



## PhD Projects and Students sponsored by BEMB Trust since 1973

YEAR	INSTITUTION	STUDENT	SUP'VISOR	SUBJECT
1973-76	Sheffield	Malcolm Mitchell		
	Bath	Stephen Tullett		
	Reading	Rosemary Bouney		
1974-77	Nottingham	Christopher Wathes		Sensible heat transfer from the fowl
1975-78	Nottingham	Christopher Belyavin		
	Nottingham	Paul Kirby		
	Edinburgh	Robert Campbell		
	Leeds	Martin Luck		
1976-79	Nottingham	Frank Knowles		
	Liverpool	Mansural Amin		
1977-80	Nottingham	Graham Macleod		
	Wye	Lynn Woodward		
1978-79	Harper Adams	Christopher Belyavin		
1978-81	Roslin	H Klandorf		
1979-82	Glasgow	Jacqueline Reid		
	Edinburgh	Ms C A Llewellyn		
1980-82	Southampton	Clive Joyner		
	Edinburgh	John Breward (1 year)		
	Belfast	Stuart Gibson		
1981-83	Leeds	Audrey Rushing		
	Reading	Susan Stansfield		
1982-85	Nottingham	Eilir Jones		
	Nottingham	Dinah Burgess		
1983-86	Reading	Michael Harburg		
	Roslin	Martin Yeomans		
1984-7	Houghton	Alan Bowman		
	Houghton	Malcolm Lang		
1985-88	Glasgow	Jillian Watt		
	Roslin	Lawrence Rutter		
1986-89	Roslin	Steven Rutter		
	Reading	Simon Hoste		
	Southampton	Adrian Foulkes		
1987-90	Wolverhampton	Sultan Khan		
	Aberdeen	Alison Keavney		
1988-91	Liverpool	Paul Loughname	Drs Gordon and Bradbury	Evaluation of certain serological tests for the detection of mycoplasma

				gallisepticum and myco-plasma synoviae antibodies
1989-92	Cambridge	Julie Wu		
	Roslin	Philip Grigor	Drs Hughes & Appleby	Use of space by laying hens: social and environmental implications for free-range systems
1990-3	-			
1991-94	Compton	Michael Brown	Dr Skinner	Sequence analysis of European very virulent isolates of infectious bursal disease virus
	Roslin	Sandra Wilson		
Oct 92-Sept 95	Roslin	Martin Reynard	Dr Savory	Stress Induced Ovi-position in Laying Hens
Oct 92-Sept 95	Glasgow	Alex Fraser	Dr Bain	Environmental & Physiological Factors influencing Formation of Eggshell of Domestic Fowl
Oct 93-Sept 96	Compton	Iain Shaw	Dr Davison	Virulent Strains of IBD
Oct 93-Sept 96	Harper	Adam Smith	Dr Roberts	The effect of Dietary Com-position on the Water Balance of Laying Hens
Oct 94-Sept 97	Compton	Clifford Luke	Dr Skinner	"Very infectious" bursal disease virus
Feb 95-Jan 98	Loughborough	Charlotte Sutcliffe	Dr Boorman	Phosphate Availability and Loss from Laying Hens
Oct 95-Sept 98	Compton	Scott Sellers	Dr Bumstead	Quantitative analysis of Marek's disease vaccine virus in relation to host genetic resistance
Oct 95 - Sept 98	Glasgow	Sally Darnell	Prof Solomon	Study of the Relationship between Medullary Bone Activity and Shell Formation in 3 populations of birds
Oct 96-Sept 99	Roslin	Dorothy McKeegan	Dr Savory	An investigation of the hormonal basis of behaviour in sexually maturing layer pullets
Oct 96-Sept 99	CVL Addlestone	Roberto La Ragione	Dr Woodward	S. enteritidis Multivalent vaccine; protection against 078:K80 colisepticaemia
Jan 98-Dec 00	Compton	Andrew Williams	Dr Davison	Vaccination with recombinant avipox virus expressing IBDV proteins
Oct 97-Sept 00	Leeds	Giles Barkley	Prof Forbes & Dr Miller	Phosphorus nutrition & phytase in laying hens
Oct 98-Sept 01	PHLS Exeter	Tristan Cogan	Prof Humphrey	Factors influencing the contamination and growth in egg contents by Salmonella enteritidis
Oct 98-Sept 00	Liverpool	Nick Ashton	Dr Bradbury	Investigations into Mycoplasma synoviae infections in layers
Oct 99-Sept 02	Compton	Karen Hackney	Drs Britton & Kaiser	In ovo vaccination using infectious bronchitis virus defective RNAs expressing chicken cytokine and heterologous pathogen genes
Oct 99-Sept 02	CVL	Paul Carroll	Prof Woodward	Immune responses of chicks and layers to S. enteritidis
Oct. 00-Sept 03	Compton	Elizabeth Haygreen	Drs Davison & Burgess	Enhancing in-ovo vaccination against MDV and IBDV using novel DNA-vaccines
Oct. 01-Sept 04	Cambridge	Chris Hansell	Professor McConnell	Interactions between chicken dendritic cells and salmonella

