

Katherine M. Tote

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EDUCATION

Current **PhD, History** | *University at Albany, SUNY, Albany, NY*

Concentrations: United States; environmental history; history of medicine; science and technology

2018 **MPH, Epidemiology** | *Rollins School of Public Health, Emory University, Atlanta, GA*

Thesis: Hormonal contraception and the risk of genital tract infections among a cohort of HIV serodiscordant couples in Lusaka, Zambia

Committee: Lisa Haddad, Kristin Wall (Chair)

2015 **BA, Sociology, Cum Laude** | *State University of New York at Plattsburgh, Plattsburgh, NY*

Minors: English, Cultural Anthropology

PUBLICATIONS

Peer Reviewed

1. Ansari B, **Tote KM**, Martin EG, Rosenberg ES. A Rapid Review of the Impact of Systems-Level Policies and Interventions on Population-Level Outcomes Related to the Opioid Epidemic, United States and Canada, 2014-2018. *Public Health Reports*. 2020; 135(1_suppl): 100S-127S.
2. **Tote KM**, Bradley H, Martin EG, Yucel R, Rosenberg ES. Factors Associated with Incomplete Toxicology Reporting in Drug Overdose Deaths, 2010-2016. *Annals of Epidemiology*. 2019; 38: 65-69.
3. Haddad LB, Wall KM, **Tote KM**, Kilembe W, Vwalika B, Sharkey T, Brill I, Chomba E, Tichacek A, Allen S. Hormonal Contraception and Vaginal Infections Among Couples Who Are Human Immunodeficiency Virus Serodiscordant in Lusaka, Zambia. *Obstetrics and Gynecology*. 2019; 134(3): 573-580.
4. **Tote KM**, Raziano VT, Wall KM, Cordes S, Ofotokun I, Haddad LB. Contraceptive method use among HIV-positive women in a US urban outpatient clinic: an exploratory cross-sectional study. *Contraception*. 2018; 98(6): 492-497.

Book Reviews

1. **Tote, Katherine M.** Review of *Shipwrecked: Coastal Disasters and the Making of the American Beach* by Jamin Wells. *Connecticut History Review*. Upcoming.
2. **Tote, Katherine M.** Review of *Vaccine Hesitancy: Public Trust, Expertise, and the War on Science* by Maya J. Goldenberg. *H-Net Socialisms*. Upcoming.

PRESENTATIONS

Oral (Panel)

- 2021 **Tote KM**, *Postmortem Inequalities: Social and Spatial Disparity in National Mortality Surveillance Data* in panel *Inclusion and Its Consequences: The Politics of Diversity and Recognition in Health Data Projects*. 4S (Society for Social Studies of Science) Annual Meeting, Virtual, October 2021 (Upcoming).
- Tote KM**, *The Albany Pine Bush, a Landscape of Modernity: Rethinking the 'Ecosystem' in the Anthropocene* in panel *Governing Environmental Inequalities: Towards a New Research-Action Framework on Agency, Power & Multispecies Justice*. 4S (Society for Social Studies of Science) Annual Meeting, Virtual, October 2021 (Upcoming).

Oral (Individual)

2019 **Tote KM**, Bradley H, Martin EG, Yucel R, Rosenberg ES. *The impact of missing toxicology reports on overdose death surveillance: 2010-2016*. The American College of Epidemiology Annual Meeting, Pasadena, CA, September 2019.

Poster

2020 Ansari B, **Tote KM**, Martin EG, Rosenberg ES. *A Rapid Review of the Effectiveness of System-Level Policies and Interventions on Opioid Use, Overdose, and Mortality*. Academy Health Annual Research Meeting, Boston, MA, June 2020.

2019 Martin EG, **Tote KM**, Bradley H, Yucel R, Rosenberg ES. *How Much Do We Really Know about Drug Overdose Deaths? Correlates of Incomplete Toxicology Reporting in the United States, 2010-2016*. The Association for Public Policy Analysis and Management Fall Research Conference, Denver, CO, November 2019.

2018 **Tote KM**, Raziano VT, Haddad LB, Wall KM. *Factors associated with contraceptive method choice among HIV+ women: A cross sectional study*. The American College of Obstetricians and Gynecologists Annual Clinical and Scientific Meeting, Austin, TX, April 2018.

Tote KM, Raziano VT, Haddad LB, Wall KM. *High efficacy contraceptive method use among HIV-positive women in a US urban outpatient clinic*. The 8th International Workshop on HIV & Women, Boston, MA, March 2018.

