Autism is a disorder affecting social interaction, communication, and repetitive behaviors.

LSU research works for advancing autism care.

- LSU created a widely used comprehensive autism screening test, the Baby & Infant Screen for Autistic Traits, and used it to evaluate more than 11,000 children in Louisiana.
- An LSU autism researcher is developing a method to create a personalized treatment plan that is more effective and reduces the cost of care.
- The Children's Center at LSU Health Shreveport, the only such facility in 200 miles, offers multidisciplinary diagnostic evaluations for children ages 0–15 as well as speech/language therapy, occupational therapy, and social skills groups.
- The Louisiana Autism Spectrum and Related Disabilities Project, a collaboration between the LSU Health New Orleans Human Development Center and the Louisiana Department of Education, improves educational practices and outcomes for students with autism spectrum disorders.

The LSU Pediatric Feeding Clinic provides assessment and intervention for children with autism spectrum disorders who have feeding issues. This is a multidisciplinary team consisting of speech-language pathologists and psychologists.