

Rachael Kee

Graduate Student

Cognitive Communication Science Lab

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EDUCATION

PhD, Communication

Expected June 2027

University of California, Davis

Designated Emphasis: Computational Social Science

Advisor: Richard Huskey

MA, Psychology

May 2023

California Polytechnic State University, Humboldt

Advisor: Amanda Hahn

Thesis: **Kee, R.** (2023). DOES CLEFT REPAIR SURGERY RESTORE NORMAL VISUAL AND NEURAL RESPONSES TO INFANT FACES?. *Cal Poly Humboldt theses and projects*. 638. <https://digitalcommons.humboldt.edu/etd/638>

BA, Psychology and Communication

May 2023

California Polytechnic State University, Humboldt

Communication Senior Capstone: **Kee, R.** (2022). A Critical Analysis of Mobile Interpersonal Relationships through Uncertainty Reduction Theory. *Communication Senior Capstones*. 32. https://digitalcommons.humboldt.edu/senior_comm/32

JOURNAL ARTICLES

Peña, J., Huskey, R., Gong, X., Andrews, M. W., Weisman, W., **Kee, R.**, Klein, V., Sarieva, S., Kang, R., Schmäzle, R., Hancock, J., T. (under review). Media Neuroscience on a Shoestring 2.0: Using AR and Mobile EEG Hyperscanning to Study Cooperatíciaon. *Journal of Media Psychology*.

Hahn, A. C., Riedelsheimer, J. A., Royer, Z., Frederick, J., **Kee, R.**, Crimmins, R., Huber, B., Harris, D.H. & Jantzen, K. J. (2024). Effects of cleft lip on visual scanning and neural processing of infant faces. *Plos one*, 19(3), e0300673.

BOOK CHAPTERS

Gong, X., **Kee, R.**, Snyder, A., Zhao, Z. & Huskey, R.. (conditional acceptance). Some Tips For Running a Small, Scrappy, and Successful Communication Neuroscience Lab. In Edwards, C., Edwards, A., & Spence, P. (Eds.), *Communication and Media Labs*. Berlin, Germany: Springer Nature.

Kee, R. & Huskey, R. (conditional acceptance). Neurobiology of Flow and Optimal Performance. In Bigliassi, M., Mannino, M., & Kotler, S. (Eds.), *Performance Neuroscience*. Berlin, Germany: Springer Nature.

CONFERENCE PRESENTATIONS

Riedelsheimer, J., Harris, D., **Kee, R.**, Frederick, J., Jantzen, K. J., & Hahn, A. (July, 2024). *The Effects of Cleft Lip/palate and Subsequent Repair on the Processing of Infant Faces [Conference Presentation Abstract]*. *Human Ethology*, 39(Suppl 1), S48.
<https://doi.org/10.22330/001c.120688>

Kee, R., Jantzen, K.J., Hahn, A. (June, 2024). *Does Cleft Palate Repair Surgery Restore Normal Neural Processing for Infant Faces?* International Communication Association, Gold Coast, Australia.

Kee, R., Jantzen, K.J., Hahn, A. (May, 2024). *Does Cleft Lip/Palate Repair Surgery Restore Normal Neural Processing for Infant Faces?* Annual Meeting of the Association for Psychological Science, San Francisco, CA.

Huskey, R. Gong, X. J., Ulusoy, E., Riggs, E., **Kee, R.**, Coronel, J., Eden, A., & Boydston, A. (May, 2024). *Drift Diffusion Modeling Shows That Preferential Evidence Accumulation, Not Bias, Governs News Selection*. Annual Meeting of the Association for Psychological Science, San Francisco, CA.

Huskey, R. Gong, X. J., Ulusoy, E., Riggs, E., **Kee, R.**, Coronel, J., Eden, A., & Boydston, A. (May, 2024). *Preferential Evidence Accumulation, Not Bias, Governs News Selection: A Drift Diffusion Modeling Study*. Annual Meeting of the Communication Horizons @ UC Davis Conference, Davis, CA.

Pena, J., Huskey, R., Gong, X., Andrews, M., Weisman, W., **Kee, R.**, Klein, V., Sarieva, S., Kang, R., Schmälzle, R., & Hancock, J. (May, 2024). *Media Neuroscience on a Shoestring 2.0: Using AR and Mobile EEG Hyperscanning to Study Cooperation*. Annual Meeting of the Meaningful XR Conference, Stanford, CA. **Top Paper**

Messina, F., Boone, N., Harris, D., **Kee, R.**, Jantzen, K. J., & Hahn, A. (April, 2024). *Does cleft palate repair restore normal visual scanning and neural processing for infant faces?* Annual Meeting of the Western Psychological Association, San Francisco, CA.

