

# Stanford

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### Publications

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#### PUBLICATIONS

- **Mitigating allocative tradeoffs and harms in an environmental justice data tool** *NATURE MACHINE INTELLIGENCE*  
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- **Leveraging genomic sequencing data to evaluate disease surveillance strategies.** *iScience*  
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2023; 26 (12): 108488
- **Improving adaptation to wildfire smoke and extreme heat in frontline communities: evidence from a community-engaged pilot study in the San Francisco Bay Area** *ENVIRONMENTAL RESEARCH LETTERS*  
Herbert, N., Beckman, C., Cannedy, C., Cao, J., Cho, S., Fischer, S., Huang, S., Kramer, S. J., Lopez, O., Lopez, S., Ouyang, D., Suckale, J., Wulf-Saena, et al  
2023; 18 (7)
- **Integrating social services with disease investigation: A randomized trial of COVID-19 high-touch contact tracing.** *PloS one*  
Lu, L. C., Ouyang, D., D'Agostino, A., Diaz, A., Rudman, S. L., Ho, D. E.  
2023; 18 (5): e0285752
- **Automated vs. manual case investigation and contact tracing for pandemic surveillance: Evidence from a stepped wedge cluster randomized trial.** *EClinicalMedicine*  
Raymond, C., Ouyang, D., D'Agostino, A., Rudman, S. L., Ho, D. E.  
2023; 55: 101726
- **How Redundant are Redundant Encodings? Blindness in the Wild and Racial Disparity when Race is Unobserved**  
Cheng, L., Gallegos, I. O., Ouyang, D., Goldin, J., Ho, D. E., ASSOC COMPUTING MACHINERY  
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- **Science Translation During the COVID-19 Pandemic: An Academic-Public Health Partnership to Assess Capacity Limits in California.** *American journal of public health*  
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1800; 112 (2): 308-315
- **A language-matching model to improve equity and efficiency of COVID-19 contact tracing.** *Proceedings of the National Academy of Sciences of the United States of America*  
Lu, L., Anderson, B., Ha, R., D'Agostino, A., Rudman, S. L., Ouyang, D., Ho, D. E.  
2021; 118 (43)
- **Evaluation of Allocation Schemes of COVID-19 Testing Resources in a Community-Based Door-to-Door Testing Program** *JAMA HEALTH FORUM*  
Chugg, B., Lu, L., Ouyang, D., Anderson, B., Ha, R., D'Agostino, A., Sujeer, A., Rudman, S. L., Garcia, A., Ho, D. E.  
2021; 2 (8): e212260
- **Rising Seas, Rising Inequity? Communities at Risk in the San Francisco Bay Area and Implications for Adaptation Policy** *Earth's Future*  
Bick, I., Santiago Tate, A. F., Serafin, K. A., Miltenberger, A., Ayansi, I., Evans, M., Ortolano, L., Ouyang, D., Suckale, J.  
2021; 9 (7)
- **When floods hit the road: Resilience to flood-related traffic disruption in the San Francisco Bay Area and beyond.** *Science advances*  
Kasmalkar, I. G., Serafin, K. A., Miao, Y., Bick, I. A., Ortolano, L., Ouyang, D., Suckale, J.

