Ghana*, 2019 Provost's Research Award, University of Miami. Budget: \$6,500, 1 yr: 6/1/2018 – 5/31/2019.
- 2017 PI, *Peer Mentoring for Pre-Tenure Faculty*, SEEDS 'You Choose' Leadership Award, University of Miami. Budget: \$1,000, 1 yr.
- 2017 Co-PI, *The Impact of Hurricane Irma on Mental and Physical Health: Consideration of Evacuation Behaviors and Geo-Demographic Factors*, UM College of Arts & Sciences Hurricane Irma Rapid Response Grant (PI: Kiara Timpano). Budget: \$19,500, 1 yr.
- 2017 PI, *Does Hurricane Complacency Shift After Two Near-Misses? A Qualitative Analysis of Hazard Vulnerability among South Florida Mobile Home Residents*, UM College of Arts & Sciences Hurricane Irma Rapid Response Grant. Budget: \$2,600.

- 2017 Co-PI, *Toward a Florida Cancer Portal: Putting Local Cancer Data and Community Interventions on the Map in South Florida*, Sylvester Comprehensive Cancer Center, Miller School of Medicine. Team: Clay Ewing, Justin Stoler. Phase IV: Jan 1 – Dec 31, 2017. Budget: \$109,500.
- 2017 PI, *A New Paradigm for Household Water Insecurity Measurement and Evaluation: The Ghana Case*, 2018 Provost's Research Award, University of Miami. Budget: \$17,000, 1 yr: 6/1/2017 – 5/31/2018.
- 2016 PI, *Toward a Geographic Clearinghouse of Intimate Partner Violence Services and Community Determinants in Miami-Dade County*, U-MIA Interdisciplinary Working Group seed grant (Co-Is: Jessica Williams, Donna Coker, and Nick Petersen). Budget: \$7,500, 1 yr.
- 2016 Co-PI, *Toward a Florida Cancer Portal: Putting Local Cancer Data and Community Interventions on the Map in South Florida*, Sylvester Comprehensive Cancer Center, Miller School of Medicine. Team: Clay Ewing, Justin Stoler. Phase III: Jun 1 – Dec 31. Budget: \$75,000.
- 2016 PI, *Etiology and Improved Differential Diagnosis of Acute Undifferentiated Febrile Illness in Ghana*, 2017 Provost's Research Award, University of Miami. Budget: \$16,935, 1 yr: 6/1/2016 – 5/31/2017.
- 2015 PI, *A Speaker Series in Social Science and Medicine*, SEEDS 'You Choose' Leadership Award, University of Miami. Budget: \$2,500, 1 yr.
- 2015 Co-PI, *Toward a Florida Cancer Portal: Putting Local Cancer Data and Community Interventions on the Map in South Florida*, Sylvester Comprehensive Cancer Center, Miller School of Medicine. Team: Clay Ewing, Justin Stoler. Phase II: Sep 1 – May 31. Budget: \$14,500.
- 2015 Co-PI, *Toward a Florida Cancer Portal: Putting Local Cancer Data and Community Interventions on the Map in South Florida*, Sylvester Comprehensive Cancer Center, Miller School of Medicine. Team: Clay Ewing, Justin Stoler. Phase I: May 1 – Aug 31. Budget: \$58,133.
- 2015 Co-PI, *Diagnosing dengue: The utility of oral fluid specimens*, Division of Health Services Research & Policy, Miller School of Medicine. Team: Justin Stoler, Aileen Chang, Olveen Carrasquillo, Deborah Roque. Budget: \$7,000 (plus a \$5,000 supplement for doctoral student Deborah Roque from the Graduate School).
- 2014 Co-PI, *Socio-Medical Vulnerability of Older Adults in South Florida*, Health Professions Division Educational Research Grant at Nova Southeastern University, \$5,000.
- 2014 PI, *When "Malaria" is not Malaria: The Emergence of Dengue Fever in Ghana*, 2015 Provost's Research Award, University of Miami. Budget: \$17,000, 1 yr: 6/1/2014 – 5/31/2015.
- 2013 Co-PI, *Safe Water for Africa: Improving Water Equality through SMS and Crowdsourcing*, The Knight Center for International Media, School of Communication (with Clay Ewing, Department of Cinema & Interactive Media), University of Miami, \$5,000.
- 2013 PI, *"Urban" but Off the Grid: Water Insecurity in Accra's Peri-Urban Fringe*, 2014 Provost's Research Award, University of Miami. Budget: \$17,000, 1 yr: 6/1/2013 – 5/31/2014.
- 2012 PI, *Unlocking Doors to Data Visualization and the Geoweb*, SEEDS 'You Choose' Leadership Award, University of Miami. Budget: \$2,000, 1 yr.

Invited Talks

- 2024 Seminar Series Speaker, Water Resources Research Center, University of Hawai'i, Mānoa, HI: *The development of a validated scale of household water insecurity in high-income countries: HWISE-HIC*.
- 2023 Discussant, Conspiracy Conference, The George P. Hanley Democracy Center, University of Miami, Coral Gables, FL: *COVID-19 and conspiracy theories*.
- 2023 Colloquium Speaker, Department of Geography, Texas A&M University, College Station, TX: *There and back again: Tales from the SHIRE (social & health inequities research & education) lab*.
- 2022 Speaker [Virtual]: Climate and Health Speaker Series, Florida Atlantic University, Boca Raton, FL: *The role of social and environmental determinants of health in promoting the human right to healthcare*.
- 2021 Panelist [Webinar], University Consortium for Geographic Information Science (UCGIS): *Do names matter? Branding, marketing, and communicating about geography, spatial sciences, and GIS*.
- 2021 Panelist [Webinar]: Sub-Tropical and Tropical Coastal Resilience: Social, Economic, and Physical Adaptations in South Florida and the Caribbean, School of Architecture and University of Miami Institute for Advanced Study of the Americas, Coral Gables, FL: *Social resilience: climate migration*.
- 2021 Panelist [Webinar]: Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN): *HWISE NOW! Governance challenges of off-network water provision*.

