

Stanford



Claire Willing

Postdoctoral Scholar, Biology

Bio

HONORS AND AWARDS

- Graduate Research Fellowship, National Science Foundation (2014)
- Graduate Opportunities Worldwide (GROW); Brazil, National Science Foundation (2017)

PROFESSIONAL EDUCATION

- B.A., Occidental College, Biology (2012)
- Ph.D., University of California, Berkeley, Environmental Science, Policy, and Management (2019)

STANFORD ADVISORS

- Kabir Peay, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Nitrogen fertilization disrupts the temporal dynamics of arbuscular mycorrhizal fungal hyphae but not spore density and community composition in a wheat field.** *The New phytologist*
Babalola, B. J., Li, J., Willing, C. E., Zheng, Y., Wang, Y., Gan, H., Li, X., Wang, C., Adams, C. A., Gao, C., Guo, L.
2022
- **Keep your friends close: Host compartmentalisation of microbial communities facilitates decoupling from effects of habitat fragmentation.** *Ecology letters*
Willing, C. E., Pierroz, G., Guzman, A., Anderegg, L. D., Gao, C., Coleman-Derr, D., Taylor, J. W., Bruns, T. D., Dawson, T. E.
2021
- **Author Correction: Nonlinear shifts in infectious rust disease due to climate change.** *Nature communications*
Dudney, J., Willing, C. E., Das, A. J., Latimer, A. M., Nesmith, J. C., Battles, J. J.
2021; 12 (1): 5326
- **Nonlinear shifts in infectious rust disease due to climate change.** *Nature communications*
Dudney, J., Willing, C. E., Das, A. J., Latimer, A. M., Nesmith, J. C., Battles, J. J.
2021; 12 (1): 5102
- **The generalizability of water-deficit on bacterial community composition; Site-specific water-availability predicts the bacterial community associated with coast redwood roots** *MOLECULAR ECOLOGY*
Willing, C. E., Pierroz, G., Coleman-Derr, D., Dawson, T. E.
2020