

Fellowship Opportunities at the Marcus Autism Center

The Marcus Autism Center, in conjunction with the Emory University School of Medicine and Children's Healthcare of Atlanta, is offering four fellowships: the Cohen Fellowship in Developmental Social Neuroscience, the Marcus Fellowship in Speech Science and Engineering, the Simons Fellowship in Computational Neuroscience, and the Simons Fellowship in Design Engineering. Students who will receive a bachelor's degree by June 2016 will be eligible for the positions. The fellowships will commence in July 2016, and they are 2 years in duration.

The **Cohen Fellowship in Developmental Social Neuroscience** will involve cutting-edge social neuroscience research in infants, toddlers and adolescents. Fellows will work to further the understanding of autism through eye-tracking research, guiding a project from the point of data collection to publication of results.

The **Marcus Fellowship in Speech Science and Engineering** will involve researching early vocal development, including speech production and speech perception, as part of a program to map out both typical and atypical development of spoken communication in early childhood.

The **Simons Fellowship in Computational Neuroscience** will involve integrating computational strategies with clinical research goals. Fellows will develop methods for the analysis of visual scanning and eye-tracking data, computational models of visual salience, and data visualization techniques, all with the aim of advancing the understanding of autism and efforts at early diagnosis.

The **Simons Fellowship in Design Engineering** will involve developing innovative design solutions to answer experimental research questions. Fellows will explore human factors engineering, product prototyping and the design of environments with the goal of advancing neuroscience research.

Our research fellowships are intended for college graduates to develop research skills prior to entering graduate studies. Fellows will participate in innovative research to provide novel solutions to complex problems in a robust clinical environment. Fellows receive direct research mentorship from the program directors and additional faculty members, and they are involved in a highly active and productive community of clinical research scientists. In addition to research training and mentorship, fellows also complete an intensive summer training seminar covering clinical research in ASD (one week), ASD grand rounds meetings (twice a month), social neuroscience lab meetings (weekly) and ongoing didactic practica.

All four fellowship tracks are paid, two-year positions, with full health care coverage.

Visit marcus.org/fellowship for more information and to download an application.