

ANDREA J. LUND

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ACADEMIC APPOINTMENTS

Postdoctoral Fellow

2021 – present

Department of Environmental and Occupational Health
University of Colorado School of Public Health, Aurora, CO

Postdoctoral Scholar

2020

Department of Biology, Hopkins Marine Station
Stanford University, Pacific Grove, CA

EDUCATION

PhD, Environment and Resources, Stanford University

2020

Dissertation: “Human-environment dynamics in the eco-epidemiology of schistosomiasis”
Fields of inquiry: Ecology of infectious disease and social epidemiology
Reading Committee: Giulio De Leo, Jason Andrews, David Lopez-Carr, David Rehkopf

MPH, Global Epidemiology, Rollins School of Public Health, Emory University

2013

Thesis: “Prevalence of cholera risk factors between migration Haitians and Dominicans in the Dominican Republic”

BA, Biology and Spanish, with *High Distinction*, University of Minnesota – Morris

2011

Study abroad, Duke/OTS Global Health Semester in Costa Rica, Fall 2009

PUBLICATIONS

1. **Lund AJ**, Rehkopf DH, Sokolow SH, Sam MM, Jouanard N, Schacht AM, Senghor S, Fall A, Riveau G, De Leo GA, Lopez-Carr D 2021. Land use impacts on parasitic infection: a cross-sectional epidemiological study on the role of irrigated agriculture in schistosome infection in a dammed landscape in West Africa. *Infectious Diseases of Poverty* 10:35. <https://doi.org/10.1186/s40249-021-00816-5>
2. **Lund AJ**, Lopez-Carr D, Sokolow SH, Rohr JR, De Leo GA. 2021 Agricultural innovations to reduce the health impacts of dams. *Sustainability* 13:1869 <https://doi.org/10.3390/su13041869>
3. Hopkins S, Sokolow S, De Leo G, Buck J, Jones I, Kwong L, LeBoa C, **Lund AJ**, MacDonald A, Nova N, Olson S, Peel A, Wood C, Lafferty K. 2020. Identifying win-wins for people and nature. *Nature Sustainability*. DOI: [10.1038/s41893-020-00640-z](https://doi.org/10.1038/s41893-020-00640-z)
4. Jones IJ, MacDonald AJ, Hopkins S, **Lund AJ**, Liu ZY, Fawsi NI, Purba MP, Fankhauser K, Chamberlin AJ, Nirmala M, Blundell AG, Emerson A, Jennings J, Gaffikin L, Barry M, Lopez-Carr D, Webb K, De Leo GA, Sokolow SH. 2020. Improving rural health care reduces illegal logging and conserves carbon in a tropical forest. *Proceedings of the National Academy of Sciences* 117(45): 28515-28524 DOI: [10.1073/pnas.2009240117](https://doi.org/10.1073/pnas.2009240117)

