Kira Wegner-Clemens, PhD

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Education

2025 **PhD, Cognitive Neuroscience**, George Washington University
Dissertation: The Influence of Audiovisual Semantics on Attention
Advisor: Sarah Shomstein

2017 **BA, Cognitive Science**, Rice University
Minor in Neuroscience

Research Positions

2025 - **Postdoctoral Fellow**, Georgetown University, Neurology
T32 Neuroscience of Language Training Fellowship
Advisor: Anna Greenwald

2017-2019 **Research Coordinator**, Baylor College of Medicine, Neurosurgery
Advisor: Micheal Beauchamp

Awards & Honors

2022-2025 NIH Kirschstein National Research Service Award (F31 EY034030)
2024 George Washington University Richard Walk Dissertation Award
2022 Kavli Summer Institute for Cognitive Neuroscience Fellowship
2019-2022 George Washington University Academic Excellence Fellowship
2017 Rice University Distinction in Research and Creative Work

Service & Leadership

Ongoing Ad-hoc journal reviewing: AP&P, Journal of Vision
2021-2024 Lab Manager, Shomstein Lab, George Washington University
2022 GWU Cognitive Neuroscience Student Handbook Committee
2020 GWU Cognitive Neuroscience Recruitment Coordinator

Publications

* denotes shared first authorship

Wegner-Clemens, K., Malcolm, G., Kravitz, D.J., Shomstein, S. Task irrelevant sounds influence visual attention through graded multimodal semantic modulation. *Under review*

McEvoy, K.*, **Wegner-Clemens, K.***, Auer, E., Eberhardt, S., Bernstein, L., Shomstein, S. Covert attention modulates visual speech perception independent of eye position. *In prep.*

Nag, S.*, Mahableshwarkar, P.*, **Wegner-Clemens, K.**, Cox, P., Kaplan, S., Teng, C., Kravitz, D., Mitroff, S. Efficiencies of online data collection. *In prep.*

Wegner-Clemens, K., Malcolm, G., Shomstein, S. (2024) Predicting attention in real-world environments: the need to investigate crossmodal semantic guidance. *WIREs Cognitive Science.*

Wegner-Clemens, K., Malcolm, G., Shomstein, S. (2022) How much is a meow like a cow? A novel database of human judgements of audiovisual semantic relatedness. *Attention, Perception, & Psychophysics.*

Magnotti, J.F., Dzeda, K.B., **Wegner-Clemens, K.**, & Beauchamp, M.S. (2020). Weak observer–level correlation and strong stimulus-level correlation between the McGurk effect and audiovisual speech-in-noise: A causal inference explanation. *Cortex.*

Wegner-Clemens, K., Rennig, J., & Beauchamp, M.S. (2020). A relationship between Autism-Spectrum Quotient and face viewing behavior in 98 participants. *PLoS ONE.* 15(4): e0230866.

Rennig, J., **Wegner-Clemens, K.**, & Beauchamp, M.S. (2020) Face Viewing Behavior Predicts Multisensory Gain During Speech Perception. *Psychonomic Bulletin & Review.* 27, 70-77.

Wegner-Clemens, K., Rennig, J., Magnotti, J.F., & Beauchamp, M.S. (2019). Using principal component analysis to characterize eye movement fixation patterns during face viewing. *Journal of Vision.* Vol.19, 2.

Convento, S., **Wegner-Clemens, K. A.**, & Yau, J.M. (2019). Reciprocal Interactions Between Audition and Touch in Flutter Frequency Perception, *Multisensory Research*, 32(1), 67-85.

Conference Talks

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Search speed scales with audiovisual semantic relatedness. Talk. Psychonomic Society, San Francisco, 2023.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Attentional prioritization scales with audiovisual semantic relatedness. Talk. Society for Neuroscience, Washington, DC, 2023.

Conference Posters

Wegner-Clemens, K., Kravitz, D., Shomstein, S. Semantic relationships between sounds and images modulate attention even when the stimuli are task-irrelevant. Poster. Vision Sciences Society, St. Pete's Beach, 2024.

McEvoy, K.*, **Wegner-Clemens, K**.*, Bernstein, L., Shomstein, S. Covert attention modulates visual speech perception independent of eye position. Poster. Object Perception, Attention, and Memory, San Francisco, 2023.

McEvoy, K.*, **Wegner-Clemens, K**.*, Bernstein, L., Shomstein, S. Covert attention modulates visual speech perception independent of eye position. Poster. Society for Neuroscience, Washington, DC, 2023.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. *Semantic meaning guides audiovisual attention in a continuous manner*. Poster. International Multisensory Research Forum, Poster, 2023.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Search efficiency scales with semantic relatedness in audiovisual contexts. Poster. Vision Sciences Society, St. Pete's Beach, 2023.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Search efficiency scales with semantic relatedness in audiovisual contexts. Poster. Cognitive Neuroscience Society, San Francisco, 2023.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Search efficiency scales with audiovisual semantic relatedness. Poster. Object Perception, Attention, & Memory, Boston, 2022.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Audiovisual semantic relatedness of real–world objects. Poster. Vision Sciences Society, St. Pete's Beach, 2022.

Wegner-Clemens, K., Malcolm, G., Shomstein, S. Measures of Audiovisual Semantic Relatedness for Real-World Objects. Poster. Psychonomic Society, virtual, 2021.

Wegner-Clemens, K., Rennig, J., & Beauchamp, M.S. A relationship between Autism-Spectrum Quotient and face viewing behavior in healthy adults. Poster. Society for Neuroscience, Chicago, 2019.

Wegner-Clemens, K., Rennig, J., Magnotti, J.F., & Beauchamp, M.S. Fixation eigenimages reveal task and stimulus modulate differences in face viewing. Poster. Society for Neuroscience, San Diego, 2018.

Rennig, J., **Wegner-Clemens, K.**, & Beauchamp, M.S. Face Viewing Behavior Predicts Multisensory Gain During Speech Perception. Poster. Society for Neuroscience, San Diego, 2018.

Wegner-Clemens, K., Rennig, J., & Beauchamp, M.S. Interindividual Differences in Eye Movements Made During Face Viewing are Consistent Across Task and Stimulus Differences. Poster. International Multisensory Research Forum, Toronto, 2018.