

Stanford



Kristen Aiemjoy

Postdoctoral Research Fellow, Infectious Diseases

Bio

BIO

Dr. Aiemjoy is an infectious disease epidemiologist with interests in diarrheal disease, measurement, diagnostics, and sero-epidemiology. She is currently working on evaluating serological markers for Salmonella Typhi and Paratyphi infection as part of the Sero-Epidemiology and Environmental Surveillance (SEES) study in Nepal, Pakistan and Bangladesh.

HONORS AND AWARDS

- National Institute of Health (NIH) Loan Repayment Program Award, National Institute of Allergy and Infectious Diseases (NIAID) (2019-2021)
- Ruth L. Kirschstein National Research Service Award Individual Fellowship (F31HD088070), National Institute of Health (NIH) National Institute of Child Health and Development (NICHD) (2016-2018)
- Travel Award, American Society of Tropical Medicine and Hygiene & The Bill and Melinda Gates Foundation (2018)
- Dissertation Award, American Association of University Women (AAUW) (2017)
- Research Award, ALTA Foundation (2016)
- Award for Excellence in Teaching, UCSF Training in Clinical Research Program (2015)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Francisco, Epidemiology (2018)
- Master of Science, London School of Hygiene and Tropical Medicine, Public Health (2011)
- Bachelor of Science, Georgetown University, Foreign Service (2010)

STANFORD ADVISORS

- Jason Andrews, Postdoctoral Faculty Sponsor
- Jason Andrews, Postdoctoral Research Mentor

Research & Scholarship

PROJECTS

- Sero-Epidemiology and Environmental Surveillance (SEES) - Stanford University (2018 - 2020)
- Surveillance for Enteric Fever in Asia Project (SEAP) - Stanford University (2016 - 2022)
- Integrated serologic surveillance for infectious disease transmission and vaccine-acquired immunity by fingerstick dried blood spots - Stanford University (2019 - 2021)

Publications

PUBLICATIONS

- **Viral species richness and composition in young children with loose or watery stool in Ethiopia.** *BMC infectious diseases*
Aiemjoy, K., Altan, E., Aragie, S., Fry, D. M., Phan, T. G., Deng, X., Chanyalew, M., Tadesse, Z., Callahan, E. K., Delwart, E., Keenan, J. D.
2019; 19 (1): 53
- **DEFINING DIARRHEA: A POPULATION-BASED VALIDATION STUDY OF CAREGIVER-REPORTED STOOL CONSISTENCY IN THE AMHARA REGION OF ETHIOPIA**
Aiemjoy, K., Aragie, S., Gebresillasie, S., Fry, D., Dagne, A., Hailu, D., Chanyalew, M., Tadesse, Z., Stewart, A., Callahan, K., Freeman, M., Neuhaus, J., Arnold, et al
AMER SOC TROP MED & HYGIENE.2018: 246
- **Linear growth in preschool children treated with mass azithromycin distributions for trachoma: A cluster-randomized trial.** *PLoS neglected tropical diseases*
Keenan, J. D., Gebresillasie, S., Stoller, N. E., Haile, B. A., Tadesse, Z., Cotter, S. Y., Ray, K. J., Aiemjoy, K., Porco, T. C., Callahan, E. K., Emerson, P. M., Lietman, T. M.
2019; 13 (6): e0007442
- **Enteric virome of Ethiopian children participating in a clean water intervention trial** *PLOS ONE*
Altan, E., Aiemjoy, K., Pha, T. G., Deng, X., Aragie, S., Tadesse, Z., Callahan, K. E., Keenan, J., Delwart, E.
2018; 13 (8): e0202054
- **Is Using a Latrine "a Strange Thing To Do"? A Mixed -Methods Study of Sanitation Preference and Behaviors in Rural Ethiopia** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Aiemjoy, K., Stoller, N. E., Gebresillasie, S., Shiferaw, A., Tadesse, Z., Sewent, T., Ayele, B., Chanyalew, M., Aragie, S., Callahan, K., Stewart, A., Emerson, P. M., Lietman, et al
2017; 96 (1): 65–73
- **Epidemiology of Soil-Transmitted Helminth and Intestinal Protozoan Infections in Preschool-Aged Children in the Amhara Region of Ethiopia** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Aiemjoy, K., Gebresillasie, S., Stoller, N. E., Shiferaw, A., Tadesse, Z., Chanyalew, M., Aragie, S., Callahan, K., Keenan, J. D.
2017; 96 (4): 866–72
- **'If an Eye Is Washed Properly, It Means It Would See Clearly': A Mixed Methods Study of Face Washing Knowledge, Attitudes, and Behaviors in Rural Ethiopia** *PLOS NEGLECTED TROPICAL DISEASES*
Aiemjoy, K., Stoller, N. E., Gebresillasie, S., Shiferaw, A., Tadesse, Z., Sewnet, T., Ayele, B., Chanyalew, M., Callahan, K., Stewart, A., Emerson, P. M., Lietman, T. M., Keenan, et al
2016; 10 (10): e0005099
- **Characteristics of Latrines in Central Tanzania and Their Relation to Fly Catches** *PLOS ONE*
Irish, S., Aiemjoy, K., Torondel, B., Abdelahi, F., Ensink, J. J.
2013; 8 (7): e67951