Stanford

Jade Benjamin-Chung

Associate Professor of Epidemiology and Population Health

Bio

BIO

Jade Benjamin-Chung, PhD MPH, is an Associate Professor at Stanford University in the Department of Epidemiology and Population Health, as well as a Chan Zuckerberg Biohub Investigator. She conducts research to develop and evaluate scalable interventions that target the complex interplay between infectious diseases, environmental factors, and human health in resource-limited settings. Her work employs a variety of epidemiologic, computational, and statistical methods, including causal inference and machine learning methods, and focuses on vulnerable populations in low-resource settings, both domestically and internationally.

ACADEMIC APPOINTMENTS

- Associate Professor, Epidemiology and Population Health
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Rosenkranz Prize, Stanford University (2023)
- Stanford Program on Research Rigor and Reproducibility Award, Stanford University (2023)
- Investigator, Chan Zuckerberg Biohub (2022-2027)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2021 - present)
- Affiliate, Stanford Center for Human and Planetary Health (2025 - present)

PROFESSIONAL EDUCATION

- PhD, UC Berkeley , Epidemiology (2014)
- MA, UC Berkeley , Biostatistics (2013)
- MPH, UC Berkeley , Epidemiology & Biostatistics (2008)

LINKS

- My Lab Site: https://jadebc.net

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our research aims to improve population health by creating high quality evidence about what health interventions work in whom and where, when, and how to implement them. Most of our research is focused on environmentally-mediated infectious diseases, including malaria, diarrhea, soil-transmitted helminths, and influenza. Our focus is on improving the health of vulnerable populations from low-resource settings, both domestically and internationally. We use a variety of epidemiologic, computational, and statistical methods, including causal inference and machine learning methods.

CLINICAL TRIALS

- Cement flooRs AnD chiLd hEalth (CRADLE), Not Recruiting
- Perinatal Mortality Outcomes Through Household Infection Pathways, Not Specified

Teaching

COURSES

2026-27

- Intermediate Epidemiologic and Clinical Research Methods: EPI 226 (Win)

2025-26

- Intermediate Epidemiologic and Clinical Research Methods: EPI 226 (Win)

2024-25

- Intermediate Epidemiologic and Clinical Research Methods: EPI 226 (Win)

2023-24

- Intermediate Epidemiologic and Clinical Research Methods: EPI 226 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Amadeia Rector, Maggie Wang

Master's Program Advisor

Allison Henning, Candice Hwang, Natalle Yu

Doctoral Dissertation Co-Advisor (AC)

Jiangdong Liu

Publications

PUBLICATIONS

- **Mapping the local effectiveness of mass drug administration for malaria using transportability methods.** *Nature health*
  Roh, M. E., Tong, Y., Heitmann, G. B., Jia, J., Ba, E. K., Ndiaye, J. L., Fogelson, A., Milligan, P., Seck, A., Diallo, A., Lo, A. C., Baiocchi, M., Gosling, et al
  2026
- **Spillover effects of targeted malaria interventions benefit neighboring areas** *NATURE MEDICINE*
  Benjamin-Chung, J., Hsiang, M. S.
  2024
- **Extension of efficacy range for targeted malaria-elimination interventions due to spillover effects.** *Nature medicine*

Benjamin-Chung, J., Li, H., Nguyen, A., Barratt Heitmann, G., Bennett, A., Ntuku, H., Prach, L. M., Tambo, M., Wu, L., Drakeley, C., Gosling, R., Mumbengegwi, D., Kleinschmidt, et al

2024

- **Influence of Temperature and Precipitation on the Effectiveness of Water, Sanitation, and Handwashing Interventions against Childhood Diarrheal Disease in Rural Bangladesh: A Reanalysis of the WASH Benefits Bangladesh Trial.** *Environmental health perspectives*

  Nguyen, A. T., Grembi, J. A., Riviere, M., Barratt Heitmann, G., Hutson, W. D., Athni, T. S., Patil, A., Ercumen, A., Lin, A., Crider, Y., Mertens, A., Unicomb, L., Rahman, et al

  2024; 132 (4): 47006

- **Causes and consequences of child growth faltering in low-resource settings.** *Nature*