- 2021 Panelist [Webinar]: Office of Sustainability, University of Miami, Coral Gables, FL: *How did I 'green' my syllabus?*
- 2021 Colloquium Speaker [Virtual], Department of Geography and the Environment, University of Denver, Denver, CO: *What's in a name? Leveraging undergraduate student perceptions of geography, environment, and sustainability for recruitment and retention.*
- 2020 Lead Panelist [Webinar], American Association of Geographers Careers and Professional Development Webinar Series: *What's in a name? Undergraduate student perceptions of geography, environment, and sustainability key words and program names.*
- 2020 Department of Geography, University of Vermont, Burlington, VT [Virtual]: *What's in a name? Leveraging undergraduate student perceptions of geography, environment, and sustainability for recruitment and retention.*
- 2019 Colloquium Speaker, Department of Geography, San Diego State University, San Diego, CA: *A household-level view of water scarcity: Highlights and opportunities from the Household Water Insecurity Experiences (HWISE) Network.*
- 2019 Colloquium Speaker, Department of Anthropology and Geography, Coastal Carolina University, Conway, SC: *A household-level view of water scarcity: Highlights and opportunities from the Household Water Insecurity Experiences (HWISE) Network.*
- 2018, 2019 Center for Latino Health Research Opportunities (CLaRO), University of Miami, Coral Gables, FL: *Introduction to geospatial analysis for public health research.*
- 2018 Pediatric Preventable Blindness, The Suriname Project Symposium, Bascom Palmer Eye Institute, University of Miami Health System, Miami, FL: *Introduction to geospatial analysis for public health research.*
- 2016 Center of Excellence for Health Disparities Research: El Centro, University of Miami, Coral Gables, FL: *Introduction to geospatial analysis for public health research.*
- 2015 Instituto Nacional de Diabetes y Nutrición (INDEN), Santo Domingo, Dominican Republic: *Socio-environmental determinants of dengue fever in the Americas and Africa.*
- 2015 Colloquium Speaker, Department of Health Sciences, Florida Gulf Coast University, Fort Myers, FL: *Urban health disparities in the developing world: A geographic perspective.*
- 2014 Panelist: World Health Day Symposium: Small Bite, Big Threat, University of Miami, Coral Gables, FL: *From Florida to West Africa: Two case studies in the (re)emergence of dengue fever.*
- 2014 Colloquium Speaker, Department of Geography and Environmental Studies, University of New Mexico, Albuquerque, NM: *Urban health disparities in the developing world: A geographic perspective.*
- 2014 3rd Annual Tropical Biology Symposium, Kushlan Tropical Science Institute, Fairchild Tropical Botanic Garden, Coral Gables, FL: *From Florida to West Africa: Two case studies in the (re)emergence of dengue fever.*
- 2013 Faculty Learning Community, University of Miami, Coral Gables, FL: *Unlocking doors to data visualization and the geoweb.*
- 2013 United Against Infectious Diseases (UAID), University of Miami, Coral Gables, FL: *Infectious diseases and developing cities: A geographic perspective.*
- 2012 Colloquium Speaker, Department of Geography and Regional Studies, University of Miami, Coral Gables, FL: *Urban health disparities in the developing world: A geographic perspective.*
- 2012 Panelist: Philanthropy Week, University of Miami School of Law, Coral Gables, FL: *Water & poverty: The importance of clean water in developing nations.*
- 2012 Colloquium Speaker, Department of Geography, San Diego State University, San Diego, CA: *Spatial patterns of water insecurity in a developing city: Lessons from Accra, Ghana.*
- 2011 World Water Day Symposium: Urban Water Issues from Global to Local, The George Washington University, DC: *Urban drinking water privatization in Western Africa: A fourth world contradiction.*
- 2009 University of the West Indies, Mona, Jamaica: *Dengue fever surveillance and control in Jamaica.*

Funded Workshops

- May 2025 Co-organizer: *Methods for Disentangling Climate Vulnerability, Household Resource Insecurity, and Human Mobility in the US and Mexico*, Universidad de las Américas Puebla, Puebla, Mexico.
- Oct 2024 Attendee: *Frontiers in Household Water Insecurity in Higher-Income Countries*, Water Insecurity Experiences Community of Practice (WISE-CP) Workshop, Austin, TX.
- May 2024 Organizer: *A National Portrait of Household Water Insecurity in the US*, NSF-funded Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN) Workshop, University of Miami, Coral Gables, FL.

- Nov 2023 Attendee: *Frontiers in Household Water Insecurity in Higher-Income Countries*, NSF-funded Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN) Workshop, Texas A&M University, College Station, TX.
- Jan 2023 Organizer: *Causes, Consequences, and Measurement of Unpredictable Water Supplies: An Underlying Driver of Water Insecurity*, NSF-funded Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN) Workshop, University of Miami, Coral Gables, FL.
- May 2022 Attendee: *Household Water Insecurity Experiences Symposium*, NSF-funded Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN) Workshop, Texas A&M University Bush School of Government and Public Service, Washington, DC.
- Mar 2022 Attendee: *Modular, Adaptive, and Decentralized Water*, Texas A&M University, Texas A&M AgriLife Research and Extension Center, Dallas, TX.
- Mar 2020 Organizer: *Connecting the Dots between Climate Change, Water Insecurity, and Migration*, NSF-funded Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN) Workshop, University of Miami, Coral Gables, FL.
- Sep 2018 Attendee: *Household Water Insecurity Indicators*, Royal Geographic Society, London, UK.
- Feb 2018 Attendee: *Household Water Sharing Workshop*, Arizona State University, Tempe, AZ.
- Aug 2017 Attendee: *Household Water Insecurity Experiences (HWISE)*, Northwestern University, Evanston, IL.
- Sep 2016 Attendee: *Reimagining Household Water Security Research*, Water Security Initiative, College of Geosciences, Texas A&M University, College Station, TX.
- Jun 2016 Attendee: *Achieving Universal Access to Urban Sanitation Services*, The Bill & Melinda Gates Foundation (with Emory University and the University of Leeds), Atlanta, GA.

Conferences *(as presenter)*

- Apr 2025 Annual Meeting of the American Association of Geographers (AAG), Detroit, MI: *Development and validation of a water provider trust scale for the United States*.
- Oct 2024 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC: *The development of a validated scale of household water insecurity in high-income countries: HWISE-HIC*.
- Oct 2024 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC (side session): *When is your water on? Harmonizing measurements of intermittency and predictability in piped water supplies for research and policy*.
- Apr 2024 Annual Meeting of the American Association of Geographers (AAG), Honolulu, HI: *Intermittent and unpredictable water supplies in the 21st century: A new normal?*
- Mar 2024 [Virtual] Colorado WASH Symposium, Boulder, CO: *Intermittent and unpredictable water supplies in the 21st century: A new normal?*
- Mar 2023 [Virtual] Annual Meeting of the American Association of Geographers (AAG), Denver, CO: *Should I stay or should I go? Household water insecurity is associated with higher residential mobility ideation*.
- Feb 2022 [Virtual] Annual Meeting of the American Association of Geographers (AAG), New York, NY: *Reconceptualizing a successful WASH intervention: toward holistic measurement and evaluation*.
- Apr 2021 [Virtual] Annual Meeting of the American Association of Geographers (AAG), Seattle, WA: *Connecting the dots between climate change, household water insecurity, and migration*.
- Mar 2021 [Virtual] Colorado Water, Sanitation, and Hygiene (WASH) Symposium, University of Colorado, Boulder, CO: *Panel: WASH and the military-industrial complex*.
- Apr 2020 [Virtual] Annual Meeting of the American Association of Geographers (AAG), Denver, CO: *What's in a name? Undergraduate student perceptions of geography, environment, and sustainability key words and program names* (Sponsored by the Geography Education Specialty Group).
- Apr 2020 [Virtual] Annual Meeting of the American Association of Geographers (AAG), Denver, CO: *Cash water expenditures are associated with household water insecurity, food insecurity, and perceived stress in study sites across 20 low- and middle-income countries*.
- Sep 2019 Water Security: New Technologies, Strategies, Policies, and Institutions, American Water Resources Association and Chinese Academy of Sciences, Beijing, China: *Panel: Household water insecurity and SDG 6: advancing the global agenda from the ground up*.
- Apr 2019 Annual Meeting of the American Association of Geographers (AAG), Washington, DC: *University student perceptions of geography key words and departmental names*.
- Oct 2018 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC: *A new approach to measuring Household Water Insecurity Experiences (HWISE): Highlights and opportunities from the HWISE Network*.

