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Klamon/Winston Award
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# Evaluating the influence of a piped water network on water quality and the gut microbiome

My research interests are in exposure assessment in WASH, enteric diseases, water quality, and the gut microbiome in international settings. My dissertation project explores the impact of water quality on the composition and development of the gut microbiome among infants in Beira, Mozambique.

### WATER & CHILD HEALTH

#### 771 MILLION

People lack access to basic drinking water globally

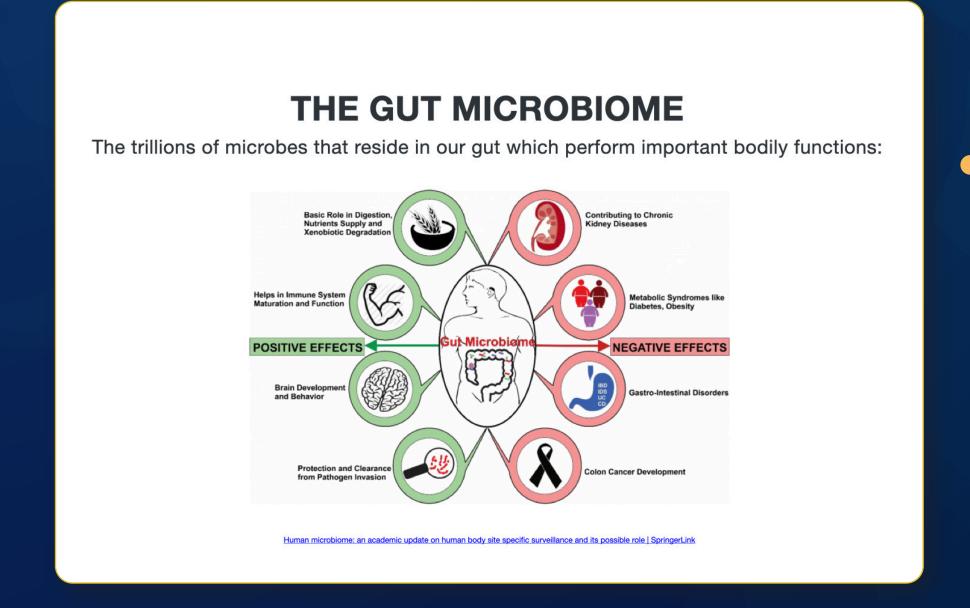
#### 1.1 BILLION

Cases of diarrhea in children under 5 annually

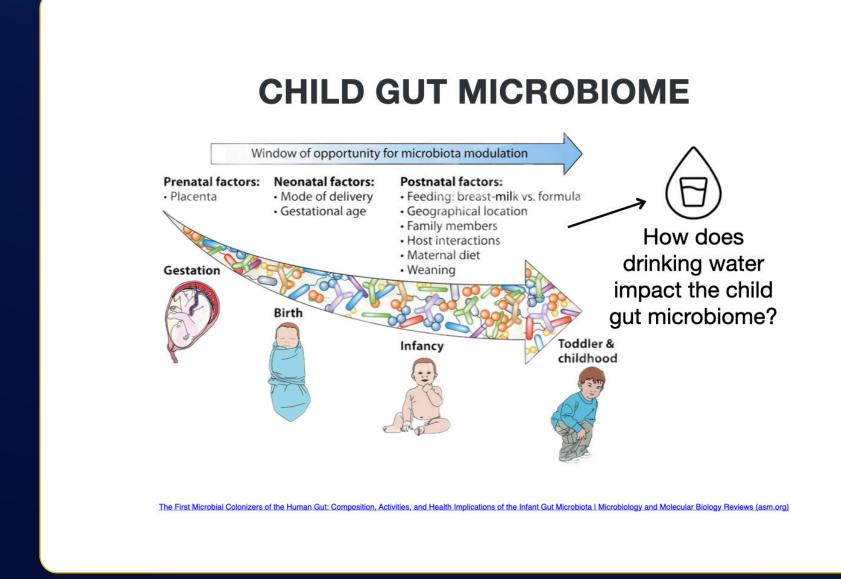
#### 446,000

Deaths from infection in children under 5 annually





Gaps in Knowledge



01

The impact of large-scale water interventions in low-income settings?

#### 02

The impact of drinking water on the child gut microbiome?



How to improve our methods for exposure assessment in water, sanitation, and hygiene research?

