

The University of Oregon Sleep Lab, Directed by Dr. Melynda Casement, has multiple positions open to work on NIH-funded research: Project Coordinator, Research Assistants, and Sleep Technicians. Position descriptions are attached. You can apply through the [Pro Tem Research Assistant/Associate/Postdoc Open Pool](#) at the University of Oregon, or contact Dr. Casement directly at casement@uoregon.edu.

Research Project Coordinator Position – University of Oregon Sleep Lab

Special Instructions to Applicants:

Submit a cover letter, vita, and the names and contact information for three professional references to the [Pro Tem Research Assistant/Associate/Postdoc Open Pool](#) at the University of Oregon. Mention the Oregon Sleep Lab and/or Dr. Casement in your cover letter. You can also contact Dr. Casement directly at casement@uoregon.edu.

Position Summary:

The Project Coordinator (PC) will work with research investigators in the Oregon Sleep Lab (OSL) to implement two NIH-funded research projects. The coordinator will oversee participant recruitment and scheduling, data collection, data safety and monitoring, data archiving, and Internal Review Board (IRB) documentation within Dr. Melynda Casement's lab at the Center for Translational Neuroscience. The PC will also help train and oversee a team of research assistants, sleep technicians, and undergraduate researchers. This person will need to be comfortable making day-to-day decisions about the implementation of the research projects.

The research projects examine the impact of sleep and circadian rhythms on reward- and stress-related brain function and mental health in adolescents and young adults. The projects involve the collection of information about sleep and circadian characteristics, lifetime and daily stressors, reward- and stress-related brain function, and symptoms of depression and alcohol use disorder. Methods of data collection include electroencephalography (EEG), functional magnetic resonance imaging (fMRI), electrocardiography (ECG), blood pressure (BP), saliva samples for melatonin and cortisol, laboratory behavior tasks, questionnaires, and diagnostic interviews.

The PC will organize, track, and report on recruitment and retention of research participants, data quality, data archiving, protection of human subjects, and NIH and IRB documentation. The PC will work closely with the study staff and the lab director to ensure that all procedures are completed in an accurate, timely, and professional manner. The PC is responsible for ensuring that all project staff abide by project protocols, including procedures to ensure participant safety and data confidentiality and integrity. As needed, the PC will also directly participate in assessment activities. This position requires a flexible schedule, to include evening and weekend hours to accommodate study participants' availability as needed.

Preferred candidates for the position will have experience with: 1) management of large multi-method research projects, 2) training and supervision of project staff, and 3) EEG and/or fMRI protocols and procedures. Experience with collection or analysis of other project-related biological and clinical measures is a plus (e.g., ECG, endocrine measures, psychiatric diagnostic interviews). The PC must complete and maintain appropriate safety training and certifications as needed, including the annual MRI safety training, and bi-annual CITI Human Subjects training, and Good Clinical Practice training.

Minimum Qualifications:

- Bachelor's degree in psychology, behavioral science, or a related field
- One year of experience recruiting study participants and conducting data collection with human subjects
- One year of experience with database management
- One year of experience with training and oversight of other personnel

Professional Competencies:

- Effective communication skills in English, with a specific capacity for sensitivity, confidentiality, diligence, and persistence with regard to engaging and retaining participants in study
- Familiarity with customer service techniques and the ability to relay project information
- Ability to manage multiple scheduling issues; exceptional time management skills
- Demonstrated ability to prioritize tasks and manage documentation with efficiency and accuracy

- Demonstrated ability to work in a team environment, requiring participatory decision making and cooperative interactions among study staff
- Knowledge of basic research methods and creative problem-solving skills
- Strong proficiency in Microsoft Word, Excel, Outlook, and using the internet

Preferred Qualifications:

- Three years of research experience or progressively responsible employment in a field applicable to research, or a combination of such training and experience
- Experience with fMRI and/or EEG data collection
- Experience with IRB documentation and submission
- Experience with supervision of other personnel

Research Assistant Positions – University of Oregon Sleep Lab

Special Instructions to Applicants:

Submit a cover letter, vita, and the names and contact information for three professional references to the [Pro Tem Research Assistant/Associate/Postdoc Open Pool](#) at the University of Oregon. Mention the Oregon Sleep Lab and/or Dr. Casement in your cover letter. You can also contact Dr. Casement directly at casement@uoregon.edu.

Position Summary:

The Center for Translational Neuroscience (CTN) is seeking two research assistants to work with the Oregon Sleep Lab (OSL; sleeplab.uoregon.edu), headed by Dr. Melynda Casement. The research assistants will work on NIH-funded studies that evaluate the effects of short and late sleep on reward- and stress-related brain function and mental health in adolescents and young adults. The project(s) will collect information about: i) sleep and circadian characteristics measured via polysomnography (PSG), dim-light melatonin onset (DLMO), actigraphy, sleep diary, clinical interviews, and questionnaires; ii) lifetime and daily stressors assessed by questionnaires; iii) reward-related brain function assessed using functional magnetic resonance imaging (fMRI) and behavioral responses during monetary incentive tasks; iv) stress-related brain function assessed via electrocardiography (ECG), blood pressure, cortisol response, and self-report during a laboratory social stressor task; and v) patterns of alcohol use and symptoms of alcohol use disorder and depression assessed using structured clinical interviews and questionnaires. The research assistants will assist with multiple aspects of the study, including study start-up, participant recruitment and screening, data collection and processing, and IRB and data safety monitoring procedures. They will also interact extensively with Dr. Casement and her co-investigators at the University of Oregon and the University of Pittsburgh. Research assistants may also have opportunities to assist with training and supervision of other study staff (e.g., student research assistants) and collaborate on analysis and dissemination of study results via conference presentations and manuscripts for publication. We are looking for highly motivated, reliable, and resourceful individuals who are very organized and detail-oriented and can maintain a high level of professionalism and warmth when working with study participants and staff.