- Apr 2018 Annual Meeting of the American Association of Geographers (AAG), New Orleans, LA: *Characterizing the spatial mismatch between intimate partner violence screening practices and arrests in Miami-Dade County, Florida.*
- Apr 2017 Annual Meeting of the American Association of Geographers (AAG), Boston, MA: *Is drinking water access "in the bag"? The diffusion of sachet water in Ghana, 2010-2014.*
- Jun 2016 GIS and Health Symposium, Urban and Regional Information Systems Association (URISA), Washington, DC: *A GIS approach to identifying socially and medically vulnerable older adult populations in South Florida.*
- Mar 2016 Annual Meeting of the American Association of Geographers (AAG), San Francisco, CA: *The demise of piped water? A spatial analysis of primary drinking water sources in Ghana.*
- Nov 2015 Annual Meeting of the American Public Health Association (APHA), Chicago, IL: *Malaria misdiagnosis and the re-emergence of viral fevers: The case for improved surveillance and diagnostics of acute undifferentiated febrile illness in West Africa.*
- Oct 2015 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC: *A multi-scalar geographic analysis of primary drinking water sources in Ghana.*
- Jul 2015 38th Annual Water, Engineering and Development Centre (WEDC) International Conference, Loughborough University, UK: *Tapping customers: A spatially-explicit, open-source platform for crowdsourcing municipal water service quality data in a developing city.*
- Apr 2015 Annual Meeting of the Association of American Geographers (AAG), Chicago, IL: *Piped water flows but sachet consumption grows: The paradoxical drinking water landscape of an urban slum in Ashaiman, Ghana.*
- Nov 2014 Annual Meeting of the American Public Health Association (APHA), New Orleans, LA: *Sachet water quality and brand reputation in two urban slums in Greater Accra.*
- Nov 2014 Annual Scientific Meeting of the Gerontological Society of America (GSA), Washington, DC: *A spatial analysis of socially and medically vulnerable older adults in South Florida.*
- Oct 2014 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC: *Presence of Pseudomonas aeruginosa in coliform-free sachet drinking water in Ghana.*
- Apr 2014 Annual Meeting of the Association of American Geographers (AAG), Tampa, FL: *Sachet water quality and brand reputation in two urban slums in Greater Accra.*
- Jun 2013 GIS in Public Health Conference, Urban and Regional Information Systems Association (URISA), Miami, FL: *Drinking water in transition: Sachet water consumption and Accra's urban poor.*
- Apr 2013 Annual Meeting of the Association of American Geographers (AAG), Los Angeles, CA: *A mixed methods approach to interpreting neighborhood health effects in Accra, Ghana.*
- Oct 2012 Annual Meeting of the American Public Health Association (APHA), San Francisco, CA: *Sachet drinking water in Ghana's Accra-Tema Metropolitan Area: Past, present, and future.*
- Feb 2012 Annual Meeting of the Association of American Geographers (AAG), New York, NY: *Sachet drinking water in Ghana's Accra-Tema Metropolitan Area: Past, present, and future.*
- Jan 2012 Understanding the Social, Economic, and Spatial Dynamics of Health and Well-Being in Accra, Institute of Statistical Social and Economic Research (ISSER), University of Ghana-Legon, Accra, Ghana: *Urban drinking water privatization in Accra: The contradictions of sachet water.*
- Oct 2011 Annual Meeting of the American Public Health Association (APHA), Washington, DC: *When urban taps run dry: Sachet drinking water patterns and health effects in low-income neighborhoods of Accra, Ghana.*
- Oct 2011 Water and Health: Where Science Meets Policy, University of North Carolina at Chapel Hill, NC: *Urban drinking water privatization in Western Africa: Lessons from Accra, Ghana.*
- Jun 2011 GIS in Public Health Conference, Urban and Regional Information Systems Association (URISA), Atlanta, GA: *Spatial patterns of water insecurity: Highlights from Accra, Ghana.*
- Apr 2011 Annual Meeting of the Association of American Geographers (AAG), Seattle, WA: *Spatial patterns of water insecurity: Highlights from Accra, Ghana.*
- Mar 2011 SDSU Student Research Symposium, San Diego, CA: *When urban taps run dry: Drinking water patterns in low-income neighborhoods of Accra, Ghana.*
- Nov 2010 Annual Meeting of the American Public Health Association (APHA), Denver, CO: *Correlates of high fecal coliforms in stored water among low-income households in Accra, Ghana.*
- Mar 2009 Annual Meeting of the Association of American Geographers (AAG), Las Vegas, NV: *Demographic, environmental and spatial analysis of urban malaria in Accra, Ghana.*
- Feb 2009 SDSU Student Research Symposium, San Diego, CA: *Epidemiology, surveillance, and control of dengue fever in Jamaica.*
- Mar 2008 SDSU Student Research Symposium, San Diego, CA: *A spatial analysis of self-reported malaria prevalence in Accra, Ghana: The role of urban agriculture.*

Apr 2007 Annual Meeting of the Association of American Geographers (AAG), San Francisco, CA: *A spatial analysis of self-reported malaria prevalence in Accra, Ghana: The role of urban agriculture.*

Teaching

2012-present

University of Miami (* denotes new course; sections in parentheses)

*GEG 101 Digital Earth (1)

GEG 105 World Regional Geography (Honors) (1)

GEG 110 Human Geography (2)

*GEG 235 Wine, Environment, & Society (4)

*GEG 241 Health & Medical Geography (10)

*GEG 312/691, ECS 372/572 GIS for Health and Environment (3)

GEG 341, SOC 345, ECS 372 Population, Health, and Environment (4)

*GEG 343/643, ECS 372 Population, Sustainability, and the Media (2)

*GEG 345, ECS 372, INS 310 Global Water Security & Sustainability (9)

*GEG 348/648, ECS 372 Climate Change & Public Health (11, including 5 online sections)

*GEG 375/675 Waste Sustainability (1)

*GEG 545, ECS 572 Capstone Research Seminar (1)

2010-2011

University of California, Santa Barbara

On-site consultant to NIH-funded Advanced Spatial Analysis Workshops in *Spatial Pattern Analysis* (2010), and *Multilevel Modeling* (2011), sponsored by UCSB's Center for Spatially Integrated Social Science (CSISS) and Penn State's Population Research Institute (PI: S. Matthews).

