

**Summer Research Projects for Cardiff University Medical Students**

**Supervisor List - updated 16/06/13**

One of the principle ways CUReS hopes to improve research opportunities for Cardiff medical students is to compile a list of academic and clinical staff each year who are enthusiastic and keen to supervise medical student projects during the summer vacation period.

**Eligibility**

All Cardiff University medical students who are interested in undertaking a research project during the 2014 summer vacation period.

**Application process**

Interested students should complete an application form which will be directed to the relevant supervisors. Supervisors will then contact students of availability and arrange a meeting to refine mutual project preferences. It is at the discretion of the supervisor as to how they select the appropriate student and design the project.

**Project design**

The list provides the supervisors area of interest in which the project will be based and does not indicate the exact title of the research project. It is anticipated that the specific design of projects will be a collaborative process between the supervisor and student, such that each is bespoke to the students’ skill level and interests.

**Funding**

1. Projects on the list will be put forward to funding via the Cardiff Undergraduate Research Opportunities Programme (CUROP) by supervisors. However we will not know whether the projects will be allocated CUROP funding until xxxxxxxxxxxxxx. Please find CUReS projects which have been allocated CUROP funding at the CUROP website: <http://learning.cf.ac.uk/curop/>
2. If CUROP applications are unsuccessful, funding may be available through the Institute in which the student will be working, and this is something that should be discussed with the supervisor.
3. Students and supervisors are encouraged to apply for funding from external sources, some of which can be found listed on our webpage.

Further information available on the Money 4 Med Students website: h[ttp://www.money4medstudents.org/competitions-and-awards-](http://www.money4medstudents.org/competitions-and-awards-)

1. In order to find out more about funding options and for support in applying for specific stipends, once a student and supervisor have agreed on a project they should contact Ms Claire Batten – the School of Medicine Research Officer. Claire is very experienced in sourcing funding and has kindly agreed to provide help and advice for students and supervisors keen on undertaking CUReS projects.
**Ms Claire Batten may be contacted via email on:** **batterc@cardiff.ac.uk**

# Clinical Audit Projects

Another aim of CUReS is to equip students with the skills necessary to effectively and efficiently execute clinical audit within the primary and secondary healthcare setting.

Clinical audit is essentially the process by which health services are assessed to ensure best practice is being delivered to patients. It is fundamental to maintaining excellent levels of quality within the NHS and is something that every medical student and clinician will be required to become involved with at some point in their career.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* For interested students \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Please complete our online student interest declaration at:**

[**https://docs.google.com/forms/d/1oKStYQ8ypJFVu2w\_2yzfY3-0t9tDgA4eUubqnzfKlQQ/prefill**](https://docs.google.com/forms/d/1oKStYQ8ypJFVu2w_2yzfY3-0t9tDgA4eUubqnzfKlQQ/prefill)

**We will send the forms to the relevant supervisors and they will contact you shortly.**

**Submission deadline is 5pm, Friday, 24th Jan 2013.**

**If you are looking for a field not listed, please direct queries to** **CUReS@cardiff.ac.uk**

Happy hunting!

*The CUReS Committee*

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**The Projects listed below are in their respective Institutes/Departments.**

**Institute of Psychological Medicine and Clinical Neurosciences**

**Prof Lesley Jones**

*Area of interest:* **Huntington’s Disease**

*Type of project:* Clinical / Audit Data Analysis

*Suitable for:* Year 4 or above / Intercalated BSc or additional degree

*Email:*  Jonesl1@cf.ac.uk

**~~Prof Michael O’Donovan~~**

*~~Area of interest:~~***~~Genetics of Psychiatric Disorders~~**

*~~Type of project:~~* ~~Laboratory~~

*~~Suitable for:~~* ~~Year 1 or above / Intercalated BSc or additional degree~~

*~~Email:~~* ~~wpcmod@cf.ac.uk~~

**Prof Neil Robertson**

*Area of interest:* **Multiple Sclerosis and associated neuroinflammatory disorders**

*Type of project:* Laboratory/ Clinical Audit

*Suitable for:* Year 3 or above

*Email:*  robertsonnp@cf.ac.uk

**Institute of Psychological Medicine and Clinical Neurosciences/Department of Neurosurgery**

**~~Prof William P Gray~~**

*~~Area of interest:~~***~~Adult neural stem cells~~**

*~~Type of project:~~* ~~Laboratory~~

*~~Suitable for:~~* ~~Year 2 or above~~

*~~Email:~~* ~~graywp@cardiff.ac.uk~~

**Institute of Neurosciences and Mental Health**

**~~Professor Anita Thapar and Co.~~**

*~~Area of interest:~~***~~Child Psychiatry~~** ~~- especially ADHD and depression~~

*~~Type of project:~~* ~~Laboratory/ Clinical / Audit~~

*~~Suitable for:~~* ~~Year 3 or above / Intercalated BSc or additional degree~~

*~~Email:~~* ~~Thapar@cf.ac.uk~~

**MRC Centre for Neuropsychiatric Genetics and Genomics**

**Professor Mike Owen**

*Area of interest:* Psychiatric Genetics

*Type of project:* Laboratory

*Suitable for:* Year 1 or above

*Email:*  owenmj@cardiff.ac.uk

**~~Dr Chris George~~**

*~~Area of interest:~~***~~Cardiovascular Sciences/Cellular & Molecular Biology~~**

