

Christopher L.L. Welker

Department of Psychological and Brain Sciences
Dartmouth College, Hanover, NH

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EDUCATION

Dartmouth College, Guarini School of Graduate and Advanced Studies, Hanover, NH Degree expected 2025
Ph.D. candidate in the Department of Psychological and Brain Sciences
Advisor: Dr. Thalia Wheatley

Cornell University, College of Arts & Sciences, Ithaca, NY Class of 2018
Bachelor of Arts *magna cum laude* with Distinction in All Subjects
Major: Psychology
GPA: 4.00 | Major GPA: 4.00
GRE: Verbal-167 (98%), Quantitative- 164 (87%)

RESEARCH EXPERIENCE

Lab Manager, Dr. Thalia Wheatley (Social Neuroscience), Dartmouth July 2018-July 2019
Research Assistant, Dr. Amy Krosch (Social Neuroscience), Cornell Aug. 2017-May 2018
Lab Manager/Honors Student, Dr. Thomas Gilovich (Social Psychology), Cornell Aug. 2015 – May 2018
Research Assistant, Dr. Natalie Bazarova (Social Media Lab), Cornell Nov. 2014 – Jul. 2015

PUBLICATIONS

Welker, C., Wheatley, T., Cason, G., Gorman, C., & Meyer, M. (2024). Self-views converge during enjoyable conversations. *Proceedings of the National Academy of Sciences*, 121(43), e2321652121.
Sievers, B., **Welker, C.**, Hasson, U., Kleinbaum, A. M., & Wheatley, T. (2024). Consensus-building conversation leads to neural alignment. *Nature Communications*, 15(1), 3936.
Welker, C., Walker, J. T., Boothby, E. J., & Gilovich, T. (2023). Pessimistic assessments of ability in informal conversation. *Journal of Applied Social Psychology*. 1-15.

PUBLISHED CONFERENCE PROCEEDINGS

Mahaphanit, W.*, **Welker, C.***, Schmidt, H., Chang, L., & Hawkins, R. (2024). When and why does shared reality generalize? *Proceedings of the 46th Annual Conference of the Cognitive Science Society*.
Mahaphanit, W., **Welker, C.**, Schmidt, H., Chang, L., & Hawkins, R. (2024). How does shared reality generalize? *Proceedings of the 2024 Conference on Cognitive Computational Neuroscience*.
Xu, B., Chang, P.F., **Welker, C. L.**, Bazarova, N., & Cosley, D. (2016). Automatic archiving versus default deletion: What Snapchat tells us about ephemerality in design. Presented at *The 19th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*, San Francisco, USA.

MANUSCRIPTS UNDER REVIEW

Elfenbein, H. A., Jang, D., Kleinbaum, A., & **Welker, C.** (2023). The choice that chooses you back: Introducing social variety-seeking as a trait predicting greater network brokerage through building connections with previously disconnected others.
Finn, K. R., **Welker, C.**, Atkisson, C., Nathman, A., Vandeleest, D'Souza, R., & McCowan, B. (2023). Multilayer mating strategies: So you've got the moves but have you got the touch?
Hyon, R., Wheatley, T., Kleinbaum, A., **Welker, C.**, & Parkinson, C. (2023). Pre-existing neural similarity predicts the formation and persistence of future friendships.

*Shared first author

Advisees are [underlined](#)

MANUSCRIPTS IN PREPARATION

Welker, C., Templeton, E., & Wheatley, T. (expected 2025). The affective benefits of social diversity.

Welker, C.*, Lee, C.*, Kleinbaum, A., & Wheatley, T. (expected 2025). Social contact is necessary for personality-based homophily.

Welker, C., Knotts, J., Boncz, A., Lee, C., Sievers, B., & Wheatley, T. (expected 2025). Shared neural dynamics surrounding the introduction of novel information in joint improvised stories.

PREPRINTS

Welker, C., & Wheatley, T. (2020). Trading faces: Complete computer generated faces seem more alive than those with human eyes.

TALKS

Welker, C.*, Mahaphanit, W.*, Schmidt, H., Chang, L., & Hawkins, R. (2024). When and why does shared reality generalize? Presented at the Shared Reality Virtual Conference, virtual.

Welker, C., Wheatley, T., Cason, G., Gorman, C., & Meyer, M. (2024). Personalities temporarily align during enjoyable conversations. Presented at the Computational Psychology Preconference at the Society for Personality and Social Psychology Annual Convention, San Diego, CA.

Welker, C., Wheatley, T., & Meyer, M. (2023). Personalities temporarily align during enjoyable conversations. Presented at the Shared Reality Preconference at the Society for Personality and Social Psychology Annual Convention, Atlanta, GA.

Welker, C., Templeton, E., & Wheatley, T. (2023). The affective benefits of social diversity hinge on emotional stability. Presented at the Society of Personality and Social Psychology Annual Convention, Atlanta, GA.

Welker, C. (2022). The anatomy of a paper. Guest lecture for PSYC177, Hanover, NH.

Welker, C. (2022). Personality in conversation. Guest lecture for PSYC11, Hanover, NH.

Welker, C., Walker, J. T., Boothby, E. J., & Gilovich, T. (2022). Pessimistic assessments of conversational ability. Presented at the Annual Conference of the International Association for Conflict Management, Ottawa, Canada.

