

# Research, Evaluation and Special Studies (RESS) Strand - Teaching Opportunities

The RESS strand runs across all 5 years of the MBChB programme and aims to provide students with the opportunity to acquire and apply research and evaluation skills. The strand is designed to enable students to build upon their learning with each successive module. We are looking for suitably qualified academic staff, early career researchers and doctoral students to gain experience in developing and strengthening their learning and teaching skills. We offer training, support and teaching materials to assist you.

There are a number of opportunities for you to get involved in teaching or supervision of undergraduate medical students. Here are details of what is involved and contact details should you wish to get in touch.

## Year 1 Term 1

### Human Biomarker Project

#### What is taught in RESS1?

This project takes the students through the following stages of the research process: asking research questions, gathering information and resources (including how to read a research paper), developing a hypothesis, methods and collecting data, analysing data, discussion and conclusions, communicating research and the peer review process. There is also a tutorial on using and citing reference material correctly.

#### How is HBM taught?

Tutors are required to facilitate 8 tutorials and monitor 9 self-directed learning tasks. Tutorial group size is 15 students. Tutors assess a 1200 word project report.

#### What teaching opportunities are available?

We can offer you experience of tutoring small group work projects in RESS1 HBM with training, materials and support.

**If you need any further information regarding Year 1 RESS please contact: Phil Rowley - RESS Administrator - (0113 343 9165) or e-mail [p.j.rowley@leeds.ac.uk](mailto:p.j.rowley@leeds.ac.uk)**

## Year 1 Term 2

### Special Studies Project (SSP)

#### What is taught in RESS1 SSP?

The SSP will allow students to apply the research and evaluation skills they have developed during term 1. Tutors design the project for students to choose from. Tutors assess a poster, a written report and reflective log.

#### How is SSP taught?

In Term 2 Monday and Friday afternoons are usually allocated for SSP group teaching (max 20 students). There should be a minimum of 4 tutorials to monitor progress and provide feedback.

#### What teaching opportunities are available?

We can offer you experience of tutoring small group work projects in Year 1 with training, materials and support.

**If you need any further information regarding RESS1 SSP please contact: Phil Rowley - RESS Administrator - (0113 343 9165) or e-mail [p.j.rowley@leeds.ac.uk](mailto:p.j.rowley@leeds.ac.uk)**

## Year 2 RESS

#### What is taught in RESS2?

In RESS2, students work in small groups on a single research project that runs through the entire year. The focus is on population health and data, and the ways in which data can be appropriately sourced and analysed. There are two assessments for learning: a group oral presentation and an individual report.

#### Tutor duties

To run small tutorial sessions and to support students in their research projects, including giving feedback during tutorials, giving advice and information, guiding students to appropriate resources etc. You will also assess student presentations and give feedback. Tutorial materials and full guidance will be provided but we do ask that you have the skills listed below.

## Tutor skills required

- Proven research ability
- Knowledge of population health
- Good familiarity with literature searching techniques
- Understanding of basic epidemiological / statistical concepts (e.g. incidence, prevalence, risk, odds)

## Time Commitment

- Delivery: there is an essential time commitment of 10 x 2hr tutorials across terms 1 and 2. Tutorials run on a Monday afternoon from 3-5pm. Some short preparation time is necessary for each tutorial; materials are provided by the RESS 2 lead.
- Other student contact: students may occasionally email tutors with questions regarding their research projects. Tutors should reply if they are able, or forward these queries to the RESS 2 lead.
- Assessment: there is no additional time commitment outside the delivery commitment given above. Tutors grade projects and give feedback during scheduled tutorial sessions.

If you need any further information regarding Year 2 RESS please contact Jodi Gunning - (0113 343 6394) [j.gunning@leeds.ac.uk](mailto:j.gunning@leeds.ac.uk)

## Year 3 RESS

### What is taught in RESS3?

RESS3 supports students to develop study design and research skills using a Project Outline (developed in small groups of 4 students during the first half of the year) and a Project Proposal (developed by pairs of students during the second half of the year). Each session covers specific statistical/epidemiological tasks, building one upon the other, designed to teach students to confidently and independently develop robust study proposals. These tasks include:

- Identifying clinically relevant exposures and outcomes
- Identifying suitable target and sample populations, and selecting suitable sampling techniques for these, including a sample size estimate based on a simple 2x2 table approach.
- Analysing and interpreting multivariable statistical analyses of the chosen exposures and outcome.

## What teaching opportunities are available?

We are looking for tutors (who may be academic staff, early career researchers or doctoral students) with expertise in statistics who want to gain experience in teaching. Tutors provide small group tutoring and feedback to students, and we provide materials and support for this. There are five 2-hour tutorial sessions (with the same six groups assigned to each tutor every session) from September-February. At the end of each tutorial groups submit a brief summary of how they can apply the new research/statistical skills they have learnt to their Project Outline. Tutors provide brief informal written feedback to each group. The total teaching and feedback time per year is about 12.5 hours.

**Please contact Dr George Ellison and Dr Mark Iles - Co-Leads of RESS3:**

[g.t.h.ellison@leeds.ac.uk](mailto:g.t.h.ellison@leeds.ac.uk); [m.m.iles@leeds.ac.uk](mailto:m.m.iles@leeds.ac.uk)

## Year 4 and 5 RESS Extended Student-led Research or Evaluation Project (ESREP)

Do you want to complete an audit, service evaluation or research project and Teach Leeds Medical Students about your work?

Why not supervise a pair of Leeds Medical Students with an extended project that you propose and they complete?

- Encourage student interest in your field
- Develop your teaching/supervision experience
- Supervise a project over 15 months giving medical students space, with support, to learn by experience

Supervision starts in September 2017 and finishes in November 2018

Student meetings approximately 6 hours

Marking 5 assignments and an oral presentation

The deadline for submission of a brief project proposal is March 2017

Could you consider becoming a Course Management Team member? – contributing 4-6 hours of input, thought and expertise to 3 management team meetings (at which student feedback, course improvement and course assessments are discussed and addressed)

**To find out how to get involved please contact the ESREP team:**

[ESREP@leeds.ac.uk](mailto:ESREP@leeds.ac.uk)