Constance Bainbridge - Curriculum Vitae

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Education

2020 – 2026	University of California, Los Angeles – PhD in Communication (Mentored by: Dr. Rick Dale & Dr. Greg Bryant)
2020-2022	University of California, Los Angeles – MS in Communication (Mentored by: Dr. Greg Bryant & Dr. Rick Dale)
2020	Front-End Web Development Graduate Certificate – Harvard Extension School
2008 – 2012	Boston University, Bachelor of Music (BM) in String Performance (Violin)
2010	Royal College of Music in London, United Kingdom

Academia positions

2026 – present	University of Chicago – Postdoctoral scholar (Adviser – Dr. Fan Yang)
2020	Contract web developer - Pushkin, the Language Learning Lab (PI: Dr. Joshua Hartshorne) at Boston College
2018 – 2020	Research assistant and developer, the Music Lab (PI: Dr. Samuel Mehr) at Harvard University, Department of Psychology
2018 – 2020	Lab manager, Evolutionary Psychology Lab (PI: Dr. Max Krasnow) at Harvard University, Department of Psychology
2012 – 2015	Research assistant, Computational Perception and Cognition team (PI: Dr. Aude Oliva) at Massachusetts Institute of Technology, Computer Science and Artificial Intelligence Laboratory (MIT CSAIL)

Publications

In prep (manuscripts available upon request)

Bainbridge, C. M., Yoshimi, J., Isacoff, N. M., & Dale, R. (Submitted). Inevitability of internal communication.

Isacoff, N. M., **Bainbridge, C. M.**, Dale, R. (Submitted). Communication without interlocutors: The pragmatics of intrapersonal coordination.

Rosen, Z. P., Miao, G. Q., **Bainbridge, C. M.,** Dale, R. (Submitted). The dynamical, complex structure of common ground: Three parameters shape how speakers verbally co-construct common ground during conversation.

Bainbridge, C. M. & Bryant, G. A. (In prep). Perception of group size across different co-vocalization types.

Bainbridge, C. M., Isacoff, N. M., Terwilliger, J., Bryant, G., & Dale, R. (In prep). Spoken versus typed streams-of-consciousness.

Peer reviewed

Bainbridge, C.M., Bryant, G., & Dale, R. (2025). Reconsidering intrapersonal communication through an interdisciplinary lens. *Frontiers in Psychology*, 16, 1569493.

Bainbridge, C. M., Rosen, Z. P., & Dale, R. (2025). Thinking through the past, present, and future: Language convergence-entropy is influenced by when you think of and how you feel. In *Proceedings of the Annual Meeting of the Cognitive Science Society,* (Vol. 47)

Bertolo, M., Snarskis, M., Kyritsis, T., Yurdum, L., **Bainbridge, C. M.**, Atwood, S., ... & Mehr, S. A. (2025). The Expanded Natural History of Song Discography, a global corpus of vocal music. *Open Mind*, *9*, 844-863. [Link]

Bainbridge, C. M. & Dale, R. (2023). Thinking about life in COVID-19: Exploratory analysis of the influence of temporal framing on streams of consciousness. *PLOS ONE, 18*(4): e0285200. [Link]

Bryant, G. A. & **Bainbridge, C. M.** (2022). Laughter and culture. *Philosophical Transactions B*. [Link]

Hilton, C. B., Moser, C. J., Bertolo, M., Lee-Rubin, H., Amir, D., **Bainbridge, C. M.**, …, Mehr, S. A. (2022). Acoustic regularities in infant-directed speech and song across cultures. *Nature Human Behavior*. [Link]

Bainbridge, C. M., Bertolo, M., Youngers, J., Atwood, S., Yurdum, L., Simson, J., Lopez, K., Xing, F., Martin, A., Mehr, S. A. (2021). Infants relax in response to unfamiliar foreign lullabies. *Nature Human Behavior*. [Link]

Mehr, S. A., Singh, M., Knox, D., Ketter, D. M., Pickens-Jones, D., Atwood, S., Lucas, C., Egner, A., Jacoby, N., Hopkins, E. J., Howard, R. M., Hartshorne, J. K., Jennings, M. V., Simson, J., **Bainbridge, C. M.**, Pinker, S., O'Donnell, T. J., Krasnow, M. M., & Glowacki, L. (2019). Universality and diversity in human song. *Science*. [Link]

Bainbridge, C. M., Bainbridge, W. A., Oliva, A. (2015). Quadri-stability of a spatially ambiguous auditory illusion. *Frontiers in Human Neuroscience*. [Link]

