



Summer Students 2003

Student	Project Title	Project Supervisor
Ms Niamh Barrett	Co-incident natural death of four members in a single family	Professor Denis A Cusack Division of Legal Medicine Dept of Forensic Medicine University College Dublin
Mr Killian Bates	Establishment of the normal reference range of CD4 cells in HIV negative Sub Saharan Africans at the GUIDE Clinic in Dublin	Dr Fiona Mulcahy Consultant in Genitourinary Medicine GUIDE Clinic St James's Hospital
Ms Magdalena Bellis	Light induced RPE barrier dysfunction: a possible role for antioxidant protection	Dr Edel Cosgrave Department of Ophthalmology Cork University Hospital Wilton
Mr Micheal Breen	Development of primary culture of granular cells from Rama Temporaria Urinary Bladder	Dr Elizabeth Gebruers Department of Physiology University College Cork Cork
Mr Patric Campbell	Analysis of p53 tumor suppressor gene complexes by non denaturing gel electrophoresis and immunoblotting	Dr Carmel Hensey Department of Pharmacology UCD Belfield
Mr Adrian Chin Jun Liong	Evaluation of Oncostatin M production and expression during neutrophil trans-endothelial migration	Dr Clare O'Connor The Conway Institute UCD Belfield
Ms Wen Yuan Chung	The functional significance of Eralpha and ERbeta promoter methylation on subsequent RQ-PCR expression levels in human breast cancer	Dr Amanda McCann Conway Institute UCD Belfield
Ms Gabrielle Colleran	Mechanisms of resistance to macrolide antimicrobial agents in H. Influenzae	Dr Martin Cormican Department of Bacteriology NUI Galway Galway

Student	Project Title	Project Supervisor
Mr Robert Cornell	Sub-cloning and expression of the N-terminal and C-terminal folding domains of the invariant surface glycoprotein (ISG-75) from Trypanosoma brucei, the causative agent of human sleeping sickness	Dr Paul Voorheis Department of Biochemistry Trinity College Dublin 2
Ms Joanne Cummins	Screening for factors that enhance DNA base excision repair	Professor Tommie McCarthy Department of Biochemistry Lee Maltings University College Cork
Ms Catherine De Blacam	The relevance of nuclear transcription factor co-regulatory proteins in human breast cancer	Dr Loenie S Young Department of Surgery Woodview UCD
Mr Tim Delaney	The effects of ischaemic exercise on skeletal muscle function and vascular inflammation	Dr Simon Green Department of Physiology Trinity College Dublin 2
Mr Paul Doyle	The use of adult mesenchymal stem cells in tissue engineering	Dr Veronica Campbell Department of Physiology Trinity College Dublin 2
Mr Robin Flynn	Investigation of the effects of IGF -1 receptor upstream open reading frames on downstream gene regulation	Dr C Nolan Zoology Department Faculty of Science UCD
Mr Diarmaid Gannon	An assessment of serum HER2, VEGF and VCAM in patients with breast cancer	Mr Michael Kerin Breast Check 36 Eccles Street Dublin 7
Ms Hilary-Jane Hamilton	Alterations in the inhibitor of apoptosis proteins during prostate basal to secretory epithelial cell differentiation: mechanisms for apoptotic susceptibility	Dr RWG Watson Department of Surgery Mater Misericordiae Hospital 47 Eccles Street
Ms Issra Helali	Prototyping and Typing of Clinical Rehabilitation System	Mr Fergal O'Malley Department of Electronic Engineering National University of Ireland, Galway Nuns Island

Student	Project Title	Project Supervisor
Ms Heather Kavanagh	Body Fat and its Relationship with Macular Pigment Optical Density and Serum Levels of Lutein and Zeaxanthin	Dr Orla O'Donovan/Mr Stephen Beatty Chemical and Life Science Dept Waterford Institute of Technology Cork Road
Ms Kathleen Emer Lavin	Life expectancy of people with a learning disability in Ireland	Dr Brian McGuire Dept of Psychology NUI Galway Galway
Ms Claire Leonard	To measure Brain Natriuretic Peptide (BNP) levels in patients with acute exacerbations of COPD who are not in respiratory failure	Professor Luke Clancy Department of Respiratory Medicine CREST Directorate St James's Hospital
Mr Johannes Letshwiti	Mortality and Morbidity in very low birth weight infants: A 9-year audit	Professor BG Loftus Academic Department of Paediatrics Clinical Science Institute NUI Galway
Mr Nicolas N Madigan	Adeno-Associated Virus Gene Transfer to Macrophages	Professor Timothy O'Brien Department of Medicine Clinical Science Institute NUI Galway
Ms Caroline McCormack	The construing of adolescents literacy problems in terms of their self and their literacy problems	Dr Margaret Leahy School of Clinical Speech and Language Studies 184 Pearse Street Trinity College
Mr Ian Miller	Examining the effect of the NFkB negative modulator A20 on the TNF-alpha/NFkB pathway in primary human synoviocyte	Professor Finian Martin Department of Pharmacology Conway Institute UCD
Ms Niamh Moran	Detection of extracellular matrix metalloproteinase inducer (EMMPRIN) in primary tumour and local recurrence in breast cancer patients	Mr Jack McCann Department of Surgery UCHG Galway
Ms Nicola Morley	Research survey of health professionals in the NWHB northwestern health board	Dr Joan Mullan Department of Applied Science Institute of Technology Sligo
Ms Aisling Ni Ruairc	Collation of datasets for the analysis of adaptive evolution in HIV	Dr James McInerney Department of Biology NUI Maynooth Co Kildare

Student	Project Title	Project Supervisor
Mr Michael O'Reilly	The effects of THG113 a novel FP antagonist, on contractions of isolated human myometrium	Professor John J Morrison Department of Obstetrics and Gynaecology Clinical Science Institute University College Hospital
Mr Wong Chee Siong	The temporospatial pattern of normal physiological cell death in the chick embryo	Dr Shay Giles Department of Human Anatomy and Physiology UCD Earlsfort Terrace
Ms Laura Thompson	Evaluation of the multiplex ligatable probe amplification assay for detecting deletions and duplications in medically-important genes	Professor Andrew Green National Centre for Medical Genetics Our Lady's Hospital for Sick Children Crumlin
