**RECRUITMENT AND RETENTION PLAN**

Recruitment of Study Sample

Participants for the proposed study relevant to Aim 1 will be individuals (N = 60), ages 18-85, males and females, from racially and ethnically diverse background representative of the general US population. The study will be advertised to potential participants with methods including: 1) flyers shared on the Temple University campus and around the greater Philadelphia Area, and/or 2) emails, letters, phone calls made to participant pools that have consented to contact for future studies. Please note that 27 of the target 60 participants have already been recruited and completed data collection. Targeted age ranges will be highlighted in advertisements.

Staff from Dr. Chelsea Helion’s Social & Affective Neuroscience (SAN) lab will be responsible for recruitment of all participants. Staff includes two part-time project managers who are assisted by a team of undergraduate research assistants and whom are responsible for coordinating recruitment, scheduling, and participant retention. All project staff members have been trained in appropriate consent and assent procedures. Members of Dr. Jason Chein’s Control & Adaptive Behavior (CAB) lab also have substantial expertise in neuroimaging study recruitment and data collection and can assist in the trainings.

Given the previous success of sponsors’ labs in recruiting neuroimaging studies, the recruitment of a total of 60 healthy adults in the given timeframe is feasible. In the unlikely event that recruitment were to fall behind expectations, additional efforts will be made to recruit via targeted ad campaigns on platforms such as Facebook, Twitter, Instagram, Reddit, Craigslist, Google, and various community bulletins and listservs. Additional means of increasing recruitment would include flyering / tabling at local community events (i.e., bazaars, festivals, fairs) and using lists of participants who had consented to contact about future studies in labs friendly with the SAN and CAB Labs.

Before study enrollment, potential participants must complete an eligibility screening questionnaire. Individuals below the age of 18 years or above the age of 85 years will not be eligible.

Retention of Study Sample

Given that this study involves only a single session, there are not concerns about retaining subjects for follow-up sessions. However, I will make efforts to retain subjects throughout the session. Participants will be compensated at a rate of $20 per hour for their participation, via either cash or pre-paid gift card. Participants who withdraw early will receive prorated compensation for their time.

Participants who have completed the task thus far have provided answers to quality-of-experience questions relevant to participant retention. On a 5-point scale (range = 0-4), ranging from ‘Not at all’ to ‘Extremely’, the median score of all participant ratings indicate that the task was viewed as “very engaging” (mean = 2.5, sd = 0.81), that the plot was “not at all difficult” to follow (mean = 0.46, sd = 0.82), and that the audio was “not at all” difficult to understand (mean = 0.25, sd = 0.43). No participants endorsed having issues understanding the instructions. These statistics suggest that we are unlikely to lose participant data due to lack of engagement or comprehension issues or technical issues. This task uses a stimulus format (a ~45 minute television episode) which participants will likely be familiar with and which they might freely choose to seek out in their free time, which makes it a relatively attractive choice for a stimulus. Another critical component of my retention plan is ensuring the comfort of participants while minimizing any potential coercive actions. Prior to the start of data collection, I assess the participant’s ability to read and see visual stimuli and to accurately hear audio stimuli. I also provide cushioning, blankets, sweatpants and sweatshirts, and additional comfort items as needed to ensure the environment is as agreeable as possible limit the need for adjustments and minimize head motion.   
To protect against fatigue or discomfort, participants will be permitted to rest from study procedures at any time. Should participants appear to be distressed by the tasks, testing will be terminated. Participants will be informed multiple times that they are free to withdraw from the testing at any time. If the COVID-19 pandemic is still on-going, extra safety precautions will be taken in line with the Centers for Disease Control, Philadelphia, and our IRB guidelines.