

ELEONORA J. BEIER

+1 (530) 903 7116 | ejbeier@ucdavis.edu |

[linkedin.com/in/eleonora-beier-10aa16145/](https://www.linkedin.com/in/eleonora-beier-10aa16145/) | eleonorajbeier.wixsite.com/ejbeier

EMPLOYMENT

Postdoctoral Scholar | *Center for Mind and Brain*
University of California, Davis

Sept. 2022 – August 2025
Davis, CA

EDUCATION

Ph. D. | *Psychology*
University of California, Davis

March 2019 – Sept. 2022
Davis, CA

M. A. | *Psychology*
University of California, Davis

Sept. 2016 – March 2019
Davis, CA

B. A. | *Psychology, Concentration: Mind, Brain and Behavior*
Bard College

August 2012 – May 2016
Annandale-on-Hudson, NY

PUBLICATIONS

Beier, E. J., & Ferreira, F. (in press). Do disfluencies increase with age? Evidence from a sequential corpus study of disfluencies. *Psychology and Aging*.

Coretta, S., Casillas, J., ... **Beier, E. J.,** ... & Roettger, T. (in press). Multidimensional signals and analytic flexibility: Estimating degrees of freedom in human speech analyses. *Advances in Methods and Practices in Psychological Science*.

Beier, E. J., & Ferreira, F. (2022). Replication of Cutler, A., & Fodor, J. A. (1979). Semantic focus and sentence comprehension. *Cognition*, 7(1), 49–59. *Journal of Memory and Language*, 126, 104339. <https://doi.org/10.1016/j.jml.2022.104339>

Beier, E. J., Janata, P., Hulbert, J. C., & Ferreira, F. (2022). Do you chill when I chill? A cross-cultural study of strong emotional responses to music. *Psychology of Aesthetics, Creativity, and the Arts*, 16(1), 74–96. <https://doi.org/10.1037/aca0000310>

Beier, E. J., Chantavarin, S., Rehrig, G., Ferreira, F., & Miller, L. M. (2021). Cortical tracking of speech: Towards collaboration between the fields of signal and sentence processing. *Journal of Cognitive Neuroscience*, 33 (4), 574–593. <https://doi.org/10.1162/jocn.a.01676>

Beier, E. J., & Ferreira, F. (2018). The temporal prediction of stress in speech and its relation to musical beat perception. *Frontiers in Psychology*, 9, 431. <https://doi.org/10.3389/fpsyg.2018.00431>

CONFERENCE PRESENTATIONS

Invited Talks

Beier, E. J., Cohn, M., Trammel, T., Ferreira, F., & Zellou, G. (2021). Prosodic focus in speech directed toward human vs. voice-AI interlocutors. *Cluster on Language Research*. University of California, Davis, CA.

Talks

Beier, E. J., Cohn, M., Trammel, T., Ferreira, F., & Zellou, G. (2021). Prosodic focus in speech directed toward human vs. voice-AI interlocutors. *Language-Music-Gesture: Information Crossroads*. Hosted virtually by the University of St. Petersburg, Russia.

- Ferreira, F., Rehrig, G., Barker, M., **Beier, E. J.**, Chantavarin, S., Cotter, B., Qiu, Z., Lowder, M., & Karimi, H. (2021). Back to the future: Do influential results from 1980s psycholinguistics replicate? *34rd Annual Human Sentence Processing Conference*. Hosted virtually by the University of Pennsylvania.
- Beier, E. J.**, Chantavarin, S., & Ferreira, F. (2020). Age doesn't matter, but speech rate does: A longitudinal corpus study of disfluencies. *Psychonomic Society 61st Annual Meeting*. Hosted virtually. (Featured as part of a special coverage)
- Beier, E. J.**, Chantavarin, S., & Ferreira, F. (2019). Age doesn't matter, but speech rate does: A longitudinal corpus study of disfluencies. *California Meeting on Psycholinguistics*. University of California, Santa Cruz, CA.
- Beier, E. J.**, Janata, P., Hulbert, J., & Ferreira, F. (2019). Similar acoustic events lead to strong emotional responses in music across cultures. *Biennial Meeting of the Society for Music Perception and Cognition*. New York University, New York City, NY.
- Beier, E. J.**, Janata, P., Hulbert, J., & Ferreira, F. (2018). Do you chill when I chill? A cross-cultural study of strong emotional responses to music. *Spring Psychology Conference*. University of California, Davis, CA.
- Beier, E. J.**, Janata, P., Hulbert, J., & Ferreira, F. (2017). Do you chill when I chill? A cross-cultural study of strong emotional responses to music. *International summer school: Music, language and cognition*. Lake Como School of Advanced Studies, Como, Italy.
- Beier, E. J.**, Rehrig, G., & Stromswold, K. (2015). Acoustic cues for active and passive structure vary for different verbs. *Westchester Undergraduate Research Conference*. Manhattanville College, Purchase, NY.

