

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Adeline Sourdille	UoD	Functional Analyses of Anti-Meiotic Crossover Genes in Large Genome Cereals	Robbie Waugh	Dundee
Adolfo Mejia Montero	SEGS	Technic, Financial, Social and Regulatory Policy Assessment Towards Community Wind Projects and Social Engagement on the Tehuantepec Isthmus, Oaxaca, Mexico	Jelte Harnmeijer	Edinburgh
Ainoa Pravia Fernandez	ES	Evaluating Peatland Management and Restoration for Multiple Outcomes	Rebekka Artz	UHI
Alexander Williams	EBS	Antibiotic Resistance on the Farm: Evaluating the Risks to Soil, Crop and Human Health	Lisa Avery	Nottingham
Amy Claire Learmonth	UoD	Candidate Gene Analysis of Barley QTLs	Claire Halpin	Dundee
Andrew MacLaren	SEGS	Assets or Burdens? Exploring Rural Older People's Community Contributions and Resilience	Margaret Currie	Aberdeen
Andrew Tweedie	EBS	Soil Macronutrient Cycles Beneath Our Feet: Predicting How Soil Carbon and Nitrogen Manipulation Regulates Phosphorus Cycling for Environmental Benefits	Marc Stutter	Lancaster
Angus Aitken	CMS	Modification of Plant Endomembranes by Viral Proteins	Jens Tilsner	St Andrews
Anna Ferretto	ICS	Biophysical Boundaries of the Scottish "Doughnut"	Robin Matthews	Aberdeen
Anyim Chukwu	EBS	Predicting the Impact of Different Treatments of Organic Wastes on Spread of Pathogens in Rural Nigeria	Lisa Avery	Aberdeen
Asanterabi Lowassa	SEGS	The influence of social structures and social changes on illegal bushmeat hunting in western Serengeti, Tanzania	Anke Fischer	Dar Es Salaam
Ashley Gorman	EBS	Assessing the Significance of Soil Erosion to Arable Weed Seedbank Composition and Biotic Function	Blair McKenzie	Dundee
Aurelia Bezanger	CMS	Towards a Better Understanding of the Biology and Genetics of Phytophthora Rubi and P. Fragaria Which Causes Devastating Root Rot Disease in Raspberries and Strawberries	Eleanor Gilroy	Dundee
Azlina Bahari	ICS	Study of IPP Utilisation by Branches of Isoprenoid Biosynthesis in Hevea Brasilliensis Latex Through Gene Expression and Metabolite Content Analyses	David Marshall	Dundee
Bas Buddendorf	EBS	Multiscale Modelling to Assess Impacts on Flows and Ecology in Regulated Rivers	Mark Wilkinson	Aberdeen

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Benjamin Pennington	ES	Imaging, Analysis and Modelling of Root-Soil Interactions	Glyn Bengough	Dundee
Beth Moore	ES	The Role of Sex, Climate Change and Land Use on the Spread of Aphid Pesticide-Resistance in the UK	Gaynor Malloch	Aberdeen
Bhawana Gupta	EBS	Tackling the Challenge of the Water Food Energy Nexus in India and Scotland	Bob Ferrier	Dundee
Carinna Baird	ES	Micro-Scale Spatial Organisation of Microbial Denitrification and its Implications for Greenhouse Gas Emission	Tim Daniell	Edinburgh
Carmen Maria Escudero	CMS	Effector-mediated Targeting of Plant Immune Networks in Plant-Aphid Interactions	Journn Bos	Dundee
Carolyn Vorstius	ICS	Safeguarding and Improving Raw Water Quality by Increasing Catchment Resilience	Iain Brown	Dundee
Catherine Thomas	ES	Identifying Altered Root Trails From the Shoot Ionome	Lionel Dupuy	Nottingham
Charlie Langan	SEGS	Mapping of Risk to Wetland Ecosystem Services and Evaluation of Local and National Level Instruments for Wetlands in Uganda	Paula Novo	Aberdeen
Charlotte Hall	ICS	The Climate Consequences of Delivering Food Security	Robin Matthews	Dundee
