Research Title
The Impact of Lighting and Biological Rhythms in Autism

Research Objectives
To examine the extent to which children with autism are sensitive to different types of lights. To conduct this research, the A.J. Drexel Autism Institute and School of Biomedical Engineering, Science and Health Systems are looking for:

- Children, ages 6 to 10 years, with a diagnosis of autism spectrum disorder and a history of repetitive behavior.

This study will explore how two different lighting systems – one fluorescent-based and one LED-based – influence the level of repetitive behavior shown by young children with ASD.

The study includes a screening interview, assessments and observations under both fluorescent-based and one LED-based lighting. The observation and assessment period will take approximately 2 hours. Each child would participate in 2 sessions approximately 2 weeks apart.

Information for Research Subjects Eligibility
To participate, you must be a child, between the ages of 6 and 10 years with a diagnosis of autism spectrum disorder and a history of repetitive behavior, or their parent.

Location of the research and person to contact for further information
If you are interested in participating in this study, please contact

Dr. Christina Vorndran
cmv69@drexel.edu
Korman Center, Room 241F
Drexel University
Philadelphia, PA 19104

This research is conducted by a researcher who is a member of Drexel University.