2006-2010

San Diego State University

GEOG 573 Population and the Environment

EPI 783 Infectious Disease Epidemiology in a Resource Constrained Setting (taught in Jamaica)

GEOG 385 Spatial Data Analysis (*as Teaching Assistant*)

Guest Class Lectures

GES 303 World Population Problems, UNC Greensboro (2023–2025).

LAW 255 Hospitals, Health Care Services, and Access: Interdisciplinary Course, University of Miami (2017–2020, 2022–2025)

GPH 591 Climate Change and Health, Arizona State University (2021–2024).

GEG 105 World Regional Geography, University of Miami (2019, 2023, 2024).

IGS 645 Human Security: Prevention & Mitigation, University of Miami (2023).

GEG 110 Introduction to Human Geography, University of Miami (2016, 2018, 2022, 2023).

GEG 623 Seminar in Urban Management, University of Miami (2022).

GEG 306 Geographic Research Methods, University of Miami (2021).

Prácticas en la Profesión I, Universidad de la Américas Puebla, Mexico (2020).

POL 525 Comparative Public Policy and Administration, University of Miami (2020).

GEG 336 Hazards & Disasters: The Nature-Society Interface, University of Miami (2018).

GEG 101 Digital Earth, University of Miami (2017, 2018).

GEG 331 Sustainable Development, University of Miami (2016, 2017).

GEG 346 Immigrant and Refugee Health, University of Miami (2016).

REL 161 Religion and Medicine, University of Miami (2016).

BPH 206 Introduction to Public Health, University of Miami (2015, 2016).

FSS 199 Books that Matter, University of Miami (2014, 2015).

GEG 402 Place, Region, Nature, University of Miami (2014, 2015).

EPH 500 Introduction to Public Health, Miller School of Medicine, University of Miami (2014).

URB 301 Cities in Time and Space, University of Miami (2014).

ECS 113 Introduction to Environmental Policy, University of Miami (2014).

EPH 540 Urban Health, Miller School of Medicine, University of Miami (2013).

EPH 512 Global Public Health Issues and Policies in the 21st Century, Miller School of Medicine, University of Miami (2012).

PH 784 Global Environmental Health, School of Public Health, San Diego State University (2012).

GEOG 574 Water Resources, Department of Geography, San Diego State University (2010, 2011).

PH 621 Infectious Disease Epidemiology, School of Public Health, San Diego State University (2008, 2009).

GEOG 385 Spatial Data Analysis, Department of Geography, San Diego State University (2007).

Awards

2025	James W. McLamore Research Award, University of Miami.	\$20,000
2024	PETAL Faculty Learning Community Fellow, University of Miami.	\$4,000
2024	James W. McLamore Research Award (joint awardee), University of Miami.	\$20,500
2019	SEEDS 'You Choose' Leadership Award, University of Miami.	\$2,400
2019	James W. McLamore Research Award, University of Miami.	\$16,725
2018	James W. McLamore Research Award, University of Miami.	\$6,500
2017	SEEDS 'You Choose' Leadership Award, University of Miami.	\$1,000
2017	Faculty Learning Community Fellow, University of Miami.	n/a
2017	James W. McLamore Research Award, University of Miami.	\$17,000
2016	Footo Fellow Seminar Development Award, University of Miami.	\$2,500
2016	James W. McLamore Research Award, University of Miami.	\$16,935
2016	MSSH Working Group support, College of Arts & Sciences, University of Miami.	\$300
2015	SEEDS 'You Choose' Leadership Award, University of Miami.	\$2,500
2015	Summer Writing Institute Fellow, University of Miami.	\$1,500
2014	James W. McLamore Research Award, University of Miami.	\$17,000
2013	Publication fee assistance grant, College of Arts & Sciences, University of Miami.	\$675
2013	School of Communication Knight Center Grant, University of Miami (co-investigator).	\$5,000
2013	James W. McLamore Research Award, University of Miami.	\$17,000
2012	SEEDS 'You Choose' Leadership Award, University of Miami.	\$2,000
2012	Aztec of the Year, SDSU College of Arts and Letters.	n/a
2012	Graduate Student Travel Scholarship, SDSU Division of Research Affairs.	\$384
2011	Graduate Student Travel Scholarship, SDSU Division of Research Affairs.	\$300
2010	Inamori Fellowship, Inamori Foundation and SDSU Division of Research Affairs.	\$5,000
2010	Graduate Student Travel Scholarship, SDSU Division of Research Affairs.	\$750
2009	Scholars Without Borders Study Abroad Scholarship, SDSU Chapter.	\$500
2009	Dean's Award for Research and Scholarship, SDSU Student Research Symposium.	\$250
2009	Pre-doctoral Student Travel Grant, UCSB Graduate Students Association.	\$75
2008	Delta Omega, Honorary Society in Public Health, Sigma Chapter, SDSU.	n/a
2008	President's Award for Research and Scholarship, SDSU Student Research Symposium.	\$500
2007	Graduate International Scholarship, SDSU Office of International Programs.	\$500
2007	International Travel Grant, SDSU College of Health and Human Services.	\$500
2007	Caldwell, Flores, Winters Award in GIS Emphasizing Human Geography.	\$500
2006	McFarland Geography Scholarship, SDSU Department of Geography.	\$5,600

Departmental Service

(primary activities)

2019-present	Director of Strategic Initiatives, Geography, UM.
2012-2018, 2024-present	College Council Representative (Vice-Chair 2015-2016, Spring 2025), Geography, UM.
2012-2017	GIS Committee and GIS Day Organizing Committee, Geography, UM.
2015-2017	Director of Undergraduate Studies, Geography, UM.
2015-2017	Director of Social Media, Geography, UM.
2013-2016	Alumni relations liaison to the Office of Development, UM.
2014-2015	Director of Curricula Revision; primary architect of a B.S. in Geography and a Minor in Geospatial Technology effective AY 2016-2017, Geography, UM.
2013-2014	Search Committee, Tenure-Track Assistant Professor, Geography, UM.
2013	Search Committee, Visiting Assistant Professor, Geography, UM.
2012	Organizer and Panelist, <i>Crash Course: Applying to Graduate School</i> , for UM undergraduates in Geography and Regional Studies, and Ecosystem Science and Policy.

