



## Jenna Forsyth

Academic Program Professional, Medicine - Med/Infectious Diseases

### Bio

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#### BIO

Jenna is a research scientist with the School of Medicine and affiliated with the King Center for Global Development, the Woods Institute for the Environment and the Doerr School of Sustainability. She completed her PhD with the Emmett Interdisciplinary Program in Environment and Resources and obtained her Master's in Civil and Environmental Engineering from the University of Washington. Her research brings together principles of environmental science, epidemiology, and behavior change. She develops and evaluates interventions to minimize exposures to contaminants and disease vectors in low-income countries. Her most recent research has focused on lead exposure in South Asia.

#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

### Publications

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#### PUBLICATIONS

- **Food safety policy enforcement and associated actions reduce turmeric lead chromate adulteration across Bangladesh.** *Environmental research*  
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- **Assessing Analytical Methods for the Rapid Detection of Lead Adulteration in the Global Spice Market.** *Environmental science & technology*  
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- **Rapid Market Screening to assess lead concentrations in consumer products across 25 low- and middle-income countries.** *Scientific reports*  
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- **Reductions in spike lead levels in the republic of Georgia: 2020-2022.** *Environmental research*  
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- **Larval source reduction with a purpose: Designing and evaluating a household- and school-based intervention in coastal Kenya.** *PLoS neglected tropical diseases*  
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2022; 16 (4): e0010199
- **COLLECTING TRASH FOR PROFIT TO REDUCE VECTOR BREEDING SITES IN SOUTH COAST KENYA**  
Mutuku, F. M., Kibe, L., Krystosik, A., Dzoga, M., Ratanya, S., Njoroge, G., Forsyth, J., Forsyth, J., LaBeaud, A.  
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- **Effects of the COVID-19 pandemic on caregiver mental health and the child caregiving environment in a low-resource, rural context.** *Child development*  
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- **Source reduction with a purpose: Mosquito ecology and community perspectives offer insights for improving household mosquito management in coastal Kenya.** *PLoS neglected tropical diseases*  
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Krystosik, A. R., Curtis, A., Mutuku, P., Bempah, S., Ajayakumar, J., Odhiambo, L., Bisanzio, D., Forsyth, J., Mwashee, L., Adamz, B., Mutuku, F., LaBeaud, A.  
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- **LARVAL SOURCE REDUCTION WITH A PURPOSE: DESIGNING AND EVALUATING A SCHOOL AND COMMUNITY INTERVENTION IN COASTAL KENYA**

Forsyth, J., Mutuku, F., Kibe, L., Mwashee, L., LaBeaud, D.

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- **UNDERSTANDING THE COMMUNITY CONTEXT OF Aedes aegypti MOSQUITO BREEDING IN COASTAL KENYA: IMPLICATIONS FOR CONTROL**

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