

**Learning and Teaching Innovation Fund 2011-12 grants**

<b>Name</b>	<b>Dept</b>	<b>Title</b>	<b>Details</b>	<b>Named academics working on the project</b>	<b>Wider relevance</b>
Alex Sutherland	JSSS	Programme for graduate research methods training	Developing and extending software used for administering coursework and assessment for stats and methods courses in the graduate research training programme. Uses individual-specific problem sets to ensure proactive learning.	Thilo Klein, Michael Goller, Michael Freeman and Alex Sutherland.	Student feedback, and wider use by other courses.
Helen Cooper	English	English Literature Timeline Project	Interactive online timeline of alumni authors including primary and secondary references, and interactive material, pictures and reading lists. To be regularly revisited and updated by students. Development of student research skills in preparation for dissertation work.	Dr Tilmouth (Director of ug studies) and Elizabeth Tilley (Faculty Librarian)	Possible model for other faculties for information literacy programmes.
Ben Walton	Music	Pre-Sessional Harmony Training for Incoming Undergraduates	Bridging gap between incoming students' knowledge via an online programme before commencing first year	Martin Ennis	Could be expanded to schools as part of outreach efforts, and developed for first and second year ugs.
David Perry	Haematology	Interactive e-Learning Materials In Haematology	Developing online, virtual reality teaching resources for learning including laboratory data/images/video clips for students to comment upon. Will include feedback to the student.	David Perry & Mark Andrews	Collaborative with commercial company Emergent Computing. Will eventually become available to pre-clinical students and other medical schools.
Rebecca Lingwood	ICE	MSt Virtual Learning Environment (VLE)	Developing Virtual Learning Environment for MSt programmes using Moodle for online research and information skill support. In line with recommendations of Senior Tutors Working Group on part-time students.	Emma Coonan	Could be useful for other part-time students.
Hugh Matthews	PDN	A novel experimental class to study the mechanical properties of human muscle	Experimental study on student's own hand muscles in response to electrical stimulation. Replaces a practical using in vitro on frogs.	Hugh Matthews & Matt Mason	Student feedback

Andy Buckley	Earth Sciences	A digital reference collection of rocks, minerals and fossils for IA Earth Sciences	Upgrade and photograph specimens, annotate images, rewrite descriptions, and build a website. Would be available on smartphones. Dept also involved in JISC funded larger national project on digitisation of fossils.		Resource will be available publically for outreach
Sarah Rough	Chem Eng	Getting the best out of a one year postgraduate taught Master's programme at Cambridge	Workshops to support students and encourage reflective learning for the one year MPhil programme - numerical methods, molecular aspects of experimental work and skills development	Sarah Rough	Skills courses could also be relevant to ugs.