Global Talent Attraction Platform

Appointment as Reader in Advanced Medicines Design and Development in CMAC

Department
Strathclyde Institute of Pharmacy and Biomedical Sciences
(www.strath.ac.uk/science/strathclydeinstituteofpharmacybiomedicalsciences/)

Faculty
Faculty of Science (www.strath.ac.uk/science/)

Staff Category
Academic

Reports To
Director of CMAC, Head of Department, Executive Dean of Science and the Principal.

Salary Range:
£63,673 - £67,541 per annum

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Global Talent Attraction Platform: The Opportunity

The vision of the University of Strathclyde is bold and transformational, placing it among the world’s leading international technological universities. This promises an institution that is vibrant, dynamic and focused on solving the challenges facing society and industry through cutting-edge, multi-disciplinary research, education and knowledge exchange with global partners.

CMAC is a world leading centre for medicines manufacturing research, skills, technology and translation. The centre is led by the University of Strathclyde and comprises a multidisciplinary team of academics, researchers and managerial staff providing a platform for collaborative research, training and knowledge exchange in the area of advanced pharmaceutical manufacturing and digital transformation. Working in partnership with industry, CMAC’s purpose is to transform the development and manufacture of medicines through advanced design and manufacturing technologies including the digitalisation of CMC, implementation of innovative predictive toolboxes and workflows for accelerated development and process design and in novel modular continuous MicroFactories for API and Drug Product production. The four key pillars of CMAC’s program are to: deliver high quality manufacturing research; develop the workforce of the future through skills development and training; to drive effective translation of research into industry and, to continue to develop our world leading facilities and lab of the future infrastructure.

CMAC has established a large, dynamic portfolio of basic and applied research and is looking to grow the programme over the next 5 years as outlined in the refreshed 2021-26 CMAC Strategy (CMAC | CMAC Business Case & Strategy). To help support this growth we are looking to bring additional talent into our academic team specifically in the area of Advanced Medicines Design and Development. This is an exciting opportunity to join a world leading research Centre as part of an excellent academic and researcher team supported by dedicated operational and management staff.

We invite applications from colleagues with research expertise in the following areas: advanced formulation and product design approaches, product stability and prediction, nanomedicines development, product
performance and biopharmaceutics within integrated approaches that couple the application of advanced modelling and experimental methods.

Job Description

Brief Outline of Job:
To support the delivery of the CMAC 2021-26 Strategy, working closely with the Centre Director and other stakeholders; to lead a research programme of national/international excellence in the topics highlighted; to participate in high priority Centre multidisciplinary research collaborations; to contribute to the design, development and delivery of a range of training and skills development programmes informed by our partners needs; to lead and collaborate in professional and knowledge exchange activities and accelerate translation to industry of research outputs; and to carry out senior administrative tasks assigned by the Centre Director.

Main Activities/Responsibilities:

1. Lead individual and contribute to collaborative research clusters and/or activities, building on CMAC’s established and distinctive programme of research and disseminating results through regular and sustained publications in high impact journals, books and conference proceedings.

2. Ensuring alignment with strategic priorities and Business Case to actively participate, as Principal- or Co-Investigator, in the co-ordination, development and submission of proposals to appropriate external bodies and industry partners for research funding and manage grants awarded, working with Centre management team to ensure compliance and effective reporting.

3. Manage research group as project leader, providing leadership, support and guidance to research staff and students and academic colleagues as appropriate. Support the co-creation, co-delivery, translation and reporting of projects across CMAC’s portfolio as appropriate.

4. Working closely with Skills Development Group and CMAC Executive to lead and manage the design, development and delivery of appropriate training and skills development programmes in areas of expertise with particular emphasis at postgraduate levels. Contribute to CMAC curriculum review and enhancement activities in a manner that supports a research-led approach to student learning.

5. Lead aspects of strategic research, training, facilities and/or training in strategic areas as agreed with Centre Executive.

6. Lead the development of knowledge exchange activities and translation to industry in appropriate areas aligned to research. Working closely with Industry Director and CMAC Executive to support Technical committee engagement and industry co-creation in translation including identifying funding to support growth, CMAC Business Case and international developments.

