Lab Manager in the Robertson Lab at Dartmouth College

L A B M A N A G E R

POSITION OPENING: The Robertson lab at Dartmouth is recruiting a full-time Lab Manager – an aspiring neuroscience researcher with strong coding and project management skills – to assist with research on the human brain and behavior. Target start date is June 1, 2024. This full-time position includes Dartmouth employee benefits and lasts for two years with possible renewal.

Our lab studies how people see, remember, and neurodiverge. To study these topics, we embrace a wide range of experimental and computational techniques. We seek to characterize complex human behaviors in naturalistic settings (using wearable Virtual Reality and eye-tracking) and, ultimately, to link these behaviors to neurobiological theories of the brain (using neuroimaging: fMRI, MRS, EEG). As a lab, we are a passionate group of scientists who work together to build knowledge about how the mind and brain works. We embrace diversity as an essential ingredient of our lab environment.

At Dartmouth, our lab is one of 19 labs studying topics that range from systems neuroscience to cognitive neuroscience to social psychology in the Department of Psychological and Brain Sciences. We are affiliated with the Dartmouth Center for Cognitive Neuroscience, the Dartmouth Brain Imaging Center, the Dartmouth Autism Research Initiative, the Neukom Institute for Computational Science and have strong collaborations throughout the Boston area and beyond.

REQUIREMENTS AND RESPONSIBILITIES:

We seek a creative, organized, reliable, and self-motivated individual for this role. Your primary responsibilities will include programming, running behavioral and neuroimaging studies, and managing lab infrastructure and team communication. You will learn many scientific techniques, including virtual reality (VR), eye-tracking, and functional magnetic resonance imaging (fMRI). You will work closely with the PI, and may gain experience working with neurodiverse individuals, including people with autism. A typical week will involve: ~33% coding, 33% experimentation, and 33% administrative responsibility.

Our laboratory is a fast-paced and highly interdisciplinary intellectual environment. The schedule is flexible and compatible with working at home

sometimes, but the ability to work at Dartmouth on some evenings or weekends, when necessary to accommodate participants' schedules, is desired. This position is a great platform for individuals considering future graduate studies in neuroscience or medical school.

Desired qualifications / qualities include any of the following:

– Excitement about the brain and cognitive neuroscience
– Programming skills (MATLAB, Python, C#, Unity)
– Experience with experimental data collection
– Experience with neuroimaging
– Project organization / management skills
– Motivation to adopt effective organizational practices
– The ability to distill priorities and organize information in a fast-paced environment
– Excellent written, verbal, and visual communication skills to represent research projects effectively to multiple audiences
– Stellar interpersonal skills, including the ability to communicate with participants as well as Dartmouth students, faculty, administrators, and support staff

HOW TO APPLY: Please email Dr. Caroline Robertson (cerw at dartmouth dot edu), including a brief statement of interest describing your prior experience, along with a CV. Applications will be considered on a rolling basis starting on 3/25, and will continue as long as this posting is up, and review will be considered on a rolling basis. Ideally, please submit by 4/1 for full consideration.

P O S T D O C T O R A L S C I E N T I S T

POSITION OPENING: The Robertson Lab at Dartmouth has an opening for a postdoctoral scientist to lead studies of the human brain and behavior. This full-time position lasts for two years with possible renewal. Our lab studies how people see, remember, and neurodiverge. To study these topics, we embrace a wide range of experimental and computational techniques. We seek to characterize complex human behaviors in naturalistic settings (using wearable Virtual Reality and eye-tracking) and, ultimately, to link these behaviors to neurobiological theories of the brain (using neuroimaging: fMRI, MRS, EEG). As a lab, we are a passionate group of scientists who work together to build knowledge about the human brain and behavior. We embrace diversity as an essential ingredient of our vibrant intellectual environment.

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REQUIREMENTS: We encourage applications from creative, self-motivated scientists who are eager to develop an independent research program in a premier neuroimaging department. Candidates should have or expect to receive a PhD in a related field (e.g. neuroscience, psychology, engineering, physics) and a strong backbone in cognitive, clinical, and/or computational neuroscience. Desired strengths include strong prior experience in:

- Neuroimaging (fMRI, MRS, EEG)
- Programming (MATLAB or Python)
- Computational approaches to data analysis
- Virtual reality (C#, Unity)

HOW TO APPLY: Please email Dr. Caroline Robertson (cerw at dartmouth dot edu), including a statement of interest describing your prior experience, curiosity about our lab, and future research goals along with a CV. Applications will be considered as long as this posting is up.

Apply here!