



Stephen Luby

Lucy Becker Professor of Medicine, Senior Fellow at the Woods Institute for the Environment, Freeman Spogli Institute for International Studies and Professor, by courtesy, of Epidemiology and Population Health

Medicine - Infectious Diseases

 Curriculum Vitae available Online

Bio

BIO

Dr. Luby is a physician, researcher and educator. He lived and worked for 5 years in Pakistan (at the Aga Khan University) and 8 years in Bangladesh (with CDC and icddr,b) before joining the Stanford faculty in 2012.

ACADEMIC APPOINTMENTS

- Professor, Medicine - Infectious Diseases
- Senior Fellow, Stanford Woods Institute for the Environment
- Senior Fellow, Freeman Spogli Institute for International Studies
- Professor (By courtesy), Epidemiology and Population Health
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Director Center for Human and Planetary Health, School of Medicine; Doerr School of Sustainability, (2024- present)
- Director of Research, Stanford Center for Innovation in Global Health, (2012- present)
- Associate Dean of Global Health Research, School of Medicine, (2019-2024)

HONORS AND AWARDS

- Walter J Gores Award for Excellence in Teaching, Stanford University (2024)
- Begum Rokeya Sakhawat Hossain Teaching Excellence Award, James P Grant School of Public Health (2012, 2014, 2015)
- Shepard Award, Centers for Disease Control and Prevention (2006, 2014 & 2015)
- Medal of Excellence in Global Health, Center for Global Health, Centers for Disease Control and Prevention (2012)
- International WaTER Prize, Oklahoma University (2009)
- Favourite paper in infectious diseases, Lancet Infectious Diseases (2005)
- Alexander D. Langmuir Prize, Centers for Disease Control and Prevention (2001)

PROGRAM AFFILIATIONS

- Science, Technology and Society

PROFESSIONAL EDUCATION

- Fellowship, Centers for Disease Control and Prevention , Epidemiology (1992)
- Board Certification, American Board of Internal Medicine , Internal Medicine (1989)
- Residency, Strong Memorial Hospital , Internal Medicine (1989)
- Internship, Strong Memorial Hospital , Internal Medicine (1987)
- MD, University of Texas, Southwestern , Medicine (1986)
- BA, Creighton University , Philosophy (1981)

COMMUNITY AND INTERNATIONAL WORK

- Improving brick manufacturing, Bangladesh
- RISE -- Revitalizing Informal Settlements and their Environment, Suva, Fiji; Makassar, Indonesia
- Assessing Typhoid conjugate vaccine, Navi Mumbai, India
- Liberia Handwashing, Liberia
- Windows ventilation, Dhaka, Bangladesh
- Pigs and parasites, Sichuan Province, China
- RINEW -- Integrated effort to improve early child development
- WASH Benefits, Rural Bangladesh
- Lotus Water, Dhaka, Bangladesh
- Burden of pneumococcal disease, Bangladesh
- Lead exposure in rural Bangladesh, Bangladesh

LINKS

- Luby Lab: <https://lubylab.stanford.edu>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Luby's research is focused on health in low and middle income countries and currently includes several themes:

Human and Planetary Health: A thriving human future requires a thriving planet. Dr. Luby's research group is engaged in a series of efforts to generate knowledge that will alter the way that bricks are manufactured across South Asia so that they generate less air pollution, less climate change and tens of thousands fewer deaths per year. This involves: 1) evaluating interventions in brick kilns to improve combustion efficiency and so simultaneously reduce coal costs for producers while generating less pollution and 2) using remote sensing to specify the location of brick kilns and ultimately evaluate their emissions. Another strand of his planetary health work looks at the release of lead into the environment in low and middle income countries, seeks to identify the sources of lead that is generating the greatest public health burden and develops and evaluates interventions to reduce this burden.

Practical Interventions to Reduce Infectious Disease Transmission: These activities include efforts to maximize the uptake of masks, water treatment and vaccines with careful evaluation of their impact. His research group explores strategies to reduce the risk of pathogen transmission in healthcare facilities in low and middle income countries.

Favorite infectious diseases: He continues to advance his long-standing interest in the epidemiology and prevention of Nipah virus and typhoid fever.