  Mertens, A., Benjamin-Chung, J., Colford, J. M., Coyle, J., van der Laan, M. J., Hubbard, A. E., Rosete, S., Malenica, I., Hejazi, N., Sofrygin, O., Cai, W., Li, H., Nguyen, et al

  2023

- **Early-childhood linear growth faltering in low- and middle-income countries.** *Nature*

  Benjamin-Chung, J., Mertens, A., Colford, J. M., Hubbard, A. E., van der Laan, M. J., Coyle, J., Sofrygin, O., Cai, W., Nguyen, A., Pokpongkiat, N. N., Djajadi, S., Seth, A., Jilek, et al

  2023

- **Child wasting and concurrent stunting in low- and middle-income countries.** *Nature*

  Mertens, A., Benjamin-Chung, J., Colford, J. M., Hubbard, A. E., van der Laan, M. J., Coyle, J., Sofrygin, O., Cai, W., Jilek, W., Rosete, S., Nguyen, A., Pokpongkiat, N. N., Djajadi, et al

  2023

- **Household finished flooring and soil-transmitted helminth and Giardia infections among children in rural Bangladesh and Kenya: a prospective cohort study.** *The Lancet. Global health*

  Benjamin-Chung, J. n., Crider, Y. S., Mertens, A. n., Ercumen, A. n., Pickering, A. J., Lin, A. n., Steinbaum, L. n., Swarthout, J. n., Rahman, M. n., Parvez, S. M., Haque, R. n., Njenga, S. M., Kihara, et al

  2021; 9 (3): e301–e308

- **Evaluation of a city-wide school-located influenza vaccination program in Oakland, California, with respect to vaccination coverage, school absences, and laboratory-confirmed influenza: A matched cohort study** *PLOS MEDICINE*

  Benjamin-Chung, J., Arnold, B. F., Kennedy, C. J., Mishra, K., Pokpongkiat, N., Nguyen, A., Jilek, W., Holbrook, K., Pan, E., Kirley, P. D., Libby, T., Hubbard, A. E., Reingold, et al

  2020; 17 (8): e1003238

- **Substantial underestimation of SARS-CoV-2 infection in the United States.** *Nature communications*

  Wu, S. L., Mertens, A. N., Crider, Y. S., Nguyen, A. n., Pokpongkiat, N. N., Djajadi, S. n., Seth, A. n., Hsiang, M. S., Colford, J. M., Reingold, A. n., Arnold, B. F., Hubbard, A. n., Benjamin-Chung, et al

  2020; 11 (1): 4507

- **A Randomized Controlled Trial to Measure Spillover Effects of a Combined Water, Sanitation, and Handwashing Intervention in Rural Bangladesh** *AMERICAN JOURNAL OF EPIDEMIOLOGY*

  Benjamin-Chung, J., Amin, N., Ercumen, A., Arnold, B. F., Hubbard, A. E., Unicomb, L., Rahman, M., Luby, S. P., Colford, J. M.

  2018; 187 (8): 1733–44

- **Spillover effects in epidemiology: parameters, study designs and methodological considerations** *INTERNATIONAL JOURNAL OF EPIDEMIOLOGY*

  Benjamin-Chung, J., Arnold, B. F., Berger, D., Luby, S. P., Miguel, E., Colford, J. M., Hubbard, A. E.

  2018; 47 (1): 332–47

- **Scaling Up a Water, Sanitation, and Hygiene Program in Rural Bangladesh: The Role of Program Implementation.** *American journal of public health*

  Benjamin-Chung, J., Sultana, S., Halder, A. K., Ahsan, M. A., Arnold, B. F., Hubbard, A. E., Unicomb, L., Luby, S. P., Colford, J. M.

  2017; 107 (5): 694-701

- **Spillover effects on health outcomes in low- and middle-income countries: a systematic review.** *International journal of epidemiology*

  Benjamin-Chung, J., Abedin, J., Berger, D., Clark, A., Jimenez, V., Konagaya, E., Tran, D., Arnold, B. F., Hubbard, A. E., Luby, S. P., Miguel, E., Colford, J. M.

