The Duke Early Experience and the Developing Brain (DEED; sites.duke.edu/deed) Lab, an NIH funded lab in Duke's Psychology & Neuroscience department, is seeking a research technician with significant interest in child psychopathology, child development, and child testing.

The DEED Lab studies the transactional relationships between early life experiences and brain development, with a central focus on how our understanding of functional brain development during the first six years of life can be used to help children with early emerging disruptions in socioemotional development. Techniques routinely used in the lab to investigate these relationships include functional Magnetic Resonance Imaging (fMRI), electroencephalography (EEG), dyadic head-mounted eye-tracking, and behavioral testing. Children visiting the lab frequently include infants, toddlers, and preschoolers exhibiting early emerging features of depression or autism spectrum disorder. Through our innovative research and training, the DEED Lab strives to inform social policies that will support a strong foundation for young, vulnerable children.

This position will support the Neurodevelopmental Trajectories of Reward Processing in Very Early Emerging Risk for Depression study, a federally funded longitudinal program of research investigating brain development and risk for depression in preschoolers. The main responsibilities of this position will include interacting with and testing preschool age children, participating in the collection of EEG data from preschool age children, attending fMRI scans with preschoolers and their families, assisting with study recruitment and scheduling as needed, and participating in data entry and coding.

The research technician will also have opportunities to co-author research publications and presentations in their own areas of interest and in ongoing projects in the lab.

Desired Skills/Experience Include:

- A high degree of comfort in working with young children and their families.
- Interactive communication skills and ability to constructively work with others including researchers, staff, students, and participating families.
- Previous experience in conducting research with preschoolers is highly desirable. However, previous experience leading structured activities for preschoolers (e.g., nanny, daycare provider, etc.) will also be viewed favorably.
- Coursework and/or research experience in relevant field(s) (e.g., clinical psychology, developmental psychology, cognitive neuroscience, socioemotional development, etc.)
- Experience with collecting EEG data is a plus.
- Experience with relevant EEG software is a plus (e.g., Net Station, Brain Vision Analyzer 2 etc.)
- Familiarity with REDCap is a plus.

Duke Psychology and Neuroscience has a strong community of researchers (see primary faculty here). The DEED lab collaborates with this community as well as researchers from other institutions. Travel to visit collaborating investigators and their labs who are not at Duke so that new techniques/software can be brought back to DEED may be possible, though not required.

(See next page for instructions on how to apply)
To apply, please send an email to michael.gaffrey@duke.edu with the subject line: "Gaffrey NTREC Child Research Technician Position" and the following items...

1. Current CV (including contact details of 3 references)
2. Letter of Interest highlighting how your background complements the labs' needs and interests.

Applications will be reviewed beginning July 2nd and will continue until a suitable candidate is selected. This is a one year position with possibility of renewal.

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual's race, color, religion, age, gender, sexual orientation, national origin, genetic information, veteran status, or disability.