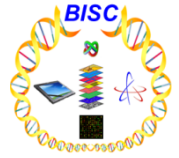# Dr. Lance W. Hahn
Department of Psychological Sciences

- I am interested in the semantic relationships underlying word recognition.

- I use a multidisciplinary approach that includes behavioral measures, computational models and constraints suggested from the neuroscience literature. One goal of my research is to improve our understanding of how word recognition is influenced by the semantic relationships between words.

Dr. Lance W. Hahn
Department of Psychological Sciences

- Computational Modeling

  We are using a distributed network approach to modeling human semantic memory. The parameters of the network are determined by both behavioral data and patterns of word usage in a large text corpus.

- Computational Analyses

  I am developing methods of inferring human behavior from analyses of large (~terabyte) text corpus data.