  2017

- **Associations between weather and Plasmodium vivax malaria in an Amazonian elimination setting: a distributed lag analysis from 2017 to 2024.** *Malaria journal*

  Barratt Heitmann, G., Wu, X., Nguyen, A. T., Altamirano-Quiroz, A., Fine, S. R., Fernandez-Camacho, B., Barja, A., Cava, R., Soto-Calle, V., Rodriguez, H., Carrasco-Escobar, G., Bennett, A., Llanos-Cuentas, et al

  2026

- **Antimicrobial-resistantE. coliin human, animal and environmental reservoirs in rural Bangladeshi households with young children.** *medRxiv : the preprint server for health sciences*

  Tazin, S., Hossain, M. S., Haque, A., Rahman, M. H., Tabassum, T., Rahman, A., Anderson, C., Hanif, S., Heitmann, G. B., Miah, M. R., Yeamin, A., Jahan, F., Shoab, et al

  2026

- **Effect mechanisms of different malaria chemoprevention regimens in pregnancy on infant growth outcomes: causal mediation analysis of a randomized controlled trial.** *medRxiv : the preprint server for health sciences*

  Nguyen, A. T., Nankabirwa, J. I., Kakuru, A., Roh, M. E., Aguti, M., Adrama, H., Kizza, J., Olwoch, P., Kamya, M. R., Dorsey, G., Jagannathan, P., Benjamin-Chung, J.

  2026

- **Impact of intermittent preventive treatment for malaria in pregnancy with sulfadoxine-pyrimethamine, dihydroartemisinin-piperaquine, and their combination on infant outcomes: A randomized controlled trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*

  Nankabirwa, J. I., Kakuru, A., Nguyen, A. T., Roh, M. E., Aguti, M., Adrama, H., Kizza, J., Olwoch, P., Camanag, K., Benjamin-Chung, J., Rosenthal, P. J., Kamya, M. R., Dorsey, et al

  2026

- **Impact of intermittent preventive treatment of malaria in pregnancy with sulfadoxine-pyrimethamine on sexually transmitted and reproductive tract infections: results from a randomized trial in Uganda.** *International journal of epidemiology*

  Adrama, H., Dela Cruz, E. J., Ozarslan, N., Kakuru, A., Odongo, B., Gaw, S. L., Benjamin-Chung, J., Kizza, J., Aguti, M., Ategeka, J., Olwoch, P., Nakalembe, M., Opira, et al

  2026; 55 (1)

- **Rainfall and temperature influence effectiveness of on-site sanitation intervention against E. coli contamination in Bangladeshi households.** *International journal of hygiene and environmental health*

  Niven, C. G., Islam, M., Nguyen, A., Mertens, A., Pickering, A. J., Kwong, L. H., Alam, M., Sen, D., Islam, S., Rahman, M., Unicomb, L., Hubbard, A. E., Luby, et al

  2025; 272: 114731

- **Dirt Floors and Domestic Animals Are Associated with Soilborne Exposure to Antimicrobial-Resistant E. coli in Rural Bangladeshi Households.** *Environmental science & technology*

  Ercumen, A., Hossain, M. S., Tabassum, T., Haque, A., Rahman, A., Rahman, M. H., Anderson, C., Tazin, S., Hanif, S., Heitmann, G. B., Miah, M. R., Yeamin, A., Jahan, et al

  2025

- **FocaL mass drug administration for Plasmodium vivax malaria elimination (FLAME): study protocol for an open-label cluster randomized controlled trial in Peru.** *Trials*

  Fine, S. R., Soto Calle, V., Altamirano Quiroz, A., Rodriquez Ferruci, H., Manrique, P., Wu, X., Carrasco Escobar, G., Benjamin-Chung, J., Bennett, A., Auburn, S., Price, R. N., Greenhouse, B., Baird, et al

  2025; 26 (1): 408

- **Investigating cement-based surfaces as a sustainable flooring solution to improve Ascaris Suum egg removal and inactivation in low-resource settings.** *PLoS neglected tropical diseases*

  Anderson, C. E., Hanif, S., Hernandez, J., Crider, Y., Lepech, M., Billington, S. L., Boehm, A. B., Benjamin-Chung, J.