7. Carry out CMAC, Faculty and/or University senior administrative and management functions, including via membership of CMAC Academic Leadership Team and reporting on areas of responsibility to CMAC Executive and other stakeholders as agreed.

8. Contribute to the strategic development of CMAC through, for example, developing new research directions and/or educational courses aligned to CMAC scope.

9. 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 Good honours degree and PhD (or equivalent) in appropriate discipline

D1 Membership of relevant Chartered/professional bodies (Including HE Academy)

Experience

E2 Research interests consistent with the strategic direction of CMAC Strategy and SIPBS

E3 A sustained track record of published research in high quality publications demonstrating standards of excellence and a growing national reputation

E4 Teaching experience at undergraduate and postgraduate levels, including experience of developing and managing industry demand led training and skills delivery
**Job Related Skills and Achievements**

- **D2** Proven staff, budget and project management skills
- **E5** Track record of securing research funding and managing research projects
- **E6** Ability to play a senior role within an academic team environment and motivate and manage staff, with experience of leading teams of less experienced staff and research students
- **E7** Evidence of a profile as an externally recognised authority with an established national and emerging international reputation
- **D3** Experience in multi/inter-disciplinary research
- **D4** Track record of knowledge exchange related activities.

**Personal Attributes**

- **E8** Excellent interpersonal and communication skills, with the ability to listen, engage and persuade, and to present complex information in an accessible way to a range of audiences

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### Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted without further permission, unless you indicate you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job as well as a Research Plan outlining your research strategy for the next 5 years. 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/workforus](http://www.strath.ac.uk/hr/workforus)).

Informal enquiries about the post can be directed to Professor Alastair Florence, Director, CMAC (alastair.florence@strath.ac.uk).

**Conditions of Employment**

Conditions of employment relating to the Academic staff category can be found at: [Conditions of Employment](http://www.strath.ac.uk/hr/workforus).

**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](http://www.strath.ac.uk/hr/workforus).

**Pre-employment health screening**

An offer of appointment will be subject to a medical assessment by Occupational Health. An individual who accepts an offer of employment must complete a confidential medical questionnaire and forward it to the Occupational Health Nurse within 5 days of receipt. If further information is required the individual may be contacted by the OHN or a Medical Advisor and a personal appointment with the individual may be arranged. An unconditional contract of employment will not be issued until Human Resources receives confirmation that applicant is fit to undertake the duties of the post.

**Probation**

Where applicable, the successful applicant will be required to serve a 12 month probationary period.

**Pension**

The successful applicant will be eligible to join the Universities’ Superannuation Scheme. Further information regarding this scheme is available from [Payroll and Pensions](http://www.strath.ac.uk/hr/workforus).

**Relocation**

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

**Interviews**

Formal interviews for this post will be held December 2022/January 2023.
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
Non-Professorial Academic Staff

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 Strathclyde Universities and Colleges Union (SUCU) as the sole body with which it will negotiate and consult on all collective issues concerned with the terms and conditions of employment of Academic Staff. Such terms and conditions may be varied by the University Court after negotiation and consultation with SUCU.

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.

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. 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 probation period for posts in this staff category is 12 months. Further guidance on probationary procedures is published at www.strath.ac.uk/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.

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 April 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

Working time is that required to fulfil the duties of the post. The duties are: research, teaching, knowledge exchange and administrative activities organised by agreement with the Head of Department/School/equivalent to produce a reasonable balance of commitment between these duties. The University Court recognises that Academic Staff carry out these duties in a wide variety of ways, but expects student contact to take place on the campuses during normal working hours on week days. There are exceptions to this pattern which may involve student contact at other locations or in the evenings, or at the weekends, but these arrangements will be made with the agreement of the member of staff concerned and may involve additional payment.

