

Post-baccalaureate and Post-doctoral Research Positions in Neurocognitive Development Lab

University of Maryland, College Park

Dr. Tracy Riggins and the Neurocognitive Development Lab (<http://ncdl.umd.edu>) in the Department of Psychology at the University of Maryland, College Park is hiring **a full-time post-baccalaureate research assistant** and **a post-doctoral research associate** for an NIH/NSF-funded research project examining sleep, memory, and brain development in early childhood (<http://ncdl.umd.edu/research.html>).

Full-time post-baccalaureate research assistant (Faculty Specialist): The candidate must have or be in the process of completing a bachelor's degree in a related scientific field (e.g., Psychology, Neuroscience, Human Development); previous research experience with human subjects (preferably using EEG or MRI); the ability to work independently; keen attention to detail; reliable transportation; and the ability to interact warmly and professionally with parents and children. Strong computational, organizational, managerial, problem-solving, and analytic skills are essential.

Responsibilities will include: (1) conducting experiments with young children and adults (including: recruiting, scheduling, and data collection); (2) analyzing behavioral, electrophysiological and neuroimaging data; (3) training and supervising undergraduate research assistants; (4) performing general administrative duties, including data management and maintenance of budgets, lab web pages and participant recruiting systems; (5) programming scientific experiments and developing experimental stimuli, (6) assisting with IRB protocol creation and compliance, (7) conducting library searches and literature reviews to assist in manuscript preparation; and (8) providing general support for the PI and other researchers in the laboratory including, but not limited to, purchasing and maintaining lab equipment.

Post-doctoral research associate: The candidate must have completed or be in the process of completing a PhD in Psychology, Neuroscience, Biology, or other related discipline. Training in MRI and fMRI data analysis, programming experience and knowledge of advanced statistical method, mastery of English speaking and writing, reliable transportation, and experience working with human subjects are required. Successful candidates must have keen attention to detail; ability to work professionally with parents and children; and strong organization, problem solving, and analytic skills. Experience with preparation of scientific manuscripts or grant applications is strongly preferred.

We seek a post-doc who is motivated and ambitious, who is prepared for a hands-on research experience including the use of new tasks and techniques, and who is prepared to be an intellectual contributor to the research. Responsibilities will include: (1) conducting experiments in young children (behavioral, physiological and MRI data collection); (2) data processing and analysis; (3) training and supervising graduate students, undergraduate students, and project assistants; (4) contributing to administrative duties of the lab; (5) assisting with research protocols and compliance; and (6) contributing to data dissemination (poster presentations, manuscript submissions).

The positions will start in late spring/early summer 2020. Review of applications will begin March 15, 2020 and continue until the positions are filled. Interested individuals should email a cover letter, CV, and names and contact information of 3 references to Arcadia Ewell at aewell1@umd.edu. Please include all documents in a single pdf file and include your last name in the file (i.e., "LASTNAME.pdf").

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