  2025; 19 (10): e0012919

- **Key takeaways from Stanford's symposium on AI for Data Science.** *Journal of clinical and translational science*

  Desai, M., Auerbach, J., Baker, L., Benjamin-Chung, J., Bondy, M., Boulos, M., Bunning, B. J., Deng, N., Goodman, S. N., Horn, I., Linos, E., Musen, M. A., Sanders, et al

  2025; 9 (1): e237

- **Key takeaways from Stanford's symposium on AI for Data Science** *JOURNAL OF CLINICAL AND TRANSLATIONAL SCIENCE*

  Desai, M., Auerbach, J., Baker, L., Benjamin-Chung, J., Bondy, M., Boulos, M., Bunning, B. J., Deng, N., Goodman, S. N., Horn, I., Linos, E., Musen, M. A., Sanders, et al

2025; 9 (1)

- **Using transportability methods to map the local effectiveness of mass drug administration for malaria in Senegal.** *medRxiv : the preprint server for health sciences*
  Roh, M. E., Tong, Y., Heitmann, G. B., Ba, E. K., Ndiaye, J. L., Fogelson, A., Milligan, P., Seck, A., Diallo, A., Lo, A. C., Baiocchi, M., Gosling, R., Bennett, et al
  2025
- **Associations between floor material and E. coli contamination in rural Bangladeshi households.** *International journal of hygiene and environmental health*
  Tazin, S., Islam, M., Pickering, A. J., Kwong, L. H., Mertens, A., Niven, C., Arnold, B. F., Hubbard, A. E., Alam, M., Sen, D., Islam, S., Rahman, M., Unicomb, et al
  2025; 269: 114641
- **Flooding and elevated prenatal depression in rural Bangladesh: A mixed methods study.** *PLOS global public health*
  Hanif, S., Momo, J. E., Jahan, F., Goldberg, L., Herbert, N., Yeamin, A., Shoab, A. K., Akhter, R. M., Roy, S. K., Heitmann, G. B., Ercumen, A., Rahman, M., Tofail, et al
  2025; 5 (7): e0004792
- **Characterisation of between-cluster heterogeneity in malaria cluster randomised trials to inform future sample size calculations** *NATURE COMMUNICATIONS*
  Biggs, J., Challenger, J. D., Dee, D., Elobolobo, E., Chaccour, C., Saute, F., Staedke, S. G., Vilakati, S., Chung, J., Hsiang, M. S., Dabira, E., Erhart, A., D'Alessandro, et al
  2025; 16 (1): 6615
- **Global diversity of soil-transmitted helminths reveals population-biased genetic variation that impacts diagnostic targets.** *Nature communications*
  Papaiakovou, M., Waeschenbach, A., Ajibola, O., Ajjampur, S. S., Anderson, R. M., Bailey, R., Benjamin-Chung, J., Cambra-Pellejà, M., Caro, N. R., Chaima, D., Cimino, R. O., Cools, P., Cossa, et al
  2025; 16 (1): 6374
- **Impact of intermittent preventive treatment of malaria in pregnancy with sulfadoxine-pyrimethamine on sexually transmitted and reproductive tract infections: results from a randomised trial in Uganda.** *medRxiv : the preprint server for health sciences*
  Adrama, H., Dela Cruz, E. J., Ozarslan, N., Kakuru, A., Odongo, B., Gaw, S. L., Benjamin-Chung, J., Kizza, J., Aguti, M., Ategeka, J., Olwoch, P., Nakalembe, M., Opira, et al
  2025
- **Potential pathogens and antimicrobial resistance genes in household environments: a study of soil floors and cow dung in rural Bangladesh.** *Applied and environmental microbiology*
  Nguyen, A. T., Ratnasiri, K., Barratt Heitmann, G., Tazin, S., Anderson, C., Hanif, S., Yeamin, A., Shoab, A. K., Shanta, I. S., Jahan, F., Hossain, M. S., Mahmud, Z. H., Jubair, et al
  2025: e0066925
- **Associations between floor material and E. coli contamination in rural Bangladeshi households.** *bioRxiv : the preprint server for biology*
  Tazin, S., Islam, M., Pickering, A. J., Kwong, L. H., Mertens, A., Niven, C., Arnold, B. F., Hubbard, A. E., Alam, M., Sen, D., Islam, S., Rahman, M., Unicomb, et al
  2025
- **Healthy homes: Stakeholder perspectives on housing interventions to reduce environmentally mediated infections.** *PLOS global public health*
  Acklin, M., Graham, J. P., Benjamin-Chung, J.
  2025; 5 (4): e0003805
- **FocaL mass drug Administration for Plasmodium vivax Malaria Elimination (FLAME): study protocol for an open-label cluster randomized controlled trial in Peru.** *Research square*
  Fine, S., Quiroz, A. A., Calle, V. S., Manrique, P., Rodriguez, H., Carrasco, G., Benjamin-Chung, J., Bennett, A., Auburn, S., Price, R., Greenhouse, B., Baird, J. K., Domingo, et al
  2025
- **Pathways through which water, sanitation, hygiene, and nutrition interventions reduce antibiotic use in young children: a mediation analysis of a cohort nested within a cluster-randomized trial** *ECLINICALMEDICINE*
  Nguyen, A. T., Heitmann, G., Mertens, A., Ashraf, S., Rahman, M., Ali, S., Rahman, M., Arnold, B. F., Grembi, J. A., Lin, A., Ercumen, A., Benjamin-Chung, J.