5. Chamberlin AJ, Jones IJ, **Lund AJ**, Jouanard N, Riveau G, Ndione R, Sokolow SH, Wood CL, Lafferty KD, De Leo GA 2020. Visualization of schistosomiasis snail habitat using light unmanned aerial vehicles. *Geospatial Health* 15(2):818. DOI: [10.4081/gh.2020.818](https://doi.org/10.4081/gh.2020.818)
6. **Lund AJ**, Sam MM, Sy AB, Sow OW, Ali S, Sokolow SH, Bereknayi Merrell S, Bruce J, Jouanard N, Senghor S, Riveau G, Lopez-Carr D, De Leo GA. 2019. Unavoidable risks: Local perspectives on water contact behavior and implications for schistosomiasis control in an agricultural region of northern Senegal. *American Journal of Tropical Medicine and Hygiene* 101(4): 837-847. DOI: 10.4269/ajtmh.19-0099
7. Wood CL, Sokolow SH, Jones IJ, Chamberlin AJ, Lafferty KD, Kuris AM, Jocque M, Hopkins SR, Adams G, Schneider M, Buck JC, **Lund AJ**, Garcia-Vedrenne AE, Fiorenza E, Rohr JR, Allan F, Webster BL, Rabone M, Webster JP, Bandagny L, Ndione R, Senghor S, Schacht AM, Jouanard N, Riveau G, De Leo GA. 2019. Precision mapping of snail habitats provides a powerful indicator of human schistosomiasis transmission. *Proceedings of the National Academy of Sciences* 116(46): 23182-23191. DOI: [10.1073/pnas.1903698116](https://doi.org/10.1073/pnas.1903698116)
8. Hoover CM, Sokolow SH, Kemp J, Sanchirico JN, **Lund AJ**, Jones I, Higginson T, Riveau G, Savaya-Alkalay A, Coyle S, Wood CL, Micheli F, Casagrandi R, Mari L, Gatto M, Rinaldo A, Perez-Saez J, Rohr JR, Sagi A, Remais JV, De Leo GA. 2019. Prawn aquaculture as a method for schistosomiasis control and poverty alleviation: a win-win approach to address a critical infectious disease of poverty. *Nature Sustainability* 2(7): 611-620. DOI: [10/1101/465195](https://doi.org/10.1101/465195).
9. Keys HM, Kaiser BN, Foster JW, Freeman MC, Stephenson RS, **Lund AJ**, Kohrt BA. 2017. Cholera control and anti-Haitian stigma in the Dominican Republic: From migration policy to lived experience. *Anthropology & Medicine* 26(2): 123-141. DOI: [10.1080/13648470.2017.1368829](https://doi.org/10.1080/13648470.2017.1368829)
10. Garchitorena A, Sokolow SH, Roche B, Ngonghala CN, Jocque M, **Lund A**, Barry M, Mordecai EA, Daily GC, Jones JH, Andrews JR, Bendavid E, Luby SP, LaBeaud AD, Seetah K, Guegan JR, Bonds MH, De Leo GA. 2017. Disease ecology health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical disease. *Philosophical Transactions of the Royal Society B*. 372(1722) DOI: [10.1080/13648470.2017.1368829](https://doi.org/10.1080/13648470.2017.1368829)
11. Sokolow SH, Jones IJ, Jocque M, La D, Cords O, Knight A, **Lund A**, Wood CL, Lafferty KD, Kuris AM, Hoover CM, Collender PA, Remais J, Lopez-Carr D, Fisk J, De Leo GA. 2017. Nearly 400 million people are at higher risk of schistosomiasis because dams block the migration of snail-eating river prawns. *Philosophical Transactions of the Royal Society B*. 372(1722): 20160127. DOI: [10.1098/rstb.2016.0127](https://doi.org/10.1098/rstb.2016.0127)
12. **Lund AJ**, Keys HM, Leventhal S, Foster JW, Freeman MC. 2015. Prevalence of cholera risk factors between migrant Haitians and Dominicans in the Dominican Republic. *Revista Panamericana de Salud Pública* 37(3): 125-32. PMID: 25988248.
13. Keys H, Reyes J, Leventhal S, **Lund A**, Batista Berroa DA, Jean-Charles A, Burgos Minaya RY, Foster J. 2014. El cólera y el estigma en la Republica Dominicana. *Revista Panamericana de Salud Pública* 36(1): 63-4. PMID: 25988248.
14. **Lund A**, McMillan JR, Kitron U, Kelly R, Mead DG, Burkot TR, Vazquez-Prokopec G. 2014. Long-term impact of combined sewer overflows (CSO) remediation on water quality and population dynamics of *Culex quinquefasciatus*, the main urban West Nile virus vector in Atlanta, GA. *Environmental Research* 129: 20-26. PMID: 24528998. DOI: [10.1016/j.envres.2013.12.008](https://doi.org/10.1016/j.envres.2013.12.008)

15. Reimer RA, Houlihan AE, Gerrard M, Deer MM, **Lund AJ**. 2012. Ethnic differences in predictors of HPV vaccination: Comparisons of predictors for Latina and non-Latina White Women. *Journal for Sex Research* 50(8): 748-56. PMID: 23030843. DOI: [10.1080/00224499.2012.692406](https://doi.org/10.1080/00224499.2012.692406)

