

Candidate Information

Position: Technician (Grade 4)
School/Department: School of Pharmacy
Reference: 22/109703
Closing Date: Monday 25 April 2022
Salary: £21,686 - £24,174 per annum.
Anticipated Interview Date: Thursday 5 May 2022

JOB PURPOSE:

To provide specific technical support services to the Pioneer Research Programme.

MAJOR DUTIES:

1. Assist with the maintenance and operating specialised equipment for the Pioneer Research Programme. Provide training and supervision of key pieces of research equipment.
2. Assist with the day to day running of various research projects within the School.
3. Contribute towards routine aspects of cell culture – e.g. maintaining cell stock records, mycoplasma testing, incubator monitoring and decontamination. Provide training on protocols essential to cell culture and aseptic technique.
4. Maintain, clean, repair and test equipment ensuring general workshop/laboratory tidiness.
5. Ensure the general security of equipment and of laboratory areas.
6. Advise students and staff in the design and development of apparatus for research project work. Assist with troubleshooting of equipment.
7. Monitor levels of stocks/stores and ensure that equipment, consumables and work area are ready to use when required. Liaise with suppliers to achieve best value and lead times on essential stock.
8. Set up equipment for research experiments following clear guidelines and/or procedures.
9. Carry out precision measuring/testing/calibration of equipment following clear set procedures.
10. Maintain accurate records and draft documentation and reports of conclusions.
11. Comply with Health and Safety procedures affecting self and others. Monitor Health & Safety in laboratories and advise students and staff as appropriate. Maintain and advise on the completion of COSHH and equipment risk assessments.
12. Carry out any other duties which, are appropriate to the post, as may be reasonably requested by Supervisor.

ESSENTIAL CRITERIA:

1. Academic and/or vocational qualifications ie OND/ONC and/or NVQ level 3 in relevant subject (or equivalent).
2. 2 years recent relevant work experience in a lab to include:
 1. At least one year's practical experience operating/maintaining research equipment.
 2. Experience of providing training in various pieces of equipment.
 3. Knowledge of proper procedures for laboratory waste disposal.
 4. Experience of lab protocols using aseptic technique.
 5. Experience maintaining training records and managing equipment booking.
3. Technical knowledge in own specific or technical specialism.
4. Working knowledge of relevant systems, equipment and processes.
5. Good understanding of relevant regulations and procedures including Health and Safety requirements.
6. Good communication and interpersonal skills.
7. Ability to develop and demonstrate standard equipment and techniques.
8. Ability to work within established procedures but with minimal supervision.
9. Ability to plan own work schedule responding to new pressures and adjusting priorities.
10. Problem solving skills.

11. Ability to provide standard guidance and advice to junior colleagues/students.

DESIRABLE CRITERIA:

1. Practical experience with HPLC, microscopy, thermal equipment, NMR, plate reader and other laboratory equipment.
2. Experience manipulating mammalian cell lines. Experience working with and overseeing cryogenic storage of related samples.