2025; 82

- **Pathways through which water, sanitation, hygiene, and nutrition interventions reduce antibiotic use in young children: a mediation analysis of a cohort nested within a cluster-randomized trial.** *EClinicalMedicine*
  Nguyen, A. T., Heitmann, G. B., Mertens, A., Ashraf, S., Rahman, M. Z., Ali, S., Rahman, M., Arnold, B. F., Grembi, J. A., Lin, A., Ercumen, A., Benjamin-Chung, J.
  2025; 82: 103147

- **Maternal experience of intimate partner violence, maternal depression, and parental stress are not associated with child telomere length in Bangladesh.** *Scientific reports*
  Figueroa, D., Al Mamun, M. M., Jung, D. K., Li, G., Tan, S. T., Jamshed, F., Butzin-Dozier, Z., Mertens, A. N., Lin, J., Pitchik, H. O., Parvin, K., Silvera, A., Fernald, et al
  2025; 15 (1): 8499

- **Evaluating the survival and removal ofEscherichia colifrom surfaces made with traditional and sustainable cement-based materials in field-relevant conditions.** *Applied and environmental microbiology*
  Anderson, C. E., Hernandez, J., Hanif, S., Owens, L., Crider, Y., Billington, S. L., Lepech, M., Boehm, A. B., Benjamin-Chung, J.
  2025: e0213124

- **Effects of household concrete floors on maternal and child health: the CRADLE trial - a randomised controlled trial protocol.** *BMJ open*
  Rahman, M., Jahan, F., Hanif, S., Yeamin, A., Shoab, A. K., Andrews, J. R., Lu, Y., Billington, S., Pilotte, N., Shanta, I. S., Jubair, M., Rahman, M., Kabir, et al
  2025; 15 (3): e090703

- **Dirt floors and domestic animals are associated with soilborne exposure to antimicrobial resistantE. coliin rural Bangladeshi households.** *bioRxiv : the preprint server for biology*
  Ercumen, A., Hossain, M. S., Tabassum, T., Haque, A., Rahman, A., Rahman, M. H., Anderson, C., Tazin, S., Hanif, S., Heitmann, G. B., Miah, M. R., Yeamin, A., Jahan, et al
  2025

- **Water, sanitation, handwashing, and nutritional interventions can reduce child antibiotic use: evidence from Bangladesh and Kenya.** *Nature communications*
  Ercumen, A., Mertens, A. N., Butzin-Dozier, Z., Jung, D. K., Ali, S., Achando, B. S., Rao, G., Hemlock, C., Pickering, A. J., Stewart, C. P., Tan, S. T., Grembi, J. A., Benjamin-Chung, et al
  2025; 16 (1): 556

