



King's College London GKT School of Medical Education

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### ***Implemented Activities***

The Research Stars Lecture Series:

- Inspirational researchers were invited to come and speak to undergraduates. All lectures were followed by a journal club to give students an opportunity to interact with speakers.

Research Electives:

- These awards are designed to support research activity. Where electives include a clinical attachment, applicants will be eligible only if they can demonstrate that at least 50% of their time will be allocated to a research project.

Research Summer Internships:

- This opportunity provides invaluable experience at the bench in a busy research laboratory.

Student Organised Research Training:

- Free interactive course designed by medical students to help kick-start research/audit aspirations, by giving students the tools to carry out their own research/audit project, all whilst covering core topics for 1st and 2nd year exams (and Academic Foundation Programme Interviews).

Research Poster Evening:

- Top student researchers presented their posters in front of a judging panel comprising CARS Patrons from across KHP.

Student Introduction to Research Night:

- 5 students from across the health schools were invited to share their experiences doing research as students. Students who had completed INSPIRE summer studentships and their supervisors were invited to attend and present posters of the work.

Make the Most of Your Library Project:

- Medical and Dental students attended a talk on developing core skills for research and the medical and dental curriculum:
  - 1. Literature review
  - 2. Critical Appraisal
  - 3. Scientific Writing Style and format.

### ***Impacts***

Development of Lab-based Skills:

INSPIRE is coordinated by the Academy of Medical Sciences and supported by the Wellcome Trust. INSPIRE activities are designed and delivered locally by individual medical schools.

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- The School learnt early on in the programme that many students did not feel that they had enough lab based skills to enable them to apply for research opportunities when they arose and would appreciate further training in specific lab based skills. Accordingly, the School offered training in laboratory settings/scientific techniques (such as RNA interference technology, assays, western blot analysis and sophisticated confocal microscopy systems) that they hope will give students the skills and confidence to enable them to secure further research opportunities.

The Forging of Links:

- Internships in particular have given students the opportunities to forge links with successful research role models during a more extended period in the lab.

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