CLINICAL TRIALS

- Automatic Chlorination and Child Health in Urban Bangladesh, Not Recruiting
- Feasibility of Implementing RINew Through the Government System, Not Recruiting
- Optimizing Ventilation to Improve Health, Not Recruiting
- Safety and Efficacy of Probiotics in Bangladeshi Infants, Not Recruiting
- Typhoid Conjugate Vaccine Introduction in Navi Mumbai, India, Not Recruiting
- WASH Benefits Bangladesh, Not Recruiting

Teaching

COURSES

2025-26

- Human and Planetary Health: MED 103, PUBLPOL 183, SOC 103, SUSTAIN 103 (Aut)
- Practical Approaches to Global Health Research: EPI 237, INTLPOL 290, MED 226 (Aut)
- Preventing Human Extinction: COLLEGE 107 (Spr)

2024-25

- Human and Planetary Health: MED 103, PUBLPOL 183, SOC 103, SUSTAIN 103 (Aut)
- Practical Approaches to Global Health Research: EPI 237, INTLPOL 290, MED 226 (Aut)
- Preventing Human Extinction: COLLEGE 107 (Spr)
- Theories of Change in Global Health: INTLPOL 291, PUBLPOL 291, SOMGEN 207 (Win)

2023-24

- Designing Environmental Research: ENVRES 320 (Win)
- Human and Planetary Health: MED 103, PUBLPOL 183, SOC 103, SUSTAIN 103 (Aut)
- Practical Approaches to Global Health Research: EPI 237, INTLPOL 290, MED 226 (Aut)
- Preventing Human Extinction: COLLEGE 107 (Spr)
- Theories of Change in Global Health: INTLPOL 291, PUBLPOL 291, SOMGEN 207 (Win)

2022-23

- Human and Planetary Health: BIO 103, BIO 203, SOC 103, SUSTAIN 103 (Aut)
- Practical Approaches to Global Health Research: EPI 237, INTLPOL 290, MED 226 (Aut)
- Preventing Human Extinction: COLLEGE 107 (Spr)
- Theories of Change in Global Health: INTLPOL 291, PUBLPOL 291, SOMGEN 207 (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Anna Katharina Ferl, Garima Jain, Mary de Boer

Doctoral Dissertation Co-Advisor (AC)

Ayako Kawano, Metta Nicholson, Aly Singleton, Jayson Toweh, Daisy Yan

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Infectious Diseases (Fellowship Program)

- Pediatric Infectious Diseases (Fellowship Program)

Publications

PUBLICATIONS

- **Reducing emissions and air pollution from informal brick kilns: Evidence from Bangladesh.** *Science (New York, N.Y.)*
Brooks, N., Biswas, D., Maitel, S., Miller, G., Mahajan, A., Uddin, M. R., Ahmed, S., Mahzab, M., Rahman, M., Luby, S. P.
2025; 388 (6747): eadr7394
- **Removing lead from the global economy.** *The Lancet. Planetary health*
Luby, S. P., Forsyth, J. E., Fatmi, Z., Rahman, M., Sultana, J., Plambeck, E. L., Miller, N. G., Bendavid, E., Winch, P. J., Hu, H., Lanphear, B., Landrigan, P. J.
2024; 8 (11): e966-e972
- **Evidence of turmeric adulteration with lead chromate across South Asia.** *The Science of the total environment*
Forsyth, J. E., Mistree, D., Nash, E., Angrish, M., Luby, S. P.
2024: 175003
- **Food safety policy enforcement and associated actions reduce turmeric lead chromate adulteration across Bangladesh.** *Environmental research*
Forsyth, J. E., Baker, M., Nurunnahar, S., Islam, S., Islam, M. S., Islam, T., Plambeck, E., Winch, P. J., Mistree, D., Luby, S. P., Rahman, M.
2023: 116328
- **Impact of community masking on COVID-19: A cluster-randomized trial in Bangladesh** *SCIENCE*
Abaluck, J., Kwong, L. H., Styczynski, A., Haque, A., Kabir, M., Bates-Jefferys, E., Crawford, E., Benjamin-Chung, J., Raihan, S., Rahman, S., Benhachmi, S., Bintee, N., Winch, et al
2022; 375 (6577): 160-+
- **Assessing the feasibility of Nipah vaccine efficacy trials based on previous outbreaks in Bangladesh.** *Vaccine*
Nikolay, B., Ribeiro Dos Santos, G., Lipsitch, M., Rahman, M., Luby, S. P., Salje, H., Gurley, E. S., Cauchemez, S.
2021
- **Scalable deep learning to identify brick kilns and aid regulatory capacity.** *Proceedings of the National Academy of Sciences of the United States of America*
Lee, J., Brooks, N. R., Tajwar, F., Burke, M., Ermon, S., Lobell, D. B., Biswas, D., Luby, S. P.
2021; 118 (17)
- **Monitoring of diverse enteric pathogens across environmental and host reservoirs with TaqMan array cards and standard qPCR: a methodological comparison study.** *The Lancet. Planetary health*
Lappan, R. n., Henry, R. n., Chown, S. L., Luby, S. P., Higginson, E. E., Bata, L. n., Jirapanjawan, T. n., Schang, C. n., Openshaw, J. J., O'Toole, J. n., Lin, A. n., Tela, A. n., Turagabeci, et al
2021; 5 (5): e297–e308
- **Associations between ambient fine particulate matter and child respiratory infection: The role of particulate matter source composition in Dhaka, Bangladesh.** *Environmental pollution (Barking, Essex : 1987)*
Sherris, A. R., Begum, B. A., Baiocchi, M., Goswami, D., Hopke, P. K., Brooks, W. A., Luby, S. P.
2021; 290: 118073
- **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
- **Effect of in-line drinking water chlorination at the point of collection on child diarrhoea in urban Bangladesh: a double-blind, cluster-randomised controlled trial** *LANCET GLOBAL HEALTH*
Pickering, A. J., Crider, Y., Sultana, S., Swarthout, J., Goddard, F. G. B., Islam, S., Sen, S., Ayyagari, R., Luby, S. P.
2019; 7 (9): E1247–E1256
- **Turmeric means "yellow" in Bengali: Lead chromate pigments added to turmeric threaten public health across Bangladesh.** *Environmental research*

