Research

The University of Hawaii at Manoa has received funding from the National Institutes of Health to collect a wealth of information about development in children. The team at UH, led by Drs. Linda Chang and Thomas Ernst, are working with collaborators at nine other research institutes and universities across the country to assemble a large-scale pediatric brain imaging and genetics database that will be available to the scientific community for further study.

This database will allow investigators to study the genetic basis of individual differences in the brain, cognition, and personality. Understanding why these differences exist is critically important for solving many problems that affect children. The research is expected to lead to more effective ways of improving the health and education of children.

Learn more about the PING Research Study

Pediatric Imaging
Participants will be asked to take part in a brain imaging study. This involves lying still in an MRI scanner for up to one hour while watching a video.

Neurocognition
Those in the study will be asked to solve puzzles, play computer games, and answer questions.

Genetics
Saliva will be collected from participants using a small plastic tube or using cotton swabs for very young children.

Participate
Investigators are looking for volunteers to take part in the PING research study. Participation will involve 1 study visit at the Queen’s Medical Center.

Eligibility Requirements
3 to 20 years of age
Parental consent for minors (under 18 years)
Fluency in English
And meets other study criteria

Compensation
Participants will receive $75 and pictures of their brains!

Contact Us
To learn more about the study or to find out if your child is eligible to participate, please contact us at (808) 545-8964.