



## NMR technician

Department	Strathclyde Institute of Pharmacy and Biomedical Sciences ( <a href="http://www.strath.ac.uk/science/strathclydeinstituteofpharmacybiomedicalsciences/">www.strath.ac.uk/science/strathclydeinstituteofpharmacybiomedicalsciences/</a> )		
Faculty	Faculty of Science ( <a href="http://www.strath.ac.uk/science/">www.strath.ac.uk/science/</a> )		
Staff Category	Technical Services	Reference No	646606
Reports To	Prof. Katharina Edkins	Grade	5
Salary Range	£25,742 - £27,181	Contract Type	Fixed Term (5 years)
FTE	0.5 (17.5 hours/week)	Closing Date	16/09/2024
Working Arrangements	Fully On-site. Due to the nature of this role, it is based fully on-site.	On Site Facilities	Car parking, sports centre, catering.
Holidays	27 days + 11 statutory days Option to purchase additional holidays.		
Pensions	Contributory pension scheme available to all staff including generous employer contribution.		
Training	Professional Development with <a href="#">Organisational and Staff Development Unit</a> (OSDU) plus external training if required.		
Family Friendly Benefits	Generous parental leave provision, on-campus nursery and options for flexible working.		
Health and Wellbeing	University Sport centre, Occupational Health service, access to health and wellbeing events, cycle to work scheme, Employee Assistance Programme, agile working and established carers support network and carer friendly policies.		

### Job Advert

A technician position is available in the group of Prof. Katharina Edkins at the Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS) at the University of Strathclyde. Prof. Edkins leads a group investigating the connection between supramolecular interactions in the solution/amorphous phase before and in the crystal structures after crystallisation with the aim to predict the crystallisation outcome of an experiment before performing it. The group is aligned to a major national EPSRC Centre for Innovative Manufacturing in Continuous Manufacturing and Crystallisation (CMAC; [www.cmac.ac.uk](http://www.cmac.ac.uk)) and as such benefits from access to world class crystallisation and analytical facilities in a community of cross-disciplinary postgraduate and post-doctoral researchers looking at various aspects of crystallisation, secondary manufacturing, and advanced solid state analysis.

This position is part of an ERC consolidator grant funded through the UKRI guarantee scheme (EP/Z00005X/1) and will support the running of the group's 400 MHz NMR spectrometer with both solution and solid-state probes. The duties include cryogenic fills, exchange of probes when necessary along with the required testing, trouble shooting of problems, liaising with the supplier and arrange visits to resolve larger problems, training users on the instrument and performing support experiments for the group. The successful candidate will further support the PI in running of the research group in terms of ordering, laboratory maintenance, laboratory safety, research support and other relevant day-to-day activities.

The candidate will show experience in running and maintaining an NMR spectrometer with a good fundamental knowledge of the technique. Relevant experience in organising laboratory activities, health and safety, and procurement is highly desirable.

For further information and informal enquiries please contact Prof. Katharina Edkins ([Katharina.edkins@strath.ac.uk](mailto:Katharina.edkins@strath.ac.uk)).

## Job Description

### Brief Outline of Job:

Working closely alongside the PI, you will be in charge of running the NMR spectrometer of the group including cryogenics fill, regular maintenance, troubleshooting and organising contact and visits from the supplier for larger problems with the instrument. You will also support the research group through organisation, procurement and health and safety tasks as well as conduct supporting experiments where appropriate.

### Main Activities/Responsibilities:

1.	Run and maintain the NMR spectrometer of the research group, carry out cryogenics fills, probe exchange and testing, troubleshooting of smaller issues, liaising with supplier and arranging visits or repairs to resolve larger problems.
2.	Plan and manage own workload, with support from the PI as required.
3.	Support on carrying out procurement activities for the research group.
4.	Manage supplies and consumables in the group's lab.
5.	Assess and manage health and safety in the group's lab with the relevant paperwork.
6.	Organise group-related activities, such as chemicals inventory, rota for lab responsible, group meetings room bookings etc.
7.	Collaborate closely with the NMR facility in the Department of Pure and Applied Chemistry.
8.	Support the group's research through experiment and advice where appropriate.
9.	Where appropriate, supervise student projects.
10.	Engage in continuous professional development.

## Person Specification

### Educational and/or Professional Qualifications

(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

E1 Educated to HNC level, or equivalent relevant experience.

### Experience

E2 Practical experience in NMR spectroscopy with a solid theoretical background knowledge

D1 Experience in running an NMR spectrometer as facility

E3 Experience in laboratory health and safety including the relevant documentation

D2 Experience in supporting a research group through organisation, procurement and support experiments

### Job Related Skills and Achievements

E4 Excellent organisational skills

E5 Ability to plan and manage own workload

### Personal Attributes

E6 Ability to be proactive and use initiative to solve problems

E7 Excellent written and oral communication skills

E8 Ability to work to deadlines with accuracy and precision

E9 Good team-working skills

## Application Procedure

Applicants are required to complete an application form including the name of two referees who will be contacted without further permission, unless you indicate that you would prefer otherwise. Applicants should also complete the Equal Opportunities Monitoring Form.

