

Title of the project: Investigating Sustainable Development Goals literacy in BMS and HB Teaching

Supervision team: Dr Clare Foy (c.foy@qub.ac.uk)

Length of the project (weeks 4-8): 4 weeks

Project Description:

The 2030 Agenda for Sustainable Development, adopted by all UN Member States in 2015, provides a shared 'blueprint' for peace and prosperity for people and the planet. The Agenda sets out 17 Sustainable Development Goals (SDGs) that 'recognise that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests'

Queen's University Belfast are committed to becoming a leader in sustainability. To achieve this aim, Queen's is striving to fulfil the SDGs across all Centres, Schools and Faculties and to achieve this in both our teaching and research practices. CBMSE is embedding the UN SDGs into the Human Biology and Biomedical Science Programmes, working with module co-ordinators, technical staff and students to incorporate the SDGs into modules as learning outcomes to raise awareness around responsible sustainability.

Sulitest is an international educational initiative for assessing core sustainability literacy. Sulitest will be completed by Year 2 students to attain their sustainability literacy and support education for sustainable development. Anonymous Pre- and post-test questionnaires will also be used to gauge improved student awareness and knowledge

Key Skills that will be built as part of the project:

- The student will:
 - Analyse the results from the Year 2 Sulitest and assess if sustainability literacy is enhanced using this platform.
 - Identify potential SDGs that are not adequately covered within the degree programmes and develop potential ways in which they can be incorporated into modules
 - Create a simple resource that module coordinators can use within Canvas/PowerPoint/Teams to enhance awareness of SDGs integrated into their teaching

Title of the project: Curation of Pathology Specimens for Medical and Human Biology Teaching

Supervision team: Dr Eva Sweeney (e.sweeney@qub.ac.uk)

Length of the project (weeks 4-8): 4 weeks

Project Description:

The Centre for Biomedical Sciences Education has an extensive collection of potted pathology specimens. This resource is underutilised in our anatomy modules for Medicine and Human Biology. In part this is due to the sheer quantity of specimens and onerous procedure of selecting and then replacing specimens in the storeroom.

The selected student would help curate a selection of specimens for each named practical and would help with photography and video of these specimens for a digital catalogue. The student could also be involved in the creation of information sheets to accompany the specimens to increase their usefulness for self-directed student learning in practicals.

This project is suitable for a student that has some experience of gross anatomy.

The data generated from this project could come in the format of focus groups to glean staff appraisal of the new system, and in the longer term, student evaluation of the greater incorporation of pathology potted specimens into anatomy practicals.

Key Skills that will be built as part of the project:

Gross anatomical knowledge, Clinical knowledge, Creating e-learning resources, Photography and Videography