

# Stanford

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## Lauren Gillespie

Ph.D. Student in Computer Science, admitted Autumn 2019

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### Bio

#### LINKS

- Academic Website: <https://cs.stanford.edu/~gillespl/>
- Google Scholar: <https://scholar.google.com/citations?user=XnzwIMUAAAAJ&hl=en&oi=ao>

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### Publications

#### PUBLICATIONS

- **Deep learning models map rapid plant species changes from citizen science and remote sensing data.** *Proceedings of the National Academy of Sciences of the United States of America*  
Gillespie, L. E., Ruffley, M., Exposito-Alonso, M.  
2024; 121 (37): e2318296121
- **The Limiting Dynamics of SGD: Modified Loss, Phase-Space Oscillations, and Anomalous Diffusion.** *Neural computation*  
Kunin, D., Sagastuy-Brena, J., Gillespie, L., Margalit, E., Tanaka, H., Ganguli, S., Yamins, D. L.  
2023: 1-25
- **Genetic diversity loss in the Anthropocene.** *Science (New York, N.Y.)*  
Exposito-Alonso, M., Booker, T. R., Czech, L., Gillespie, L., Hateley, S., Kyriazis, C. C., Lang, P. L., Leventhal, L., Nogues-Bravo, D., Pagowski, V., Ruffley, M., Spence, J. P., Toro Arana, et al  
2022; 377 (6613): 1431-1435