

Full Name	Research Group	Project Title	Main 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
Alison Martin	SEGS	Governance and Ownership in Rural Scotland and the Implications fo Rewilding	Anke Fischer	UHI
Alysha Knight	ES	The Roots of Soil and Food Security	Tim George	Aberdeen
Amy Claire Learmonth	UoD	Candidate Gene Analysis of Barley QTLs	Claire Halpin	Dundee
Andrea Baggio Compagnucci	ICS	Trade-Off Woodland Expansion Analysis in National Parks	Alessandro Gimona	Camerino
Andrew MacLaren	SEGS	What Rural About Rual Ageing? A Non-Representational Approach	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
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
Araceli Torro-Galiana	CMS	Applications of Machine Learning to Identify Drivers of Phytophthora Infestans Population Diversity	Peter Skelsey	Dundee
Ashley Gorman	ES	Understanding Seed-Soil Adhesion by Myxospermous Seeds and Their Biophysical Function in Agroecosystems	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
Avery Pennington	ES	Toward an Image Analysis Pipeline for Rapid Phenotyping of Soil-Grown Root Systems	Glyn Bengough	Dundee
Azlina Bahari	ICS	Approaches to Understanding Diversity in Rubber and Carotenoid Synthesis in Hevea Brasiliensis Latex'	David Marshall	Dundee
Bas Buddendorf	EBS	Multiscale Modelling to Assess Impacts on Flows and Ecology in Regulated Rivers	Mark Wilkinson	Aberdeen
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

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Carinna Baird	ES	Micro-Scale Spatial Organisation of Microbial Denitrification and its Implications for Greenhouse Gas Emission	Tim Daniell	Edinburgh
Carolin Vorstius	ICS	Safeguarding and Improving Raw Water Quality by Increasing Catchment Resilience	Iain Brown	Dundee
Charlotte Hall	ICS	The Climate Consequences of Delivering Food Security	Robin Matthews	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 Leybourne	CMS	Exploiting Molecular Aphid Plant Interactions for Improved Aphid Control Under Climate Change	Ali Karley	Dundee
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
Desire Macheda	ES	Does Plant Osmotic Stress Alter Microbe-Induces Resistance to Aphids in Solanum?	Ali Karley	Newcastle
Dorien Vanhees	ES	Pathways to Deeper Rooted Crops	Glyn Bengough	Nottingham
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 Pritchard	St Andrews
Elliot Hill	ES	Identification of Key Factors Determining the Outcome of Competition for Organic N in the Rhizosphere	Eric Paterson	Bangor
Elliot Hurst	SEGS	Adaptive Engineering Solutions to Water Abstraction and Control for Developing Countries	Rowan Ellis	Stirling
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	Perspectives on the Conservation and Restoration of Native Wild Legumes: The Biology and Ecology of Astragalus, Oxytropis and Lathyrus Species as Models	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
Florian Payen	ICS	Exploring Technical, Economic and Behavioural Barriers to Global Soil Carbon Sequestration	Matt Aitkenhead	Edinburgh
Fortune Gomo	ICS	Supporting Better Decisions Across the Nexus of Water-Energy-Food Challenges	Kit MacLeod	Dundee

