PSY 390 Research Opportunity – Summer 2020

Faculty member or graduate student
Bridgette Kelleher, Ph.D.
Assistant Professor
Clinical Psychology and Neuroscience

Lisa Hamrick, MS
Graduate Student
Clinical Psychology

Description of research area
Our lab conducts research on the early development of children with neurodevelopmental disorders in order to identify early markers of risk and resilience in clinical populations. We currently have several ongoing research projects. The first is a longitudinal online survey for families of children with neurogenetic disorders aimed at characterizing early development in areas such as communication, sleep and autism features. The second project is a longitudinal study analyzing typical development in 12- and 24-month olds. The third is a telehealth study in which we are working remotely with children who have Down, Angelman, and fragile x syndromes. These remote assessments will then be used to study families of children with rare neurogenetic disorders. The fourth project is a study of early language environment and autism features among preschoolers with fragile X syndrome, Down syndrome, and Angelman syndrome. The fifth project looks at women with the FMR1 premutation and the role the premutation plays in mental health, with a focus on mood and anxiety disorders.

Description of undergraduate participation
Undergraduate participation may involve a combination of the following:
1. Data management
2. Coding video and audio data
3. Cleaning and entering data
4. Professional development activities
5. Independent or team-based research projects and presentations

Research setting
We have two locations for our laboratory space – the first floor of the Psychological Sciences building and the first floor of Lyles-Porter Hall. Most undergraduate research activities are completed in the Lyles-Porter lab space. Due to COVID-19, most (if not all) undergraduate research activities during Summer 2020 will be completed remotely.

Number of assistants needed
2

Contact information
Please fill out the application listed on our lab website (https://nddfamilylab.weebly.com/future-team-members.html) and submit the completed application to Lisa Hamrick at lrague@purdue.edu.
Additional comments
Must have completed PSY 120
Prefer freshmen or sophomores
Due to the advanced training involved with joining the lab, a 2-semester commitment is required. Preference will be given to students who plan to remain in the lab for additional semesters.