Stanford

Anna Nguyen

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Bio

EDUCATION AND CERTIFICATIONS

- MPH, University of California, Berkeley , Epidemiology and Biostatistics (2021)
- BA, University of California, Berkeley , Public Health and Data Science (2020)

Publications

PUBLICATIONS

- **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
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- **Which social media platforms facilitate monitoring the opioid crisis?** *PLOS digital health*
  Carpenter, K. A., Nguyen, A. T., Smith, D. A., Samori, I. A., Humphreys, K., Lembke, A., Kiang, M. V., Eichstaedt, J. C., Altman, R. B.
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- **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.
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- **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
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- **Associations between weather and Plasmodium vivax malaria in an elimination setting in Peru: a distributed lag analysis.** *medRxiv : the preprint server for health sciences*
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- **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.
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- **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

- **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 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

- **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

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- **WASH interventions and child diarrhea at the interface of climate and socioeconomic position in Bangladesh.** *Nature communications*

  Ante-Testard, P. A., Rerolle, F., Nguyen, A. T., Ashraf, S., Parvez, S. M., Naser, A. M., Benmarhnia, T., Rahman, M., Luby, S. P., Benjamin-Chung, J., Arnold, B. F.

  2024; 15 (1): 1556

- **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

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- **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

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- **Rigour and reproducibility in perinatal and paediatric epidemiologic research using big data.** *Paediatric and perinatal epidemiology*

  Nguyen, A., Benjamin-Chung, J.

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- **Evaluation of a city-wide school-located influenza vaccination program in Oakland, California with respect to race and ethnicity: A matched cohort study.** *Vaccine*

  Nguyen, A. T., Arnold, B. F., Kennedy, C. J., Mishra, K., Pokpongkiat, N. N., Seth, A., Djajadi, S., Holbrook, K., Pan, E., Kirley, P. D., Libby, T., Hubbard, A. E., Reingold, et al

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- **City-wide school-located influenza vaccination: A retrospective cohort study.** *Vaccine*

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  2021

- **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

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- **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

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