Forsyth, J. E., Nurunnahar, S. n., Islam, S. S., Baker, M. n., Yeasmin, D. n., Islam, M. S., Rahman, M. n., Fendorf, S. n., Ardoin, N. M., Winch, P. J., Luby, S. P.

2019; 179 (Pt A): 108722

- **Nipah Virus Transmission from Bats to Humans Associated with Drinking Traditional Liquor Made from Date Palm Sap, Bangladesh, 2011-2014** *EMERGING INFECTIOUS DISEASES*
Islam, M. S., Sazzad, H. M., Satter, S. M., Sultana, S., Hossain, M. J., Hasan, M., Rahman, M., Campbell, S., Cannon, D. L., Stroehrer, U., Daszak, P., Luby, S. P., Gurley, et al
2016; 22 (4): 664-670
- **Effects of Source- versus Household Contamination of Tubewell Water on Child Diarrhea in Rural Bangladesh: A Randomized Controlled Trial** *PLOS ONE*
Ercumen, A., Naser, A. M., Unicomb, L., Arnold, B. F., Colford, J. M., Luby, S. P.
2015; 10 (3)
- **Differences in field effectiveness and adoption between a novel automated chlorination system and household manual chlorination of drinking water in Dhaka, Bangladesh: a randomized controlled trial.** *PloS one*
Pickering, A. J., Crider, Y., Amin, N., Bauza, V., Unicomb, L., Davis, J., Luby, S. P.
2015; 10 (3)
- **The Role of Landscape Composition and Configuration on Pteropus giganteus Roosting Ecology and Nipah Virus Spillover Risk in Bangladesh** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*
Hahn, M. B., Gurley, E. S., Epstein, J. H., Islam, M. S., Patz, J. A., Daszak, P., Luby, S. P.
2014; 90 (2): 247-255
- **The Integrated Behavioural Model for Water, Sanitation, and Hygiene: a systematic review of behavioural models and a framework for designing and evaluating behaviour change interventions in infrastructure-restricted settings** *BMC PUBLIC HEALTH*
Dreibelbis, R., Winch, P. J., Leontsini, E., Hulland, K. R., Ram, P. K., Unicomb, L., Luby, S. P.
2013; 13
- **The pandemic potential of Nipah virus.** *Antiviral research*
Luby, S. P.
2013; 100 (1): 38-43
- **Household environmental conditions are associated with enteropathy and impaired growth in rural Bangladesh.** *The American journal of tropical medicine and hygiene*
Lin, A., Arnold, B. F., Afreen, S., Goto, R., Huda, T. M., Haque, R., Raqib, R., Unicomb, L., Ahmed, T., Colford, J. M., Luby, S. P.
2013; 89 (1): 130-137
- **Improvements in child development following a cluster-randomized, controlled trial of intensive handwashing promotion in Karachi, Pakistan.** *Arch PediatrAdolesc Med*
Bowen A, Agboatwalla M, Luby S, Tobery T, Ayers T, Hoekstra RM.
2012; 166 (11): 1037-44
- **Perinatal colonization with extended-spectrum beta-lactamase-producing and carbapenem-resistant gram-negative bacteria among home births in Bangladesh.** *PloS one*
Wu, G. S., Hossain, H., Amin, M. B., Parveen, S., Islam, M. A., Sraboni, A. S., Pervez, A. F., Zeba, D., Gurley, E. S., Luby, S., Styczynski, A.
2025; 20 (9): e0325404
- **Community willingness to participate in a Nipah vaccine trial in Bangladesh.** *Vaccine*
Nahar, N., Parveen, S., Gurley, E. S., Ghosh, P. K., Jabeen, I., Haidar, M. R., Jahan, F., Munim, M. S., Chanda, K. F., Ali, M. W., Akhtar, Z., Shirin, T., Banu, et al
2025; 62: 127578
- **Epidemiology, clinical characteristics and genetic diversity of Nipah virus strains from Bangladesh: 2016 to 2023.** *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*
Satter, S. M., Rahman, D. I., Sultana, S., Rahman, M. M., Aquib, W. R., Nazneen, A., Farzin, A., Chowdhury, K. I., Sarkar, T., Ema, F. A., Choudhury, S. S., Siddika, A., Alam, et al
2025: 108010
- **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
