

To Texas Women's University Woodcock Institute

I hope this letter finds you well. I am writing to provide the report on the progress of the Texas Women's University Woodcock Institute Research Grant titled "*Neural representation of motion events: the role of agency*", which was awarded to Professor Alfonso Caramazza and Seda Akbiyik at Harvard University.

This project aimed to provide new information on the neural representation of motion events by using functional neuroimaging. Participants were shown different kinds of motion events that varied the role of agentive and physical forces in shaping the event dynamics, and neural activity patterns were analyzed. Our goal for the project was to finish data collection and analysis from Summer 2022 to Spring 2023 and finalize manuscript write-up by the end of Summer 2023.

We are excited to report that we were able to meet these goals and have actively disseminated our research findings with the scientific community in conference presentations and invited talks. The results of this project were recently published in a *Journal of Neuroscience* article. Our article was also the featured article in its respective issue, receiving more recognition. Here is a list of papers and conference presentations where we shared this work with the scientific community.

- Karakose-Akbiyik, S., Sussman, O., Wurm, M. F., & Caramazza, A. (2024). The role of agentive and physical forces in the neural representation of motion events. *Journal of Neuroscience*, 44(2).
- Karakose-Akbiyik, S., Sussman, O., Wurm, M.F. & Caramazza, A. (2023). The role of agentive and physical forces in the neural representation of motion events. Talk presented at the 23rd annual meeting of the Vision Sciences Society. St. Pete Beach, FL.
- Karakose-Akbiyik, S., Sussman, O., Wurm, M. & Caramazza, A. (2023). Neural representation of motion events: the role of agentive and physical forces. Poster presented at Workshop on Concepts, Actions, and Objects: Functional and Neural Perspectives at Center for Mind/Brain Sciences, University of Trento, Italy.

At the end of this letter, please also find a detailed list of expenditures to-date. The funds allocated have been utilized judiciously, and we have remained within the budget parameters specified in the grant agreement.

We would like to express our sincere gratitude for the support provided by Texas Woman's University Woodcock Institute. The impact of this grant on our research has been invaluable, and we are enthusiastic about the success of the project.

Thank you for your ongoing support.