

## Spatial language in dialogue: The role of modality in creating shape-based referring expressions



Jennifer Petrich<sup>1</sup>, Brenda Nicodemus<sup>2</sup>, and Lucinda O'Grady<sup>1</sup>

<sup>1</sup>Laboratory for Language and Cognitive Neuroscience, San Diego State University <sup>2</sup>Department of Interpretation, Gallaudet University



- This communication task provides a novel way to investigate the creation, stabilization, and evolution of referring expressions over a site
- Lexical labels improved communication efficiency over shape-based descriptions for both ASL and English.
- For ASL, classifier constructions may be less efficient for creating labels for complex objects than for expressing spatial locations.

## References Clark, H. & Wilkes-Gibbs, D. (1986). Referring as a collaborative process. Cognition, 22, 1-31. Emmorey, K. (1996). The confluence of space and language in signed languages. In P. Bloom, M. Peterson, L. Nadel, & M. Garrett (Eds). Language and Space, pp. 171- 209, Cambridge, MA: MIT Press. Lane, H. (1992). The Mask of Benevolence: Disabling the Deaf community. New York: Knopt.