Posters

- Beier, E. J.**, Breska, A., Miller, L., Oganian, Y., Mangun, G., & Swaab, T. (2023). The role of anticipatory attention during spoken language comprehension and its encoding in alpha amplitude modulations. *Cognitive Neuroscience Society Annual Meeting*. San Francisco, CA.
- Beier, E. J.**, & Ferreira, F. (2022). Discourse focus facilitates processing during online sentence comprehension: A successful replication of Cutler and Fodor's (1979) influential findings. *Psychonomic Society 63rd Annual Meeting*. Boston, MA. (Recipient of the Psychonomic Society Graduate Conference award)
- Beier, E. J.**, Cohn, M., Ferreira, F., & Zellou, G. (2021). Prosodic focus in human- versus voice-AI-directed speech. *Linguistic Society of America 95th Annual Meeting*. Hosted virtually. (Featured as part of a media advisory)
- Beier, E. J.**, & Ferreira, F. (2020). The interaction of syntactic focus and semantic predictability in comprehension. *33rd Annual Human Sentence Processing Conference*. Hosted virtually by the University of Massachusetts, Amherst, MA.
- Beier, E. J.**, Chantavarin, S., & Ferreira, F. (2020). Age doesn't matter, but speech rate does: A longitudinal corpus study of disfluencies. *33rd Annual Human Sentence Processing Conference*. Hosted virtually by the University of Massachusetts, Amherst, MA.
- Beier, E. J.**, Janata, P., Hulbert, J., & Ferreira, F. (2019). Do you chill when I chill? A cross-cultural study of strong emotional responses to music. *Spring Psychology Conference*. University of California, Davis, CA.
- Beier, E. J.**, Janata, P., Hulbert, J., & Ferreira, F. (2018). Do you chill when I chill? A cross-cultural study of strong emotional responses to music. *Psychonomic Society 59th Annual Meeting*. New Orleans, LA.
- Beier, E. J.**, Rehrig, G., & Stromswold, K. (2015). Acoustic cues for active and passive structure vary for different verbs. *Eastern Psychological Association Conference*. Philadelphia, PA.

AWARDS AND HONORS

Funding

Ruth L. Kirschstein Postdoctoral Individual National Research Service Award (F32) National Institutes of Health	2022–2025
Graduate Conference Award Psychonomic Society	2022
Dissertation Quarter Fellowship University of California, Davis	2022
Graduate Research Fellowship National Science Foundation	2016–2021
Dukes Travel Award University of California, Davis	2018
Paid Summer Internship Bard Summer Research Institute	2015
Research Experience for Undergraduates National Science Foundation	2014
Louie Scholarship Kim and Harold Louie Family Foundation	2012–2013

Academic Awards & Honors

Selected for Early Career Roundtable Symposium for Cognitive Auditory Neuroscience	2021
Dr. Siegel Memorial Prize in Science for academic excellence Bard College	2016
John Bard award for outstanding academic achievement Bard College	2015
Werner Wolff award for excellence in the field of psychology Bard College	2014
Course Design Contest Winner Experimental Humanities, Bard College	2014

Professional Memberships

Psi Chi International Honor Society in Psychology
Cognitive Science Society
Psychonomic Society
Society for Music Perception and Cognition
SPARK Society
Cognitive Neuroscience Society

SKILLS

Research methods:

EEG, Eye-tracking, behavioral (surveys, self-paced reading), speech production, skin conductance.

Software:

R Studio, MATLAB, ERPLab, Experiment Builder, Presentation, E-Prime, Qualtrics, Ibex Farm, SPSS, Praat, Audacity, Excel.

Programming languages: R, MATLAB, Python, limited LaTeX experience.

Languages: English (fluent), Italian (native).

Music: Piano, 18 years.

TEACHING AND MENTORING EXPERIENCE

University of California, Davis, CA

Instructor of Record Cognitive Psychology	Summer 2020
Teaching Practicum Cognitive Psychology	Winter 2020
Discussion Leader General Psychology	Winter 2019
Teaching Assistant Cognitive Psychology, General Psychology, Language and Cognition, Psychology of Music, Social Development	2018–2022
Mentor Mentor-Mentee Program in Humanities, Arts, Cultural Studies and Social Sciences	2021
Peer Mentor Psychology Graduate Peer Mentoring Program	2020–2021

Bard College, NY

Course Designer Designed and organized a new course titled <i>A Comparative Approach to Music Cognition</i> .	2014–2015
Psychology Tutor and Peer Mentor Psychology Program	2014–2016
Tutor of English as a Second Language Learning Commons	2014–2015

SERVICE AND OUTREACH

Conference Organizer/Volunteer 13th Meeting of the Society for the Neurobiology of Language	2021
UC Davis Spring Psychology Conference	2018–2019
31st Annual Human Sentence Processing Conference	2018
Ad-Hoc Reviewer Frontiers in Human Neuroscience, Neuropsychologia, Laboratory Phonology, Cognition, i-Perception	2018–present
Representative Psychology Graduate Student Association, UC Davis	2017–2019
Invited Panelist/Volunteer Speaker F Grant Writing Workshop, UC Davis	Winter 2023
NSF GRFP Workshop, UC Davis	10/9/2020
Grant Writing Panel, UC Davis	10/21/2022, 10/14/2020, 11/13/2019
Psi Chi Graduate Student Panel, UC Davis	10/15/2019
Tabling Event Organizer Psychological illusions tabling at Picnic day Pre-week, UC Davis	2019
Organized and participated in a public outreach event on behalf of the Graduate Student Association.	
Study Room Co-Creator Psychology Program, Bard College	2014–2015
Was involved in the creation of a study room offering tutoring and a space for discussion for students of Psychology.	