Under review/in revision

16. **Lund AJ**, Sokolow SH, Jones IJ, Wood CL, Ali S, Chamberlin A, Sy AB, Sam MM, Jouanard N, Schacht AM, Senghor S, Fall A, Ndione R, Riveau G, De Leo GA, Lopez-Carr D. Exposure, hazard, and vulnerability all contribute to *Schistosoma haematobium* re-infection in northern Senegal. [Resubmitted to *PLoS Neglected Tropical Diseases*].
17. Jones IJ, Sokolow SH, Chamberlin A, **Lund AJ**, Jouanard N, Bandagny L, Ndione R, Senghor S, Schacht AM, Riveau G, Hopkins SR, Rohr JR, Remais JV, Lafferty KD, Kuris AM, Wood CL, De Leo GA. Schistosome infection in Senegal is associated with different spatial extents of risk and ecological drivers for *S. haematobium* and *S. mansoni*. [Resubmitted to *PLoS Neglected Tropical Diseases*]
18. Sokolow SH, Jones IJ, Wood CL, Lafferty KD, Garchitorena A, Hopkins SR, **Lund AJ**, MacDonald AJ, Nova N, LeBoa C, Peel AJ, Mordecai EA, Chamberlin A, Howard M, Buck JC, Lopez-Carr D, Barry M, Bonds M, De Leo GA. More than one third of global human infectious disease burden is environmentally mediated, with disproportionate effects in rural poor areas. [In revision]. [Pre-print DOI: <https://dx.doi.org/10.2139/ssrn.3457412>]
19. Hopkins SR, Lafferty KD, Wood CL, Olson SH, Buck JC, Childs M, De Leo GA, Fiorella KJ, Fornberg J, Garchitorena A, Howard ME, Jones IJ, Kuris AM, Kwong LH, LeBoa C, Leon AE, **Lund AJ**, MacDonald AJ, Metz DCG, Nova N, Peel AJ, Remais JV, Stewart Merrill TE, Wilson M, Bonds MH, Dobson AP, Lopez-Carr D, Mandle L, Sokolow SH. Diversity and evidence gaps among potential win-win solutions for conservation and human infectious disease control. [Under review].
20. Haggerty C, Delius B, Jouanard N, Nado P, De Leo G, **Lund A**, Lopez-Carr D, Remais J, Riveau G, Sokolow S, Rohr J. Identifying low risk insecticides to address both food shortages and the biocontrol of human schistosomiasis. [Under review]. [Pre-print DOI: <https://doi.org/10.1101/2021.01.05.425425>]
21. **Lund AJ***, Harrington ES*, Albrecht TR, Hora T, Wall RE, Andarge T. Priorities in dam management: An interdisciplinary analysis of health as a component of the food-energy-water nexus in the Senegal River Basin. *co-first authors. [Under review]

Book chapters

22. Jones IJ, **Lund A**, Riveau G, Jouanard N, Ndione R, Sokolow SH, De Leo GA. 2018. Ecological control of schistosomiasis in sub-Saharan Africa: restoration of predator-prey dynamics to reduce transmission. In: *Ecology and Evolution for Control of Infectious Diseases in Low-Income Countries: Broadening the Scope for Public Health Management*, pp 236-251. Eds B. Roche, H Broutin and F Simard. Oxford University Press. DOI: [10.1093/oso/9780198789833.003.0015](https://doi.org/10.1093/oso/9780198789833.003.0015)

Published abstract

23. **Lund AJ**, SH Sokolow, IJ Jones, CL Wood, S Ali, A Chamberlin, AB Sy, MM Sam, N Jouanard, AM Schacht, S Senghor, A Fall, R Ndione, G Riveau, GA De Leo, D Lopez-Carr. "Exposure, hazard and vulnerability all contribute to *Schistosoma haematobium* re-infection in northern Senegal" *Lancet Planetary Health* 5(S10). DOI: [https://doi.org/10.1016/S2542-5196\(21\)00094-2](https://doi.org/10.1016/S2542-5196(21)00094-2)

24. **Lund AJ**, Rehkopf DH, Sokolow SH, Sam MM, Jouanard N, Schacht AM, Senghor S, Fall A, Riveau G, De Leo GA, Lopez-Carr D 2021. Land use impacts on parasitic infection: a cross-sectional epidemiological study on the role of irrigated agriculture in schistosome infection in a dammed landscape in West Africa. Dryad, dataset, <https://doi.org/10.5061/dryad.sf7m0cg4m>

