

University of St Andrews
School of Chemistry
Solution State NMR Technician
Further Particulars for Applicants

School of Chemistry

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The School of Chemistry at St Andrews has a long history stretching back to 1811. In the last REF 2014 in 2014 it emerged as the top in Scotland (in combination with Edinburgh as EastChem) and the 6th top in the UK (from 35) by the research 'Intensity' rating.

The School is recognised as a leading one in the UK with research activity and strength over most of the key areas and interfaces in the chemical sciences. It is very well equipped with all of the modern analytical techniques required for leading contemporary research activity in the Chemical Sciences. The key research areas within the School of Chemistry can be found at <http://chemistry.st-and.ac.uk/>

Mission Statement

Chemistry has been taught at St Andrews since 1811. The School continues its mission to attract the most talented students and staff and to pursue excellence in teaching and research in all areas of the chemical sciences to the highest standards of scholarship and integrity.

The School aims to foster a workplace free of discrimination whereby all of our students and staff can work creatively in a safe, professional environment and achieve personal growth based on their ability.

The School engages locally and internationally with research sponsors, industry, scientific societies and other educational communities in order to advance chemical knowledge, innovate in the service of society and educate the next generation of chemical scientists.

More details on the School of Chemistry can be found at its web page - <http://www.st-andrews.ac.uk/chemistry/>

The job description for this role is attached below.

Job Description

Job Title: Solution State NMR Technician	Working Hours: Full time/ 36.25 hours
School/Unit: Chemistry	Grade/Salary Range: 4/ £21,843 - £25,298 pa
Reporting to: Professor David O'Hagan	Reference No: TG1101AC
Job Family: Technical and Experimental	Start Date: 1 November 2017

Main Purpose of Role

NMR Technician to support the synthesis research community.

Key Duties and Responsibilities

Representative Work Activities include:

- * To assist in the daily management of access to NMR services by the research community within the School.
- * To assist in the support and management of NMR samples generated from the undergraduate teaching laboratory activity.
- * To engage in commercial activity associated with the School offering NMR services to external customers.
- * To assist cryogen management to the NMR instruments including the regular monitoring of cryogen levels and engaging in cryogen fills.
- * To engage with external engineers involved in the maintenance of the current facility.
- * To engage as directed by the SSO in all aspects of the development of the NMR facility to ensure its continual development as a front line analytical service.
- * To participate in hosting UCAS applicants or high school pupils and teachers when they visit the NMR facility.

Person Specification

This section details the attributes e.g. skills, knowledge/qualifications and competencies which are required in order to undertake the full remit of this post.

Attributes	Essential	Desirable	Means of Assessment (i.e. application form, interview, test, presentation etc)
Education & Qualifications	A Degree in Chemistry of a closely allied subject to eg B.Sc./ MChem/MSci level	Will have already developed a particular interest in solution state NMR as a student	Certificates and interview
Experience & Knowledge	Will have had some practical experience with NMR.		Application/interview
Competencies & Skills	The ability to work with a large range of people and to generate outstanding interpersonal relationships		Application/interview

Essential Criteria – requirements without which a candidate would not be able to undertake the full remit of the role. Applicants who have not clearly demonstrated in their application that they possess the essential requirements will normally be rejected at the short listing stage.

Desirable Criteria – requirements which would be useful for the candidate to hold. When short listing, these criteria will be considered when more than one applicant meets the essential requirements.

Other Information

Interviews will be held on 6 October 2017

We encourage applicants to apply online at www.vacancies.st-andrews.ac.uk/welcome.aspx, however if you are unable to do this, please call +44 (0)1334 462571 for a paper application form.

For all applications, please quote ref: TG1101AC

The University is committed to equality for all, demonstrated through our working on diversity awards (ECU Athena SWAN/Race Charters; Carer Positive; LGBT Charter; and Stonewall). More details can be found at <http://www.st-andrews.ac.uk/hr/edi/diversityawards/>.

The University is committed to equality of opportunity.

The University of St Andrews is a charity registered in Scotland (No SC013532).

Obligations as an Employee

You have a duty to carry out your work in a safe manner in order not to endanger yourself or anyone else by your acts or omissions.

You are required to comply with the University health and safety policy as it relates to your work activities, and to take appropriate action in case of an emergency.

You are required to undertake the Information Security Essentials computer-based training course and adhere to its principles alongside related University Policy and Regulations.

You are responsible for applying the University's equality and diversity policies and principles in your own area of responsibility and in your general conduct.

You have a responsibility to promote high levels of customer care within your own area of work/activities.

You should be adaptable to change, and be willing to acquire new skills and knowledge as applicable to the needs of the role.

You may, with reasonable notice, be required to work within other Schools/Units within the University of St Andrews.

You have the responsibility to engage with the University's commitment to Environmental Sustainability in order to reduce its waste, energy consumption and carbon footprint.

The University & Town

Founded in the early 15th century, St Andrews is Scotland's first university and the third oldest in the English speaking world.

Situated on the east coast of Scotland and framed by countryside, beaches and cliffs, the town of St Andrews was once the centre of the nation's political and religious life.

Today it is known around the world as the 'Home of Golf' and a vibrant academic town with a distinctively cosmopolitan feel where students and university staff account for more than 40% of the local population.

The University of St Andrews is a diverse and international community of over 11,000, comprising students and staff of over 120 nationalities. It has 8,800 students, just over 7,000 of them undergraduates, and employs approximately 2,540 staff - made up of c. 1,190 in the academic job families and c 1,350 in the non-academic job families.

St Andrews has approximately 50,000 living graduates, among them former Scottish First Minister Alex Salmond and the novelist Fay Weldon. In the last 90 years, the University has conferred around 1000 honorary degrees; notable recipients include Benjamin Franklin, Rudyard Kipling, Alexander Fleming, Iris Murdoch, James Black, Elizabeth Blackadder, Tim Berners-Lee and Hillary Clinton.

The University is one of Europe's most research intensive seats of learning. It is the top rated university in Scotland for teaching quality and student satisfaction. In the Research Excellence Framework (REF) 2014 the University was ranked top in Scotland for quality of research output and one of the UK's top 20 research universities.

St Andrews is consistently held to be one of the United Kingdom's top ten universities in university league tables compiled by The Times and The Sunday Times, The Guardian and The Complete University Guide. The University has eight times been named the top multi-faculty university in the UK in the National Student Survey – a direct reflection of the quality of teaching, assessment and facilities. In international and world rankings St Andrews scores highly for teaching quality, research,

international outlook and citations. It is established as a World Top 100 institution in annual rankings produced by QS and Times Higher Education.

Its international reputation for delivering high quality teaching and research and student satisfaction make it one of the most sought after destinations for prospective students from the UK, Europe and overseas. In 2015 the University received on average 12 applications per place. St Andrews has highly challenging academic entry requirements to attract only the most academically potent students in the Arts, Sciences, Medicine and Divinity.

The University is closely integrated with the town. The Main Library, many academic Schools and Service Units are located centrally, while the growth in research-active sciences and medicine has been accommodated at the North Haugh on the western edge of St Andrews.

As the University enters its seventh century, it is delivering a varied programme of strategic investment, including the refurbishment of its Main Library and a major investment in its collections, the opening of a research library, the development of a major arts centre and a Music Centre, the refurbishment of the Students' Union, the provision of 900 additional students beds, the relocation of professional services to purpose built accommodation and the development of a wind-farm and green energy centre to offset energy costs.