Kee, R., Jantzen, K.J., Hahn, A.C. (May, 2023). *Does cleft palate repair surgery restore normal neural processing for infant faces?* IdeaFest 2023, California State Polytechnic University, Humboldt, Arcata, CA.

Riedelsheimer, J., **Kee, R.**, Royer, Z., Crimmins, R., Frederick, J., Huber, B, Harris, D., Jantzen, K.J., Hahn, A.C. (May, 2023). *Effects of cleft lip and palate on visual scanning and neural processing of infant faces.* IdeaFest 2023, California State Polytechnic University, Humboldt, Arcata, CA.

Kee, R., Jantzen, KJ, Frederick, J, Royer, Z, Hahn, AC. (November, 2022). *Does cleft palate repair restore normal visual scanning and neural processing for infant faces?* Annual Meeting of the Society for Social Neuroscience, San Diego, CA.

Hahn, AC, Royer, Z, Frederick, J, **Kee, R.**, Crimmins, R, Huber, B, Harris, D, Jantzen, KJ. (November, 2022). *Effects of cleft lip on visual scanning and neural processing of infant faces.* Annual Meeting of the Society for Social Neuroscience, San Diego, CA.

AWARDS

2024 National Institute of Health (NIH) Dental & Craniofacial Research Building Bridges Award. *Does Cleft Lip/Palate Repair Surgery Restore Normal Neural Processing for Infant Faces?* Annual Meeting of the Association for Psychological Science.

2024 Top Paper Award. *Media Neuroscience on a Shoestring 2.0: Using AR and Mobile EEG Hyperscanning to Study Cooperation.* Meaningful XR Conference.

2022 Community Engagement Award. Department of Communication, California Polytechnic State University, Humboldt.

2020 Love of Learning Award. Department of Communication, California Polytechnic State University, Humboldt.

TEACHING EXPERIENCE

University of California, Davis

CMN 001: Introduction to Public Speaking
Department of Communication

Summer Session II 2024

Instructor of Record

CMN 001: Introduction to Public Speaking <i>Department of Communication</i> <i>Instructor of Record</i>	Summer Session I 2024
CMN 114: Communication and Cognition <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Fall 2024
CMN 161: Health Communication <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Fall 2024
CMN 114: Communication and Cognition <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Spring 2024
CMN 001: Introduction to Public Speaking <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Spring 2024
CMN 001: Introduction to Public Speaking <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Winter 2023
CMN 001: Introduction to Public Speaking <i>Department of Communication</i> <i>Graduate Teaching Assistant</i>	Fall 2023

California Polytechnic State University, Humboldt

PSYC 323: Sensation and Perception <i>Department of Psychology</i> <i>Graduate Teaching Assistant</i>	Summer 2022
PSYC 321: Introduction to Behavioral Neuroscience <i>Department of Psychology</i> <i>Graduate Teaching Assistant</i>	Fall 2022
PSYC 241: Introduction to Psychological Statistics	Fall 2022

Department of Psychology
Graduate Teaching Assistant

PSYC 321: Introduction to Behavioral Neuroscience Spring 2021
Department of Psychology
Teaching Assistant

PSYC 100: Psychology of Critical Thinking Spring 2020
Department of Psychology
Teaching Assistant

Communication Wizard Fall 2020 - Spring 2021
Department of Communication
Department Peer-Tutor

PROFESSIONAL SERVICE

Graduate Student Representative | Graduate Student Association 2024
Communication liaison and student representative between the Graduate Student Association and the Department of Communication at University of California, Davis.

Reviewer | International Communication Association 2024
Reviewed conference submissions for the division of Communication Science and Biology for the 2024 annual meeting of the International Communication Association.

PROFESSIONAL MEMBERSHIPS

International Communication Association (since 2024)
Association for Psychological Science (since 2024)
Society for Social Neuroscience (2022)
Psi Chi Honors Society (since 2021)
National Society for Leadership and Success (since Fall 2020)

STATISTICAL WORKSHOPS & COURSEWORK

Hackathon 2024
Preconference of the International Communication Association Annual Meeting
Brisbane, Australia

PSC 204B: Causal Modeling Correlational Data Winter 2023
University of California, Davis

PSC 204A: Statistical Analysis of Psychological Experiments Fall 2023

University of California, Davis

PSYC 578: Analysis of Variance Spring 2023
California Polytechnic State University, Humboldt

PSYC 588: Regression/Multivariate Topics Spring 2022
California Polytechnic State University, Humboldt

FOR 480: Selected Topics in Forestry: Introduction to R Spring 2022
California Polytechnic State University, Humboldt

PSYC 241: Introduction to Psychological Statistics Fall 2020
California Polytechnic State University, Humboldt

Programming Languages

Python

R