

## **Yale Fellowships: Developmental Psychopathology and Social Neuroscience, & Developmental Neuroscience of Autism**

The Yale Autism Center of Excellence (ACE) and Yale Social and Affective Neuroscience of Autism Program (SANA) will select one or more highly qualified college graduates for research fellowship positions at the Yale Child Study Center (CSC). The Yale CSC is a leading institution for clinical diagnostic services and multidisciplinary research on ASD involving behavioral neuroscience, physiology, neuroimaging, molecular genetics, and treatment. Through extensive interdepartmental collaborations, the SANA Program brings together experts in developmental psychopathology, experimental psychology, statistics, neuroimaging, eye-tracking, psychophysiology, and computational science. The program is led by Dr. Kasia Chawarska and co-directed by Drs. Suzanne Macari and Kelly Powell. Collaborators include Drs. Joseph Chang (Statistics and Data Science), Todd Constable and Dustin Scheinost (Radiology and Biomedical Imaging), Laura Ment (Pediatrics), as well as Flora Vaccarino, Wendy Silverman, Fred Volkmar and Jamie McPartland (CSC). For more information and a list of recent publications, visit the lab website: <https://medicine.yale.edu/lab/chawarska/>

Both research fellowship positions will support the design and implementation of research protocols focused on autism spectrum disorder (ASD) and related developmental disorders. Research fellows are typically involved in aspects of each study ranging from design and implementation of novel behavioral, eye-tracking and psychophysiological experiments, to participating directly in subject characterization by conducting structured parent interviews and assessing participants, to data processing and analysis. Fellows will receive training in development of novel behavioral, eye-tracking, and psychophysiological sensing technologies, as well as the design of novel experimental paradigms. Additionally, fellows will be given an opportunity to prepare their own conference abstract from the point of data collection through data analysis and abstract submission.

The **Developmental Psychopathology and Social Neuroscience** fellow will be responsible for recruiting and scheduling participants, characterizing subjects, and conducting experimental procedures with infants and children, including eye-tracking and electrophysiological studies. In addition, this research fellow will be responsible for data entry and data quality checks, will contribute to data analysis and data visualization procedures, and may assist in grant and manuscript preparation. Priority will be given to applicants with prior experience in research with clinical populations and/or with infants and young children and their families.

The **Developmental Neuroscience of Autism** fellow will be responsible in maintaining hardware and software of behavioral, eye-tracking and electrophysiology labs, conducting experimental procedures with infants and children with and without ASD, including eye-tracking and electrophysiological studies. This fellow will also be responsible for data management, data backup, data quality checks and data visualization procedures of both research protocols and clinical assessments, and may also assist in data analysis and grant and manuscript preparation. Applicants with experience in design and implementation of behavioral, eye-tracking, and/or psychophysiological studies, as well as a strong background in statistical methods, including linear mixed models and data-driven analytic approaches will be reviewed favorably.

For both fellowship positions, experience with implementation of behavioral, eye-tracking, and psychophysiological studies, as well as in data processing and analysis will be helpful. Applicants must be proficient in MS Word, Excel, and PowerPoint. Familiarity with database management systems such as Microsoft Access and statistical packages such as R, SPSS, and SAS will be reviewed favorably.

The position is one year in duration with a salary of \$35,700.00. A reappointment to a second year may be possible and will be determined 4-6 months prior to the end date. **Anticipated start date is Sept. 2021 and may start remotely in accordance with Yale University guidance around COVID-19.**

### **Eligibility Requirements**

Postgraduate positions are open to those who will have received a bachelor and/or master's degree before beginning the position, but not doctoral degrees. For more specific questions, interested applicants should contact Suzanne Macari at [sanalab@yale.edu](mailto:sanalab@yale.edu).

Yale University is an Affirmative Action/Equal Opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.

### **Application Information**

#### **Application Deadline: February 7, 2021, 11:59 pm EST**

Application includes 1 copy of each of the following items, preferably in pdf format:

- A completed application cover page – all sections are required.
- A CV
- Official transcripts, undergraduate and graduate (if applicable). Transcripts should be sent directly from the institution.
- A 2-page personal statement containing biographic material, relevant experience, and career goals - can be single or double spaced
- Two letters of recommendation that speak directly to the candidate's potential. Electronic copies of recommendation letters are preferred and must be emailed to [sanalab@yale.edu](mailto:sanalab@yale.edu) directly from the recommender. Hard copies may be sent by recommenders in signed and sealed envelopes to the address below.

Please include your full name on EVERY PAGE of the items listed above.

Electronic applications (with scanned documents and separate letters of recommendation emailed directly from referees) are preferred and can be sent directly to [sanalab@yale.edu](mailto:sanalab@yale.edu).

Items not sent electronically can be sent to:

Yale Child Study Center  
Yale Social and Affective Neuroscience of Autism Program  
300 George Street, Suite 900  
New Haven, CT 06511

**Yale Social and Affective Neuroscience of Autism Program (SANA)  
Fellowship Application Cover Page – January/February 2021**

Name: \_\_\_\_\_

Gender: \_\_\_\_\_  
Mailing Address (Current)

DOB: \_\_\_\_\_  
Permanent Address (After Graduation)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Prior Study: \_\_\_\_\_  
Institution City, State Anticipated Graduation

Degree: \_\_\_\_\_  
Type of Degree Major GPA

Applying for position: \_\_\_\_\_ Developmental Psychopathology and Social Neuroscience  
(check one or both) \_\_\_\_\_ Developmental Neuroscience of Autism

Recommendations:

R1: \_\_\_\_\_

Name Title Institution Phone

R2: \_\_\_\_\_

Name Title Institution Phone

Signature: \_\_\_\_\_

Name Date

*I certify that the information given by me on this application and supporting documents is complete and accurate.*