Minimum Qualifications:

- Bachelor's degree in Psychology, Neuroscience, Human Physiology, or a related discipline.
- Prior research experience, particularly with clinical studies, studies of adolescents and young adults, and/or studies that utilize fMRI or sleep PSG/EEG.

Professional Competencies:

- Interest in how sleep and stressors contribute to brain function and mental health in adolescents and young adults.
- Highly organized, efficient, detail-oriented, and thorough.
- Ability to manage multiple tasks, including strong time-management skills.
- Excellent interpersonal skills, including the ability to maintain professionalism and warmth when working with research participants and study staff.
- Ability to learn quickly, solve problems, and work independently and with a team.
- Strong verbal and written communication skills.

Preferred Qualifications:

- Some experience conducting research with clinical populations, particularly experience working with adolescents and young adults and/or training and experience in clinical assessments (e.g., Kiddie Schedule for Affective Disorders and Schizophrenia, Structured Clinical Interview for the DSM-5).
- Some experience and interest in collecting, processing, analyzing, and interpreting biobehavioral data, especially sleep PSG/EEG, fMRI, and/or ECG.
- Strong statistical training and experience with statistical software (e.g., R, SPSS).
- Some experience with web-based survey software (e.g., Qualtrics, Redcap).
- Some experience with computer programming (e.g., Matlab, Python, E-prime).

- Interest and experience in community outreach and engagement, including a commitment to equity and inclusion of people from diverse demographic groups.

Sleep Technician Positions – University of Oregon Sleep Lab

Special Instructions to Applicants:

Submit a cover letter, vita, and the names and contact information for three professional references to the Pro Tem Research Assistant/Associate/Postdoc Open Pool at the University of Oregon. Mention the Oregon Sleep Lab and/or Dr. Casement in your cover letter. You can also contact Dr. Casement directly at casement@uoregon.edu.

Position Summary:

The Sleep Technician will work with research investigators in the Oregon Sleep Lab (OSL) to implement overnight sleep assessments for two NIH-funded research projects. The Sleep Technician will be responsible for measurement of sleep via polysomnography (PSG), including electroencephalography (EEG) to measure brain activity and additional sensors to measure respiration, body movement, eye movements, and muscle tone. The Sleep Technician will apply and remove PSG equipment during participants' laboratory overnight assessments, monitor PSG signals overnight to ensure participant safety and data quality, and score PSG/EEG data using laboratory software. The Sleep Technician will also review PSG data with the lab director to screen participants for sleep disorders, and work closely with the project coordinator and research assistants to ensure that all sleep assessment procedures are completed in an accurate, timely, and professional manner. This position requires a flexible schedule, to include evening and overnight hours that accommodate study participants' availability as needed.

The research projects examine the impact of sleep and circadian rhythms on reward- and stress-related brain function and mental health in adolescents and young adults. The projects involve collection of information about sleep and circadian characteristics, lifetime and daily stressors, reward- and stress-related brain function, and symptoms of depression and alcohol use disorder. Methods of data collection include electroencephalography (EEG), functional magnetic resonance imaging (fMRI), electrocardiography (ECG), blood pressure (BP), saliva samples for melatonin and cortisol, laboratory behavior tasks, questionnaires, and diagnostic interviews.

Preferred candidates for the position will have experience with sleep PSG, general research practices to ensure participant safety and data confidentiality, and assessment of sleep disorders. Sleep Technicians must complete and maintain appropriate safety training and certifications as needed, including bi-annual CITI Human Subjects training and Good Clinical Practice training.

Minimum Qualifications:

- Associate's degree or at least two years of college or work experience in sleep technology, psychology, behavioral science, or a related field
- One year of experience with sleep polysomnography application and recording
- One year of experience with human subjects research

Professional Competencies:

- Proficiency with application of head electrodes and other PSG sensors, and monitoring of PSG signals during sleep to ensure data quality and assess for sleep disorders
- Demonstrated ability to work with human research participants, including attention to participant safety, comfort, privacy, and confidentiality
- Demonstrated ability to work in a team environment, requiring participatory decision making and cooperative interactions among study staff
- Knowledge of basic research methods and creative problem-solving skills

Preferred Qualifications:

- Proficiency with sleep EEG scoring and interpretation, including standards of the American Academy of Sleep Medicine (AASM)
- Experience with clinical sleep assessment (e.g., for sleep disordered breathing and sleep movement disorders)
- Experience with supervision of other personnel