

# **Participate in Fragile X Premutation**

## **Research at Purdue University!**

### **Infant Development Study**

Brain and Behavior Study

Dan Foti, Ph.D. & Bridgette Kelleher, Ph.D.

Individuals with Fragile X premutation (FXpm) are at an increased risk for depression, other psychiatric conditions, and developing Fragile X Tremor/Ataxia Syndrome (FXTAS). We are interested in exploring the relationship between this risk and brain activity.

#### **Who can take part in this study?**

We are currently recruiting females between 18-60 who carry the FMR1 premutation.

#### **Resources available to families!**

We have trained, friendly staff that are available to play and spend time with any accompanying children or young adults. We provide a variety of community resources great for family fun and entertainment. Participants will be compensated for their time, \$20 per hour. Lodging will be provided; Travel costs may be reimbursed for those outside of Tippecanoe County.

#### **What will participation involve?**

Participation involves four types of data collection:

- (1) Web-based questionnaires
- (2) In-person assessments that involve responding quickly to shapes and viewing emotional stimuli
- (3) Gathering a variety of biological measurements such as brain activity (EEG and/or fMRI), heart rate activity, and a blood draw
- (4) Surveys about your feelings and experiences

Participants have the option to opt out or withdraw from any component of the study at any time.

#### **How will this project help the Fragile X community?**

We hope our data will impact the broader community of individuals with Fragile X premutation and depression by improving our understanding of brain mechanisms and treatment needs.

#### **How can I get more information?**

To learn more, please visit our web site (<https://sites.google.com/site/pacerlab/>), send us an e-mail ([babs@purdue.edu](mailto:babs@purdue.edu)) or give us a call (765-496-0377). We look forward to hearing from you!

**web | <https://sites.google.com/site/pacerlab/>**

**e-mail | [babs@purdue.edu](mailto:babs@purdue.edu)**

**phone | 765-496-0377**