



University of Bristol School of Veterinary Sciences with University of Bristol  
School of Medicine and University of Bristol Dental School

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### **Proposal of Activities**

- **Stand and Deliver!:** Training for giving effective presentations. The course will be run by a really energetic and innovative company called Vox Coaching who will provide a half day course, open to students from Bristol, Cardiff, Exeter and Plymouth.
- **The INSPIRE Health Sciences Research Journal.** Student-led team, made up of students from all four Universities. Aim to recruit new student editors to the team (2-3 from each University) plus other students, as peer reviewers. Funding from the new grant will open the journal to submissions from medical, dental and veterinary students from all over the UK. Interest from Warwick, Aberdeen, St Andrews and Leicester Universities. Dr Jose Ruffino, an editor at the Journal Diabetologia, will assist with the training of our student editorial team and with the editing and publication of the journal.
- **Annual one day Interdisciplinary Symposium.** Programme involved talks on medical applications of swarm robotics, developmental robotics, engineered nanomaterials in medicine and dentistry, graphene sensors for Alzheimer's detection and a digital future for health, with speakers from Plymouth, Bristol and Exeter Universities. The symposia also had lunchtime demonstrations of AI and VR set-ups and poster displays by students from submitted abstracts, together with a poster prize. Future symposia are planned to take place in Plymouth in Jan/Feb each year of the two year Inspire programme.
- **Taster days.** Students have the opportunity to visit active research groups for a day. The aim of this activity is to give students information about and the experience of medical research. 60 different taster days on offer last year. All four universities produce a research brochure and a student from any one of the four universities may apply for a taster day offered by one of the universities.
- **National Intercalators conference 2020 and 2021** National Intercalators Conference 2020 and 2021. Aims to encourage medical, dental and veterinary students to consider intercalation and to also provide information about the course options that are available across a range of universities. The conference format consists of talks from inspirational high-profile clinical academics, talks and posters from students who have already intercalated (medical, dental and veterinary), and talks from early career researchers giving practical tips on how

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to get PhD funding and how to balance clinical training with developing a research career. Representatives from a broad range of universities attend to provide information about degree courses that offer opportunities for intercalation.

- Attend GSK to experience how research and pharmacology interact. Wanting to run every 2-years with the opportunity for all of the medical / veterinary and dental schools in GW4 to participate. Facilitated by Dr Rab Prihinda FRSB FMedSci who is the VP and head of their Epigenetic drug discovery arm and Dr Daniel Marks who is an experimental medicine physician.
- Summer Studentships. These summer studentships are an essential component of the Inspire Scheme as they allow us to identify individuals who may wish to pursue a career in research and provide them with more in-depth research training.
- Evening Research Showcases. These successful events allow medical, dental and veterinary students the opportunity to mix and present their work allowing them to develop their presentation skills and also share their research findings. The showcases include talks from inspiring speakers and talks by students (who have already completed research projects). In addition, this is a fantastic opportunity to encourage interaction and collaboration between the students.
- INSPIRE Presentation/Conference Bursary Awards. Fund students to attend conferences to present work funded either by INSPIRE or by another route. Individual awards are for up to £200 and students must complete an application form to apply for these awards with details of the abstract to be presented and how attending the conference will benefit their future careers.
- Supporting One Health Committee Activities. This student-led committee are committed to promoting the concept of one health in order to share knowledge, experience and research to improve care for humans, animals and the environment. They run events throughout the year focussed on encouraging connections between health, medical, veterinary, scientific and environmental related disciplines. A range of speakers from a variety of different scientific disciplines are invited to these events to discuss current areas of debate and research.
- Research SSC/Elective Prizes. The Bristol Medical and Veterinary Schools offer SSCs and research electives, respectively which are a self-selected component of the undergraduate course during which students can choose to conduct a short research project. Indeed, as a direct result of the INSPIRE scheme the new medical curriculum MB21 now also offers the opportunity for 3rd year medical

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students to perform their 8 week SSC in an INSPIRE laboratory or research unit. As such this is an excellent way to gain additional research experience within an undergraduate course. For non-intercalating students this is an ideal way to gain research experience within the curriculum. We would like to encourage students to consider taking up these opportunities and as such would like to offer four 'Research Elective Prizes' of £500 each to the top scoring research elective projects completed.

- INSPIRE Veterinary Undergraduate Research Conference 2020 and 2021. We have been working closely with the other UK Veterinary Schools to encourage an interest in research amongst our UK Veterinary students and highlight how research can enhance their everyday lives as qualified veterinarians. Students have the opportunity to present their own research at the conference and can also listen to inspiring talks from vets doing research and attend sessions focussed on career development.
- Dental Student Conference. A yearly cross-South West Dental-specific evening showcase will be organised. These evenings will provide an opportunity for dental students to develop their poster and oral presenting skills and share research findings from intercalation, summer internships or elective projects. Importantly, it will also develop the network of research-active dental students across the three dental schools in the South West (Bristol, Cardiff and Plymouth) and provide an opportunity to provide dental specific academic career guidance.
- Development of a clinical trial participant information video. Propose to involve medical students in the process of development of each video participant information sheet (vPIS) for the UK Type 1 Diabetes Immunotherapy Consortium (lead by Prof Dayan). Aim of understanding both the mechanics of medical video information development as well as the importance of effective information transfer as part of informed consent for trials.

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