Charlotte Hurst	CMS	Signalling Across Membranes - Post-Translational Regulation and Control of Plant Receptor Like Kinase Function	Piers Helmsley	Dundee
Christopher McCloskey	ES	Measuring and Modelling Carbon Capture in Grassland Soil	Eric Paterson	Cranfield
Cristina Rodriguez Gil	ES	Microbial Inoculants for Drought Stress Resilience of Traditional and Modern Barley Varieties	Alison Bennett	Heriot Watt
Daire Carroll	ES	Microbial Establishment on Growing Rhizoplanes	Lionel Dupuy	Warwick
Daniel De Vega Perez	CMS	Identification and Molecular Characterisations of Elicitor-Priming for Resistance in Tomato Against Botrytis Cinerea	Adrian Newton	Dundee
Daniel Leybourne	ES	Exploiting Molecular Aphid Plant Interactions for Improved Aphid Control Under Climate Change	Ali Karley	Dundee
David Boldrin	ES	Enhanced Mechanical Strength of Vegetated Soil Through Transpiration	Glyn Bengough	Dundee

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
David Burnett	CMS	Plant Virus-Based Multi-Enzyme Catalytic Nanoparticles	Jens Tilsner	St Andrews
Deborah Wood	EBS	Linking Carbon and Iron Cycles by Investigating Transport, Fate and Mineralogy of Iron-Bearing Colloids from Peat-Draining Rivers - Scotland as Model for High-Latitude Rivers	Marc Stutter	Stirling
Dominik Robert Laetsch	CMS	Evolution of Effector Gene Families in Relation to Virulence of Potato Cyst Nematodes	Vivian Blok	Edinburgh
Dorien Vanhees	ES	Pathways to Deeper Rooted Crops	Glyn Bengough	Nottingham
Douglas Pyott	CMS	Boosting Pathogen Resistance at High Temperatures	Lesley Torrance	Edinburgh
Edward Baxter	ES	Conservation at the Crop Edge	Geoff Squire	Harper Adams
Eirini Xemantilotou	CMS	Engineering of Plant Cell Wall Degrading Enzymes for Enhanced Biocatalysis in Biofuel Production	Leighton Prichard	St Andrews
Eleanna Grammatopoulou	EBS	Investigating the Origin(s) and Fate of Sediment Organic Matter and Bacterial Biomass in the Deepest Marine Environment on Earth	Barry Thornton	Aberdeen
Elliot Hill	ES	Identification of Key Factors Determining the Outcome of Competition for Organic N in the Rhizosphere	Eric Paterson	Bangor
Emily Schofield	ES	Temporal Dynamism, Soil Processes and Niche Complimentary: Novel Approaches to Understanding Diversity-Function Relationships	Rob Brooker	Manchester
Emily Wheeler	UoD	Linking Epigenetics and 3'End Formation in Arabidopsis Flowering Time	Gordon Simpson	Dundee
Erica Dello Jacovo	ES	Methods for Seed and Seedling Phenomics	Pete Iannetta	Pavia
Estella Domingo Torres	CMS	The Role of Alternative Splicing and Nonsense-Mediated-Decay on the Regulation of Resistance Genes in Potato Upon Challenge with Phytophthora Infestans	Ingo Hein	Dundee
Esther Carmen	SEGS	Social Capital and Resilience to Natural Health	Katrin Prager	Dundee
Fortune Gomo	ICS	Supporting Better Decisions Across the Nexus of Water-Energy-Food Challenges	Kit MacLeod	Dundee
Fraser Murphy	CMS	Characterisation of the Cellular Processes in Plants that are Manipulated or Suppressed by Effector Proteins from the Late Blight Pathogen Phytophthora Infestans	Eleanor Gilroy	Dundee
Fulvia Draicchio	UoD	Barley NAM (Locating Exotic Genes that Control Agronomic Traits Under Stress in a Wild Barley Nested Association Mapping (NAM) Population	Andy Flavell	Dundee

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