Welker, C. (2022). Social flexibility within and across conversations. Presented to Emotion and Behavior Lab (PI – Adrienne Wood), virtual.

Fam, M., Welker, C., & Wheatley, T. (2022). Comparing centrality and behavior between online and in-person social networks. Presented at Bringing Intragroup Processes back to Social Psychology Preconference at the Society for Personality and Social Psychology Annual Convention, virtual.

Welker, C., Wheatley, T., France, D., Reid, G., & Rothkoph, J. (2020). Witness Protection with VFX and Machine Learning in "Welcome to Chechnya." Panel Discussion at Independent Filmmaker Project (IFP) Week 2020, virtual.

Wood, A., Welker, C., Kleinbaum, A., & Wheatley, T. (2020). Using behavior at a cocktail party to predict future social network position. Presented at the Society of Personality and Social Psychology Annual Convention, New Orleans, LA.

Sievers, B., Welker, C., Kleinbaum, A., & Wheatley, T. (2019). Tracking neural alignment due to natural conversation. Presented at the Society for Neuroscience Annual Meeting, Chicago, IL.

Boothby, E., Walker, J., Welker, C., & Gilovich, T. (2019, February). The fraughtness of everyday conversation: Other-serving attributions for the high and low points of informal conversation. Paper presented at the Society of Personality and Social Psychology Annual Convention, Portland, OR.

Welker, C., Walker, J., & Gilovich, T. (2018). Nice to meet you? The fraughtness of initial interactions and small talk. Presented at The Cornell Undergraduate Psychology (CUP) Conference, Ithaca, NY, USA.

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Advisees are underlined

POSTERS

- Welker, C., Wheatley, T., & Meyer, M. (2023).** Personalities temporarily align during enjoyable conversations. Presented at the Self & Identity Preconference at the Society for Personality and Social Psychology Annual Convention, Atlanta, GA.
- Welker, C., Templeton, E., & Wheatley, T. (2022).** The affective benefits of social diversity. Presented at the 2022 Society for Affective Science Annual Meeting, virtual.
- Welker, C., Templeton, E., & Wheatley, T. (2022).** The affective benefits of diversified social interaction. Presented at the 2022 Society for Personality and Social Psychology Annual Convention, San Francisco, CA, USA.
- Welker, C., Wheatley, T., & Meyer, M. (2021).** When two become one: Personalities align when conversation partners connect. Presented at the 2021 Society for Personality and Social Psychology Annual Convention, Virtual.
- Welker, C. & Wheatley, T. (2020).** Two distinct routes to friendship: Concentrated and diversified social interaction patterns predict social centrality. Presented at the 2020 Society for Personality and Social Psychology Annual Convention, New Orleans, LA, USA.
- Welker, C. Walker, J. and Gilovich, T. (2018).** Nice to meet you? The fraughtness of initial interactions and small talk. Presented at the Cornell Undergraduate Psychology (CUP) Conference, Ithaca, NY, USA.
- Welker, C. Walker, J. and Gilovich, T. (2018).** Silence is not golden: The fraughtness of everyday conversation. Presented at the Judgement and Decision Making Preconference of the 2018 Society for Personality and Social Psychology Annual Convention, Atlanta, GA, USA.

GRANTS & AWARDS

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| Marie A. Center 1982 Award for Excellence in Teaching , Dartmouth Department of Psychological and Brain Sciences | 2024 |
| Guarini Travel Award , Guarini School of Graduate and Advanced Studies | 2024 |
| Student Professional Development Support Grant , Dartmouth Graduate Student Council | 2024 |
| Travel Grant , The Neukom Institute for Computational Science | 2023 |
| Guarini Travel Award , Guarini School of Graduate and Advanced Studies | 2022 |
| Student Professional Development Support Grant , Dartmouth Graduate Student Council | 2022 |
| Graduate Travel Award , Society for Personality and Social Psychology | 2022 |
| Einhorn Discovery Grant , Cornell University | 2018 |
| Halpern and Rosevear Undergraduate Research Grant , Cornell University | 2018 |

SERVICE

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| Reviewer for SPSP Graduate Travel Award , Virtual | Sept. 2022 |
| Member of Annual Survey Committee , Dartmouth | Aug. 2021 – Present |
| Dartmouth PBS Peer Mentor | Aug. 2020 - Present |
| Co-organizer of Social Brain Talk Series (SBS) , Dartmouth | Aug. 2020 – Aug. 2021 |
| Co-organizer of Social Lab workshop series (SLAB) , Dartmouth | Aug. 2020 – Aug. 2021 |
| Co-leader of Graduate Research Roundtable (GRR) , Dartmouth | Aug. 2020 – Aug. 2021 |

TEACHING EXPERIENCE

Experimental Study of Human Interaction – TA
Laboratory in Psychological Science – TA
Experimental Design, Methodology, and Data Analysis Procedures – TA
Abnormal Psychology – TA

AD HOC REVIEWING

Social Cognitive and Affective Neuroscience, Behavior Research Methods, Journal of Theoretical Social Psychology, Academy of Management

*Shared first author

Advisees are underlined

SKILLS

Experienced with R, Python, Bash, and Matlab • fMRI data collection & analysis • Familiar with Qualtrics, PsychoPy, & Prolific

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