

# Stanford

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## 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

- **Assessing Analytical Methods for the Rapid Detection of Lead Adulteration in the Global Spice Market.** *Environmental science & technology* Lopez, A. M., Nicolini, C. M., Aeppli, M., Luby, S. P., Fendorf, S., Forsyth, J. E. 2022
- **Lead exposure and antisocial behavior: A systematic review protocol.** *Environment international* Shaffer, R. M., Forsyth, J. E., Ferraro, G., Till, C., Carlson, L. M., Hester, K., Haddock, A., Strawbridge, J., Lanfear, C. C., Hu, H., Kirrane, E. 2022; 168: 107438
- **Sources of Blood Lead Exposure in Rural Bangladesh** *ENVIRONMENTAL SCIENCE & TECHNOLOGY* Forsyth, J. E., Weaver, K. L., Maher, K., Islam, M., Raqib, R., Rahman, M., Fendorf, S., Luby, S. P. 2019; 53 (19): 11429–36
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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* Forsyth, J. E., Kempinsky, A., Pitchik, H. O., Alberts, C. J., Mutuku, F. M., Kibe, L., Ardooin, N. M., LaBeaud, A. D. 2022; 16 (4): e0010199

- **COLLECTING TRASH FOR PROFIT TO REDUCE VECTOR BREEDING SITES IN SOUTH COAST KENYA**

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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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- **Making the invisible visible: developing and evaluating an intervention to raise awareness and reduce lead exposure among children and their caregivers in rural Bangladesh.** *Environmental research*

Jahir, T., Pitchik, H. O., Rahman, M., Sultana, J., Shoab, A. K., Nurul Huda, T. M., Byrd, K. A., Islam, M. S., Yeasmin, F., Baker, M., Yeasmin, D., Nurunnahar, S., Luby, et al  
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- **A holistic approach to promoting early child development: a cluster randomised trial of a group-based, multicomponent intervention in rural Bangladesh.** *BMJ global health*

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- **Child lead exposure near abandoned lead acid battery recycling sites in a residential community in Bangladesh: risk factors and the impact of soil remediation on blood lead levels.** *Environmental research*

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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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- **ENGAGING YOUNG PEOPLE AS AGENTS OF CHANGE: A SCHOOL-BASED INTERVENTION TO REDUCE ARBOVIRUS TRANSMISSION - ONE YEAR FOLLOW-UP INTERVIEWS**

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- **Solid Wastes Provide Breeding Sites, Burrows, and Food for Biological Disease Vectors, and Urban Zoonotic Reservoirs: A Call to Action for Solutions-Based Research.** *Frontiers in public health*

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- **LARVAL SOURCE REDUCTION WITH A PURPOSE: DESIGNING AND EVALUATING A SCHOOL AND COMMUNITY INTERVENTION IN COASTAL KENYA**

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

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