**Harrisburg University of Science and Technology**

**Institutional Review Board**

**Modification of Approved Research Study**

**Please forward this form, filled out completely and signed either physically or electronically, to** [**IRB@HarrisburgU.edu**](mailto:IRB@HarrisburgU.edu) **with any changes.**

***Note: Do not use this form for changes made prior to IRB approval or in response to an IRB review.***

IRB File No. 20211110

Original IRB approval date: 6/25/2021

Project Title: Semantic Priming Across Many Languages (SPAML)

Principal Investigator: Erin M. Buchanan

**Please check the type of modification being submitted:**

**Change in procedure addition deletion modification Describe: We changed the instructions on two tasks:   
  
Age of acquisition task: (Kuperman et al., 2012)  
  
Please indicate (in years) the age at which you learned each of the words on the list. An approximate age is good enough for this rating. If you do not know the meaning of a word, please enter the X key. By “learning a word” we mean the age at which you would have understood that word if somebody had used it in front of you, EVEN IF YOU DID NOT use, read or write it at the time.  
  
Familiarity task: (Gilhooly & Logie, 1980)  
  
This is an experiment to find out how often you have come in contact with certain words. You will be given a list of words and you are to rate each one as to the number of times that you experienced it by simply writing down a number according to a 1 to 7 scale. In this scale, 1 represents “NEVER,” that is, you have never seen or heard or used the word in your life; the number 2 represents “RARELY,” that is you have seen or heard or used the word at least once before, but only rarely; and so on until 7, which represents “VERY OFTEN,” that is, you have seen or heard or used the word nearly every day of your life.  
  
Do not be bothered if you are unable to give a definition of some of the words. Simply rate each one as to the number of times you have come in contact with it regardless of its meaning. There may be some words which you have used or heard more often than you have seen them. Or there may be other words which you have seen more often than you have used or heard them. In such cases, always give the word in the highest rating of the three. For example, you probably use or hear the word “cheers” often, but you may never have seen it in print. In this case, you would rate “cheers” as “OFTEN” and write down the number 6.  
  
Go to the list of words and begin rating them at your own speed. This is not a “speed” experiment, each participant will be given plenty of time to finish. On the other hand, do not spend too much time on each word. The important thing is for you to be as accurate as possible. Be as honest in your ratings as you can. Many of the words in this experiment are very rare, so you are not expected to have come in contact with all of them. Just make the best estimates you are capable of.**

**Change in study personnel addition deletion modification Describe:** Click or tap here to enter text.

**Change in research site addition deletion modification Describe:** Click or tap here to enter text.

**Change in subject enrollment Increase or Decrease.**

**Describe** Click or tap here to enter text.

**Recruitment Material/Advertisement Change**

**Describe** Click or tap here to enter text.

**Consent/Assent/Permission form changes**

*If this is checked, attach a copy of the current approved consent document and a copy of the proposed consent document with changes highlighted.*

**Describe: We added one sentence (see page 10) to ensure compliance with GDPR: Please note that your data will be anonymous, which means you cannot ask for it to be removed once you have completed the study.**

**Other**

**Describe** Click or tap here to enter text.

**Discuss if the modification(s) will affect research risk and/or benefits.**

These modifications were made to ensure adequate instructions and make sure we meet the rules for GDPR, no change in risks or benefits present.

**I understand that I cannot initiate any changes in my approved protocol before I have received IRB approval and/or complied with all contingencies/stipulations with regards to that approval.**

**\_\_\_\_\_erin m buchanan\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_8/11/21\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signature of Principal Investigator Date**

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**Signature of Faculty Advisor Date**

**For IRB Use Only:**

**Minor, Non-substantive Change Approved by Expedited Review**

**Substantive Change Requiring Convened IRB Review**

**\_\_\_\_\_\_\_\_\_\_\_\_Glenn Mitchell, MD, MPH August 15, 2021\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signature of Primary Reviewer Date**