RESEARCH GRANTS

- 2017-2019 **Graduate Pursuits Program**, travel support for 18-month working group (Lead-PI)
National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD
- 2019 **Capacity Building and Public Engagement Grant**, \$7,000 in travel support (Co-PI)
King Center on Global Development, Stanford University
- 2019 **Global Health Seed Grant**, \$50,000 to conduct evaluation of NGO program (Co-I)
Center for Innovation in Global Health, Stanford University
- 2016-2018 **McGee & E-IPER Summer Research Grants**, \$14,000 for dissertation research (Lead-PI)
School of Earth, Energy & Environmental Sciences, Stanford University
- 2012 **Multidisciplinary Field Scholar Team Award**, \$12,000 for MPH thesis field work (Co-I)
Emory Global Health Institute, Emory University

AWARDS & FELLOWSHIPS

- 2017-2020 **James & Nancy Kelso Fellowship**
Stanford Interdisciplinary Graduate Fellowship (SIGF) program, Stanford University
- 2015-2017 **Davis Family E-IPER Fellowship**
School of Earth, Energy & Environmental Sciences, Stanford University
- 2015-2016 **Eugene Cota-Robles Fellowship**, Central Recruitment Award, *declined*
Graduate Division, University of California, Santa Barbara
- 2011 **Scholar of the College**, University of Minnesota, Morris
- 2011 **John Q. Imholte Scholarship**, University of Minnesota, Morris
- 2011 Finalist, **Katherine E. Sullivan Scholarship** for Study Abroad, *withdrew*
Honors Program & Office of International Programs, University of Minnesota
- 2011 Finalist, **Post-Bachelor Fellowship**, *not awarded*
Institute for Health Metrics and Evaluation, University of Washington
- 2009 **Study abroad scholarship**, Duke University/Organization for Tropical Studies
- 2008-2009 **Morris Academic Partner**, University of Minnesota, Morris
- 2007 **Academic All-Conference**, Women's Soccer, Upper Midwest Athletic Conference
- 2006-2010 **Presidential Scholarship**, University of Minnesota, Morris
- 2006-2010 **Chancellor's Scholarship**, University of Minnesota, Morris

PRESENTATIONS

1. **Lund AJ**, SH Sokolow, IJ Jones, CL Wood, S Ali, A Chamberlin, AB Sy, MM Sam, N Jouanard, AM Schacht, S Senghor, A Fall, R Ndione, G Riveau, GA De Leo, D Lopez-Carr. “Exposure, hazard and vulnerability all contribute to *Schistosoma haematobium* re-infection in northern Senegal.” Lightning talk. *Planetary Health Alliance Annual Meeting*, April 2021. (Virtual due to COVID-19).
 - Selected as one of the “Best Abstracts in Planetary Health” among 2021 submissions.
2. **Lund AJ**, SH Sokolow, IJ Jones, AJ Chamberlin, CL Wood, AB Sy, MM Sam, N Jouanard, AM Schacht, S Senghor, A Fall, G Riveau, GA De Leo, D Lopez-Carr. “Integrating water contact behavior, environmental hazard and social vulnerability into estimates of schistosomiasis occurrence in northern Senegal.” Poster presenter. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2020. (Virtual due to COVID-19)
3. **Lund A**. “From UMN Morris to Africa: Human-environment dynamics in the eco-epidemiology of schistosomiasis.” *Latterell Alumni Lecture, University of Minnesota, Morris Department of Biology*, October 2020. (Virtual due to COVID-19).
4. **Lund A**. “Human-environment dynamics in the eco-epidemiology of schistosomiasis” Invited talk, *Sonoma State University Biology Colloquium*, September 2020. (Virtual due to COVID-19).
5. **Lund AJ**, DH Rehkopf, SH Sokolow, N Jouanard, A Fall, G Riveau, JR Andrews, GA De Leo, D Lopez-Carr. “The role of irrigated agriculture in schistosomiasis risk in a dammed landscape in West Africa.” Oral presenter. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2019.
6. **Lund AJ**, DH Rehkopf, SH Sokolow, N Jouanard, A Fall, G Riveau, JR Andrews, GA De Leo, D Lopez-Carr. “The role of irrigated agriculture in schistosomiasis risk in a dammed landscape in West Africa.” Poster presenter. *Planetary Health Alliance Annual Meeting*, September 2019.
7. Sokolow SH, IJ Jones, CL Wood, KD Lafferty, A Garchitorena, S Hopkins, M Boslough, L Marom, **A Lund**, AJ MacDonald, M Howard, N Nova, C Le Boa, A Peel, E Mordecai, A Chamberlin, M Barry, M Bonds & GA De Leo. “More than one third of global human infectious disease burden is environmentally mediated, with disproportionate effects in rural poor areas.” Co-authored oral presentation. *Planetary Health Alliance Annual Meeting*, September 2019.
8. Sokolow SH, SR Hopkins, N Nova, **A Lund**, IJ Jones, AJ MacDonald, L Kwong, ME Howard, GA De Leo & KD Lafferty. “Ecological levers for health: Bright spots and knowledge gaps revealed by a quantitative literature review” Co-authored oral presentation. *Ecological Society of America Annual Meeting*, August 2019.
9. Hopkins SR, C Wood, S Olson, J Buck, M Childs, GA De Leo, A Dobson, J Fornberg, A Garchitorena, M Howard, IJ Jones, A Kuris, L Kwong, C LeBoa, A Leon, **A Lund**, AJ MacDonald, D Metz, N Nova, AJ Peel, J Remais, S Sokolow, T Stewart, M Wilson, M Bonds, K Fiorella, L Mandle, H Tallis & KD Lafferty. “Case studies on the win-win menu: which interventions work to both reduce human infectious disease and conserve nature?” Co-authored oral presentation. *Ecological Society of America Annual Meeting*, August 2019.
10. Hopkins SR, C Wood, S Olson, J Buck, M Childs, GA De Leo, A Dobson, J Fornberg, A Garchitorena, M Howard, IJ Jones, A Kuris, L Kwong, C LeBoa, A Leon, **A Lund**, AJ MacDonald, D Metz, N Nova, AJ Peel, J Remais, S Sokolow, T Stewart, M Wilson, M Bonds, K Fiorella, L Mandle, H Tallis & KD

