



Proposal of Activities

- Increasing The Profile Of Research And Research Opportunities
 - Research, Teaching and Scholarship Showcase

One of DRAMS's most successful events, this is an open networking event where clinical and teaching research faculty from various disciplines showcase their work and opportunities for students to get involved. Students are encouraged to arrange small to longer summer projects related to medical research. We will also invite past vacation scholarship students to share their experiences as guest speakers. This event will also formally introduce Dundee Clinical Academic Tract program (DCAT) to the student body.

- Discovering Research Day

Another one of DRAM's flagship events aimed at inspiring and informing medical and dental students about research opportunities in the university. This event is especially important to us as our student colleagues from other the Scottish partner medical schools are invited to attend and present. We hope to continue working on and strengthening our partnership with the aforementioned schools and hope to increase the participation level in the coming years through this opportunity to network. This event will also provide students with a platform to present their research, with prizes awarded for various categories.

- 'From Bedside to Bench and Back again ' Workshop and Patient Experience (New)

This event aims to focus on showcasing the concept of translational research to students. We want our attendees to be more aware of the dialogue between the "bench" and the "bedside" and that it happens both ways. We propose having guest speakers from both sides - the patients and the translational researchers - share meaningful/impactful experiences. Using this set up, by challenging the students to ask the questions arising from the clinical condition and seeking the answers in science, taking it back to the bedside in clinical applications, we hope to make the point that research is patient focused and relevant to their roles as healthcare professionals.

This event will be as a joint event for surgical Skill hosted by the Surgical Society in the Medical School

- Themed Research Evening: Cancer Research 2019

Alike our popular MRC PPU research group evening events in the previous years. This event will focus on cancer research and will discuss the most recent developments in the field of oncology by clinical academics in the medical school. We have 2 invited speakers for the evening, followed by a laboratory tour and refreshments. Events of this format are open to the wider university, to those interested in medicine and also to students from St Andrews.

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- Themed Research Evening: Health Informatics 2019

This event involving the Health Informatics Centre (HIC) based in Dundee, aims to inform students with regards the potential and role of health informatics as a resource in research and improving healthcare. The event will take the form of a seminar consisting of presentations and discussions.

- Themed Research Evening: Entrepreneurship in Research (New)

At the University of Dundee there have been a number of entrepreneur research developments that have led to spinout companies and businesses. We plan to liaise these locally based companies and research groups in the university to arrange for visits and presentations. Beyond learning about the research, we hope to design the event to learn first-hand about entrepreneurship and engaging with industry.

- Orientation Week: Fresher's Fair (New)

At the annual fresher's fair, Dental DRAMS will have a booth to promote our society to the incoming students at the University of Dundee. This is a great chance to share with students, both from the dental school or who are in an unrelated field of study, the importance of clinical research. This event serves to publicise the activities of DRAMS and to increase its membership.

- Dental DRAMS Introductory Day (New)

This is an introductory event held at the dental school café at the start of the academic year, open to faculty and students in the dental school. Through this informal open networking event, students interested in research can use this opportunity to identify research mentors.

- Dental Wiki Introductory Evening Seminar

An introductory event and taster session for students and staff to discover the impact they can make by taking part in the project to edit dental-related research articles on Wikipedia. This event will be streamed live to other dental schools in the UK. There will also be workshop for new editing members covering the basic skills for researching and editing articles dental-related articles on Wikipedia.

- Website Development Project

We hope to update our website to make it more user friendly and more student centred to allow for students to better make use of the resources available. It is important to note the website will be hosted by the university's servers maintained by the IT team on site. This makes sure our website is compliant with University of Dundee security standards and regulations.



- Promoting Research Skills and Confidence
 - Critical Analysis Seminars

This will be a series of 3 workshops targeted at teaching students how to approach and critically appraise a research paper and associated statistics. We hope to equip tomorrow's doctors with the tools and skill set to confidently approach, interpret and apply information. We also hope to develop this workshop into an online module to allow for easier and open access by medical students all year round.

- Journal clubs

The Lunchtime Journal Club sessions run throughout each year, chaired by an experienced clinician (consultants or senior lecturers). Students volunteer to critically appraise influential/high quality research papers sent in by the chairing clinician who then leads the discussion on the papers with the students. We aim to schedule journal clubs to coincide with the biological systems currently being taught during the pre-clinical academic years.

- DRAMS 'Journal Watch' newsletter

- This is a newsletter written and edited by students, and builds upon the popularity of our Journal Clubs. The newsletter serves as another outlet for students to volunteer and practice academic critical appraisal skills. Articles aim to make connections between important developments in clinical science and practice and to provide easy-to-read summaries and comments on each issue. We aim to help students stay informed of current developments in medicine in a friendlier and approachable manner.

