

Alana R. Sharp

Curriculum vitae

Contact information

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I. EDUCATION

Master of Public Health (MPH) in Global Health Management and Policy

University of Michigan (2016). Advisor: Zoe M. McLaren.

Bachelor of Science (BS) in Biology

University of New Mexico (2010). Advisor: Thomas F. Turner.

II. CURRENT POSITIONS

Scholar at the O'Neill Institute for National and Global Health Law, Georgetown University

From June 2021. Geneva, Switzerland.

Member of the Global Health Policy and Politics team, working at the intersection of research, policy analysis, and advocacy. Implements projects on HIV, tuberculosis, climate and health, and a variety of other global health issues.

Co-Founder of Data, Et cetera

From November 2018. Geneva, Switzerland.

Founding member of the data journalism website [Data, Et cetera](#). Leads on idea generation, story-boarding, and research. Data scraping, cleaning, and statistical analysis using R, data visualizations using the D3.js JavaScript library.

III. RECENT POSITIONS

Specialist, Information Management at The Global Fund to Fight AIDS, Tuberculosis and Malaria

January 2019 to May 2021. Geneva, Switzerland.

Lead the data analysis and reporting work of the Access to Funding Department, strengthening the Global Fund's ability to invest billions of dollars strategically. Modernized the department's reporting system, shifting from Excel workbooks to an integrated and automated system used by the entire organization. Published the annual Eligibility List and projections of eligibility transitions.

Policy Associate at amfAR, The Foundation for AIDS Research

September 2016 to December 2018. Washington, DC.

Key member of a small data-focused policy analyst team. Managed a broad independent research portfolio with a focus on international HIV financing, public health monitoring and evaluation, sexual and reproductive health, HIV epidemiology, and domestic drug and HIV policy.

Communications Focal Point for Private Foundations Delegation to The Global Fund to

Fight AIDS, Tuberculosis and Malaria Board

January 2018 to December 2018. Geneva, Switzerland.

Served as the elected liaison for the Private Foundations seat at the Global Fund Board. Facilitated engagement between constituencies and among member organizations of the constituency at biannual Board meetings, committee meetings, and regularly throughout the year.

Public Policy Fellow at amfAR, The Foundation for AIDS Research

May 2016 to September 2016. Washington, DC.

Supported and led research on HIV policy. Led modeling initiative to predict country transitions from Global Fund eligibility.

Research Assistant II at the University of Michigan School of Public Health

November 2014 to April 2016. Ann Arbor, MI.

Contributed to work on tuberculosis policy evaluation in South Africa, including work to measure the impact of HIV treatment roll-out on tuberculosis outcomes. Other projects include cost-effective analyses, measurement of disease reservoirs in incarcerated populations, and developing metrics for quality assurance using routinely-collected data.

Implementation Science Research Intern at the U.S. Agency for International Development (USAID)

June 2015 to August 2015. Arlington, VA.

Project management for research studies in the Office of HIV/AIDS (GF/OHA/TLR). Developed a web-based platform to monitor and track implementation science research studies. Backstopping for Tanzania country team in preparation for country operational plan (COP) review.

Research Coordinator at the University of New Mexico College of Pharmacy

November 2013 to August 2014. Albuquerque, NM.

Lead research coordinator for Phase II clinical research trial on the use of pharmaceutical compounds as nicotine cessation aids. Coordinated between academic team and medical staff, led study visits with participants, gathered data from psychometric assessments, and performed data quality assurance and preparation for publication.

Graduate Student Researcher at the University of Pennsylvania School of Medicine

September 2012 to May 2013. Philadelphia, PA.

Conducted research in laboratories in three rotations as part of doctoral program in immunology. Research topics included immunogenetics of systemic lupus erythematosus, interferon-based HIV treatment, and evolutionary adaptive immunology.

Senior Research Technician at the University of New Mexico's Center for Evolutionary and Theoretical Immunology

January 2011 to August 2012. Albuquerque, NM.

Laboratory management role in conjunction with role on several research projects on comparative evolutionary immunology, with a focus on marsupial mammals.

IV. TECHNICAL SKILLS

1. Strongly proficient in R, Stata, Tableau, and Excel.
2. Experience implementing innovative solutions for analyzing, visualizing, wrangling, and managing complex data.
3. Demonstrated proficiency in statistical modeling and quantitative analyses, using large datasets (millions of observations) for health program evaluation and research publications.

4. Experience developing data visualization platforms for public audiences and internal institutional use, using R Shiny, Salesforce, and Tableau.
5. Strong and effective writer, including for peer-reviewed journals, policy briefs, op-eds, journalism, and technical documents.
6. Website development with HTML and D3.js.
7. Oral and written proficiency in French.