George Themistocleous	ES	Modelling Variety Dependant Least Limiting Water Range: Assessing the Limits to Root Elongation in Field Soil	Tracy Valentine	Nottingham
Giles O'Donovan	ICS	Re-Thinking Food Security and Food Governance	Deb Roberts	Aberdeen
Gracey Remington	SEGS	Water Service Solutions for Sustainable Rural Communities	Richard Allan	Cranfield
Grant Campbell	ES	Application of Digital Soil Mapping to Improve Spatial Accuracy of National Soils Data	Helaina Black	Cranfield
Guillermo Gimenez Garcia	CMS	Regulation of (1, 3; 1,4)-beta-glucan (MLG) Synthesis in Barley	Kelly Houston	Dundee
Irma Arts	SEGS	Digital Technologies and Human-Natre Interactions - The User's Perspective	Anke Fischer	Aberdeen
Isla Hodgson	SEGS	Predators, Tolerance and Conflict: Determining The Drivers of Tolerance Towards Raptors Across Scotland	Anke Fischer	Aberdeen
James Price	CMS	Investigating the Activation and Infection of the Potato Cyst Nematode	John Jones	St Andrews
James Reilly	ICS	An Agent Based Modelling Approach Exploring Global Land Use Scenarios for Sustainable Intensification (ABM-GLUSSI)	Robin Matthews	Aberdeen
Jamie Orr	CMS	Development of Pasteuria Penetrans for Control of Plant Parasitic Nematodes	Vivian Blok	Hertfordshire
Jasmine Burr-Hersey	ES	Breaking New Ground: Novel Plants for the Remediation and Conditioning of Soil Structure	Glyn Bengough	Nottingham
Jennifer Shoesmith	CMS	Regulation of Barley Architecture by HvAP2-Like Transcription Factors	Kelly Houston	Dundee
Jennifer Slater	ES	Managing Soils to Promote Plant Defence Against Pests	Lucy Gilbert	Aberdeen
Jennifer Wardle	EBS	Resolving the Conflict Between Demands on Organic Wastes in Rural Ethiopia - Optimum Solutions for Food, Energy and Water Security	Lisa Avery	Aberdeen
Jessica Fennell	EBS	Future Climate Projections for UK Rural Uplands Include Prolonged Warm and Dry Periods	Mark Wilkinson	Aberdeen
Joel Forsmoo	ICS	Using Ariel Imagery to Identify Multiple Functions and Services from Agricultural Systems	Kit Macleod	Exeter
Jonathan Cope	CMS	Introgressing Resilience and Resource Use Efficiency Traits From Scots Bere to Elite Barley Lines (REBEL)	Adrian Newton	Aberdeen

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Jonathan Stubberfield	ICS	The Health Benefits and Risks of Growing-Your-Own Produce in an Urban Environment	Rupert Hough	Nottingham
Jose Manuel Barrera Gavira	CMS	Elucidating the Mechanisms of Senescent Sweetening in Stored Potato Tubers	Rob Hancock	Heriot-Watt
Jose Van Paassen	ES	Upland Management to Improve Carbon Sequestration and Ecosystem Health	Andrea Britton	Aberdeen
Joseph Palmer	EBS	Prevalence and Behaviour of Clostridia in the Environment	Lisa Avery	Nottingham
Juan Carlos Entizne	UoD	Construction and Refinement of Reference Transcript Dataset Annotations for Fast and Accurate Transcript Quantification in Barley and Potato	John Brown	Dundee
Julen Gonzalez	ICS	Sustainable Development: Where the Power Lies?	Iain Gordon	Dundee
Katarzyna Dybal-Lima	CMS	Characterisation of Potato Cyst Nematode Populations in Great Britain for Sustainable Crop Management	Vivian Blok	Harper Adams
Katya Dimitrova Petrova	EBS	Can Novel COSMOS and Isotope Data be Integrated to Improve Hydrological Models/Predictions	Mark Wilkinson	Aberdeen
Kerry Leslie	CMS	Core Effectors of Cyst Nematodes	Sophie Mantelin	St Andrews
Kirsten Lees	ES	Measuring Peatland Carbon Sequestration by Remote Sensing	Rebekka Artz	Reading
