

UNDERGRADUATE SEFS SUMMER RESEARCH BURSARIES 2018

	Programme	Student Awarded	Project	Supervisor(s)
1	Engineering	Oisin McVeigh	Tracking sensor design for image-guided surgery	Dr Padraig Cantillon-Murphy
2	Engineering	Nguyen Thach	Development of a hardware controller for a Nd:YAG laser	Dr Bill Wright
3	Biochemistry	Caoimhe Lynch	Understanding gut inflammatory responses in Parkinson's	Prof Cora O'Neill
4	Biochemistry	Katie Wall	Bile acid metabolising ability: examining enzymes from the microbiome	Dr Susan Joyce
5	Biochemistry	Aoife Cronin	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
6	Geography	Robyn Dennehy	Can Recent Severe Weather Events in Ireland be Attributed to Global Climate Change?	Dr Lucía Hermida González_Dr. Paul Leahy
7	Chemistry	Hayley Furnell	Determination of trace toxic ionic species in drinking water using ion chromatography-mass spectrometry	Dr. Elizabeth Gilchrist
8	Applied Maths & Physics	Mary Spillane	Helical Magnetic Fields in "Jets" Ejected by Active Galactic Nuclei	Prof Denise Gabuzda
9	Mathematical Sciences	Fionn Bracken	Minimal Surfaces	Dr Martin Kilian
10	Chemistry	Eimear Courtney	Interrupting bacteria communication systems as a strategy to avoid the evolution of bacteria resistance	Dr Gerard McGlacken