



## Candidate Information

<b>Position:</b>	Research Assistant
<b>School/Department:</b>	School of Pharmacy
<b>Reference:</b>	19/107313
<b>Closing Date:</b>	Monday 8 April 2019
<b>Salary:</b>	£27,831 per annum
<b>Anticipated Interview Date:</b>	Tuesday 16 April 2019
<b>Duration:</b>	This post is available for 21 months or until 2 June 2021 whichever is sooner.

### JOB PURPOSE:

To be an active member of the planning and delivery of a research programme to develop anti-fouling materials for the prevention of urinary catheter infections within the Biomaterials and Infection Control research group in the School of Pharmacy.

### MAJOR DUTIES:

1. Undertake research in a programme of urinary catheter material development, and conduct the research activities as a member of a research team.
2. Carry out critical evaluations, analyses and interpretations using methodologies and other techniques appropriate to area of research.
3. Contribute to improving existing experimental protocols and introducing new techniques as required in order to obtain reliable data.
4. Present regular progress reports on research to members of the research group or to external audiences to disseminate and publicise research findings.
5. Write up results of own work and contribute to the production of research reports, publications and funding proposals.
6. Carry out occasional undergraduate supervision/demonstrating/teaching duties under the direction of a member of academic staff.
7. Carry out routine administrative duties associated with the research project to ensure activities are completed on time and within budget. These may include organisation of project documentation, financial control and risk assessment of activities.
8. Read academic papers, journals and textbooks to keep abreast of developments in own specialism and related disciplines.
9. Travel to the USA to work with collaborators on the research project for a period of up to twelve weeks.
10. Carry out any other duties designated by the line manager and which fall within the general ambit of the post.

### Planning and Organising:

1. Plan own day-to-day activities within the framework of the agreed research programme.
2. Contribute to the planning of research projects, reports, conference presentations, publications etc. usually up to one year in advance.

### Resource Management Responsibilities:

1. Ensure research resources are used in an effective and efficient manner.
2. Provide guidance as required to support staff and any students who may be assisting with research.

### Internal and External Relationships:

1. Liaise with research colleagues and support staff on routine matters.
2. Build internal and external contacts to develop knowledge and understanding and form relationships for future collaboration.
3. Attend and contribute to relevant meetings.

### ESSENTIAL CRITERIA:

1. Hold a degree in Pharmacy, Pharmaceutical Sciences, or a closely related discipline.
2. At least two years' recent relevant research experience to include experience of polymeric biomaterials, polymer formulation, chemical synthesis, polymer characterisation and microbiological assays.
3. Ability to critically assess and statistically analyse scientific data.
4. Ability to contribute to method development where required.
5. Ability to plan work independently and on own initiative to meet agreed milestones.
6. Ability to work as a member of a wider research group.
7. Sufficient breadth and depth of specialist knowledge in biomaterial development and characterisation to work within established research programmes.
8. Ability to interact and communicate effectively with research colleagues, support staff and external networks.
9. Ability to prepare regular written reports on progress.
10. Ability to communicate research findings as oral presentations.
11. Ability to assess and organise resources.
12. Willingness to travel and work abroad (with collaborators in the USA) for a period of up to twelve weeks.

**DESIRABLE CRITERIA:**

1. Working towards a PhD or postgraduate qualification in the development of biomedical polymeric materials.
2. Experience of presentations at national and/or international meetings and conferences.