Kirsty Black	ES	The Agroecological and Human-Health Potential of the Grain Legumes Vicia Faba L Minor (Field Bean) and Pisum Sativa (Pea) Processed for Brewing	Pete Iannetta	Abertay
Kirsty Holstead	CMS	Governing Water One Drop At A Time: Responses to, and Implications of, Community Water Management in Scotland and Beyond	Kerry Waylen	St Andrews
Konrad Neugebauer	ES	The Evolution of Sodium Accumulation in the Caryophyllales	Philip White	Nottingham
Kristine Bogomazova	ES	Identification of Species Limits: Clarifying Taxonomy and Ecology of BAP Lichens	Ruth Mitchell	Aberdeen
Kyriakos Varypatakis	CMS	Identification of Avirulence Genes in Globodera Pallida as Tools for Assessing Durability of Resistance	John Jones	St Andrews
Lech Pichnor	SEGS	Understanding Neighbourhood Effects: An Analysis of the Aberdeen Housing Market	Deb Roberts	Aberdeen
Leigh-Anne Kemp	ES	The Role of Soil Fertility in the Function of Mycorrhizal Associations	Andy Taylor	Lancaster

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Licida Giuliani	EBS	Does the Casparian Strip Influence Plant Root Biomechanics?	Ken Loades	Aberdeen
Linsey McLean	EBS	Considering a Holistic Approach to Quantifying Natural Flood Management in the United Kingdom	Mark Wilkinson	Heriot Watt
Lisa Malm	ES	The Impacts of Habitat Modification on Avian Food Web Structure and Resilience	Alison Karley	Newcastle University
Loic De Carvalho	EBS	Valorisation of Seaweed By-Products During Alginate Production	Gordon McDougall	Heriot Watt
Luca Maria Scolari	CMS	Understanding the Mechanisms Controlling Crumbly Fruit in Raspberry	Julie Graham	Heriot-Watt
Lucy Greenfield	ES	Soil Protease: Bottleneck of the Terrestrial Nitrogen Cycle	Eric Paterson	Bangor
Lucy Sam	SEGS	An Investigation of Domestic Food Practices and Routines, and their Determinants	Tony Craig	Aberdeen
Lwiza Florence	SEGS	Economic Evaluation of Small Scale Biogas Digesters and Their Acceptability Amongst Rural Households in SSA	Jelte Harnmeiger	Makerere
Lydia Niemi	EBS	Assessment of the Degradation Pathway, Persistence and Eco-Toxicological Impacts of Human Pharmaceuticals to the Aquatic Environment	Zulin Zhang	Highlands & Islands (UHI)
Maiju Anneli Laurila	UoD	New Regulatory Mechanisms in the Plant-Pathogen Arms Race	Paul Birch	Dundee
Malika Mezeli	ES	In-Soil Trophic Interactions Between Plants, Rhizosphere Bacteria and Nematodes: Improving Availability of Soil Phosphorous	Tim George	Lancaster
Maria Margarida Espada	CMS	Functional Characterisation of Putative Effectors in Pinewood Nematode, <i>Bursaphelenchus Xylophilus</i>	John Jones	Evora
Maria Morera Margarit	ES	Do Bacterial Endosymbionts Influence Vine Weevil Pest Status and Control	Ali Karley	Harper Adams
Marian Melnykovich	SEGS	Socio-Ecological and Economic Indicators of the Development or Rural Communities in Mountains Area	Maria Nijnik	Ukraine
Mark Whitehead	ES	The Genetics of Optimal Aphid Control	Ali Karley	Liverpool
Marvin Rajan Beckert	ES	Manipulation of Black Carbon to Increase Soil Carbon Sequestration	Steve Chapman	Aberdeen

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Matthew Hooper	CMS	Re-Engineering the Tropane Alkaloid Pathway in Potato	Mark Taylor	Heriot Watt
Matthieu Glousieau	CMS	Structural Analysis of Viral Movement Proteins	Jens Tilsner	St Andrews
