

# EMMA M. GORIN, MSPH

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## Education

**Columbia University Mailman School of Public Health**

Started September 2020

*PhD in Environmental Health Sciences*

**Johns Hopkins Bloomberg School of Public Health, Baltimore, MD**

May 2019

*Master of Science in Public Health, Global Disease Epidemiology and Control*

Selected coursework: Epidemiology of Infectious Diseases; Concepts and Methods in Infectious Disease Epidemiology; Epidemiologic Inference in Outbreak Investigations; Infectious Disease Dynamics: Theoretical and Computational Approaches; Infectious Diseases and Child Survival; Vaccine Development and Application; Global Disease Control Programs and Policy; Epidemiological Methods (3 course series); Statistical Methods (4 course series); Spatial Analysis: ArcGIS; Spatial Statistics; Causal Inference in Medicine and Public Health; Stata Programming; Introduction to the SAS Statistical Package

**Wesleyan University, Middletown, CT**

May 2012

*BA with honors in Philosophy*

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## Experience

**Case Investigator/Contact Tracer I**

May 2020-August 2020

*New York City Health and Hospitals Test and Trace Program*

- Followed up with individuals who tested positive for COVID-19 in English and Spanish
- Collected demographic and health information and details on recent contacts and provided guidance on isolation and referrals to resources

**Data Science Specialist (per diem)**

April 2019 – February 2020

*Johns Hopkins School of Public Health Department of Environmental Health and Engineering, Baltimore, MD*

- Collaborated with Dr. Natalie Exum and Dr. Kellogg Schwab on a paper using data from the PMA2020 survey to examine sanitation trends in Rajasthan, India and identify factors associated with open defecation among households with toilet access
- Planned and carried out data analyses, cleaning, and visualization, including developing code to be shared publicly to ensure reproducibility. Stata code I wrote for this project can be found at: <https://osf.io/c84fm/>
- Contributed to manuscript and abstract writing and editing

**Private Stata Tutor (per diem)**

April 2019 – May 2019

*Baltimore, MD*

- Provided tutoring for the JHSPH Stata Programming course
- Covered topics including defining and using macros, writing programs, and data visualization

**Global Health Established Field Placement (GHEFP) Awardee**

July 2018 – December 2018

*Johns Hopkins Center for Global Health, Yaoundé, Cameroon*

- Collaborated with the Continuum of Prevention, Care and Treatment of HIV/Aids with Most-At Risk Populations in Cameroon (CHAMP) program and JHU Key Populations Program
- Developed national guidelines for HIV self-testing implementation

- Led training in use of Power BI software for the CHAMP monitoring and evaluation team
- Supported reporting for PEPFAR, including producing data visualizations, revising and editing reports
- Carried out data cleaning and HIV incidence calculations using data from a recent cohort study to support grant writing

**Research Assistant (per diem)**

March 2018 – March 2019

*Johns Hopkins School of Public Health Department of Epidemiology, Baltimore, MD*

- Contributed to manuscript revision and editing for the Key Populations Program at the Center for Public Health and Human Rights
- Contributed to a systematic review on HIV interventions through the Ending AIDS in West Africa (EAWA) program

**Clinical Research Coordinator**

October 2016 – July 2017

*Children's National Medical Center, Washington, DC*

- Oversaw recruitment efforts at the DC site for ORBEX, a randomized, placebo-controlled, multicenter study to evaluate the use of Broncho-Vaxom for prevention of wheezing in young children
- Recruited participants, administered informed consent, conducted interviews, carried out study procedures, completed data entry, and managed study records for ORBEX and for two multicenter studies through the Inner-City Asthma Consortium (ICAC)
- Collaborated with study clinicians, pharmacy and emergency department staff, and asthma educators
- Performed allergy testing, spirometry, and lung function testing

**Princeton in Latin America Fellow**

June 2015 – June 2016

*Hospitalito Atitlán, Santiago Atitlán, Guatemala*

- Conducted research in the field for a diabetes prevalence study with team from the University of Pennsylvania including interviewing 100 participants throughout Sololá
- Coordinated and facilitated workshops on diabetes for over 600 students and managed implementation data for over 2000 participants
- Coordinated continuing medical education courses for clinicians and orientations for medical volunteers
- Wrote and designed newsletters and the annual report, and contributed to grant reporting efforts
- Interpreted (English/Spanish) for medical volunteers and international medical teams
- Assisted with service delivery and diabetes outreach in remote communities throughout Sololá

**Teen Pregnancy Prevention Program Co-Coordinator**

January 2015 – May 2015

*Committee for Hispanic Children and Families, New York, NY*

- Ensured fidelity to program work plan
- Managed program budget
- Represented CHCF in the Bronx Teens Connection Community Action Team
- All health educator responsibilities listed below

**Teen Pregnancy Prevention Program Health Educator**

September 2012 – January 2015

*Committee for Hispanic Children and Families, New York, NY*

- Managed, recruited and trained team of ten peer educators; designed comprehensive training program
- Implemented evidence-based sexual education curricula for high school students in English and Spanish
- Collected implementation data for research conducted by the New York State Department of Health
- Supervised program intern in development and implementation of a curriculum on healthy relationships
- Served as primary liaison for teachers, administrators, parents and students at three high schools

- Established and maintained collaborations with two new high schools

## Intern

June 2011 – August 2011

*Brazos Abiertos, Mérida, Mexico*

- Led weekly lessons in Spanish with local youth on sexual health, HIV/AIDS, and empowerment
- Developed lesson plans for the organization's education program
- Performed HIV testing at outreach events throughout the region

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## Scholarship

### Published

Footer, K., Windle, M., Ferguson, L., Hatcher, J., Lyons, C., **Gorin, E.**, Stangl, A., Golub, S., Gruskin, S., Baral, S. (2018). A Meta-Narrative Literature Synthesis and Framework to Guide Future Evaluation of Legal Empowerment Interventions. *Health and Human Rights*. 20. 65-84.

Exum, N. G., **Gorin, E. M.**, Sadhu, G., Khanna, A., & Schwab, K. J. (2020). Evaluating the declarations of open defecation free status under the Swachh Bharat ('Clean India') Mission: Repeated cross-sectional surveys in Rajasthan, India. *BMJ Global Health*, 5(3), e002277. <https://doi.org/10.1136/bmjgh-2019-002277>

### In Preparation

**Gorin, E.**, Lyons, C., Jarrett, B., Baral, S. Mobility and HIV vulnerabilities among female sex workers in Guinea-Bissau: findings from an integrated bio-behavioral survey

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## Selected Professional Training

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| • REDCap 101 and REDCap 102, <i>CNMC</i>                                       | February 2017 |
| • Biomedical Research, <i>CITI</i>   | October 2016  |
| • Good Clinical Practice, <i>CITI</i>  | October 2016  |
| • Fundamentals of GIS, <i>University of California, Davis through Coursera</i> | July 2016     |
| • Supervising Sexual Health Educators, <i>ACT4Youth</i>                        | January 2015  |
| • Making Strides Across the Cultural Competency Continuum, <i>Act4Youth</i>    | June 2014     |
| • Training of Trainers: Building Your Group Facilitation Skills, <i>PPNYC</i>  | October 2013  |

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## Skills

**Language:** Native English, fluent Spanish, conversational French

**Software:** Stata, R, SAS, ArcGIS, RedCap, PowerBI, Microsoft Office

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