Imperial College London

Job Description

Job Title:	NIHR Undergraduate Internship - Statistics
Department/Division/Faculty:	Imperial Clinical Trials/School of Public Health/Medicine
Campus/Location:	Stadium House, White City Campus, London
Job Family/Level:	£21.60 per hour (inclusive of holiday pay, for the duration of the contract of up to 8 weeks)
Responsible to:	Louise-Rae Cherrill, Clinical Trials Statistician
Line Management for:	N/A
Key Working Relationships (Internal):	Members of the central Imperial Clinical Trials Unit (ICTU) team, statisticians working within ICTU.
Key Working Relationships (External):	External statisticians and academics/clinicians involved in ICTU and ICTU trials and research
Contract type:	Full time (35 hours per week) and fixed term for 8 weeks over the summer period (6th July to 28th August 2026).

Background

We have funding from the National Institute for Health and Care Research (NIHR) Undergraduate Internship Programme to fund three undergraduate students to undertake internships at Imperial Clinical Trials Unit (ICTU).

We are seeking students who are interested in pursuing a career in applied health and care research or clinical trials. This job description describes one internship for students who have a strong interest in clinical trials and experience in maths and statistics.

The Imperial Clinical Trials Unit (ICTU) (https://www.imperial.ac.uk/clinical-trials-unit/) is a UKCRC fully registered clinical trials unit, bringing together academic, clinical and trial management expertise. Our collaborative approach aims to deliver world-class clinical trials spanning all phases and designs, encompassing a diverse range of therapeutic areas.

Purpose of the Post

The statistics internship will take place for 8 weeks starting on the first week of July to the end of August for 8 weeks, and would be ideal for undergraduate students studying statistics, mathematics or related quantitative subject.

The interns will be supervised by Louise-Rae Cherrill, a Clinical Trial Statistician at ICTU who will provide day-to-day management and organise learning and research activities for the intern, supported by Emanuela Falaschetti , (Deputy Head of Statistics at ICTU).

The interns will develop knowledge in clinical trials and gain applied research experience in statistics and systematic reviews, as well as exposure to the importance of statistics in healthcare settings. Interactions with different research professionals will create networking opportunities and potential avenues for future career options.

The interns will be based at Stadium House, White City campus.

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Key Responsibilities

The main duties of the post will include:

- Develop an understanding of the basic principles of clinical trials
- Learn statistical principles and methods for the analysis of randomised controlled trials
- Conduct an independent research methodology project comprised of a methodological systematic review and critical appraisal of published research
- Understand and apply the fundamental principles of conducting a systematic review
- Understand the role of a statistician working in a clinical trials unit
- To interact closely with the other statisticians, interns, and researchers at Imperial College London
- To attend relevant internal meetings and wider College events
- To present their research project results and their experience of completing a CTU internship to the wider CTU team at the end of the placement
- To write up a report about their experience and skills learnt at the end of the placement

Other Duties

- To observe and comply with all College policies and regulations, including the key policies and procedures on Confidentiality, Conflict of Interest, Business Continuity, Data Protection, Equal Opportunities, Ethics related, External Interests, Financial Regulations, Health and Safety, Information Technology, and Smoking.
- To undertake specific safety responsibilities relevant to individual roles, as set out on the College Health and Safety Structure and Responsibilities web page.

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Person Specification

Requirements Candidates/post holders will be expected to demonstrate the following:	**Essential (E)/ Desirable (D)**
Education	
Be in the process of studying for an undergraduate degree (statistics, mathematics or related quantitative subject), having completed at least the second year or between the third and fourth year of a four-year degree	E
Experience	
Experience of using standard statistical packages, such as Stata and /or R or other programming languages	E
Knowledge	
Demonstrable interest in learning about clinical trials design and analysis	E
Some knowledge of research design and the clinical trial environment	D
Skills & Abilities	
Excellent interpersonal skills	E
Ability to communicate and collaborate effectively, both verbally and in writing, with staff from a range of disciplines	E
Ability to work both as an individual and as part of a team	E
Other	
A meticulous approach and attention to detail	E
An interest in pursuing a career in health research	E
An interest and willingness to learn new information and acquire new skills quickly	E

Further Information

Please note that job descriptions cannot be exhaustive, and the post-holder may be required to undertake other duties, which are broadly in line with the above key responsibilities.

Imperial College is committed to equality of opportunity and to eliminating discrimination. All employees are expected to follow the Imperial Values & Behaviours framework. Our values are:

- Respect
- Collaboration
- Excellence
- Integrity
- Innovation

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Employees are also required to comply with all College policies and regulations paying special attention to: Confidentiality, Conflict of Interest, Data Protection, Equal Opportunities, Financial Regulations, Health and Safety, Information Technology, Smoking, Private Engagements and Register of Interests. They must also undertake specific training and assume responsibility for safety relevant to specific roles, as set out on the College Website Health and Safety Structure and Responsibilities page.

We are committed to equality of opportunity, to eliminating discrimination and to creating an inclusive working environment for all. We therefore encourage candidates to apply irrespective of age, disability, marriage or civil partnership status, pregnancy or maternity, race, religion and belief, gender reassignment, sex, or sexual orientation.