## Other Information

Further information on the application process and working at Strathclyde can be found on our website (<http://www.strath.ac.uk/hr/workforum>).

Informal enquiries about the post can be directed to Katharina Edkins, Professor in Molecular Pharmaceutics (Katharina.Edkins@strath.ac.uk).

### Conditions of Employment

Conditions of employment relating to the Technical Services staff category can be found at: [Conditions of Employment](#).

### Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found [here](#).

### Probation

Where applicable, the successful applicant will be required to serve a 6 month probationary period.

### Pension

The successful applicant will be eligible to join the Local Government Pension Scheme (LGPS) in Scotland. Further information regarding this scheme is available from [Payroll and Pensions](#).

### Interviews

Formal interviews for this post will be held in October 2024.

### Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks.

We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBT+, and disabled candidates and candidates from lower socio-economic groups and care-experienced backgrounds.

### University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. [Our Values](#) have been derived from how we act and how we expect to be treated as part of Strathclyde.



# Conditions of Employment

## Technical Services Staff Grades 3 to 5

### 1. GENERAL CONDITIONS

Members of staff are subject to the Charter and Statutes and the Ordinances and Regulations of the University, published in the Calendar, and to any amendments or additions thereto approved by the University Court and, in the case of the Charter and Statutes, the Privy Council. Staff are also expected to familiarise themselves with, and adhere to, general University policies and procedures, as published on University web pages.

The University Court recognises UNITE as the sole body with which it will negotiate and consult on all collective issues concerned with the terms and conditions of employment of Technical Services Staff. Such terms and conditions may be varied by the University Court after negotiation and consultation with UNITE.

Each member of staff is responsible for the proper performance of allocated duties to the person or persons specified in the member of staff's letter of appointment and any accompanying papers. Members of staff may not accept outside paid work including personal consultancies without the permission of the University, which will not be unreasonably withheld.

The University is committed to ensuring that its business is conducted in an open and transparent manner and will take all appropriate steps to address risks of bribery or corruption. Members of staff are required at all times to act honestly and with integrity and to safeguard the resources for which they are responsible. The University has in place a robust Public Interest Disclosure (Whistleblowing) Policy to enable concerns to be brought to its attention. This is available at [www.strath.ac.uk/publicinterestdisclosure](http://www.strath.ac.uk/publicinterestdisclosure). Other relevant policies, e.g. Fraud Prevention and Conflicts of Interests, can also be found on the University's website.

Any member of staff may at any time be exposed to commercially sensitive information, information related to potentially valuable intellectual property or information which may otherwise be of a confidential nature. This information, which could be found anywhere in the University, may be written or disclosed orally, can include information of a commercial or technical nature, and may be owned by the University or by third parties. The University requires all employees to keep any such information confidential in the first instance and not disclose, publish or otherwise disseminate it without prior consent of the University. Such confidentiality obligations are commonplace and in the commercial interests of the University. When in doubt advice should always be sought from Research and Knowledge Exchange Services prior to disclosure.

The University operates probationary periods for new staff, the duration of which will be specified in individual letters of appointment. The normal probation period for posts in this staff category is 6 months. Further guidance on probationary procedures is published at <http://www.strath.ac.uk/staff/policies/hr/>.

Further information on the terms and conditions specified in this document and other staffing policies and procedures can also be found at [www.strath.ac.uk/hr](http://www.strath.ac.uk/hr).

### 2. SALARY

Appointments are made at an appropriate salary point on the University's grading structure, with initial placing determined according to qualifications and experience. Increments are paid to staff on 1 August each year, when the employee has a minimum of 6 full months of service at the appointed grade, allowing progression to the next point on the salary scale until the top guaranteed point of the scale is reached.

Salaries are paid directly to staff members nominated bank account, normally on the second last working day of the month.

### 3. HOURS OF WORK

The normal working week is 35 hours. Unless otherwise indicated in an individual's letter of appointment, the normal hours are 9.00am to 5.00pm Monday to Friday with a one hour lunch break. Certain members of staff may be required to work some hours outwith this normal pattern and this should be agreed locally.

Operational requirements vary significantly across the University and therefore, where local circumstances dictate, reasonable variation may be adopted dependent upon operational needs. In such situations your Head of Department/School/equivalent will discuss with you the alternative arrangements that will apply.