Bylinskii, Z., Isola, P., **Bainbridge, C.M.**, Torralba, A., & Oliva, A. (2015). Intrinsic and Extrinsic Effects on Image Memorability. *Vision Research*. [Link]

Borkin, M., Bylinskii, Z., Kim, N. W., **Bainbridge, C. M.**, Yeh, S. C., Borkin, D., Pfister, H., Oliva, A. Beyond Memorability: Visualization Recognition and Recall. *IEEE Transactions on Visualization and Computer Graphics (Proceedings of InfoVis 2015)*. [Link]

Other publications

Bainbridge, C. M. (2025). Review of "The Science of Sadness: A New Understanding of Emotion." by David Huron. *The Quarterly Review of Biology*, *100*(4), 346-347. [Link]

Bainbridge, C. M. (2025). Review of "Evolutionary Psychology: The Basics" by Will Reader and Lance Workman. *The Quarterly Review of Biology*, *100*(1), 39-40. [Link]

Bryant, G. A. & **Bainbridge, C. M.** (2022). Signals and cues of social groups: Commentary on Pietraszewski. *Behavioral and Brain Sciences*. [Link]

Scholarships, awards, and funded programs

2025	CIFAR Neuroscience of Consciousness Winter School, Montebello, QC, Canada Team Grant Pitch Competition winner
2025	JsPsych Hackathon – Vassar College, Poughkeepsie, NY
2024	Communication Research Merit Award – summer and winter (UCLA)
2024	Qualia Structure Summer School – Osaka and Awaji Island, Japan
2023-2024	UCLA Graduate Research Mentorship Program (GRM)
2023	Diverse Intelligences Summer Institute (DISI) Early Career Collaboration Enhancement (ECCE) award
2022	Diverse Intelligences Summer Institute (DISI) Research Fellow – St. Andrews, Scotland
2022	UCLA Graduate Summer Research Mentorship Program (GSRM)
2021	UCLA Summer Mentored Research Fellowship (SMRF)
2008 – 2012	Boston University Grant & Music Department Performance Award

Presentations

Talks

Bainbridge, C. M. (2024). The self as sender and receiver: Does traditional communication apply to self-directed behavior? *Communicating Within the Self: Theories, Methods, and Open Questions*, UCLA workshop, Los Angeles, CA.

Bainbridge, C. M. & Dale, R. (2023). Computational approaches to studying streams-of-consciousness. *53rd Annual Meeting of the Society for Computation in Psychology (SCiP)*, San Francisco, CA.

Bainbridge, C. M. & Bryant, G. A. (2023). Perception of group size across different co-vocalization types. *Human Behavior and Evolution Society (HBES)*, Palm Springs, CA.

Bainbridge, C. M. & Bryant, G. A. (2022). The perception of group vocal emotional signals. *International Society for Research on Emotion (ISRE)*, Los Angeles, CA.

Bainbridge, C. M. & Bryant, G. A. (2022). Laughter production and perception across cultures. *Society for Cross-Cultural Research (SCCR)*, San Diego, CA.

Posters

Isacoff, N. M., **Bainbridge, C. M.**, Terwilliger, J., Dobkins, K., Yoshimi, J., Allen, L., Mills, C., Brinthaupt, T., & Dale, R. (2025, May). Communication within the self. *Dubrovnik Conference on Cognitive Science. Understanding the Self and the Other*

Bainbridge, C. M., Youngers, J., Bertolo, M., Atwood, S., Yurdum, L., Lopez, K., Xing, F., Martin, A., & Mehr, S. A. (2020, August). Infants relax in response to unfamiliar foreign lullabies. *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society* (virtual conference due to COVID-19)

Bainbridge, C. M., Youngers, J., Bertolo, M., Atwood, S., Yurdum, L., Lopez, K., Xing, F., Martin, A., & Mehr, S. A. (2020, July). Cultural invariance in infant responses to world music. *Poster presented at the biennial meeting of the International Congress of Infant Studies* (virtual conference due to COVID-19)

Jessani, G., Simson, J., **Bainbridge, C. M.**, & Mehr, S. A. (2020, April). Motivation and music: Does motivation matter? *Poster presented at the Harvard Graduate School of Education Student Research Symposium.*

Moser, C., Lee-Rubin, H., Infant-Directed Vocalization Collaboration, **Bainbridge, C. M.**, Atwood, S., Krasnow, M. M., Mehr, S. A. (2019, March). Acoustical regularities in infant-directed vocalizations worldwide. *Poster presented at the 177th Meeting of The Acoustical Society of America*, Louisville, KY, USA.