Mattihias Waibel	ES	Microbial Processes Mediating Priming Effects and the Coupling of C and N Cycling in Soil	Eric Paterson	Galway
Max Coulter	CMS	Identification of Candidates for Major Resistance Gene Rrs13 Against Rhynchosporium in Barley	Anna Avrova	Dundee
Megan Watson	SEGS	Barriers to improving levels of physical activity in families	Tony Craig	Aberdeen
Mercy Nyambura Kamau	EBS	Relationships Between Fertility, Nutrient Status and the Mineralogical Composition of Africa Soils: Method Development and Application of X-Ray Diffraction and Associated Instrumentation	Stephen Hillier	Nairobi
Michael Cummins	UoD	Mechanisms of Host Detection and Dynamic Adaptation in Phytophthora capsici	Edgar Huitema	Dundee
Mikel Arrieta Salgado	CMS	Control of Meiotic Recombination: From Arabidopsis to Crops	Luke Ramsay	Dundee
Mustafa Yassin	CMS	Benign Enhancement of Natural Defences: BEYOND	Adrian Newton	Sheffield
Natalja Kulagina	UoD	Rewiring the Nucleus Towards Plant Immunity	Edgar Huitema	Dundee
Naveed Bhatti	ES	Developing Monitoring Tools for Data Deficient Conservation Priority Lichen/Bryophyte Species	Ruth Mitchell	Aberdeen
Nia Gray	EBS	Surface Chemistry of Kaolin Clay Minerals and the Prediction of Soil Adsorption Properties	Stephen Hillier	Swansea
Nicholas Waters	ICS	Comparative Genomics of Naturalized Soil E. Coli Populations	Leighton Pritchard	Galway
Oana Iacob	UoD	Waterproof Plants: Linking Leaf Wax and Stomatal Pore Development in Barley	Iain Brown	Dundee
Patrizia Elena Vannucchi	ES	Developing Molecular Approaches to Elucidate the Ecology and Function of Oribatid Mite Communities	Helaina Black	Aberdeen
Peggy Ehrlich	ES	Host Identity and Climate as Determinants of Ectomycorrhizal Fungal Distribution in Scotland	Andy Taylor	Aberdeen

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Peter Orrell	ES	Linking Above and Below-Ground Interactions in Agro-Ecosystems: An Ecological Network Approach	Alison Bennett	Newcastle
Petra Lackova	SEGS	The Adaptive Management of Wildlife Conflicts	Justin Irvine	Aberdeen
Pi Uthaug Rasmussen	ES	The Impact of Habitat Fragmentation and Environmental Change on the Soil Community and its Consequences for Ecosystem Services	Alison Bennett	Stockholm
Pierre-Alain Van Griethuysen	CMS	Potential Influence on the Feeding Behaviour of Free Living Nematodes by the Viruses They Transmit	Stuart Macfarlane	York
Prakash Aryal	ES	Dig for Health: Wellbeing and Sustainability Through Community Gardening	Alison Hester	UHI
Rachel Creaney	SEGS	SHOW - Health Smart Homes for Older People's Wellbeing	Mags Currie	St Andrews
Rodney Lovie	SEGS	Community Perceptions of Landscapes and Cultural Heritage on the A9 Corridor	Anja Byg	UHI
Rodrigo Alegria Terrazas	ES	Exploiting Root-Microbiota Interactions for Sustainable Barley Production	Eric Paterson	Aberdeen
Rory McLeod	UoD	Omics-Enabled Detection and Studies of Phytophthora Capsici Disease in the Field	Edgar Huitema	Dundee
Rosie Broyd	ES	Impacts of Snow-Lie Duration on C Cycling in Oceanic Alpine Ecosystems	Andrea Britton	Lancaster
Ruth Hamilton	UoD	Genomic Selection for Accelerated Barley Breeding	Robbie Waugh	Dundee
Sally Mary Myles	UoD	Understanding How Plant Pathogens Cause Disease - Who Does What to Whom and Where?	Piers Helmsley	Dundee
Sam Gandy	ES	The Influence of Termites on the Supply of Ecosystem Services from Dryland Ecosystems	Helaina Black	Aberdeen
