Kristen Aiemjoy on Defining Diarrhea: Validating and improving symptoms-based measures of pediatric diarrhea

Date
Friday, June 1, 2018 - 12:30pm to 2:00pm
DEB First Friday Seminar
Location
MH-1401/1402
Map [1]

Kristen Aiemjoy, MSc PhD(c) Doctoral Candidate, Department of Epidemiology & Biostatistics, NRSA Fellow, National Institute of Child Health and Development

Title: Defining Diarrhea: Validating and improving symptoms-based measures of pediatric diarrhea

Summary: Diarrhea is a major contributor to global child morbidity and mortality with an estimated 2 billion cases and 525,000 deaths every year. Most epidemiologic studies, surveillance programs and trials measure diarrhea using caregiver-reported symptoms. For her dissertation work, Kristen conducted a large validation study of caregiver-reported stool consistency within two clinical trials in the Amhara region of Ethiopia. She used the resulting misclassification estimates to adjust for measurement error and also explored variation in viral species richness across stool consistency types.