### 4. HOLIDAYS

Annual leave entitlement is 27 days per year to be taken by agreement with the line manager. For staff members working on a part-time basis, holidays will be calculated on a pro-rata basis.

In addition to annual leave there is an entitlement to eleven public holidays per year which should be taken on days that the University is closed for this purpose. The University presently closes for four additional days over the Christmas and New Year period. **These additional days count against the annual leave entitlement.**

For staff members working on a part-time basis, public holiday entitlement will be calculated on a pro-rata basis.

Annual leave and public holiday entitlements should be taken in the leave year to which they relate. Up to five days leave can be carried forward into the new leave year subject to line management agreement. In exceptional circumstances, Heads of Department/School/equivalent may approve carry forward of accrued annual leave in excess of five days.

The University's expectation is that staff take all accrued holidays prior to their termination date. If staff have exceeded their entitlement the University will deduct an equivalent number of days pay from final salary payments.

### 5. SICKNESS ABSENCE

During any period of absence through illness or injury provided the appropriate notification and certification procedures have been followed the University will pay a member of staff (having taken account of the aggregate of all periods of absence due to illness during the twelve months immediately preceding the first day of the current absence) as follows:

Period of Continuous Employment at start of absence from work	Full Pay	Half Pay
Less than 1 year	1 month	1 month
1 year but less than 2 years	2 months	2 months
2 years but less than 3 years	4 months	4 months
3 years but less than 5 years	5 months	5 months

5 years or more

6 months

6 months

In order to manage the University's sick pay scheme the University requires to maintain sickness absence records on individual members of staff. When making payments after the expiry of statutory sick pay the University will deduct an amount equivalent to any benefit normally payable by the Department of Work and Pensions. For full details on the general University policy in this area please refer to the Sickness Absence Management Policy at [www.strath.ac.uk/staff/policies/hr](http://www.strath.ac.uk/staff/policies/hr).

## 6. PENSIONS

At the start of their appointment, new members of staff aged under 75 will automatically be admitted to membership of the Local Government Pension Scheme (LGPS). If you are already in receipt of a pension from LGPS and your benefits relate to service prior to 01/04/2015 then you are required to notify the scheme of your new position regardless of whether you decide to remain a member of the scheme at the University of Strathclyde.

LGPS requires a contribution from the member and a contribution, as a percentage of pensionable pay, is made by the University. The contribution rates that currently apply can be viewed here: - <https://www.spfo.org.uk/index.aspx?articleid=14879>.

If your post is located out with the UK in an EU member state, then pension rules do not permit us to enrol you to the scheme.

New members of staff may opt out of LGPS within three months of taking up appointment and will then be treated as if they had never been a member of the scheme. Any member of staff choosing to withdraw from LGPS during their employment with the University, and who is withdrawing after three months' membership but with less than two years' membership, may be entitled to a refund of contributions (less any statutory deductions). Staff withdrawing from the Scheme with more than two years' membership are entitled to a deferred pension benefit. Any member of staff who wishes to opt out should contact the Pensions Team, Finance, in the first instance ([pensions@strath.ac.uk](mailto:pensions@strath.ac.uk)).

Information regarding pension scheme membership can be found on the Pensions pages of the University's website. Full information regarding LGPS can be found on the LGPS website - [www.spfo.org.uk/index.aspx?articleid=14440](http://www.spfo.org.uk/index.aspx?articleid=14440)

## 7. PLACE OF WORK AND RESIDENCE

Members of staff will be based on the John Anderson Campus, unless otherwise stated in the letter of appointment. The Department/School in which the post is initially placed will be specified in the letter of appointment although there will be an expectation to work at such other places as required in the course of employment.

If the need arises for members of staff to work outside the UK for a period (or periods) of more than one month then such arrangements will be subject to mutual agreement. Members of staff would then be provided with a statement in advance setting out the terms covering such periods of employment.

The University does not normally place specific restrictions upon the place of residence of members of staff. All staff are, however, expected to reside in a location which is compatible with the satisfactory fulfilment of all the duties associated with their appointment.

## 8. DISCIPLINARY AND GRIEVANCE PROCEDURES

Further information on the University's disciplinary and grievance procedure can also be found at [www.strath.ac.uk/policies/hr](http://www.strath.ac.uk/policies/hr) or on request from Human Resources.

## 9. NOTICE AND TERMINATION

The employment of a member of staff is terminable by at least one month's notice, in writing, on either side, except during the probationary period when the notice period is one week. If notice is being given by a member of staff earlier release may be granted if this can be arranged without detriment to the work of the department or area. If the appointment is for a fixed term period it will expire at the end of the period without the necessity for notice. Fixed term contracts may be terminated by either party short of the expiry date by the serving of one month's notice in writing. The University is not obliged to continue a fixed term appointment beyond the specified employment period.

Revised November 2017