College Service

(primary activities)

2019-present	Steering Committee, Program in Global Health Studies, College of Arts & Sciences, UM.
2016-2020	Director, Minor in Social Science & Medicine, College of Arts & Sciences, UM.
2016	Director, Social Science & Medicine Speaker Series (funded and produced three colloquia in medical anthropology, geography, and sociology), College of Arts & Sciences, UM.
2015-2016	Committee Chair, Proposal for a Minor in Social Science & Medicine, College of Arts & Sciences, UM.
2013-2014	Committee Member, Proposal for a Convergence Research Initiative, College of Arts & Sciences, UM.
2013-2014	Committee Member, Proposal for a M.A. in Global Health and Society, College of Arts & Sciences, UM.
2013	Committee Member, Proposal for an Independent Studies Major, College of Arts & Sciences, UM.

University Service

- (primary activities)
- 2024-present Steering Committee Member, Climate Resilience Institute, UM.
- 2019-2025 Committee Member, Faculty Senate Equity and Inclusion Committee, UM.
- 2015-2022 Faculty Advisor, Engineers Without Borders, UM.
- 2015-2022 Faculty Advisory Committee, Leonard and Jayne Abess Center for Ecosystem Science and Policy, UM.
- 2019-2021 Faculty Advisor: DOCS physician trainee community service organization, Miller School of Medicine.
- 2018-2020 Faculty Advisor, Canes for Social Change, UM.
- 2019 Faculty Lead: University of Miami Initiative for Migration, Global Change, and Policy, UM.
- 2016-2019 Senior Residential Faculty, Mahoney Residential College, UM.
- 2014-2017 Committee Member, Graduate Admissions, Leonard and Jayne Abess Center for Ecosystem Science and Policy, UM.
- 2015-2016 Associate Residential Faculty, Mahoney Residential College, UM.
- 2014-2015 Associate Residential Faculty, Hecht Residential College, UM.
- 2012-2013 Speaker, Faculty & Staff Development Seminar (delivered twice): *Unlocking the Geoweb: Incorporating Space and Place into Your Research*, UM.

Academic Service

- 2024-present Chair, Water Insecurity Experiences Community of Practice (WISE-CP), American Association of Geographers.
- 2022-present Editorial Board, *Water International* (official journal of the International Water Resources Association).
- 2025 Organizer, plenary session at 2025 Annual Meeting of the American Association of Geographers, Detroit, MI: *Water Insecurity Experiences: Research Reflections and Future Opportunities* (Sponsored by the Water Insecurity Experiences Community of Practice).
- 2025 Participant, Chairs Meeting at the Annual Meeting of the American Association of Geographers, Detroit, MI: *Envisioning AAG Roles in Improving Undergraduate Recruitment*.
- 2018-2024 Executive Committee, Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN).
- 2024 Organizer, symposium of five paper sessions (24 papers) at 2024 Annual Meeting of the American Association of Geographers, Honolulu, HI: *Household Water Insecurity Experiences Research Intersections 1-5* (Sponsored by the Water Resources Specialty Group).
- 2024 Chair, panel session at 2024 Annual Meeting of the American Association of Geographers, Honolulu, HI: *Building a Research Coordination Network*.
- 2023 Delegate, 2023 UN Water Conference, United Nations, New York, NY.
- 2023 Discussant, 2023 Conspiracy Conference, University of Miami, Coral Gables, FL.
- 2023 Organizer, symposium of four paper sessions (17 papers) at 2023 Annual Meeting of the American Association of Geographers, Denver, CO: *Household Water Insecurity Experiences Research Intersections 1-4* (Sponsored by the Water Resources Specialty Group).
- 2022 Organizer, symposium of four paper sessions at 2022 Annual Meeting of the American Association of Geographers, New York, NY: *Household Water Insecurity Experiences Research Intersections 1-4* (Sponsored by the Water Resources Specialty Group).
- 2022 Organizer, paper session at 2022 Annual Meeting of the American Association of Geographers, New York, NY: *Geospatial Health Symposium #6: Spatial Epidemiology of Non-Communicable Diseases* (Sponsored by the Health and Medical Geography Specialty Group).
- 2022 Host [Webinar]: Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN): *HWISE NOW! Water insecurity and child health*.
- 2022 Host [Webinar]: Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN): *HWISE NOW! Navigating choppy waters: Publisher metrics, open access, and team science*.
- 2022 Host [Webinar]: Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN): *HWISE NOW! Water insecurity and information and communication technology (ICT)*.
- 2021 Host [Webinar]: Household Water Insecurity Experiences Research Coordination Network (HWISE-RCN): *HWISE NOW! Water insecurity and disaster recovery*.
- 2020 Committee Member, American Association of Geographers COVID-19 Rapid Response Department Subcommittee. Developed proposals for AAG organizational response to the pandemic.
- 2020 Chair, paper session at 2020 Annual Meeting of the American Association of Geographers, Denver, CO: *Household Water Insecurity Experiences: Intersections II* (Sponsored by the Water Resources Specialty Group).
- 2020 Organizer, Chair, Panelist, panel session at 2020 Annual Meeting of the American Association of Geographers, Denver, CO: *What's in a Name? Undergraduate Student Perceptions of Geography*,

Environment, and Sustainability Key Words and Program Names (Sponsored by the Geography Education Specialty Group).

