

Postgraduate Students

Name	Unit	Subject
D.J. Allcroft	BioSS	Mathematical modelling of short-term behaviour in farm animals.
N. Aziz	GE	Gametic transformation and its potential in gene targeting.
Konstantina Boutsika	MBN	Development of molecular diagnostic protocols for detecting "spraing" tobnavirus disease of potato and its vector trichodoriid nematodes.
Emma C. Brown	MRS	<i>Tobacco rattle virus</i> as a viral vector for gene silencing.
A. Campbell	BioSS	Inferential tools for stochastic epidemic modelling.
Joanna Chessel	SPD	Reactive transport in soil.
Qing Chen	MBN	<i>Xiphinema americanum</i> -group virus-vector nematodes: development of a diagnostic protocol.
Elaine Davidson	PB	Isolation and characterisation of new plant-derived mannose-specific lectins and their use in the diagnosis and mechanistic studies of the infection of mammals with a range of bacteria and viruses.
J. Durban	BioSS	Bayesian methods for marine mammal population assessment.
Sofia Fonseca	BioSS	Stochastic geometry of muscle fibre development.
Jacqueline Heilbronn*	MBN	Characterisation of signalling genes induced by <i>Erwinia</i> in potato.
I. Hein	MRS	Gene discovery in cereals.
G. Henderson	SPD	Modelling soil-water/structure functions.
Maria Holeva	MBN	A molecular study of the type III secretion system and its surrounding DNA in the potato pathogen <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> .
Sonia N. Humphris	SPD	The role of volatile organic compounds in the biological control of wood dry rot by <i>Trichoderma</i> spp.
S. Hussain	MBN	Epidemiology of <i>Phytophthora infestans</i>
Edwige Isidore	Genom	Construction of an ultra high density linkage map of potatoes.
V. Ivandic	AG	Simple sequence repeats in relation to adaptation in barley.
Erine Karanastasi	MBN	Plant virus sequences involved in particle assembly and transmission by nematodes.
D. Kiezebrink	SPD	Modelling soil and water structure functions to assess the efficiency of pesticides in agricultural soils against plant-pathogenic nematodes.
H.L. Kuan	SPD	What is the link between microbial diversity and soil resilience?
S.G. Lane	Vir	Studies on recombinant antibodies to water pollutants.
Andrea Le Fevre	BioSS	Statistical aspects of lameness in dairy cattle.
Fevronia Lioliopoulou	Vir	Studies on molecular interactions between PMTV and its vector, <i>Spongospora subterranea</i> f.sp. <i>subterranea</i> .
Lucy Mackinnon	GE	Transformation of hemp – a multi-purpose fibre crop.
Gaynor Malloch*	VS	Genetic variation in the family Byturidae.
Milena Maule	BioSS	Stochastic modelling in plant epidemiology and ecology.
Hazel McGovern	SPD	The influence of soil biota on soil structural conditions.
Rebecca Nsubuga	BioSS	Statistical study of the epidemiology of <i>E. coli</i> O157 infection in cattle.
Elizaveta Pachepsky	VS	Modelling phenotypic and genotypic interaction in species-rich grassland.
Barnaly Pande	Genom	Linkage mapping in 4x potatoes.
Ederlinda Pascual	CB	Oxidation processes in coffee.
Alexandra Popovich	Vir	Development of a rapid screening system for gene function.
Alison Prior	MBN	Functional characterisation of a secreted protein from potato cyst nematode, <i>Globodera pallida</i> .
A. Richardson	PB	Coniferyl alcohol oxidases in lignifying tissues of higher plants.
Caroline D. Robinson	BioSS	Bayesian methods for segmenting X-ray CT images of sheep.
K. Rutherford	BioSS	Fractal analysis of animal behaviour.
Geetha Shilvanth	MBN	Enhancement of resistance to <i>Botrytis</i> grey mould of chickpea using PGIP genes.
Lisa Smolenska	Vir	The use of potato virus X for high level production of foreign proteins in plants.
Edwige Souleyre	PB	Carbohydrate metabolism during ripening in the fruit of strawberry.
Kiri Stanley	VS	Towards an understanding of the molecular mechanisms of lectin toxicity to aphids through gut glycoprotein interactions.
K. Stewart	MBN	Breakdown of <i>Mlo</i> resistance under stress.
D. Todd*	AG	The genetic effects and consequences of selection for processing potential in the early generations of a potato breeding programme.
N. Vassilakos	MBN	Genetic determinants of complementarity and exclusivity of vector transmission of tobnaviruses.
E. Vellios	MBN	Molecular elucidation of interaction between plant tobnavirus gene products and virus-vector trichodoriid nematodes.
Jane Wishart	MBN	Characterisation of <i>Meloidogyne</i> species using molecular and immunological techniques.
C-P. Witte	PB	Modification of urea metabolism in transgenic potato.
Joanna C. Wood	BioSS	Mathematical modelling of <i>E. coli</i> infection.
M. Wood	BioSS	Use of wavelet methods in crop cultivar recognition by image analysis.
C. Zhang	GE	Improvement of Chinese wheat cultivars.

* Permanent member of staff