

# Carnegie Mellon University

Dr. Anna Fisher (CMU, Psychology Department) and Dr. Leila Wehbe (CMU, Machine Learning Department & Neuroscience Institute) are seeking a post-doctoral scholar to work on a joint project examining how features of linguistic input contribute to the acquisition of semantic knowledge in children. The selected candidate will work in a vibrant and collaborative environment with many opportunities for growth and learning, and will have access to excellent resources at CMU.

## **Skills & Qualifications**

- PhD in cognitive science, computational linguistics, or related field is required.
- Experience analyzing linguistic corpora and using computational modeling approaches (e.g., neural networks, distributional modeling in vector spaces, probabilistic approaches) and implementation tools (e.g., PyTorch, Tensorflow) to investigate phenomena in language and cognition are required.
- Experience and/or coursework in neuroscience, developmental psychology, data science and/or related fields is highly desirable.
- Experience conducting experimental research with human participants (especially children) is desirable.
- Record of publishing in the field of NLP/Computational linguistics and/or Cognitive Science is a plus, as is previous experience with grant applications.

## **Duration of the position**

Guaranteed funding is available for one year, with possibility of continuing the position pending satisfactory performance and availability of funding.

**Starting date:** Summer 2021

**How to Apply:** Interested individuals should [apply online](#) (positon # 2016291) by submitting their CV and names of 2 people who can provide references.

**Carnegie Mellon University is an Equal Opportunity Employer and we strongly encourage applications from members of underrepresented groups.**