- 2020 Organizer, panel session at 2020 Annual Meeting of the American Association of Geographers, Denver, CO: *Meet the Authors: Water Politics: Governance, Justice, and the Right to Water* (Sponsored by the Water Resources and Political Geography Specialty Groups).
- 2019 Chair, paper session at 2019 Annual Meeting of the American Association of Geographers, Washington, DC: *Progress in Household Water Insecurity Experiences I: HWISE Scale and Data* (Sponsored by the Water Resources Specialty Group).
- 2019 Panelist, 2019 Annual Meeting of the American Association of Geographers, Washington, DC: *Interdisciplinary Mentorship in Communities of Practice: Experiences, Best Practices, and Challenges*.
- 2019 Organizer, Chair, Panelist, panel session at 2019 Annual Meeting of the American Association of Geographers, Washington, DC: *What's in a Name? Rethinking the Branding of Geography for Undergraduates* (Sponsored by the Geography Education Specialty Group).
- 2019 Chair, paper session at 2019 Annual Meeting of the American Association of Geographers, Washington, DC: *Environmental Science Studies and Understanding among University Students* (Sponsored by the Geography Education Specialty Group).
- 2018 Discussant, paper sessions at 2018 Annual Meeting of the American Association of Geographers, New Orleans, LA: *Water and Cities in Africa I: Debates and Struggles*, and *Water and Cities in Africa II: Futures* (Sponsored by the Africa Specialty Group).
- 2018 Chair, paper session at 2018 Annual Meeting of the American Association of Geographers, New Orleans, LA: *Social Disparities, Environment, and Health* (Sponsored by the Health & Medical Geography Specialty Group).
- 2017 Organizer, symposium of three paper sessions (15 abstracts) at 2017 Annual Meeting of the American Association of Geographers, Boston, MA: *Health, Poverty, and Place in Ghana I-III* (Sponsored by the Africa, Health & Medical Geography, and Population Specialty Groups).
- 2016 Organizer, paper session at 2016 Annual Meeting of the American Association of Geographers, San Francisco, CA: *Global Migration at Multiple Scales* (Sponsored by the Africa Specialty Group).
- 2016 Panelist, 2016 Annual Meeting of the American Association of Geographers, San Francisco, CA: *Advising the Next Generation of Geography Undergraduates* (Sponsored by the Geography Education Specialty Group and Community College Affinity Group; AAG Jobs and Careers Theme).
- 2016 Panelist, 2016 Annual Meeting of the American Association of Geographers, San Francisco, CA: *Teaching and Advising about Careers in Geography* (AAG Jobs and Careers Theme).
- 2016 Discussant, 2016 Annual Meeting of the American Association of Geographers, San Francisco, CA: *Population Specialty Group: Lifetime Achievement Award for John Weeks*.
- 2015 Program Committee Member: HealthGIS 2015, Fourth ACM SIGSPATIAL International Workshop on the Use of GIS in Public Health, November 2015, Seattle, WA.
- 2015 Chair, paper session at 2015 Annual Meeting of the Association of American Geographers, Chicago, IL: *Informality, Informal Settlements, and Health Geographies in Africa* (Sponsored by the Africa Specialty Group).
- 2014 Program Committee Member: HealthGIS 2014, Third ACM SIGSPATIAL International Workshop on the Use of GIS in Public Health, November 2014, Dallas, TX.
- 2014 Organizer and Chair, paper session at 2014 Annual Meeting of the Association of American Geographers, Tampa, FL: *Urban Water Supply and Governance in Sub-Saharan Africa* (Sponsored by the Africa, Water Resources, and Health & Medical Geography Specialty Groups); and *Urban Slums: Human Resilience and Community Feedbacks in the Developing World* (Sponsored by the Population and Ethics, Justice, and Human Rights Specialty Groups).
- 2012-2013 Steering Committee Member, URISA GIS in Public Health Conference, June 2013, Miami, FL.
- 2011 Co-organizer, paper session at 2011 Annual Meeting of the Association of American Geographers, Seattle, WA: *Exploring Household Water Access in Low-income Nations: A Geographic Perspective* (Sponsored by Population Specialty Group).

Industry Service

- 2023-2024 Member, Distributed Water Infrastructure Task Force, Water Environment Federation (WEF).
- 2016-2020 Advisory Board, [VectorAnalytics Inc.](#), Washington, DC.

Student Advising

Doctoral

- 2021-2024 Benjamin Agbemor, Committee Member, Ph.D. in Geography, Kent State University.
- 2015-2022 Jacob Patus, Committee Member, Ph.D. in Biology, University of Miami.

2017-2022	Andrea Lemaitre, Committee Chair, Ph.D. in Environmental Science and Policy, University of Miami.
2018-2021	Cho Hee Shrader, Committee Member, Ph.D. in Prevention Science and Community Health, University of Miami.
2015-2019	Nicholas Amoako, Committee Member, Ph.D. in Biochemistry, Cell and Molecular Biology, Program in Molecular and Cell Biology of Infectious Disease (MCBI), University of Ghana.
2015-2018	Michael Eduful, Committee Member, Ph.D. in Geography and Environmental Science and Policy, University of South Florida.
2012-2016	Temitope Alimi, Committee Member, Ph.D. in Environmental Science and Policy, University of Miami.
2015	Julia Wester, Reader, Ph.D. in Environmental Science and Policy, University of Miami.
2014	Tanjim Hossain, Reader, Ph.D. in Environmental Science and Policy, University of Miami.

Masters

2023-present	Christabel Egemba, Capstone Supervisor, M.P.H. (Joint with M.D. Program), University of Miami.
2023	Jasmine Jackson, Committee Member, M.S.P.H. in Epidemiology, University of Miami.
2022-2023	Skylar Spinler, Committee Member, M.P.S. in Broadcast Meteorology, University of Miami.
2022-2023	Taylor Sumpter, Committee Member, M.A. in Sociology, University of Miami.
2022-2023	Jenna Pulice, Committee Member, M.S. in Climate and Health, University of Miami.
2021-2022	Natalia Tohmé, Committee Chair, M.S. in Climate and Health, University of Miami.
2021-2022	Rebecca Saberi, Committee Member, M.S.P.H. in Epidemiology, University of Miami.
2021-2022	Jae Huckaba, Committee Chair, M.A. Latin American Studies (Joint with J.D. Program), University of Miami.
2020-2021	Melissa Sidote, Capstone Supervisor, M.P.H. in Epidemiology, University of Miami.
2018-2019	Mandeville Wakefield, Committee Member, M.A. in Latin American Studies, University of Miami.
2013-2017	Deborah Roque, Committee Chair, M.A. in Environmental Science and Policy, University of Miami.
2015-2016	Rachel Lautenschlager, Committee Member, M.A. in Sociology, University of Miami.
2013-2015	Philip Chorath, Committee Member, M.S. in Civil Engineering, University of Miami.
2013-2015	Rupert K. Delimini, Committee Member, M.Phil. in Biochemistry, Cell and Molecular Biology, Infectious Diseases Research Laboratory, University of Ghana.
2013	Rawan al Dashti, Capstone Supervisor, M.P.H. in Epidemiology, University of Miami.