- UoD-IMU student research collaboration (New)

The Dundee medical school has strong international ties with the International Medical University (IMU) in Malaysia. We hope to build on this by organizing an international collaborative student research activity. For the first year, we plan to initiate discussions with the IMU student body representatives to plan the longer term projects, identify faculty members to mentor the project on both sites, and to help put in place the research framework to take this further. In the following year, we plan to have identified specific research projects and will develop the work packages and identify and task the student groups, and faculty mentors. The project remit requires the potential to be inclusive of a large number of students, who can contribute different packages of the research project, using secure remote working and digital technology.

- Public Engagement
 - Dental Research Showcase and Public Engagement Event

This event showcases to dental students and public visitors previous and ongoing research within the Dental School. Further, it provides presenters from the Summer

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Internship Showcase the opportunity to present a hands-on experience of their particular research area. Student feedback suggests that these students have acted as role models, sparking the interest others to pursue research. This year we hope to widen the reach of this event - we will invite students from local schools to attend. We anticipate that any students interested in pursuing a dental/medical career may attend, and this would be a terrific opportunity for them to get some further insights into research and dentistry at Dundee.

- Mouth Cancer Educational event

The purpose of Mouth Cancer Awareness Day is to increase awareness about the latest research findings on mouth cancer to Dental Students and to inform the public about the best practice with regards to prevention of the disease using evidence-based resources. We will be working in partnership with Let's Talk About Mouth Cancer, a Scottish charity set up by a group of healthcare professionals with the aim of improving the prognosis of a patient diagnosed with mouth cancer. With a growing body of research findings behind cause of oral cancer, there is a need to translate these finding in terms of lifestyle modification to high-risk groups. The event will include with invited speakers, mouth cancer victims and a Q&A session.

- Inspiring Future Academics

- Annual TED Talk in Research: Inspiring Research Through Personal Narratives

Although many graduates may be aware of the research and achievements of leading researchers, few ever hear about their personal journeys; why and how they started in research, their motivations, and how they have been shaped by their work and experience. In offering a platform for sharing their stories, experiences and advice, we hope to inform and inspire with young people, and seed an interest in research. The proposal is for an annual Lecture of from inspiring researchers from diverse backgrounds. We also hope to record these sessions to make them a free online resource.

- Lunchtime drop in DRAMS TED Talk series

This activity is modelled on a TED talk style of presentation as outlined in Activity 1. Local faculty from a variety of disciplines will be invited to speak in an informal setting to undergraduates, about their research, as well as their personal perspectives on their research journey and career. The objective is to provide students with insights into the work and role of an academic / researcher and an opportunity seek career advice. We could also use this time to raise awareness about the different DRAMS activities, share information about the AFYP and discuss about Careers and CV building opportunities - things which are better discussed in a smaller group setting rather than in a larger lecture style presentation.

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- Career Pathways in Research Evening Seminars

This interactive seminar aims to provide students with the essential information needed for specialisation and research, upon graduation and is Dental DRAMS's most popular event. A breadth of guest speakers (senior clinicians, consultants, lecturers, specialty training registrars (STR) and dental core trainees (CT) etc.), are invited from the within and outside of the Dental School. This serves to widen our students' perspectives of the career pathways available to them post-graduation. The presenters share their experiences in the profession, give advice and act as role models for our students. This event acts as another valuable opportunity to network with professionals both within and outside of the university.

- Encouraging Collaboration

- Wikipedia Worldwide Collaboration of Dental Schools – Annual Conference

This conference organised by Dental DRAMS brings together editing members in the University of Dundee Dental School and participating universities worldwide to share their work over the past year. An objective is to provide a platform for networking and research collaboration between dental students from different universities. It will also feature a research themed presentation from an invited speaker. This meeting will also be open to the wider student body.

- UoD-IMU student research collaboration

The Dundee medical school has strong international ties with the International Medical University (IMU) in Malaysia. We hope to build on this by organizing an international collaborative student research activity. For the first year, we plan to initiate discussions with the IMU student body representatives to plan the longer term projects, identify faculty members to mentor the project on both sites, and to help put in place the research framework to take this further. In the following year, we plan to have identified specific research projects and will develop the work packages and identify and task the student groups, and faculty mentors. The project remit requires the potential to be inclusive of a large number of students, who can contribute different packages of the research project, using secure remote working using digital technology.

- Network opportunities with students from INSPIRE programme partners

Where feasible, all the above activities will be open by invitation to our INSPIRE partners schools in Scotland, and we will host partner school activities on the DRAMS website.