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Francesc Ferrando-Molina	ES	Developing Novel Seed Treatments for Grain Legumes: Optimising Sustainable Outcomes in Agricultural Systems	Pete Iannetta	Stirling
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	The Application of Digital Soil Mapping to Improve the Resolution of National Soil Properties Across Great Britain	Helaina Black	Cranfield
Guillermo Gimenez Garcia	CMS	Regulation of (1, 3; 1,4)-beta-glucan (MLG) Synthesis in Barley	Kelly Houston	Dundee
Imelda Uwase	ES	Impacts of Maize-Legume Intercropping on Rhizosphere C: N: P Stiochiometry and Nutrient Availability	Tim George	Edinburgh
Irma Arts	SEGS	Digital Technologies and Human-Nature Interactions - The User's Perspective	Anke Fischer	Aberdeen
James Price	CMS	Investigating the Activation and Infection of the Potato Cyst Nematode	John Jones	St Andrews
James Reily	ICS	An Agent Based Modelling Approach Exploring Global Land Use Scenarios for Sustainable Intensification (ABM-GLUSSI)	Robin Matthews	Aberdeen
Jamie Douglas Rupert Harrower	EBS	Occurance of Antibiotics Implicated in Antimicrobial Resistance in the Aquatic Environment and the Determination of Compound Fate Using Fugacity Modelling Techniques	Zulin Zhang	Glasgow Caledonian
Jamie Orr	CMS	Interactions Between Pasteuria Species and 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
Jean-Noel Thauvin	CMS	Barley Resistance to Rhynchosporium: New Sources and Closely Linked Markers	Anna Avrova	Dundee
Jennifer Shoesmith	CMS	Regulation of Barley Architecture by HvAP2-Like Transcription Factors	Kelly Houston	Dundee
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 the UK Rural Uplands Include Prolonged Warm and Dry Periods	Mark Wilkinson	Aberdeen
Joel Forsmo	ICS	Using Ariel Imagery to Identify Multiple Functions and Services from Agricultural Systems	Kit Macleod	Exeter
Johannes Antenor Senn	ICS	Multi-Source Remote Sensing for Enhanced Flood Modelling	Pauline Miller	Newcastle
Jonathan Cope	CMS	Introgressing Resilience and Resource Use Efficiency Traits From Scots Bere to Elite Barley Lines (REBEL)	Adrian Newton	Aberdeen
Jonna Stiina Karolina Aitta	CMS	The Role of Light Signalling in Plant Immunity	Eleanor Gilroy	Glasgow
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

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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
Karen Hamman	ES	Business Management in a Transitory System and Pathways for More Sustainable Supply Chains - The Case of Legumes	Pete Iannetta	Dundee
Katarzyna Dkaybal-Lima	CMS	Characterisation of Potato Cyst Nematode Populations in Great Britain for Sustainable Crop Management	Vivian Blok	Harper Adams
Katy Wiltshire	EBS	Tracing the Origin of Sediments and C Across the Terrestrial-Aquatic Continuum: A Holistic Approach to Assess Climate Change and Water Quality Threats	Miriam Glendall	Cranfield
Katya Dimitrova Petrova	EBS	Can Novel COSMOS and Isotope Data be Integrated to Improve Hydrological Models/Predictions	Mark Wilkinson	Aberdeen
Kelsey Wilson	ES	Predicting Cascading Ecosystem Effects of Beavers on Riparian Vegetation and Deer	Glenn Iason	Stirling
Kerr Adams	EBS	The Scottish Water Landscape and Its Resilience to Change: An Assessment to Support Future Policy	Rachel Helliwell	Edinburgh
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	SEGS	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
Kyriakos Varypatakis	CMS	Identification of Avirulence Genes in Globodera Pallida as Tools for Assessing Durability of Resistance	John Jones	St Andrews
Leigh-Anne Kemp	ES	The Role of Soil Fertility in the Function of Mycorrhizal Associations	Andy Taylor	Lancaster
Licida Giuliani	ES	Does the Casparian Strip Influence Plant Root Biomechanics?	Ken Loades	Aberdeen
Lin Xu	UoD	Secretion and Delivery of Effectors from Phytophthora Infestans During Infection Process	Petra Boevink	Dundee
Linsey McLean	EBS	Considering a Holistic Approach to Quantifying Natural Flood Management in the United Kingdom	Mark Wilkinson	Herriot Watt
Linsun Liu	UoD	Mechanisms Underlying Variation in Barley Hull Adhesion	Sarah McKim	Dundee
Lisa Malm	ES	The Impacts of Habitat Modification on Avian Food Web Structure and Resilience	Alison Karley	Newcastle
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
Lucille Groult	ICS	Socio-Legal Responses to the Challenges of Contaminants of Emerging Concern	Rupert Hough	Dundee
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