Undergraduate

2025	Lena Sharma, B.S. Global Health Studies '26, UM. Research Assistant Supervisor.
2025	Sammy Brown, B.A. Geography and Sustainable Development '25, UM. Capstone Research Supervisor.
2024-2025	Theodore Krijnse Locker, B.S. Ecosystem Science and Policy '25, UM. Capstone Research Supervisor.
2023	Megan Locke, B.B.A. Business Administration '25, UM. Research Assistant Supervisor.
2022-2023	Gladiz Velez, B.S. Ecosystem Science and Policy '23, UM. Mentor for College of Arts and Sciences Summer Research Program for Underrepresented Minorities (2022) and Research Assistant Supervisor (2023).
2022-2023	Rajvi Shah, B.S. Geography and Sustainable Development '23, UM. Summer Research Assistant Supervisor (2022) and Independent Study Supervisor (2023).
2021-2022	Giulia Torrico, B.A. Global Health Studies '22, UM. Capstone Research Supervisor.
2020-2022	Eliza Stuart, B.S. Public Health and B.A. Geography and Sustainable Development '22, UM. Mentor for College of Arts and Sciences Summer Research Program for Underrepresented Minorities and Women (2021), and Advisor for Honors Thesis in Geography and Sustainable Development.
2020-2022	Erica Goldfinger, B.A. Ecosystem Science & Policy and B.S. Geography and Sustainable Development '22, UM. Research Assistant Supervisor and Advisor for Honors Thesis in Geography and Sustainable Development.
2021	Christina Paraggio, B.S. Microbiology & Immunology and Spanish '21, UM. Research collaborator.
2019-2020	Alanna Adler, B.A. Psychology '21, UM. Capstone Advisor for UM Civic Scholars Program.
2017-2019	Sydney Steel, B.A. Globalization and Social Medicine '19, UM. Independent Major Committee Chair.
2015-2017	Jaclyn Verity, B.S. Health Geographics '17, UM. Independent Major Committee Chair.
2015-2016	Kurt Wyatt Daum, B.A. Geography '17, UM. Honors Summer Fellow Advisor (2015), Beyond the Book Award Advisor (2016), and Capstone Supervisor.
2016	Samuel Franco, B.A. Ecosystem Science & Policy and Geography '17, UM. Summer Research Assistant Supervisor.
2015	Christopher Cowen, B.S. Statistics and B.A. Geography '16, UM. Research Assistant Supervisor.
2015	Katherine Ross, B.S. Public Health '15, UM. Research collaborator.
2015	Alessandria San Roman, B.A. Political Science and Geography '15, UM. Research collaborator.
2014-2015	Laura Zebib, B.S. Biology and Public Health '15, UM. Research collaborator.

2014-2015 Kiana Winslow, B.A. Geography and Religion and Health Care '15, UM. Research collaborator.
 2013 Heidi Savabi, B.A. International Studies '14, UM. Honors Summer Fellow Advisor.

Grant Referee

2025 Engineering Directorate (ENG) and Office of Emerging Frontiers and Multidisciplinary Activities (EFMA), NSF, Alexandria, VA.
 2024 Human-Environment and Geographical Sciences Program, NSF, Alexandria, VA.
 2022 Human-Environment and Geographical Sciences Program, NSF, Alexandria, VA.
 2021 Human-Environment and Geographical Sciences Program, NSF, Alexandria, VA (*ad hoc review*).
 2018 Doctoral Dissertation Research: Geography and Spatial Sciences, NSF, Alexandria, VA. (*Invitation declined due to COI.*)
 2017 Environment and Sustainability Research Grants, Royal Geographic Society (with IBG), London, UK.
 2016 Microbiology and Infectious Diseases Research Committee (2016/10 MID 1) (teleconference; one application), National Institute for Allergy and Infectious Disease (NIAID), NIH, Bethesda, MD.
 2016 Peer Reviewed Medical Research Programs (PRMRP) Pre-application Emerging Infectious Diseases (PRE-EID) online peer review panel of the Department of Defense Congressionally Directed Medical Research Programs (CDMRP). (*Invitation declined.*)
 2016 Mentored Patient-Oriented Research Career Development Award (teleconference; 1 application), National Institute for Allergy and Infectious Disease (NIAID), NIH, Bethesda, MD. (*Invitation declined.*)

Manuscript Referee

<i>Title</i>	<i>Publisher</i>	<i>#</i>
Acta Tropica	Elsevier	7
African Geographical Review	Taylor & Francis	3
African Journal of Environmental Science & Technology	Academic Journals	1
African Review of Economics and Finance	AREFC	3
American Journal of Tropical Medicine and Hygiene	ASTMH	1
Annals of the American Association of Geographers	Taylor & Francis	6
BMC Infectious Diseases	BioMed Central	1
Bulletin of the World Health Organization	WHO	1
CABI Reviews	CABI Publishing	2
City and Environmental Interactions	Elsevier	1
Emerging Infectious Diseases	CDC	3
Environment, Development and Sustainability	Springer	2
Environment and Planning E: Nature and Space	SAGE	1
Environmental Engineering Science	Liebert	2
Environmental Processes	Springer	1
Environmental Science & Technology	American Chemical Society	1
Geografiska Annaler B: Human Geography	Wiley	1
Geographical Analysis	Wiley	1
GeoJournal	Springer	4
GIScience & Remote Sensing	Taylor & Francis	1
Habitat International	Elsevier	4
Health & Place	Elsevier	6
International Health	Oxford Journals	2
International Journal of Allied & Health Sciences	Wolters Kluwer	1
International Journal of Environmental Research and Public Health	MDPI	1
International Journal of Health Geographics	BioMed Central	1
International Journal of Hygiene and Environmental Health	Elsevier	4
International Journal of Water Resources Development	Taylor & Francis	2
Journal of Environmental and Public Health	Hindawi	1
Journal of Interpersonal Violence	SAGE	2
Journal of Urbanism: International Research on Placemaking and Urban Sustainability	Taylor & Francis	2
Journal of Water, Sanitation & Hygiene for Development	IWA	1
The Lancet Global Health	Elsevier	1
The Lancet Infectious Diseases	Elsevier	1
The Lancet Planetary Health	Elsevier	2
The Lancet Public Health	Elsevier	1

Land Use Policy	Elsevier	1
Landscape and Urban Planning	Elsevier	1
Malaria Journal	BioMed Central	5
Nature Sustainability	Springer Nature	2
Nature Water	Springer Nature	1
One Earth	Cell Press	1
One Health	Elsevier	1
PLOS Neglected Tropical Diseases	Public Library of Science	1
PLOS ONE	Public Library of Science	5
PLOS Water	Public Library of Science	5
Population and Environment	Springer	2
Public Health	Elsevier (Royal Society)	1
Remote Sensing	MDPI	2
Risk Analysis	Wiley	1
Science of the Total Environment	Elsevier	1
Social Science & Medicine	Elsevier	1
Spatial and Spatio-temporal Epidemiology	Elsevier	1
Tropical Medicine & International Health	Wiley	1
Urban Water Journal	Taylor & Francis	4
Water Economics and Policy	World Scientific	2
Water International	Taylor & Francis	3
Water Resources Research	Wiley	1
Water Security	Elsevier	1
Weather, Climate, and Society	American Meteorol. Society	1
WIREs Water	Wiley	5
World Development	Elsevier	2
Total		127

Membership

2016-present	American Society of Tropical Medicine & Hygiene (ASTMH).
2006-present	American Association of Geographers (AAG).
2008-2016	American Public Health Association (APHA).
2011-2013	Urban and Regional Information Systems Association (URISA).