V. PROFESSIONAL ACTIVITIES AND TRAININGS

1. Introduction to Outbreak Analytics using R (Short Course). London School of Tropical Medicine and Hygiene. November 2020.
2. Member of the Private Foundations Delegation to the Global Fund Board. September 2016 to December 2018.
3. Referee/reviewer: *American Journal of Public Health*, *Journal of AIDS*.

VI. REFEREED PUBLICATIONS

1. Honermann B, **Sharp A**, Sherwood J, Kshetry P, Jones A, O'Hagan R, Lazar L, Chandra C, Hoffmann C, Millett G. Calculating indirect costs from international PEPFAR implementing partners. *PLOS One*. 2018 Oct; 13(10):e0206425.
2. Sherwood J, **Sharp A**, Honermann B, Horrigan C, Chatterjee M, Jones A, Cooney C, Millett G. Mapping the impact of the expanded Mexico City Policy for HIV/family planning service integration in PEPFAR-supported countries: A risk index. *BMC Public Health*. 2018; 18(1116).
3. **Sharp A**, Donahoe JT, Milliken A Barocio J, Charalambous S, McLaren Z. Do incarcerated populations serve as a reservoir for tuberculosis in South Africa? *Am J Trop Med Hyg*. 2018 Oct 1.
4. McLaren Z, **Sharp A**, Brouwer E, Nanoo A. The impact of AIDS treatment on tuberculosis detection at the national level in South Africa. *Am J Trop Med Hyg*. 2018 Oct 1.
5. **Sharp A**, Jones A, Sherwood J, Kutsa O, Honermann B, Millett G. Impact of Medicaid expansion on access to opioid analgesic medications and medication-assisted treatment. *Am J Public Health*. 2018 May; 108(5):642-8.
6. Sherwood J, **Sharp A**, Cooper B, Roose-Snyder B, Blumenthal S. HIV/AIDS National Strategic Plans of sub-Saharan African countries: an analysis for gender-equality and sex-disaggregated HIV targets. *Health Policy Plann*. 2017 Dec; 32(10):1361–1367.
7. McGillen JB, **Sharp A**, Honermann B, Millett G, Collins C, Hallett TB. Consequences of a changing U.S. strategy in the global AIDS investment landscape. *AIDS*. 2017 Nov; 31(18):F19-23.
8. **Sharp A**, O'Hagan R, Honermann B, Millett, G. Setting targets for HIV: an evaluation of indicator quality and target achievement in National Strategic Plans. *JAIDS*. 2017 Dec 1; 76(4):348-55.
9. McLaren ZM, **Sharp A**, Hessburg JP, Sarvestani AS, Parker E, Akazili J, Johnson TRB, Sienko KH. Cost effectiveness of medical devices to diagnose pre-eclampsia in low-resource settings. *Dev Eng*. 2017; 2:99-106.
10. McLaren ZM, **Sharp A**, Zhou J, Wasserman S, Nanoo A. Assessing healthcare quality using routine data: evaluating the performance of the National Tuberculosis Program in South Africa. *Trop Med Int Health*. 2017 Feb;22(2):171-179.
11. McLaren ZM, Milliken AA, Meyer AJ, **Sharp A**. Does directly observed therapy improve tuberculosis treatment? More evidence is needed to guide tuberculosis policy. *BMC Infect Dis*. 2016 Oct 4;16(1):537.

12. McLaren ZM, Schnippel K, **Sharp A**. A data-driven evaluation of the Stop TB Global Partnership strategy of targeting key populations at greater risk for tuberculosis. *PLOS One*. 2016; 11(10): e0163083.
13. Okoboi S, Ssali L, Yansaneh AI, Bakanda C, Birungi J, Egessa A, Kalibala S, Lyavala JO, **Sharp A**, Onyango FO. Factors associated with long-term antiretroviral therapy retention among adolescents in rural Uganda: a retrospective study. *J Int AIDS Soc*. 2016; 19(Suppl 4):20841.
14. Krasnec KV, **Sharp A**, Williams TL, Miller RD. The opossum MHC genomic region revisited. *Immunogenetics*. 2015; 67(4):259-64.
15. Wang X, **Sharp A**, Miller RD. Early postnatal B cell ontogeny and antibody repertoire maturation in the opossum, *Monodelphis domestica*. *PLOS One*. 2012;7(9):e45931.
16. Osborne MO, **Sharp A**, Monzingo J, Propst DL, Turner TF. Genetic analysis suggests high conservation value of peripheral populations of Chihuahua chub (*Gila nigrescens*). *Conserv Genet*. 2012;13(5):1317-1328.
17. Parra ZE, Baker ML, Hathaway J, Lopez A, Trujillo J, **Sharp A**, Miller RD. Comparative genomic analysis and evolution of the T cell receptor loci in the opossum *Monodelphis domestica*. *BMC Genomics*. 2008 Feb 29;9:111.

