



Child Scientists Needed for a Study of Normal Brain Development

Invitation to Participate

We are a UCSD research laboratory that studies aging and development, and we are currently looking for healthy boys between 6 and 10 years of age to participate in a research study of how the brain develops during childhood.

Scientific research suggests that brain size may influence the amount of communication between different areas of the brain during childhood, and the way that connections develop between those areas. Understanding this relationship is important for diagnosing and treating developmental disorders such as autism, and also for developing educational tools. Our study looks at the communication between the two sides of the brain, and the development of connections between them.

Your child could help advance our understanding of brain development, and could learn how science is done.

What the Study Involves

Your child will play a video game while wearing a special cap which allows their electrical brain activity (EEG) to be recorded. They will also have a brain scan (MRI) shortly thereafter and again in one year. This will involve lying quietly for 5 to 10 minutes at a time while watching a cartoon. In the unlikely event that your child wishes to stop participating, we will end the session immediately. You will be near your child throughout, and you will be able to end the session at any time.

How Much Time

The video game is about 45 minutes long with rests about every 3 minutes. Altogether the EEG takes approximately 2 hours. Both MRIs are one hour.

When and Where

You can make an appointment right away. And we will likely be able to work with your and your child's schedule. The EEG is done in the UCSD research on aging and development laboratory which is at the intersection of Villa La Jolla Drive and La Jolla Village Drive. The MRIs will be done at the nearby UCSD Center for Functional MRI.

What the Study Pays

Volunteers will receive \$10 per hour for participating, as well as a 'SCIENCE IS RAD' T-shirt.

For more Information, or to Arrange to Participate

To find out more about our research, go to <http://radlab.ucsd.edu>, or call the director, Dr. Jeanne Townsend, at 858-623-2789. For more information about this study, or to arrange to participate, email jdlewis@ucsd.edu, or call John Lewis at 858-345-5569.

