

**Title:** Untangling Lexical Access

**Name:** Emily Clarke

**Budget:**

Expense	Quantity	Cost
Participant Payment (\$5 cash/person)	50	\$250
<a href="#">Bananagrams tile set</a>	1	\$20
		<b>\$270</b>

**Project Description:**

I am seeking funding to conduct my senior thesis in linguistics. My project investigates the interaction between the effects of word frequency and semantic relation on lexical access. While significant research has been conducted on mechanisms of lexical access for single words, this design is novel in that it intentionally increases complexity while still retaining control and presenting participants with a finite set of lexical options. Participants will be asked to complete a word game-esque lexical item production task in which they will be given a preselected set of letter tiles and asked to create words as quickly as possible. The orders of the words created by participants will provide insight about how cognitive priorities interact. Additionally, untangling the effects of frequency, semantic relation, and lexical similarity gives us insight into how our brain prioritizes relationships between lexical items.

**Justification for purchases and payments:**

The costs associated with conducting this project are minimal and are limited to paying participants for their time (expected to be about 15 minutes total) and purchasing a set of letter tiles to be used by participants during the experiment. I am seeking \$270 to pay 50 participants \$5 each and to purchase a large set of letter tiles. I plan to pay participants in cash and the study will be conducted in person.