4. HOLIDAYS

Annual leave entitlement is 31 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:

<table>
<thead>
<tr>
<th>Period of Continuous Employment at start of absence from work</th>
<th>Full Pay</th>
<th>Half Pay</th>
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<tbody>
<tr>
<td>Less than 1 year</td>
<td>1 month</td>
<td>1 month</td>
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<tr>
<td>1 year but less than 2 years</td>
<td>2 months</td>
<td>2 months</td>
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<tr>
<td>2 years but less than 3 years</td>
<td>4 months</td>
<td>4 months</td>
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<tr>
<td>3 years but less than 5 years</td>
<td>5 months</td>
<td>5 months</td>
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<tr>
<td>5 years or more</td>
<td>6 months</td>
<td>6 months</td>
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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.
6. PENSIONS

If you are under age 75 at the date your appointment commences you will automatically become a member of the pension scheme operated by the University — the Universities Superannuation Scheme (USS). You will be admitted to the career revalued benefits scheme called the USS Retirement Income Builder; the contribution rate that currently applies is 9.8% of pensionable salary. A threshold applies to the maximum salary that counts towards the USS Retirement Income Builder. The current threshold from 1 April 2022 is £40,000 per year. Contributions based on salary above the monthly equivalent rate of the threshold are paid to the defined contribution section of the scheme called the USS Investment Builder. Please use the following link to access information, including the USS Member Guide: [https://www.uss.co.uk/for-members/youre-a-new-joiner](https://www.uss.co.uk/for-members/youre-a-new-joiner). The scheme booklet is called ‘Your Guide to the Universities Superannuation Scheme’.

The University operates a salary exchange arrangement, Pensions Plus, for members of the USS. Pensions Plus enables pension contributions to be made in a manner so that both employees and the University can benefit from available National Insurance Contribution savings. You will be automatically included in Pensions Plus, provided it does not adversely affect your take-home pay or your ability to claim certain state benefits. If your earnings fall below the Pension Plus pay protection limit you will be opted out of Pension Plus. This will not affect your membership of the USS.

New members of staff may opt out of USS within three months of taking up appointment and will then be treated as if they had never been a member of the scheme. After three months three members of staff who wish to withdraw from USS during their employment will be required to give a minimum of 28 days’ notice in writing to the University. Any member of staff who wishes to opt out should contact the Pensions Section, Finance, in the first instance (pensions@strath.ac.uk). Please note that if you are a member of Pensions Plus and withdraw from USS with less than two years of membership, or cease employment with the University and have less than two years of USS membership, the option of a refund of pension contributions will not be available to you. Instead, USS must provide you with a pension benefit that is payable from your Normal Pension Age. Regardless of whether you participate in Pensions Plus, if you are a member of the pension scheme for two years or more you are not entitled to a refund of pension contributions on leaving the scheme, you will be entitled to a pension benefit.

The University reserves the right to alter or withdraw Pensions Plus as it sees fit or as required to comply with legislative changes. Withdrawal or amendment of Pensions Plus will not affect your membership of USS. If you do not wish to participate in Pensions Plus but wish to remain in the pension scheme please contact the Pensions Team who will provide you with a non-participation form.

Information regarding pension scheme membership can be found on the Pensions pages of the University’s website. Full information regarding USS can be found on the USS website – [www.uss.co.uk](http://www.uss.co.uk).

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. CONSULTANCY/FURTHER ACTIVITIES

To support the strategic objectives of the University and to facilitate individual professional development, the University encourages staff to engage in professional activities with outside bodies related to their field of work. In many cases, such activity will be approved on the basis that it represents University knowledge exchange activity and should therefore be treated as part of the individual’s overall workload and managed through the University’s systems. It is also recognised that there will be some cases where an activity is entirely separate from the University and should thus be notified/approved as a personal business activity. For further information please refer to the “University Procedure in relation to Work for Outside Bodies including Consultancies”, which forms part of the employment contract and can be accessed at [www.strath.ac.uk/hr](http://www.strath.ac.uk/hr).

9. DISCIPLINARY AND GRIEVANCE PROCEDURES

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

10. NOTICE AND TERMINATION

The employment of a member of staff is terminable by at least three months’ notice, in writing, on either side; termination dates are normally 31 March, 30 June, 30 September and 31 December. 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 it will expire at the end of the period without the necessity for notice. Staff whose appointment has so terminated shall not normally be regarded as having been dismissed or removed from office in circumstances to which the terms of Ordinance 4.3 shall apply. Fixed term contracts may be terminated by either party short of the expiry date by the serving of three months’ notice in writing. The University is not obliged to continue a fixed term appointment beyond the employment period.

Revised April 2022