**Job Title:** Research Technician

**Salary Range and Conditions:** Grade 5, Spine Point 16, 24 months part-time (0.8 FTE)

**Department/Division:** Division of Biomedical and Life Sciences

**Reports To:** Dr Sana Hannan, Lecturer in Neuroscience

**About us:** The Division of Biomedical and Life Sciences (BLS) at Lancaster University is a vibrant, interdisciplinary research environment focused on advancing understanding of human health and disease. Our research spans fundamental to applied science, led by internationally recognised academics with expertise in areas such as neuroscience and ageing. The Division offers state-of-the-art laboratory facilities and a collaborative, inclusive culture that supports both independent and team-based research. As part of the Faculty of Health and Medicine, BLS contributes to cross-cutting themes in health innovation and translational biomedical research, working closely with clinical and industrial partners to address pressing health challenges. We also work closely with the Faculty of Science and Technology, particularly the Department of Psychology, to undertake cutting-edge interdisciplinary research and training that delivers real-world impact.

Learn more about our Division: <https://www.lancaster.ac.uk/biomedical-and-life-sciences/>

**Job Purpose**

1. To contribute to active research projects in the Network Electrophysiology, Oscillations and Neurobiology (NEON) Lab, based in the Division of Biomedical and Life Sciences.
2. To provide technical, experimental, and general laboratory support to the Principal Investigator (PI, Dr Sana Hannan), students, and other lab members, including participant recruitment, data collection, and data management for in-lab electroencephalography (EEG), sleep and behavioural studies.
3. To support the day-to-day running of the lab, including equipment maintenance, inventory management, and ordering consumables.
4. To assist with health and safety procedures and record keeping for the lab.

**Main Responsibilities**

1. Prepare and conduct defined experiments, such as those involving high-density EEG and sleep recordings, including participant preparation, equipment and data quality checks, and troubleshooting technical issues during data collection.
2. Undertake participant-facing aspects of research studies, including participant recruitment, screening, scheduling, and administering behavioural and cognitive tasks in accordance with approved protocols.
3. Perform accurate high-quality recording, secure storage, and appropriate labelling of a variety of research data, assist with initial data processing and analysis, and provide summaries of results including written reports.
4. Manage laboratory resources, including maintaining inventories, placing and tracking orders for consumables and other items, ensuring equipment is maintained, and supporting regulatory administration (e.g., risk assessments).
5. Assist in the running of the NEON Lab by supporting day-to-day activities, contributing to data and resource management in the group.
6. Provide training and technical guidance to students and other lab members, including demonstrating equipment use and safe working practices.
7. Participate in lab meetings, journal clubs, and departmental seminars.
8. Undertake relevant training and professional development as agreed with the PI to support both the success of the project and career progression.
9. Undertake outreach activities and engage with relevant external stakeholders.
10. Carry out any other duties appropriate to the grade and role, as directed by the PI.

**Job Hazards/Safety-Critical Duties and required Pre-employment Checks:**

This role involves working with human participants and electrical equipment; appropriate training and safety protocols will be provided. On occasion, you may be required to work alone in a laboratory or office environment while preparing for or completing research sessions. A full risk assessment has been conducted to ensure personal safety, and emergency procedures are in place in the event of an accident, fire, or other unforeseen incident.

**Physical Demands:**

This role will involve moving and setting up of research equipment, including the high-density EEG system, extended periods of computer use, and handling materials within a research setting.

**Values:**

The University recognises and celebrates good employment practice undertaken to address all inequality in higher education whilst promoting the importance and wellbeing for all our colleagues.

We expect all staff to embrace our core values and work positively to support equality, diversity, and inclusion, ensuring that every team member contributes to a supportive, and respectful working environment.

Find out what it's like to [work at Lancaster University](https://www.lancaster.ac.uk/jobs), including information on our wide range of employee benefits, support networks and our policies and facilities for a family-friendly workplace.