- **Evaluation of a multicomponent child development intervention delivered through the government health system: a feasibility study.** *BMJ global health*
Sultana, J., Pitchik, H. O., Shoab, A. K., Huda, T. M., Hasan, R., Akter, F., Jahir, T., Khobair Hossain, M., Das, J. B., Amin, M. R., Yeasmin, F., Khan, R., Forsyth, et al
2025; 10 (7)
 - **Adolescent psychological health, temporal discounting, and climate distress under increased flood exposure in Bangladesh: a mixed-methods cross-sectional study.** *The Lancet. Planetary health*
Goldberg, L., Luby, S., Sayiara Shuchi, N., Sen, T., Hossen, N., Parodi, G. W., Jensen, E., Ardoin, N. M., Rahman, M., Jahan, F.
2025: 101273
 - **National burden and optimal vaccine policy for Japanese encephalitis virus in Bangladesh.** *medRxiv : the preprint server for health sciences*
Duque, M. P., Paul, K. K., Sultana, R., Ribeiro Dos Santos, G., O'Driscoll, M., Naser, A. M., Rahman, M., Alam, M. S., Al-Amin, H. M., Rahman, M. Z., Hossain, M. E., Paul, R. C., Krainski, et al
2025
 - **Antispikes IgG antibody decay after immunisation with fractional versus full booster doses of COVID-19 vaccines: a 6-month longitudinal analysis of the FRACT-COV trial in Brazil.** *BMJ public health*
Barros Verruck, J., Moreira Puga, M. A., de Oliveira, R. D., Vieira da Silva, P., Charu, V., Hedlin, H., Lu, D., Zhang, A., Ritter, V., Shaw, B., Rosser, J. I., Seidman, J. C., Carter, et al
2025; 3 (2): e002331
 - **Evaluating the accuracy of Salmonella Typhi Hemolysin E and lipopolysaccharide IgA to discriminate enteric fever from other febrile illnesses in South Asia.** *medRxiv : the preprint server for health sciences*
Seidman, J. C., Aiemjoy, K., Adnan, M., Dehraj, I. F., Iqbal, J., Iqbal, K., Irfan, S., Islam, N., Kabir, M. S., Katuwal, N., Maria, N., Memon, M. A., Munira, et al
2025
 - **Using machine learning to identify subgroups with the highest expected benefit in a population-based water, sanitation, handwashing, and nutrition intervention.** *medRxiv : the preprint server for health sciences*
Hemlock, C., Kwong, L. H., Fernald, L. C., Hubbard, A. E., Colford, J. M., Tofail, F., Rahman, M. M., Parvez, S., Luby, S. P., Mertens, A. N.
2025
 - **Equity in the effect of small-quantity lipid-based nutrient supplements on child growth, development and anemia.** *medRxiv : the preprint server for health sciences*
Ante-Testard, P. A., Arnold, C. D., Wessells, K. R., Adu-Afarwuah, S., Ashorn, P., Becquey, E., Brown, K. H., Christian, P., Colford, J. M., Fernald, L. C., Galasso, E., Hess, S. Y., Humphrey, et al
2025
 - **Biomarkers of environmental enteric dysfunction and neurodevelopmental outcomes among children in rural Bangladesh and Kenya: a prospective cohort study.** *The American journal of clinical nutrition*
Ho, G. G., Achando, B. S., Ali, S., Hemlock, C., Pitchik, H. O., Stewart, C. P., Tofail, F., Rahman, M. Z., Alauddin, M., Rao, G., Dentz, H. N., Buleti, J. P., Nekesa, et al
2025
 - **Perinatal colonization with extended-spectrum beta-lactamase-producing and carbapenem-resistant Gram-negative bacteria among home births in Bangladesh.** *medRxiv : the preprint server for health sciences*
Wu, G. S., Hossain, H., Amin, M. B., Parveen, S., Islam, M. A., Sraboni, A. S., Pervez, A. F., Zeba, D., Gurley, E. S., Luby, S., Styczynski, A.
2025
 - **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
 - **Environmental monitoring for Ascaris egg remediation: a critical review.** *Environmental science and pollution research international*
Strong, N. I., Andracka, J. T., Woo, S. G., Abbadi, S. H., Lewis, A. J., Tang, S. K., Luby, S. P., Criddle, C. S.
2025