*~~Type of project:~~* ~~Laboratory~~

*~~Suitable for:~~* ~~Years 1 or above / Intercalated BSc or additional degree~~

*~~Email:~~* ~~georgech@cf.ac.uk~~

**Dr Jack Ham**

*Area of interest:* **Obesity, diabetes and cardiovascular disease**

*Type of project:* Laboratory

*Suitable for:* Year 2 or above

*Email:*  wmdjh@cardiff.ac.uk

**Dr Ann Ager**

*Area of interest:* **Blood Vessels and Leukocyte homing in cancer or neurodegenerative diseases**

*Type of project:* Laboratory

*Suitable for:* Year 3 or above / Intercalated BSc or additional degree

*Email:*  agera@cardiff.ac.uk

 **Dr Joachim J Bugert**

*Area of interest:* **Antiviral development, study virus genes for function and for use in diagnostic assays and screen bacteriophage libraries for the treatment of multi drug resistant bacterial infections.**
Viruses: **skin specific viruses, respiratory viruses, and bacteriophages.**

*Type of project:* Laboratory

*Suitable for:* Year 2 – Years 4

*Email:*  bugertjj@cf.ac.uk

**Prof B P Morgan**

*Area of interest:* **Complement System**

*Type of project:* Laboratory

*Suitable for:* Year 2 or above / Intercalated BSc or additional degree

*Email:*  morganbp@cardiff.ac.uk

**~~Dr James Matthews~~**

*~~Area of interest:~~***~~Autoimmunity, molecular biology, cellular immunology~~**

*~~Type of project:~~* ~~Laboratory~~

*~~Suitable for:~~* ~~Year 1 or above~~

*~~Email:~~* ~~matthewsrj@cardiff.ac.uk~~

**Department of Gastroenterology**

**Dr John Green , Dr Sunil Dolwani, Dr Jill Swift, Dr Jeff Turner)**

*Area of interest:* **Gastroenterology / Endoscopy**

*Type of project:* Clinical / Audit

*Suitable for:* Year 3 or above

*Email:*  John.green2@wales.nhs.uk

**Professor Wen G Jiang, Dr Tracey A Martin, Dr Lin Ye, Dr Andrew Sanders**

*Area of interest:* **Breast Cancer, Prostate Cancer, Colorectal Cancer, Cancer Biology, Wound healing, Metastasis**

*Type of project:* Laboratory

*Suitable for:* Year 3 or above / Intercalated BSc or additional degree

*Email:*  jiangw@cf.ac.uk

**Dr Laura Thomas, Prof Julian Sampson**

*Area of interest:* **Next generation of sequencing of samples from patients with Tuberous Sclerosis and polyposis of the bowel**

*Type of project:* Laboratory/ Clinical/Audit

*Suitable for:* Year 3 or above / Intercalated BSc or additional degree

*Email:*  Thomasl41@cardiff.ac.uk

**Institute of Primary Care and Public Health**

**Dr Andrew Carson-Stevens**

*Area of interest:* **Improving the quality of clinical care**

*Type of project:* Clinical / Audit

*Suitable for:* All years welcome

*Email:*  andypcs@gmail.com

 **Prof Adrian Edwards**

*Area of interest:* Patient Communication/Shared Decision Making: **Self Management in severe MS**

*Type of project:* Clinical / Audit

*Suitable for:* All years welcome

*Email:*  edwardsag@cardiff.ac.uk

**Dr Nick Francis**

*Area of interest:* **Diagnosis and Management of Common Infections**

*Type of project:* Clinical / Audit

*Suitable for:* Year 3 or above

*Email:*  francisna@cf.ac.uk

**Department of Obstetrics and Gynaecology**

**Ms Abi Holmes**

*Area of interest:* **Outpatient induction of labour services**

*Type of project:* Clinical / Audit

*Suitable for:* Years 3 - 4

*Email:*  Abigail.Holmes@wales.nhs.uk

**~~Dr Julia Sanders~~**

*~~Area of interest:~~***~~Exploring women’s views of having an admission cardiotocograph (CTG) when admitted to the Midwifery led Unit at UHW in labour.~~** ~~A questionnaire based survey.~~

*~~Type of project:~~* ~~Clinical / Audit~~

*~~Suitable for:~~* ~~Year 2 or above~~

*~~Email:~~* ~~Sandersj3@cf.ac.uk~~

**Cardiff & Vale University Health Board: Children and Women Division**

**Ms Karen Jewell**

*Area of interest:* **Womens view of communication and interpretation services during pregnancy and childbirth**

*Type of project:*  Clinical / Audit

*Suitable for:* Years 3 or above

*Email:*  Karen.Jewell@wales.nhs. **Ms Karen Jewell**

*Area of interest:* **Community postnatal visits** – what women want

*Type of project:* Clinical / Audit

*Suitable for:* Years 1 or above

*Email:*  Karen.Jewell@wales.nhs.uk

**Dr Jonathan Hewitt**

*Area of interest:* **Databases (IT), Epidemiology, Ethics, Geriatrics and Stroke**

*Type of project:* Clinical / Audit

*Suitable for:* Years 1 or above

*Email:*  Hewittj2@cardiff.ac.uk