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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 Morera Margarit	ES	Do Bacterial Endosymbionts Influence Vine Weevil Pest Status and Control	Ali Karley	Harper Adams
Mariana Melnykovich	SEGS	Socio-Ecological and Economic Indicators of the Development of Rural Communities in Mountains Area	Maira Nijnik	Ukraine
Mark Whitehead	ES	The Genetics of Optimal Aphid Control	Ali Karley	Liverpool
Mark Williamson	ICS	What Makes Some Species Highly Invasive? An Experimental Study in the Major Crop Pest Arionid Slugs	Leighton Pritchard	Aberdeen
Marvin Rajan Beckert	ES	Fractionation Methods to Estimate the Carbon Sequestration Potential of Highly Organic Soils Impacted by Regular Burning	Steve Chapman	Aberdeen
Matthew Hooper	CMS	Re-Engineering the Tropane Alkaloid Biosynthesis Pathway in Potato	Mark Taylor	Heriot Watt
Matthieu Glousieau	CMS	Structural Analysis of Viral Movement Proteins	Jens Tilsner	Aberdeen
Mattihas 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 Candidate Resistance Genes Against Rhynchosporium in Barley	Anna Avrova	Dundee
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	Influence of Temperature Stress on Recombination in Barley	Luke Ramsay	Dundee
Mustafa Yassin	CMS	Benign Enhancement of Natural Defences: BEYOND	Adrian Newton	Sheffield
Natalie Davis	ICS	Resource Distribution Networks in Nature and Society	Gary Polhill	Lancaster
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
Oliver Johannes Zwirner	SEGS	Natural Capital Accounting: Distribution of Benefits	Kirsty Blackstock	Leeds
Petra Lackova	ES	The Adaptive Management of Wildlife Conflicts	Antonia Eastwood	Aberdeen
Pi Uthaug Rasmussen	ES	The Impact of Dispersal and the Environment on a Plant-Associated Soil Community and Its Consequences for the Aboveground Community	Alison Bennett	Stockholm

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Pierre Louis Daniel	SEGS	The Contemporary Rural Gentry and Processes of Rural Gentrification in England and Scotland	Lee-Ann Sutherland	Leicester
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	Mags Currie	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	St Andrews
Sara Gandy	ES	Biodiversity Impacts on Lyme Disease Risk and Pathogen Genomics	Scott Newey	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	Sheep Scab in Scotland: An Exploration of Multiple Disease Situations	Lee-Ann Sutherland	Aberdeen
Shan Liu	UoD	Characterization of an E3 SUMO Ligase Targeted by Pests and Pathogens	Jorunn Bos	Dundee
Shona Strachan	CMS	Characterisation of the Potato H2 Resistance Gene Against Globodera Pallida	Vivian Blok	St Andrews
Shumei Wang	UoD	Cell and Molecular Biology of Effector Trafficking Between Phytophthora Infestans and its Host Plants	Steve Whisson	Dundee
Solene Marion	ES	Human Disturbance and Habitat Use by Red Deer	Justin Irvine	St Andrews
Stacey Marko	SEGS	The Right to Play - A Comparison of Rural and Urban Outdoor Play Opportunities, Environments and Experiences	Kathryn Colley	Heriot Watt
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
Sughayshinie Samba Sibam	EBS	Epidemiology of Private Drinking Water Supplies in Scotland	Lisa Avery	Aberdeen
Thomas Inglis	EBS	Soil Biophysical Heterogeneity Impacts on the Transport and Fate of Pesticides	Zulin Zhang	Robert Gordon

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Thomas Lemma Argaw	SEGS	Combiining Datasets to Improve our Understanding of Adoption Decisions in Farm Households in Ethiopia	Deb Roberts	Aberdeen
Trisha McAllister	UoD	Get a Grip - Mechanisms Underlying Variation in Barley Hull Adhesion	Sarah McKim	Dundee
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	Glenn Bryan	Harper Adams
Willaim 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	UHI