- **Immunogenicity and reactogenicity of fractional vs. full booster doses of COVID-19 vaccines: a non-inferiority, randomised, double-blind, phase IV clinical trial in Brazil** *LANCET REGIONAL HEALTH-AMERICAS*
Puga, M., de Oliveira, R., da Silva, P., Charu, V., Hedlin, H., Lu, D., Zhang, A., Shaw, B., Rosser, J., Seidman, J., Carter, A., Qamar, F., Luby, et al
2025; 44
- **Changes in enteric fever trends during the COVID-19 pandemic from the Surveillance for Enteric Fever in Asia Project: a cross-sectional study.** *The Lancet regional health. Southeast Asia*
Munira, S. J., Naga, S. R., Dehraj, I. F., Doyle, K., Kanon, N., Yousafzai, M. T., Tamrakar, D., Ali, A. P., Jui, A. B., Carter, A. S., Chandra Das, D., Dawani, S., Iqbal, et al
2025; 35: 100562
- **Immunogenicity and reactogenicity of fractional vs. full booster doses of COVID-19 vaccines: a non-inferiority, randomised, double-blind, phase IV clinical trial in Brazil.** *Lancet regional health. Americas*
Moreira Puga, M. A., Dias de Oliveira, R., Vieira da Silva, P., Charu, V., Hedlin, H., Lu, D., Zhang, A., Shaw, B., Rosser, J. I., Seidman, J. C., Carter, A. S., Qamar, F. N., Luby, et al
2025; 44: 101031
- **Population-based estimates of hepatitis E virus associated mortality in Bangladesh.** *The Journal of infectious diseases*
Paul, R. C., Gidding, H. F., Nazneen, A., Banik, K. C., Sumon, S. A., Paul, K. K., Akram, A., Uzzaman, M. S., Tejada-Strop, A., Kamili, S., Luby, S. P., Hayen, A., Gurley, et al
2025
- **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
- **Treatment heterogeneity of water, sanitation, hygiene, and nutrition interventions on child growth by environmental enteric dysfunction and pathogen status for young children in Bangladesh.** *PLoS neglected tropical diseases*
Butzin-Dozier, Z., Ji, Y., Coyle, J., Malenica, I., Rogawski McQuade, E. T., Grembi, J. A., Platts-Mills, J. A., Houghton, E. R., Graham, J. P., Ali, S., Rahman, M. Z., Alauddin, M., Famida, et al
2025; 19 (2): e0012881
- **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
- **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
- **Sensor-measured versus reported latrine use to characterize sanitation intervention uptake in a randomized controlled trial among households in rural Bangladesh.** *International journal of hygiene and environmental health*
Islam, M., Contreras, J. D., Unicomb, L., Rahman, M., Arnold, B. F., Colford, J. M., Luby, S. P., Thomas, E. A., Ercumen, A.
2024; 264: 114511
- **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
- **Identifying weather patterns affecting household date palm sap consumption in Bangladesh, 2013-2016.** *PloS one*
Jackson, J., Shanta, I. S., McKee, C., Luby, S. P., Haider, N., Sharker, Y., Plowright, R., Hudson, P., Gurley, E. S.
2024; 19 (11): e0313904