SELECTED EXPERIENCE

10/2019 - Present

**Program Research Specialist III (10/20 - Present), Research Scientist II (10/19 - 10/20)
New York State Dept. of Health (Albany, NY)**

- *PRS III, Data Analysis Unit, Bureau of HIV/AIDS Epidemiology, AIDS Institute*
 - Performed ad hoc, routine, and time-sensitive analyses of highly confidential HIV surveillance data; prepared annual and special reports for internal and public use; generated metrics for annual Ending the Epidemic (EtE) reporting
 - Volunteered to perform additional duties related to COVID-19 vaccine administration, including data analyses and providing urgent assistance to patients and medical providers
- *RS II, Division of Healthcare Innovation, Office of Quality and Patient Safety*
 - Cleaned and analyzed COVID-19 hospitalization data for research applications; assisted with COVID-19 data collection and quality assurance from nursing home and assisted living facilities
 - Developed methods for and performed quality evaluation for the annual legislative report on the NYS Patient Centered Medical Home program; performed additional research examining impacts on at-risk subpopulations; implemented routine data quality checks and assisted with preparation of monthly evaluation reports; performed ad hoc data requests for external and internal stakeholders utilizing Medicaid claims databases

06/2018 - 10/2019

Senior Research Support Specialist

Department of Epidemiology and Biostatistics, University at Albany, SUNY (Albany, NY)

- *CDC-NCHHSTP Epidemiologic and Economic Modeling Agreement (NEEMA)*
 - Developed and led decision-tree model analysis of nationwide Hepatitis B mortality, morbidity, and cost burden; contributed to HBV vaccine strategy cost-effectiveness models used to inform ACIP policy recommendations

- *New York State Hepatitis C Elimination Initiative*
 - Contributed to conceptualization and development of protocol, IRB, and survey questionnaire used in statewide cohort study of injection drug users; utilized novel methods to quantify Hepatitis C burden in New York State, with focus on incarcerated populations and previously unquantified age-group specific prevalence
- *Additional Research Support*
 - Led and contributed to various projects focused on the intersection of infectious disease, the opioid epidemic, and health policy

08/2016 - 05/2018

Graduate Research Assistant / Internship Positions***Dept. of Epidemiology, Rollins School of Public Health, Emory University (Atlanta, GA)***

- 2017-18 - Supervised by Dr. Kristin Wall: Provided analysis and research support for various projects focused on contraception, family planning, and women living with HIV
- 2016-17 - As part of PRISM Health: recruited study participants, entered and quality-checked data, and assisted with study visits for the Ele[men]t Study, focused on HIV, sexual risk behavior, and substance use among Black MSM

Mental Health Program - Liberia, the Carter Center (Atlanta, GA)

- 2017-18 - Analyzed qualitative and quantitative field data; assisted in preparation of quarterly evaluation reports; developed analytic plan for end-of-grant program evaluation

Equal Access International - Nepal (Kathmandu, Nepal)

- 2017 - Contributed to program evaluation and developed longitudinal models to predict the trajectory of behavior change throughout the course of a multicomponent social behaviour change communication strategy to reduce intimate partner violence among married couples in rural Nepal

Viral Hepatitis, Acute Disease Division, Georgia Department of Public Health

- 2017 - Maintained the accuracy of Hepatitis C records in State Electronic Notifiable Disease Database (SendSS) and established regular contact with district epidemiologists to ensure accurate case reporting and appropriate patient follow up

07/2015 - 04/2016

Volunteer Coordinator (AmeriCorps Volunteer)***Rebuilding Together New York City (Brooklyn, NY)***

- Identified and connected with potential partner organizations to form relationships and recruit volunteers who contributed over \$100K in annual labor; maintained Salesforce database to track and analyze volunteer hours to create strategies for continuous outreach and volunteer retention and understand community impact
- Designed and conducted volunteer trainings and orientations, developed monthly newsletters, fact sheets, and one-pagers for distribution online and at community events

TEACHING EXPERIENCE

Spring 2018 Teaching Assistant, GH 503: Applied Survey Methodology (70 students)
 Fall 2017 Teaching Assistant, EPI 550: Epidemiology and Dynamics of HIV/STD Transmission (20 students)
 Fall 2012 Teaching Assistant, JOU 324: Travel Writing (15 students)

AWARDS, HONORS, & SCHOLARSHIPS

2021 **College of Arts and Sciences Graduate Tuition Fellowship**, University at Albany, SUNY

2017 **Global Field Experience Award**, Rollins School of Public Health, Emory University

2016 **AmeriCorps Scholarship**, Rollins School of Public Health, Emory University

2012 **Alpha Kappa Delta**, SUNY Plattsburgh
Omicron Delta Kappa, SUNY Plattsburgh

2011 **Alpha Psi Omega**, SUNY Plattsburgh
Phi Eta Sigma, SUNY Plattsburgh

2010 **New York State Academic Excellence Scholarship**, NYS Higher Education Services Corporation
Freshmen Academic Excellence Scholar, SUNY Plattsburgh

SERVICE

2021 - 2022 Graduate Student Association Representative, History Department Graduate Student Organization, University at Albany, SUNY

Peer Reviewer: *Drug and Alcohol Dependence, Journal of Pain Research*