Samuel Poskitt	SEGS	Examining the Role of Scenario-Building Processes for Promoting Sustainable Resource Management	Kerry Waylen	Reading
Sara Gandy	ES	Biodiversity Impacts on Lyme Disease Risk and Pathogen Genomics	Lucy Gilbert	Glasgow
Sebastian Persch	ES	Root dynamics in different land use treatments on tropical peat (as part of the REDD-ALERT project)	Lorna Dawson	Goettingen
Senga Robertson	ES	Unravelling the Contribution of the Root Microbiota to Rhizosheath Formation and Functioning	Tim George	Dundee
Senna Middelveld	SEGS	A Sociology of Farm-level Animal Disease Awareness, Knowledge and Practices	Lee-Ann Sutherland	Aberdeen

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
Shan Liu	UoD	Characterization of an E3 SUMO Ligase Targeted by Pests and Pathogens	Jorunn Bos	Dundee
Shona Strachan	CMS	Combining Resistances to Potato Cyst Nematodes	Vivian Blok	St Andrews
Shumei Wang	CMS	Cell and Molecular Biology of Effector Trafficking Between Phytophthora Infestans and its Host Plants	Steve Whisson	Dundee
Siobhan Rosin Dancey	CMS	Improved Potato Late Blight Management Using Sophisticated Models of Pathogen Infection and Spread	David Cooke	Dundee
Solene Marion	ES	Human Disturbance and Habitat Use by Red Deer	Justin Irvine	St Andrews
Stefano Visentin	CMS	Restricting the Pathogenic Effect on Barley of the Endophytic Fungus Ramularia Collo-Cygni	Adrian Newton	Aarhus
Steven Lewis	EBS	The Biochar-Soil-Plant Interface, Probing the Potential for a Sustainable Phosphorous Fertiliser	Marc Stutter	Edinburgh
Stylianos Kyriakidis	CMS	Identifying the Nature and Extent of Gene Sequence Diversity in Wheat and Barley	Joanne Russell	Dundee
Sybillie Mittmann	CMS	Discovery of Novel Meiotic E3 Ubiquitin Ligase by Characterisation of the Barley Desynaptic Mutant des12.w	Isabelle Colas	Dundee
Thomas Inglis	EBS	Soil Biophysical Heterogeneity Impacts on the Transport and Fate of Pesticides	Zulin Zhang	Robert Gordon
Thomas Lemma Argaw	SEGS	Combining Datasets to Improve our Understanding of Adoption Decisions in Farm Households in Ethiopia	Deb Roberts	Aberdeen
Ulrike Gartner	CMS	Mapping, Characterization and Cloning of Solanum Tarijense Resistance to PCN Species Globodera Pallida	Glenn Bryan	St Andrews
Valeria Mazzola	ICS	Carbon and Greenhouse Gas Implications of Integrated Energy Security and Climate Change Mitigation Options for Scotland	Jagadeesh Yeluripati	Aberdeen
Valeria Orlando	ES	Infection of Potatoes by Root Lesion Nematodes	Roy Neilson	Harper Adams
Vincent Garin	ICS	Detection and Use of QTLs in Multi-Line Crosses	David Marshall	Wageningen
Wenbin Guo	ICS	Constructions of Regulatory Networks and Integration of Large Scale Experimental Data in Plants	Runxuan Zhang	Dundee

Full Name	Research Group	Project Title	Institute Supervisor	University of Registration
William Pelton	CMS	Controlling Dormancy and Sprouting in Potato and Onion	Glenn Bryan	Imperial College London
Yangminghao Liu	ES	Sensing Soil Processing for Improved Crop Nitrogen Bioavailability	Lionel Dupuy	Dundee
Yogendra Kumar Gairhe	CMS	Control of Cyst Nematodes by Characterisation and Manipulation of the Biosynthesis of the Egg Hatching Compounds	Wayne Morris	Southampton
Yuan Li	EBS	Can Low Cost Biosorbent Technology be use to Efficiently Remove Steroid Hormones and Pharmaceutical Residues from Wastewater Effluents?	Zulin Zhang	RGU