

## UNDERGRADUATE SEFS SUMMER RESEARCH BURSARIES 2019

Programme	Student Awarded	Project	Supervisor(s)
Computer Science	Haozhe Wang	Investigating the patient-centred healthcare model: my health digital assistant	Dan Grigoras
Engineering	Daniel Maguire	Development of an Ultrasonic System to detect Olive Oil Fraud	Dr Bill Wright
Nutritional Sciences	Ronan Hayes	Investigating frailty and life span using the Caenorhabditis elegans model of aging.	Dr Susan Joyce
Biochemistry	Niamh Mai Casey	Regulation of the cytokine expression during Unfolded Protein Response Signalling	Dr Eoin Fleming
Biomedical Science	Kornelia Dembicka	Functional analysis of alpha-actinin dimerization in cancer	Dr Paul Young
Biochemistry	Aisha Suleiman	Investigation into the ability of Th1 Inflammatory and Anti-Tumour Cytokines to Sensitize Resistance Colon Cancer Cell Lines to the EGFR targeted therapy Cetuximab	Dr Ken Nally
Microbiology	Ciara Aisling Tobin	Exploiting a platform collection of novel small molecules for behavioural control of key nosocomial pathogens	Dr Jerry Reen
Chemistry	Dara Curran	Computational driven improvement of the Haber-Bosch process	Dr Davide Tiana
Chemistry	Si Lok Ko	Interrupting Bacteria Talk! Using Organic Chemistry in the McGlacken Lab	Dr Gerard McGlacken
Maths Science	Paolo Lamadrid	Elastic Curves	Dr Martin Kilian