Stanford

Callie Chappell

Postdoctoral Scholar, Biology

Bio

HONORS AND AWARDS

- Graduate Research Fellowship (GRFP), National Science Foundation (2017)
- Hubert Shaw and Sandra Lui Graduate Fellowship (SGF), Stanford University (2017)
- Excellence in Teaching Award, Department of Biology, Stanford (2019)
- Frances Lou Kallman Award, Department of Biology, Stanford (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Graduate Council Chair (2020), American Society of Naturalists (2019 - present)
- Member, American Society of Microbiology (2018 - present)
- Member, Ecological Society of America (2018 - present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , BIO-PHD (2023)
- B.S., University of Michigan , Biology (2016)
- M.Sc., University of Michigan , Molecular, Cellular, & Developmental Biology (2017)

STANFORD ADVISORS

- Kabir Peay, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **A niche for ecology and evolution in microbial biotechnology.** *Trends in ecology & evolution*
  Chappell, C. R., Shurin, J. B.
  2025
- **Protect transgender scientists.** *Science (New York, N.Y.)*
  Sinnott-Armstrong, N., Forsythe, D., Benoit, J. M., Chappell, C. R., Coe, L. S., de Oliveira, B. F., Evans, N., Fagre, A. C., Gilligan, J. M., Hamilton, M., Henneberry, C. M., Ishaq, S. L., Johnston, et al
  2025; 388 (6753): 1283-1284
- **Creating a Popular Foundation for the Bio-Age** *ISSUES IN SCIENCE AND TECHNOLOGY*
  Chappell, C. R., Quiroz, A., Kong, D., Endy, D.
  2025; 41 (4)

- **Building an inclusive culture at scientific meetings: foundations for future progress.** *Microbiology (Reading, England)*
  Maringer, K., Cunningham-Oakes, E., Lane, F., Jones, K. L., Rodrigues de Oliveira, B. F., Baba-Dikwa, A., Mitra, A., Perez-Sepulveda, B., Chappell, C. R., Macori, G., Donovan-Banfield, I., Vohra, P., Casey, et al
  2025; 171 (2)

- **Queer- and trans-inclusive faculty hiring-A call for change.** *PLoS biology*
  Weissman, J. L., Chappell, C. R., Francesco Rodrigues de Oliveira, B., Evans, N., Fagre, A. C., Forsythe, D., Frese, S. A., Gregor, R., Ishaq, S. L., Johnston, J., K R, B., Matsuda, S. B., McCarren, et al
  2024; 22 (11): e3002919

- **Transcriptional Responses to Priority Effects in Nectar Yeast.** *Molecular ecology*
  Chappell, C. R., Goddard, P. C., Golden, L. A., Hernandez, J., Ortiz Chavez, D., Hossine, M., Herrera Paredes, S., VanValkenburg, E., Nell, L. A., Fukami, T., Dhami, M. K.
  2024: e17553

- **Building a queer- and trans-inclusive microbiology conference.** *mSystems*
  Gregor, R., Johnston, J., Coe, L. S., Evans, N., Forsythe, D., Jones, R., Muratore, D., de Oliveira, B. F., Szabo, R., Wan, Y., Williams, J., Chappell, C. R., Matsuda, et al
  2023: e0043323

- **Fostering science-art collaborations: A toolbox of resources.** *PLoS biology*
  Chappell, C. R., Muglia, L. J.
  2023; 21 (2): e3001992

- **Wide-ranging consequences of priority effects governed by an overarching factor.** *eLife*
  Chappell, C. R., Dhami, M. K., Bitter, M. C., Czech, L., Herrera Paredes, S., Barrie, F. B., Calderon, Y., Eritano, K., Golden, L., Hekmat-Scafe, D., Hsu, V., Kieschnick, C., Malladi, et al
  2022; 11

- **Bioengineering Everywhere, for Everyone** *ISSUES IN SCIENCE AND TECHNOLOGY*
  Chappell, C. R., Perez, R., Takara, C.
  2022; 38 (3): 88-90

- **Nectar yeasts: a natural microcosm for ecology.** *Yeast (Chichester, England)*
  Chappell, C. R., Fukami, T.
  2018; 35 (6): 417–23

- **Nectar yeasts: a natural microcosm for ecology** *YEAST*
  Chappell, C. R., Fukami, T.
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