- **Response to "Assessing the outcomes of malaria intermittent preventive treatment during pregnancy on child growth trajectories".** *EBioMedicine*
  Benjamin-Chung, J., Tong, Y., Roh, M. E., Jagannathan, P.
  2025; 112: 105546

- **Associations between weather extremes and faecal contamination along pathogen transmission pathways in rural Bangladeshi households: a prospective observational study.** *The Lancet. Planetary health*
  Niven, C. G., Islam, M., Nguyen, A., Grembi, J. A., Mertens, A., Pickering, A. J., Kwong, L. H., Alam, M., Sen, D., Islam, S., Rahman, M., Unicomb, L., Hubbard, et al
  2025; 9 (1): e5-e13

- **Author Correction: Early-childhood linear growth faltering in low- and middle-income countries.** *Nature*
  Benjamin-Chung, J., Mertens, A., Colford, J. M., Hubbard, A. E., van der Laan, M. J., Coyle, J., Sofrygin, O., Cai, W., Nguyen, A., Pokpongkiat, N. N., Djajadi, S., Seth, A., Jilek, et al
  2024

- **Pathogens and Antimicrobial Resistance Genes in Household Environments: A Study of Soil Floors and Cow Dung in Rural Bangladesh.** *bioRxiv : the preprint server for biology*
  Nguyen, A. T., Ratnasiri, K., Heitmann, G. B., Tazin, S., Anderson, C., Hanif, S., Yeamin, A., Shoab, A. K., Shanta, I. S., Jahan, F., Hossain, S., Mahmud, Z. H., Jubair, et al
  2024

- **Understanding the Effectiveness of Water, Sanitation, and Hygiene Interventions: A Counterfactual Simulation Approach to Generalizing the Outcomes of Intervention Trials.** *Environmental health perspectives*
  Brouwer, A. F., Zahid, M. H., Eisenberg, M. C., Arnold, B. F., Ashraf, S., Benjamin-Chung, J., Colford, J. M., Ercumen, A., Luby, S. P., Pickering, A. J., Rahman, M., Kraay, A. N., Eisenberg, et al

