

## Research Assistant Position

40 hours/week, including 2-3 weekend afternoon-evening shifts per week

University of Oregon Sleep Lab

### Special Instructions to Applicants:

Submit a cover letter, resume/vita, and the names and contact information for three academic/professional references to the [Center for Translational Neuroscience Open Pool](#) at the University of Oregon. The cover letter should mention the Oregon Sleep Lab and/or Dr. Casement, describe why you would like to join the lab, and outline your qualifications and professional competencies. You can also contact Dr. Casement directly at [casement@uoregon.edu](mailto:casement@uoregon.edu).

### Position Summary:

The Center for Translational Neuroscience (CTN) is seeking a research assistant to work with the Oregon Sleep Lab (OSL; [sleeplab.uoregon.edu](http://sleeplab.uoregon.edu)), headed by Dr. Melynda Casement. The research assistant will help collect and analyze data for two NIH-funded studies that evaluate the effects of sleep and circadian characteristics on reward- and stress-related brain function and mental health in adolescents and young adults. Data collection includes assessment of sleep and circadian characteristics via electroencephalography (EEG), salivary dim-light melatonin onset (DLMO), actigraphy, clinical interviews, and questionnaires. Reward- and stress-related brain function are assessed using functional magnetic resonance imaging (fMRI), physiological stress responses (heart rate, blood pressure, salivary cortisol), and behavioral task performance. Mental health, including depressive symptoms and substance use, are assessed using structured clinical interviews, questionnaires, and biosamples (urine, saliva). The research assistant will run laboratory visits on weekend afternoons/evenings and assist with participant recruitment and screening during the week. Additional responsibilities will include assisting with data processing, regulatory procedures, and training and supervision of student research assistants. There will also be opportunities to collaborate on conference presentations and manuscripts for publication. This position requires afternoon and evening hours on weekends and at least a 1-year commitment.

### Minimum Qualifications:

- Bachelor's degree in Psychology, Neuroscience, Human Physiology, or a related discipline.
- At least 1 year of prior research experience with human subjects

### Professional Competencies:

- Excellent interpersonal skills, including the ability to maintain professionalism and warmth when working with research participants and study staff.
- Highly organized, efficient, detail-oriented, and thorough.
- Ability to manage multiple tasks, including strong time-management skills.
- Ability to learn quickly, solve problems, and work independently and with a team.
- Strong verbal and written communication skills.

### Preferred Qualifications:

- Professional experience working with individuals who have mental health conditions, particularly depression and/or substance use disorders
- Professional experience working with adolescents and/or young adults
- Statistical training and experience with statistical software (e.g., R, SPSS).
- Experience with web-based survey software (e.g., Qualtrics, Redcap).
- Experience with fMRI data collection
- Interest and experience in community outreach and engagement, including a commitment to equity and inclusion of people from diverse demographic groups.

### Job Duties:

#### Essential

**65% Data acquisition:** Includes eligibility screening for research participants, running laboratory visits, and facilitating remote data collection.

**10% Supervision:** Training and supervision of student research assistants.

**10% Data processing:** Includes management, cleaning/processing, and basic analysis of data.

**10% Organization & Logistics:** Includes recruiting and scheduling research participants, attending weekly project management meetings, and other duties and responsibilities related to project administration.

Incidental

**5% Research dissemination:** Opportunities to present at conferences and write manuscripts, commensurate with skills and experience.