Bainbridge, C. M., Atwood, S., Xing, F., Bertolo, M., Lopez, K., Bitran, A., Youngers, J., & Mehr, S. A. (2019). Infant responses to foreign lullabies differ from responses to other foreign vocal music. *Poster presented at the Biennial Meeting of the Society for Research in Child Development*, Baltimore, MD, USA.

Bainbridge, C. M., Oliva, A. (2014). "Perceptual Biasing of a Continuous Auditory Quadri-stable Illusion." *Journal of Vision, 14 (10), 435. Poster presented at VSS (Vision Sciences Society)*.

Bainbridge, C. M., Bainbridge, W. A., & Oliva, A. (2013). Introducing a Quadri-stable Auditory Spatial Illusion: Imagining Objects Moving Through Space. *Journal of Vision, 13 (9), 1074. Poster presented at VSS (Vision Sciences Society).*

Bainbridge, C. M., Bainbridge, W. A., & Oliva, A. (2013). Tricking the Ear: Using a Quadri-stable Auditory Illusion to Influence Sound Localization. *Poster in the Auditory Perception, Cognition, and Action Meeting (APCAM), as part of the Annual Meeting of the Psychonomic Society*.

Press and media

Oyama, G. (2025, January 9). Exploring intrapersonal communication in speech therapy. *Speech Therapy PD* [Live video podcast]. https://www.speechtherapypd.com/ [Link to recording]

Kalantari, S. (2021, April 1). Episode 88: How music soothes us. *The Science of Happiness* [Audio podcast]. [Link]

Compton, K.C. (2021, January 19). Infants the world over can spot a lullaby—in any language. *Early Learning Nation*. [Link]

Anderer, J. (2020, November 13). Goodnight, buenas noches: Foreign language lullabies help babies relax too. *StudyFinds.* [Link]

Bakalar, N. (2020, October 28). A lullaby by any other name would sound as sweet. *The New York Times*. [Link]

Higginbotham, E. (2020, October 26). Infants are soothed by unfamiliar and foreign lullabies. *The Naked Scientists* [Audio podcast]. [Link]

Aggarwal-Schifellite, M. (2020, October 19). Frère Jacques, are you sleeping? Research shows lullabies in any language relax babies. *The Harvard Gazette*. [Link]

Teaching experience

Instructor of record

Summer 2025, Summer 2026: Evolution of Interpersonal Communication (COMM 126 – UCLA)

Teaching assistant

Winter 2026: Comm 110 - Gender Communication (COMM 110 – Dr. Karyl Kicenski)

Fall 2025: Evolution of Interpersonal Communication (COMM 126 – Dr. Greg Bryant, UCLA)

Spring 2025: Varieties in Interpersonal Communication (COMM 188B – Dr. Daria Bahtina, UCLA)

Winter 2025: Evolutionary Psychology (ANTHRO 124Q Teaching Assistant – Dr. H. Clark Barrett, UCLA)

Fall 2024: Natural Language Processing for Social Science (COMM 188C – Dr. Elisa Kreiss, UCLA)

Summer 2024: Global Internship Program (Session A – COMM 195 – Dr. Greg Bryant, UCLA)
Social Networking (Session C – COMM 156 – Dr. Steven Peterson, UCLA)

Winter 2024: Evolution of Interpersonal Communication (COMM 126 – Dr. Greg Bryant, UCLA)

Summer 2023; Winter 2023; Winter 2022: Communication Science (COMM 100 – Dr. Gabe Jones, UCLA)

Spring 2023: Social Cognition (COMM M123 – Dr. Steve Stroessner, UCLA)

Fall 2022; Fall 2021: Communication Development (COMM 121 – Dr. Anne Warlaumont, UCLA)

Spring 2022: Voice and its Perception (COMM 119 – Dr. Anne Warlaumont, UCLA)

Guest lectures

Fall 2023: "Conducting research online using JsPsych." Research Methods in Communication Science (COMM 220)

Spring 2023: "Judgement." Social Cognition (COMM M123)

Fall 2022; Fall 2021: "Cross-cultural comparisons of infant-directed vocalizations." Communication Development (COMM 121)

Organization and community experience

September 2023-June 2025: Graduate student administrator for the *Center for Behavior, Evolution & Culture* talk series, UCLA Department of Anthropology.

April 25-26, 2024: Lead organizer for workshop: *Communicating Within the Self: Theories, Methods, and Open Questions*, Los Angeles, CA.

Summer 2020: Assisted with running *Moving Research Online – JsPsych and Pushkin* workshop led by Dr. Josh de Leeuw and Dr. Josh Hartshorne.

Reviewed for: Cognitive Science, Philosophical Psychology, Philosophical Transactions, Developmental Science, Frontiers in Computer Science, Human Arenas, Humanities and Social Sciences Communications