VII. RESEARCH PRESENTATIONS

1. **Sharp A**, Jones A, Sherwood J, Honermann B, Millett G. Applying the Global Fund allocation formula – are the data driving allocations? 2018. International AIDS Conference. Amsterdam, Netherlands. Poster presentation.
2. **Sharp A**. HIV and Opioids. 2018. South Central Aids Education and Training Center (SCAETC) 2nd Annual Conference. Galveston, TX. Oral presentation.
3. **Sharp A**, Honermann B, Jones A, Millett G. 220 vulnerable counties: One year later. 2018. Conference on Retroviruses and Opportunistic Infections (CROI). Boston, MA. Poster presentation.
4. **Sharp A**. The Opioid Crisis, HIV/AIDS and Hepatitis C: Interconnected Epidemics in America. 2017. Association of Nurses in AIDS Care. Dallas, TX. Oral presentation.
5. **Sharp A**, O’Hagan R, Honermann B, Blumenthal S, Millett G. 2017. Quality assessment of national strategic plan targets. International AIDS Conference. Paris, France. Poster presentation.
6. **Sharp A**, O’Hagan R, MacAllister J, Honermann B, Blumenthal S, Millett G. 2017. Global Fund funding transition readiness in middle-income countries. International AIDS Conference. Paris, France. Poster presentation.
7. McLaren Z, **Sharp A**, Brouwer E, Nanoo A. 2015. The impact of AIDS treatment on tuberculosis outcomes at the national level in South Africa. The 46th Union World Conference on Lung Health. Cape Town, South Africa. Poster presentation.
8. McLaren Z, **Sharp A**, Zhou J, Nanoo A. 2015. Compliance with tuberculosis diagnostic guidelines in South African public health facilities. The 46th Union World Conference on Lung Health. Cape Town, South Africa. Poster presentation.
9. **Sharp A**, Cheng A, Harris E, Borse NN. 2015. Building local capacity to conduct Implementation Science: USAID’s HIV IS portfolio. The 8th Annual Conference on the Science of Dissemination and Implementation. Washington, DC. Poster presentation.

VIII. REPORTS & POPULAR PRESS

1. Title X, the Domestic Gag Rule, and the HIV Response. February 2019. amfAR. Available online at <https://goo.gl/x5sHVC>.

2. McLean D, Israel J. The Trump administration is paying Focus on the Family to stop the AIDS epidemic in South Africa. April 18, 2018. *Think Progress*. Available online at <https://goo.gl/375gCw>.
3. Toward an Effective Strategy to Combat HIV, HCV, and the Opioid Epidemic. March 2018. amfAR. Available online at <https://goo.gl/dLuUCH>.
4. Sharp A. Effective addiction treatment requires good health coverage. March 23, 2018. *The Hill*. Available online at <https://goo.gl/oZFaiZ>.
5. Buhl L. amfAR's Opioid and Health Indicators Database. 14 March, 2018. *A&U Magazine*. Available online at <https://goo.gl/MW2TuV>.
6. Lopez G. To understand why America's opioid epidemic keeps getting worse, just look at this map. Jan 10, 2018. *Vox*. Available online at <https://goo.gl/prnEJX>.
7. Jones A, Honermann B, Sharp A, Millett G. Where multiple modes of medication-assisted treatment are available. *Health Affairs Blog*. 2018 Jan 9.
8. Melville NA. Opioid crisis inflaming Hep C, HIV in hard-hit communities. Nov 8, 2017. *Medscape*. Available online at <https://goo.gl/sHwkbT>.
9. Ehley B. From opioids to HIV — a public health threat in Trump country. Oct 21, 2017. *Politico*. Available online at <https://goo.gl/4ACByc>.
10. Elster N. AIDS and Trump's Global Gag Rule. Sep 11, 2017. *Broken Toilets*. Available online at <https://goo.gl/u9QrTi>.
11. Green A. HIV advocates fear US cuts and 'gag rule' could undermine global progress. Jul 28, 2017. *Devox*. Available online at <https://goo.gl/RSovrZ>.
12. Gupta R, Sharp A. How budget cuts will turn opioid addiction into the next AIDS epidemic. Jun 15, 2017. *The Hill*. Available online at <https://goo.gl/md4DhR>.
13. Q&A: What malaria and TB can teach us about HIV. Mar 13, 2017. *Healio Infectious Disease News*. Available online at <https://goo.gl/JPk9kM>.
14. How cures can fail. January 2017. amfAR. Available online at <https://goo.gl/2HtXlK>.