Oct 01-Sept 04	Liverpool	Jennifer Hagan	Dr Bradbury	Investigations into Mycoplasma synoviae infections in layers
Oct 01-Sept 04	Compton	Helen Walter	Drs Butter & Davison	Potential of in-ovo vaccination by the modulation of immune development
Oct 02-Sept 05	Belfast	Stuart McPeake	Drs Ball & Smyth	Investigation into primary septicaemia infections caused by Escherichia coli strains in adult chickens
Oct 02-Sept 05	Compton	Sousan Izadkhasti	Drs Cavanagh & Britton	Recombinant infectious bronchitis viruses for rational vaccine design and to gain insight into IBV recombination in the field
Oct 02-Sept 05	Bristol	Alisdair McMeechan	Professor Humphrey & Dr F Jorgensen	Role of poly-b-hydroxybutyrate for virulence of Salmonella enterica in laying hens and its survival in the environment
Oct 04-Sept 07	Compton	Laura Fyfe	Dr Colin Butter	The role of the lung in producing effective in-ovo immune responses
Oct 04-Sept 07	Compton	Susanne Davidson	Dr Paul Barrow	Virulence and colonisation factors of Salmonella Enteritidis
Oct 04 – Sept 07	Student withdrew			
Oct 06- Sept 09	Moredun	Harry Wright	Dr John Huntley	Identification of vaccine candidates against poultry red mite, Dermanyssus gallinae
Oct 08-Sept 12	VLA	Luke Mappley	Dr Roberto La Ragione	Intervention strategies for avian spirochaetosis
Oct 10 Sept 14	Liverpool	Charlotte Collingwood	Dr Paul Wigley	Use of pathogenomic approaches to characterise emerging layer-associated Avian Pathogenic Escherichia coli
Oct 12 Sept 16	RVC	James Pritchard	Professor Fiona Tomley	Control of poultry red mite: expression and administration of vaccine antigens to poultry in the protozoan parasite Eimeria tenella
Oct 14-Sept 18	Reading/Surrey	Jade Passey	Professors Woodward and La Ragione	Control of Avian Intestinal Spirochaetosis (AIS) by Lactobacillus probiotics: understanding the mechanism of action of the binding of LAB to Brachyspira spp. for improved control
Oct 16-Sept 20	Royal Veterinary College	Eleanor Karp-Tatham	Dr Damer Blake	Understanding population, genetic and antigenic diversity of the poultry red mite to improve prospects for successful vaccine development.
Oct 18-Sept 22	University of Greenwich	Richard Lloyd Mills	Prof Richard James Hopkins	Biological and Chemical Characterisation of Aggregation Pheromones and habitat seeking kairomones in Poultry Red Mites to enhance baited trapping control strategies.
Oct 18 – Sept 22	The Pirbright Institute	Isobel Webb	Dr Erica Bickerton	Investigation into the Role of the Infectious Bronchitis Virus (IBV) Envelope Protein in Viral Replication and Pathogenicity

Oct 20 – Sept 24	School of Veterinary Medicine, University of Surrey	James Adams	Dr Shahriar Behboudi & Prof Roberto La Ragione	Control of avian pathogenic <i>Escherichia coli</i> by non-antibiotic compounds inducing trained immunity of chicken macrophages.
Oct 22 – Sept 27 (1 year leave of absence)	Moredun Research Institute	Naomi Morrison	Dr Dan Price	Development of RNA interference (RNAi) mediated gene silencing in <i>D. gallinae</i> as a novel tool for parasite control.
Jan 23 – Jan 27	Bristol Veterinary School	Maud Helwegen	Dr Sarah Lambton	Causes of laying hen mortality in loose housing systems and implications for welfare and sustainability.
Oct 24 – Oct 28	University of Liverpool	Samual Hughes	Dr Kannan Gannapathy	Development of nanoparticle-adjuvant and antigen-matching autogenous vaccine for <i>Mycoplasma gallisepticum</i> (MG) and comparative evaluation against other MG live and inactivated vaccines
Oct 24 – Oct 28	Pirbright Institute	James Kirk	Dr Sarah Keep	Rational development of the next generation of vaccines for Infectious Bronchitis