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Full-time postbaccalaureate position in brain imaging and sleep, NeuroCognitive Development Lab, University of Maryland, College Park, USA

The NeuroCognitive Lab (directed by Dr. Tracy Riggins) at the [University of Maryland, College Park](#), is seeking a **full-time postbaccalaureate research assistant** for an NIH-funded study of brain development, sleep, and memory in early childhood. This project, in collaboration with Dr. Rebeca Spencer (UMass, Amherst) will provide an opportunity to bridge domains of brain development, sleep science, and cognition.

The NeuroCognitive Development Lab broadly focuses on the co-development of the brain and memory in early childhood. We are particularly interested in mechanisms underlying sleep benefits to these domains and apply multiple tools to address these questions (MRI, EEG/polysomnography, behavioral assessments). See <http://ncdl.umd.edu/research.html> for more details.

Position details:

Responsibilities will include:

- conducting experiments in young children (MRI, behavioral, and sleep physiology data collection)
- programming scientific experiments and developing experimental stimuli
- analyzing behavioral, electrophysiological and neuroimaging data
- training and supervising undergraduate students and project assistants
- performing general administrative duties, including data management and maintenance of budgets, lab web pages and participant recruiting systems
- assisting with research protocols and compliance
- providing general support for the PI and other researchers in the (e.g., purchasing and maintaining lab equipment)
- contributing to data dissemination (poster presentations, manuscript submissions)

Minimum qualifications:

- bachelor's degree in psychology, neuroscience, human development or related field
- previous research experience with human subjects
- ability to work independently and keen attention to detail
- ability to interact warmly and professionally with parents and children.
- strong organizational, managerial, and problem-solving skills are essential.
- reliable transportation

Preferred qualifications:

- demonstrated experience managing research assistants or other staff
- experience collecting MRI, EEG and/or PSG data
- strong computational and programming skills

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. UMD is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, sex, pregnancy, gender identity or expression, sexual orientation, marital status, age, national origin, political affiliation, physical or mental disability, religion, protected veteran status, genetic information, personal appearance, or any other legally protected status in all aspects of employment. UMD is actively engaged in recruiting, hiring, and promoting underrepresented communities; minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Review of applications will begin January 15, 2023 and continue until the position is filled. The position is set to begin April 1, 2023 (with some flexibility) contingent on available funds and a 2-year commitment is preferred with the possibility of additional reappointment. Interested individuals should email a cover letter/research statement, CV, and names and contact information of 3 references to Tracy Riggins at riggins@umd.edu. Please include all documents in a single pdf file and include your last name in the file (i.e., "LASTNAME.pdf").

Postdoc position in brain imaging and sleep, NeuroCognitive Development Lab, University of Maryland, College Park, USA

The NeuroCognitive Lab (directed by Dr. Tracy Riggins) at the **University of Maryland, College Park**, is seeking a **full-time post-doctoral scholar** for an NIH-funded study of brain development, sleep, and memory in early childhood. This project, in collaboration with Dr. Rebeca Spencer (UMass, Amherst) will provide an opportunity to bridge domains of brain development, sleep science, and cognition. The project provides opportunity for the scholar to pursue their own research questions from the rich dataset.

The NeuroCognitive Development Lab broadly focuses on the co-development of the brain and memory in early childhood. We are particularly interested in mechanisms underlying sleep benefits to these domains and apply multiple tools to address these questions (MRI, EEG, PSG, behavioral assessments). See <http://ncdl.umd.edu/research.html> for more details.

Position details:

Responsibilities will include:

- conducting experiments in young children (MRI, behavioral, and sleep physiology data collection)
- data processing and analysis
- training and supervising graduate students, undergraduate students, and project assistants
- assisting with research protocols and compliance
- contributing to data dissemination (poster presentations, manuscript submissions)

Minimum qualifications:

- PhD in psychology, neuroscience or related field
- experience collecting and analyzing MRI or related data in developmental populations
- proficiency in statistical software (e.g., R, SPSS)
- record of peer-reviewed publications
- excellent communication skills, keen attention to detail and strong organizational and problem solving skills
- demonstrated ability to recruit developmental populations for research
- reliable transportation

Preferred qualifications:

- experience working independently
- demonstrated experience managing research assistants or other staff
- experience collecting and analyzing EEG and/or PSG

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. UMD is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, sex, pregnancy, gender identity or expression, sexual orientation, marital status, age, national origin, political affiliation, physical or mental disability, religion, protected veteran status, genetic information, personal appearance, or any other legally protected status in all aspects of employment. UMD is actively engaged in recruiting, hiring, and promoting underrepresented communities; minorities, women, individuals with disabilities, and veterans are encouraged to apply.

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Full-time postbaccalaureate position in brain imaging and sleep, Somneuro Lab, University of Massachusetts, Amherst

The Somneuro Lab (directed by Dr. Rebecca Spencer) at the [University of Massachusetts, Amherst](#) is seeking a **full-time postbaccalaureate research assistant** for an NIH-funded study of brain development, sleep, and memory in early childhood. This project, in collaboration with Dr. Tracy Riggins (University of Maryland) will provide an opportunity to bridge domains of brain development, sleep science, and cognition.

