

Stanford



Daniel Bowling, PhD

Instructor, Psychiatry and Behavioral Sciences

 Curriculum Vitae available Online

Bio

BIO

Dr. Bowling is an instructor in the department of Psychiatry and Behavioral Sciences at Stanford University School of medicine. His research is focused on auditory-vocal communication in social functioning and mental health.

Dr. Bowling earned his PhD in Neurobiology from Duke University School of Medicine, going on to complete postdoctoral and fellowship work at the University of Vienna in Austria. He holds graduate certificates in Cognitive Neuroscience and Translational Medicine, and undergraduate degrees in Biological Psychology and Neurophilosophy. He joined Stanford in December of 2018.

Dr. Bowling has published over 30 scientific articles in journals such as Science, PNAS, Trends in Cognitive Science, Scientific Reports, Proceedings of the Royal Society B, and PLoS Biology. His work has been recognized with plaudits including an innovation award from the Social and Affective Neuroscience society, a young investigator award from the faculty of life science at the University of Vienna, and awards for best talk and best poster at international conferences. He has received funding at institutional and federal levels in the United States and in Austria.

ACADEMIC APPOINTMENTS

- Instructor, Psychiatry and Behavioral Sciences

LINKS

- Ocid page: <https://orcid.org/0000-0002-5303-5472>

Publications

PUBLICATIONS

- **Selection on vocal output affects laryngeal morphology in rats.** *Journal of anatomy*
Lesch, R., Schwaha, T., Orozco, A., Shilling, M., Brunelli, S., Hofer, M., Bowling, D. L., Zimmerberg, B., Fitch, W. T.
2021
- **Is consonance attractive to budgerigars? No evidence from a place preference study.** *Animal cognition*
Wagner, B., Bowling, D. L., Hoeschele, M.
2020
- **Claims of categorical primacy for musical affect are confounded by using language as a measure.** *Proceedings of the National Academy of Sciences of the United States of America*
Bowling, D. L.
2020

- **Rapid evolution of the primate larynx?** *PLoS biology*
Bowling, D. L., Dunn, J. C., Smaers, J. B., Garcia, M. n., Sato, A. n., Hantke, G. n., Handschuh, S. n., Degg, S. n., Kerney, M. n., Kitchener, A. C., Gumpenberger, M. n., Fitch, W. T.
2020; 18 (8): e3000764
- **Pupillometry of Groove: Evidence for Noradrenergic Arousal in the Link Between Music and Movement** *FRONTIERS IN NEUROSCIENCE*
Bowling, D. L., Ancochea, P., Hove, M. J., Fitch, W.
2019; 12
- **Temporal modulation in speech, music, and animal vocal communication: evidence of conserved function.** *Annals of the New York Academy of Sciences*
Filippi, P. n., Hoeschele, M. n., Spierings, M. n., Bowling, D. L.
2019
- **Comparing Chalk With Cheese-The EGG Contact Quotient Is Only a Limited Surrogate of the Closed Quotient** *JOURNAL OF VOICE*
Herbst, C. T., Schutte, H. K., Bowling, D. L., Svec, J. G.
2017; 31 (4): 401–9