2024; 132 (12): 127003

- **Associations between weather and Plasmodium vivax malaria in an elimination setting in Peru: a distributed lag analysis.** *medRxiv : the preprint server for health sciences*
  Heitmann, G. B., Wu, X., Nguyen, A. T., Altamirano-Quiroz, A., Fine, S., Fernandez-Camacho, B., Barja, A., Cava, R., Soto-Calle, V., Rodriguez, H., Carrasco-Escobar, G., Bennett, A., Llanos-Cuentas, et al
  2024
- **Flooding and elevated prenatal depression in a climate-sensitive community in rural Bangladesh: a mixed methods study.** *medRxiv : the preprint server for health sciences*
  Hanif, S., Momo, J. E., Jahan, F., Goldberg, L., Herbert, N., Yeamin, A., Shoab, A. K., Akhter, R. M., Roy, S. K., Heitmann, G. B., Ercumen, A., Rahman, M., Tofail, et al
  2024
- **Intermittent preventive treatment for malaria in pregnancy and infant growth: a mediation analysis of a randomised trial.** *EBioMedicine*
  Tong, Y., Ratnasiri, K., Hanif, S., Nguyen, A. T., Roh, M. E., Dorsey, G., Kakuru, A., Jagannathan, P., Benjamin-Chung, J.
  2024; 109: 105397
- **Pathways through which water, sanitation, hygiene, and nutrition interventions reduce antibiotic use in young children: a mediation analysis of a cluster-randomized trial.** *medRxiv : the preprint server for health sciences*
  Nguyen, A., Heitmann, G. B., Mertens, A., Ashraf, S., Rahman, M. Z., Ali, S., Rahman, M., Arnold, B. F., Grembi, J. A., Lin, A., Ercumen, A., Benjamin-Chung, J.
  2024
- **From the Ground Up: Stakeholder Perspectives on Housing Interventions to Reduce Environmentally Mediated Infections.** *Research square*
  Acklin, M., Graham, J., Benjamin-Chung, J.
  2024
- **From the Ground Up: Stakeholder Perspectives on Housing Interventions to Reduce Environmentally Mediated Infections.** *medRxiv : the preprint server for health sciences*
  Acklin, M., Graham, J. P., Benjamin-Chung, J.
  2024
- **Estimating community-wide indirect effects of influenza vaccination: triangulation using mathematical models and bias analysis.** *American journal of epidemiology*
  Arinaminpathy, N., Reed, C., Biggerstaff, M., Nguyen, A. T., Athni, T. S., Arnold, B. F., Hubbard, A., Reingold, A., Benjamin-Chung, J.
  2024
- **Isolation and characterization of cefotaxime resistant Escherichia coli from household floors in rural Bangladesh** *HELIYON*
  Tabassum, T., Hossain, S., Ercumen, A., Benjamin-Chung, J., Abedin, F., Rahman, M., Jahan, F., Haque, M., Mahmud, Z.
  2024; 10 (14)
- **Isolation and characterization of cefotaxime resistant Escherichia coli from household floors in rural Bangladesh.** *Heliyon*
  Tabassum, T., Hossain, M. S., Ercumen, A., Benjamin-Chung, J., Abedin, M. F., Rahman, M., Jahan, F., Haque, M., Mahmud, Z. H.
  2024; 10 (14): e34367
- **Effects of household concrete floors on maternal and child health - the CRADLE trial: a randomised controlled trial protocol.** *medRxiv : the preprint server for health sciences*
  Rahman, M., Jahan, F., Hanif, S., Yeamin, A., Shoab, A. K., Andrews, J. R., Lu, Y., Billington, S., Pilotte, N., Shanta, I. S., Jubair, M., Rahman, M., Kabir, et al
  2024
- **Pathways through which intermittent preventive treatment for malaria in pregnancy influences child growth faltering: a mediation analysis.** *medRxiv : the preprint server for health sciences*
  Tong, Y., Ratnasiri, K., Hanif, S., Nguyen, A. T., Roh, M. E., Dorsey, G., Kakuru, A., Jagannathan, P., Benjamin-Chung, J.
  2024
- **Influence of hydrometeorological risk factors on child diarrhea and enteropathogens in rural Bangladesh.** *PLoS neglected tropical diseases*
  Grembi, J. A., Nguyen, A. T., Riviere, M., Heitmann, G. B., Patil, A., Athni, T. S., Djajadi, S., Ercumen, A., Lin, A., Crider, Y., Mertens, A., Karim, M. A., Islam, et al
  2024; 18 (5): e0012157

- **Monthly Sulfadoxine-Pyrimethamine During Pregnancy Prevents Febrile Respiratory Illnesses: A Secondary Analysis of a Malaria Chemoprevention Trial in Uganda.** *Open forum infectious diseases*
  Lee, J. J., Kakuru, A., Jacobson, K. B., Kamya, M. R., Kajubi, R., Ranjit, A., Gaw, S. L., Parsonnet, J., Benjamin-Chung, J., Dorsey, G., Jagannathan, P., Roh, M. E.
  2024; 11 (4): ofae143

- **Child Health and Infection with Low Density (CHILD) malaria: a protocol for a randomised controlled trial to assess the long-term health and socioeconomic impacts of testing and treating low-density malaria infection among children in Tanzania.** *BMJ open*
  Jebiwott, S., Gutapaka, N., Sumari, D., Loss, G., Athuman, T., Nyandele, J. P., Cummins, H., Chemba, M., Benjamin-Chung, J., Gangar, P., Wu, X., Smith, J., Chen, et al
  2024; 14 (3): e082227

- **Improved Child Feces Management Mediates Reductions in Childhood Diarrhea from an On-Site Sanitation Intervention: Causal Mediation Analysis of a Cluster-Randomized Trial in Rural Bangladesh.** *Journal of epidemiology and global health*
  Contreras, J. D., Islam, M., Mertens, A., Pickering, A. J., Arnold, B. F., Benjamin-Chung, J., Hubbard, A. E., Rahman, M., Unicomb, L., Luby, S. P., Colford, J. M., Ercumen, A.
  2024

- **Is detection of enteropathogens and human or animal faecal markers in the environment associated with subsequent child enteric infections and growth: an individual participant data meta-analysis.** *The Lancet. Global health*
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