- Lafferty. “Interventions on the Planetary Health menu: examples, evidence and evaluation.” Co-authored poster presentation. *Ecology and Evolution of Infectious Diseases Annual Meeting*, June 2019.
11. **Lund A.** “Dam parasites: How dams can force people to choose between health and livelihoods.” Invited talk, *Hard Earth: Development’s Dilemmas*, Stanford University, April 2019.
 12. Albrecht T, Andarge T, Harrington E, Hora T, **Lund A**, Wall R (authors listed alphabetically). “Management for Sustainable Development in the Senegal River Basin: Integrating historical and hydrological analysis of trade-offs between health and food, energy and water resources. Oral co-presenter. *American Association of Geographers Annual Meeting*, April 2019.
 13. **Lund A**, Sow O, Ali S, Sokolow SH, Jouanard N, Riveau G, Senghor S, Lopez-Carr D, De Leo G. “Unavoidable risks: persistent water contact despite local knowledge of schistosomiasis risk in an endemic region of northern Senegal.” Oral presenter. *American Association of Geographers Annual Meeting*, April 2019.
 14. **Lund A.** “Local perceptions of seasonality and water contact behavior in the Sahel: implications for schistosomiasis transmission.” Oral presenter. *Stanford EARTH Annual Research Review*, April 2018.
 15. **Lund A**, Forsyth J, Krystosik A, Sokolow S, Winter SJ, Banchoff A, King AC, De Leo G, LaBeaud D, Baiocchi M, Luby SP, Sarnquist C. “Violence and vectors: Engaging adolescent girls in participatory risk mapping in informal settlements in Fiji.” Oral presenter. *Natural Capital Symposium*, March 2018.
 16. **Lund A**, Mandle L, Hamel P, LeBoa C, Sokolow S, De Leo G. “Predicting the impact of water management infrastructure on schistosomiasis transmission risk in sub-Saharan Africa.” Poster presenter. *Natural Capital Symposium*, March 2018.
 17. McMillan JR, Blakney R, **Lund A**, Mead D, Coker S, Bisanzio D, Koval W, Kitron U, Vazquez-Prokopec G. “Road-side catch basins as sentinels for West Nile Virus-infected Culex spp. mosquitoes.” Co-authored poster presentation. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2017.
 18. **Lund A**, Lopez-Carr D, Riveau G, Jouanard N, Diop D, Andrews J, Sokolow SH, De Leo GA. “Gauging potential schistosomiasis exposure in northern Senegal from activity-specific water contact estimates.” Poster presenter. *Planetary Health Alliance Inaugural Meeting*, April 2017.
 19. **Lund A**, Lopez-Carr D, Riveau G, Jouanard N, Diop D, Andrews J, Sokolow SH, De Leo GA. “Gauging potential schistosomiasis exposure in northern Senegal from activity-specific water contact estimates.” Poster presenter. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2016.
 20. **Lund A**, Bisanzio D, Masoumy L, Vazquez-Prokopec G. “Impact of Weather Variability on Water Quality and Mosquito Productivity in Catch Basins in Atlanta, GA.” Poster presenter. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2014.
 21. **Lund A**, McMillan JR, Kitron U, Kelly R, Mead DG, Burkot TR, Vazquez-Prokopec G. “Long-term impact of combined sewer overflows (CSO) remediation on water quality, mosquito abundance and West Nile virus amplification.” Poster presenter. *American Society of Tropical Medicine and Hygiene Annual Meeting*, November 2012.