- **Highway paving dramatically increased dengue transmission in the Amazon.** *medRxiv : the preprint server for health sciences*
Singleton, A. L., Lescano, A. G., MacDonald, A. J., Mandle, L., Sipin, T. J., Martel, K. S., Munayco, C. V., Carrera, E. D., Choque, G. A., Bautista, A. S., Luby, S. P., Mordecai, E. A.
2024
- **Building blocks of change: The energy, health, and climate co-benefits of more efficient brickmaking in Bangladesh** *ENERGY RESEARCH & SOCIAL SCIENCE*
Brooks, N., Biswas, D., Maithel, S., Kumar, S., Uddin, M., Ahmed, S., Mahzab, M., Miller, G., Rahman, M., Luby, S. P.
2024; 117
- **Trends in antimicrobial resistance amongst Salmonella Typhi in Bangladesh: A 24-year retrospective observational study (1999-2022).** *PLoS neglected tropical diseases*
Tanmoy, A. M., Hooda, Y., Sajib, M. S., Rahman, H., Sarkar, A., Das, D., Islam, N., Kanon, N., Rahman, M. A., Garrett, D. O., Endtz, H. P., Luby, S. P., Shahidullah, et al
2024; 18 (10): e0012558
- **Towards integrated cross-sectoral surveillance of pathogens and antimicrobial resistance: Needs, approaches, and considerations for linking surveillance to action.** *Environment international*
Lappan, R., Chown, S. L., French, M., Perlaza-Jiménez, L., Macesic, N., Davis, M., Brown, R., Cheng, A., Clasen, T., Conlan, L., Goddard, F., Henry, R., Knight, et al
2024; 192: 109046
- **Factors Influencing Vaccine Receipt During a 2018 Pediatric Typhoid Conjugate Vaccine Campaign in Navi Mumbai, India.** *The American journal of tropical medicine and hygiene*
Borhade, P., LeBoa, C., Jayaprasad, N., Date, K., Haldar, P., Harvey, P., Shimpi, R., An, Q., Zhang, C., Horng, L., Fagerli, K., Yewale, V. N., Daruwalla, et al
2024
- **Field Effectiveness of a Typhoid Conjugate Vaccine: The 2018 Navi Mumbai Pediatric TCV Campaign.** *The American journal of tropical medicine and hygiene*
Date, K., LeBoa, C., Hoffman, S. A., Haldar, P., Harvey, P., An, Q., Zhang, C., Yewale, V. N., Daruwalla, S., Dharmapalan, D., Gavhane, J., Joshi, S., Rai, et al
2024
- **Informing an investment case for Japanese encephalitis vaccine introduction in Bangladesh.** *Science advances*
Duque, M. P., Naser, A. M., Dos Santos, G. R., O'Driscoll, M., Paul, K. K., Rahman, M., Alam, M. S., Al-Amin, H. M., Rahman, M. Z., Hossain, M. E., Paul, R. C., Luby, S. P., Cauchemez, et al
2024; 10 (32): eadp1657
- **Measures to prevent and treat Nipah virus disease: research priorities for 2024-29.** *The Lancet. Infectious diseases*
Moore, K. A., Mehr, A. J., Ostrowsky, J. T., Ulrich, A. K., Moua, N. M., Fay, P. C., Hart, P. J., Golding, J. P., Benassi, V., Preziosi, M. P., Broder, C. C., de Wit, E., Formenty, et al
2024
- **Strategic vaccine stockpiles for regional epidemics of emerging viruses: A geospatial modeling framework.** *Vaccine*
Carlson, C. J., Garnier, R., Tiu, A., Luby, S. P., Bansal, S.
2024
- **Air pollution mortality from India's coal power plants: unit-level estimates for targeted policy** *ENVIRONMENTAL RESEARCH LETTERS*
Singh, K., Peshin, T., Sengupta, S., Thakrar, S. K., Tessum, C. W., Hill, J. D., Azevedo, I. M. L., Luby, S. P.
2024; 19 (6)
- **Influence of hydrometeorological risk factors on child diarrhea and enteropathogens in rural Bangladesh.** *PLoS neglected tropical diseases*
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PRESENTATIONS

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