The lab and program environment is rich and based in new research facilities. The Somneuro Lab broadly focuses on sleep's role in memory across development and aging. We are particularly interested in neural mechanisms underlying sleep benefits to cognition and apply multiple tools to address these questions (MRI, EEG/polysomnography, behavioral assessments). See somneurolab.com for more details.

Position details:

Responsibilities will include:

- conducting experiments in young children (MRI, behavioral, and sleep physiology data collection)
- data processing and analysis
- training and supervising undergraduate students and project assistants
- performing general administrative duties, including data management, scheduling meetings, and helping with purchasing and equipment maintenance
- assisting with research protocols and compliance
- contributing to data dissemination (poster presentations, manuscript submissions)

Minimum qualifications:

- bachelor's degree in psychology, neuroscience, or related field
- previous research experience with human subjects
- ability to work independently and keen attention to detail
- ability to interact warmly and professionally with parents and children.
- strong organizational, managerial, and problem-solving skills are essential.
- reliable transportation
- experience working with children in some capacity

Preferred qualifications:

- demonstrated experience managing research assistants or other staff
- experience collecting MRI, EEG/polysomnography data
- strong computational and programming skills

We are committed to supporting a diverse and inclusive research environment. We seek to recruit, support, and retain members from diverse backgrounds and groups that have historically been underrepresented in the sciences. We encourage individuals of all racial, ethnic, cultural, religious, and gender identities to apply.

The Somneuro Lab is in the Institute for Applied Life Sciences and the Department of Psychological & Brain Sciences and part of the Neuroscience & Behavior Program at the University of Massachusetts, Amherst. Amherst, Massachusetts is in the beautiful western part of Massachusetts with plenty of outdoor recreational opportunities and scenery. Situated between Boston, Albany, and Providence, the lab offers many opportunities to attend lectures and workshops and visit labs in the New England region. The University of Massachusetts joins Amherst College, Hampshire College, Mt. Holyoke College, and Smith College as part of the Five College consortium, which facilitates academic exchanges between these neighboring institutions.

Review of applications will begin January 15, 2023 and continue until the positions are filled. The position is set to begin April 1, 2023 (with some flexibility) and a 2-year commitment is preferred with the possibility of additional reappointment. Position contingent on funding. Interested individuals should email a cover letter/research statement, CV, and names and contact information of 3 references to Dr. Rebecca Spencer at rspencer@umass.edu.

Post-doc position in brain imaging and sleep, Somneuro Lab, University of Massachusetts, Amherst

The Somneuro Lab (directed by Dr. Rebecca Spencer) at the [University of Massachusetts, Amherst](#) is seeking a **full-time post-doctoral scholar** for an NIH-funded study of brain development, sleep, and memory in early childhood. This project, in collaboration with Dr. Tracy Riggins (University of Maryland) will provide an opportunity to bridge domains of brain development, sleep science, and cognition. The project provides opportunity for the scholar to pursue their own research questions from the rich dataset.

The lab and program environment is rich and based in new research facilities. The Somneuro Lab broadly focuses on sleep's role in memory across development and aging. We are particularly interested in neural mechanisms underlying sleep benefits to cognition and apply multiple tools to address these questions (MRI, EEG/polysomnography, behavioral assessments). See somneurolab.com for more details.

Position details:

Responsibilities will include:

- conducting experiments in young children (MRI, behavioral, and sleep physiology data collection)
- data processing and analysis
- training and supervising graduate students, undergraduate students, and project assistants
- assisting with research protocols and compliance
- contributing to data dissemination (poster presentations, manuscript submissions)

Minimum qualifications:

- PhD in psychology, neuroscience, or related field
- experience collecting and analyzing MRI or related data in developmental populations
- proficiency in statistical software (e.g., R, SPSS)
- a record of peer-reviewed publications
- excellent communication skills, keen attention to detail and strong organizational and problem solving skills
- demonstrated ability to recruit developmental populations for research
- reliable transportation

Preferred qualifications:

- experience working independently
- demonstrated experience managing research assistants or other staff
- experience collecting and analyzing EEG/polysomnography

We are committed to supporting a diverse and inclusive research environment. We seek to recruit, support, and retain members from diverse backgrounds and groups that have historically been underrepresented in the sciences. We encourage individuals of all racial, ethnic, cultural, religious, and gender identities to apply.

The Somneuro Lab is in the Institute for Applied Life Sciences and the Department of Psychological & Brain Sciences and part of the Neuroscience & Behavior Program at the University of Massachusetts, Amherst. Amherst, Massachusetts is in the beautiful western part of Massachusetts with plenty of outdoor recreational opportunities and scenery. Situated between Boston, Albany, and Providence, the lab offers many opportunities to attend lectures and workshops and visit labs in the New England region. The University of Massachusetts joins Amherst College, Hampshire College, Mt. Holyoke College, and Smith College as part of the Five College consortium, which facilitates academic exchanges between these neighboring institutions.

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