

Stanford



Elana Chan

Ph.D. Student in Civil and Environmental Engineering, admitted Spring 2022

Bio

EDUCATION AND CERTIFICATIONS

- M.S., Stanford University , Civil and Environmental Engineering (2023)
- B.S., Tufts University , Environmental Engineering, Community Health (2021)

Publications

PUBLICATIONS

- **Examining the Optimal Placement of Cooling Centers to Serve Populations at High Risk of Extreme Heat Exposure in 81 US Cities.** *Public health reports (Washington, D.C. : 1974)*
Adams, Q. H., Chan, E. M., Spangler, K. R., Weinberger, K. R., Lane, K. J., Errett, N. A., Hess, J. J., Sun, Y., Wellenius, G. A., Nori-Sarma, A.
2023: 333549221148174
- **Identifying trends in SARS-CoV-2 RNA in wastewater to infer changing COVID-19 incidence: Effect of sampling frequency** *PLOS Water*
Chan, E. M., Kennedy, L. C., Wolfe, M. K., Boehm, A. B.
2023; 2 (4): e0000088
- **Human Colonization with Antibiotic-Resistant Bacteria from Nonoccupational Exposure to Domesticated Animals in Low- and Middle-Income Countries: A Critical Review.** *Environmental science & technology*
Swarthout, J. M., Chan, E. M., Garcia, D., Nadimpalli, M. L., Pickering, A. J.
2022
- **Respiratory Syncytial Virus (RSV) RNA in Wastewater Settled Solids Reflects RSV Clinical Positivity Rates** *ENVIRONMENTAL SCIENCE & TECHNOLOGY LETTERS*
Hughes, B., Duong, D., White, B. J., Wigginton, K. R., Chan, E. G., Wolfe, M. K., Boehm, A. B.
2022