Media

9/1/2023	Bloomberg, <i>Idalia Shows Need to Protect Manufactured Homes</i> .
6/14/2023	Smart Water Magazine, <i>New Approaches to Evaluating Water Interventions Around the Globe</i> .
9/4/2020	Vox, <i>An Effective Covid-19 Vaccine Isn't Enough. People Have to Be Willing to Get It</i> .
7/18/2020	New York Times (link to research), <i>Mistrust of a Coronavirus Vaccine Could Imperil Widespread Immunity</i> .
10/11/2019	NBC6, Miami (video), <i>The Food We Eat and Climate Change</i> .
8/22/2019	Water Online, <i>Drinking Water Challenges on the Rise</i> .
11/5/2018	Bhekisisa Centre for Health Journalism, <i>Water in Ghana from Pipe to Packet: Is There a Hidden Cost to This Low-Cost Solution?</i>
10/3/2018	Break Dengue, <i>Dengue in Africa: Why We Urgently Need to Wake Up to the Public Health Threat on the Continent</i> .
9/10/2018	Break Dengue, <i>The Impact of Climate Change on Dengue, and Why We Can't Ignore It</i> .
5/5/2018	Sun Sentinel, <i>Mosquitoes That Carry Zika Could Bring Deadlier Yellow Fever This Year</i> .
8/15/2017	WLRN (local NPR affiliate), <i>Scientists Read Thousands of Comments to Understand Public Opinion on GMO Mosquitoes</i> .
8/23/2016	Al Jazeera English (video), <i>US Health Officials Caution Zika Spread Beyond Florida</i> .
8/23/2016	Geospatial World, <i>GIS Mapping Tools Helps Senior Citizens in South Florida Access Healthcare</i> .
8/22/2016	Health Data Management, <i>GIS Maps Seen as Tool for Improving Access to Care for Seniors</i> .
8/10/2016	Continuum of Care News, <i>Florida Researchers Use GIS Mapping to Identify Vulnerable Senior Citizens</i> .
2/4/2016	Al Jazeera America (video), <i>Florida Declares State of Emergency with Zika Virus</i> .
1/29/2016	Christian Science Monitor, <i>As Zika Spreads, Brazil Deploys Everything from Local Workers to Troops</i> .
6/25/2015	ACEPNow (published by American College of Emergency Physicians), <i>Sick Travelers Returning from West Africa Most Likely to Have Malaria</i> .
4/14/2015	Mosaic (published by the Wellcome Trust), <i>The Cost of Pure Water</i> .

- 3/10/2015 Healio, *Dengue Exposures Unnoticed among Ghanaian Children*.
 3/5/2015 Nature World News, *How Dengue Fever Could Hasten Malaria's Deadly March on Africa*.
 3/5/2015 Infection Control Today, *The Hidden Burden of Dengue Fever in West Africa*.
 3/4/2015 Voice of America, *Study: Diseases Mistaken for Malaria*.
 3/4/2015 Global Biodefense, *The Hidden Burden of Dengue Fever in West Africa*.
 3/2/2015 Science Daily, *Hidden Burden of Dengue Fever in West Africa*.
 8/12/2013 The Rockefeller Foundation's Informal City Dialogues, *Tiny Bags of Water Buoy an Economy, and Make a Big Mess*.
 6/19/2013 Science Codex, *Looking at Sachet Water Consumption in Ghana*.

Other Workshops

- (Professional Development)
- 2025 Department Leadership Workshop [Virtual], Geography Faculty Development Alliance, American Association of Geographers (AAG), Washington, DC.
- 2024 AI in the Classroom Working Group, College of Arts and Sciences, University of Miami.
- 2024 Department Leadership Workshop [Virtual], Geography Faculty Development Alliance, American Association of Geographers (AAG), Washington, DC.
- 2021 The Science and Practice of Compassionate Leadership: Compassion, Culture, and Courage [Virtual]. American Society of Tropical Medicine, Arlington, VA, and Center for Compassionate Leadership, Montauk, NY.
- 2021 Department Leadership Workshop [Virtual], Geography Faculty Development Alliance, American Association of Geographers (AAG), Washington, DC.
- 2019 Science Engagement and Public Engagement Fundamentals, Center for Public Engagement with Science and Technology, American Association for the Advancement of Science (AAAS), Washington, DC.
- 2018 CLaRO Summer Training Institute on Health Disparities, University of Miami.
- 2017 Persuasive Proposals: Writing about New Science with Integrity, Authority, and Imagination, University of Miami.
- 2017 Medical Humanities Summer Institute, Consortium of Humanities Centers and Institutes, University of Miami.
- 2016 WACCBIP Research Conference 2016, West African Centre for Cell Biology of Infectious Pathogens, University of Ghana, Accra, Ghana.
- 2016 Esri Education GIS Conference, and Esri User Conference, San Diego, CA.
- 2015 Climate Health Summit, Physicians for Social Responsibility, Washington, DC.
- 2015 Esri Education GIS Conference, and Esri User Conference, San Diego, CA.
- 2015 IBIS Ally Network: LGBTQ Advocacy and Resources, University of Miami.
- 2014 Esri Education GIS Conference, and Esri User Conference, San Diego, CA.
- 2014 Academic Leadership: Uses of Influence, Power and Conflict Resolution, University of Miami.
- 2013 Strategic Persuasion: Skills in Problem Solving, Conflict Resolution and Negotiations, University of Miami.
- 2008 Workshop in Teaching College Geography, San Diego State University.

Prior Experience

- 2003-2006 **Sumitomo Mitsui Banking Corporation** **New York, NY**
Consultant. Planning Development Americas Division, Information Systems.
- Managed the implementation of several internal information systems projects including: a release management tool to coordinate environment migrations of technology builds; Demand Deposit Account system enhancements that enable balance sweeps to offshore investment vehicles; consolidation of messaging interfaces between foreign exchange origination and transaction processing systems; web interface to the bank's global payment system.
- 2000-2002 **Deutsche Bank AG** **New York, NY**
Program Manager. Global MIS Coordination, Central Management.
- Managed strategic integration of global Client Relationship Management (CRM) and Management Information Systems (MIS) initiatives with leading vendors and development partners. Standardized business processes, data models and architecture to support executive management objectives.
- Associate*. The DB Consulting Group, Global Technology & Services.
- Practice Development Lead for several projects including the IT architecture migration and reengineering of a global government securities clearing system, documentation of CRM vision for financial services firms, and user interface design for a new electronic brokerage product in Brazil.

- 1999-2000 **PricewaterhouseCoopers, LLP** **New York, NY**
Consultant. Management Consultant Services, Financial Services Practice.
- Clients: *Goldman Sachs (primary), Chase Manhattan Bank, Standard & Chartered Bank.*
 - Team Lead for implementation of web-based applications. Created functional specifications and conceptual models, evaluated competing software solutions, designed user interfaces, documented new process flows and change management implications. Managed teams of 5-10 developers.
- 1997-1999 **The Boston Consulting Group, Inc.** **New York, NY**
Business Analyst. Human Resources and Career Development.
- Functional lead for implementation of new Oracle-based proprietary HRIS database application. Researched business requirements, wrote system documentation, and conducted user training.