22. **Lund A**, McMillan JR, Kitron U, Kelly R, Mead DG, Burkot TR, Vazquez-Prokopec G. “Long-term impact of combined sewer overflows (CSO) remediation on water quality, mosquito abundance and West Nile virus amplification.” Oral presenter. *Georgia Mosquito Control Association Annual Meeting*, October 2012.

TEACHING & MENTORSHIP

Public Health Teaching Faculty , Citizen Science Bard College • Director, Mary Krembs • Public Health Strand Lead, Erin Delker	January 2022
Transforming Your Research into Teaching (TYRIT) Center for the Integration of Research, Teaching and Learning (CIRTL) & University of Colorado, Boulder	Summer 2021
Guest Reviewer , EPI 237 Practical Approaches in Global Health Professor Steve Luby, Stanford University	Winter 2021
Field Mentor , Undergraduate Research Assistant Program King Center on Global Development, Stanford University	Summer 2018
Teaching Assistant , ENVRES 320 Designing Environmental Research Professor Jenna Davis, Stanford University	Winter 2018
Field and Lab Manager , Vector Ecology Lab Professors Gonzalo Vazquez-Prokopec and Uriel Kitron, Emory University Trained seasonal teams of undergraduate and graduate students in collection and laboratory processing of field samples including mosquito trapping, water quality testing, and mosquito identification and pooling	June 2013 – June 2015
Teaching Assistant , INFO 350 Intro to Geographic Information Systems Dr. Julie Clennon, Emory University Rollins School of Public Health	Fall 2012, Spring 2013

PROFESSIONAL ACTIVITIES & SERVICE

Reviewer	<i>American Journal of Tropical Medicine and Hygiene • The American Naturalist • Environmental Research • Food and Waterborne Parasitology • Infectious Diseases of Poverty • Philosophical Transactions of the Royal Society of London B Biological Sciences • PLoS Neglected Tropical Diseases • PLoS ONE • Transactions of the Royal Society of Tropical Medicine and Hygiene</i>	
Membership	American Society of Tropical Medicine and Hygiene Planetary Health Alliance Society for Epidemiologic Research American Association of Geographers Ecological Society of America	2015 – present 2017 – present 2019-present 2018 – 2019 2019-2020
University	University of Colorado Denver Equity Certificate Stanford Program for Disease Ecology Health and the Environment Stanford Woods Institute Rising Environmental Leaders Program Stanford Global Health Student Council Stanford E-IPER Student Committee Emory Health Organization for Latin America	2021 2016-2019 2019 2017-2018 2017-2018 2012

TECHNICAL SKILLS

Language	English (native speaker) • Spanish (advanced proficiency) • French (intermediate proficiency)
Software	Statistical software (R, Stata, SAS, SUDAAN, SPSS) Geographic information systems (ArcGIS, QGIS) Data management (REDCap, EpiInfo) Microsoft Office (Word, Excel, PowerPoint, Access) Bibliographic software (Mendeley, Zotero, EndNote) Collaboration software (GitHub, Slack, Google Drive)
Field	Survey design and data collection • Qualitative data collection • Adult mosquito trapping and identification (gravid, light, aspirator) • Larval mosquito collection and identification • Bird trapping (mist netting) • Mammal trapping (Tomahawk) • Blood sampling (bird jugular, squirrel femoral)
International	Senegal • Mali • Dominican Republic • Costa Rica