

Full Name	Research Group	Project Title	Hutton 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
Alexander Williams	EBS	Antibiotic Resistance on the Farm: Evaluating the Risks to Soil, Crop and Human Health	Lisa Avery	Nottingham
Alicia Ann Farmer	CMS	Lettuce Downy Mildew - Bremia lactucae populations	Alison Lees	St Andrews
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
Andrea Baggio Compagnucci	ICS	Trade-Off Woodland Expansion Analysis in National Parks	Alessandro Gimona	Camerino
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"	Rob Brooker	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
Ashleigh MacDonald	CMS	Ozone Mediated Control of Food Spoilage and Food-Borne Pathogens	Nicola Holden	Oxford
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
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
Brezo Mateos	CMS	Mechanisims and Genetics of Dormancy Release in Raspberry	Julie Graham	St Andrews
Camilla Negri	EBS	Developing Risk Based Approaches to Modelling Phosphorus Contamination in Agricultural Catchments	Miriam Glendell	Reading
Carolyn Vorstius	ICS	Safeguarding and Improving Raw Water Quality by Increasing Catchment Resilience	Iain Brown	Dundee
Christopher McCloskey	ES	Measuring and Modelling Carbon Capture in Grassland Soil	Eric Paterson	Cranfield
Daire Carroll	ES	Microbial Establishment on Growing Rhizoplanes	Lionel Dupuy	Warwick
Darragh Murphy	EBS	Improving Water Quality and Biodiversity with Natural Water Retention Measures in Agricultural Catchments	Mark Wilkinson	Cork
David Burnett	CMS	Plant Virus-Based Multi-Enzyme Catalytic Nanoparticles	Jens Tilsner	St Andrews
Desire Macheda	ES	Does Plant Osmotic Stress Alter Microbe-Induces Resistance to Aphids in Solanum?	Ali Karley	Newcastle
Dewi Rys Owen	CMS	Establishing Drivers for the Generation and Transmission of Antimicrobial Resistance in the Food Chain	Nicola Holden	Edinburgh
Diana Tixi	ES	Pollinators, Floral Resource Biodiversity and Landscape Management	Graham Begg	Greenwich
Dorien Vanhees	ES	Pathways to Deeper Rooted Crops	Glyn Bengough	Nottingham
Edward Baxter	ES	Conservation at the Crop Edge	Geoff Squire	Harper Adams
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
Esther Carmen	SEGS	Social Capital and Resilience to Natural Health	Katrin Prager	Dundee
Eva Christine Loerke	EBS	UAV Thermal Remote Sensing for Assessing River Temperature	Ina Pohle	Aberdeen
Fiona Plenderleith	ES	The Consequences of Tree Diseases and Mitigation Options on Connectivity for Biodiversity	Ruth Mitchell	Aberdeen
Florian Payen	ICS	Exploring Technical, Economic and Behavioural Barriers to Global Soil Carbon Sequestration	Matt Aitkenhead	Edinburgh
Francesc Ferrando-Molina	ES	Developing Novel Seed Treatments for Grain Legumes: Optimising Sustainable Outcomes in Agricultural Systems	Pete Iannetta	Stirling
Francesco Civita	ICS	Applications of Machine Learning to Precision Potato Blackleg Prediction	Peter Skelsey	Dundee
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

Gillian Hayley Donaldson-Selby	ICS	Modelling the Projected Water Balance and Outflow at a Catchment Scale from a Restored Peatland	Rebekka Artz	UWE Bristol
Girma Fana Dinsa	UoD	Understanding and Improving Grain Traits in the Locally Adapted Ethiopian Barley Gene Pool	Joanne Russell	Dundee
Grace Wardell	ES	The Ecological Implications of Agricultural Probiotics on the Local Soil Microbiome	Euan James	Sheffield
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	Dominic Duckett	Aberdeen
James Reilly	ICS	An Agent Based Modelling Approach Exploring the Effects of Arable Intensification and Dietary Change on Land Use at the National Scale	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
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	Joanne Russell	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	Eulyn Pagaling	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 McLeod	Exeter
Johannes Antenor Senn	ICS	Multi-Source Remote Sensing for Enhanced Flood Modelling	Stephen Addy	Newcastle
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
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
Julze Alejandre	SEGS	Blue-Green Prescribing for a Healthier Population and a Healthier Water Environment	Katherine Irvine	Glasgow Caledonian
Karen Hamman	ES	Business Management in a Transitory System and Pathways for More Sustainable Supply Chains - The Case of Legumes	Pete Iannetta	Dundee
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
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
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
Linda Toca	ES	Assessing Drought Resilience of Restored Peatlands Using Combined Optical and Microwave Satellite Data	Alessandro Gimona	Reading
Linsun Liu	UoD	Mechanisms Underlying Variation in Barley Hull Adhesion	Sarah McKim	Dundee
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
Luke Harrold	ES	The Interactions of Plant, Microbial and Physico-Chemical Controls on Carbon and Nutrient Cycling in the Rhizosphere	Eric Paterson	Aberdeen

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)
Malika Mezeli	ES	In-Soil Trophic Interactions Between Plants, Rhizosphere Bacteria and Nematodes: Improving Plant Availability of Organic Phosphorous	Tim George	Lancaster
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
Marta Cattin	EBS	Optimising the Economic and Environmental Benefits of Anaerobic Digestion Within UK Agriculture	Marc Stutter	Lancaster
Mattihas Waibel	ES	Microbial Processes Mediating Priming Effects and the Coupling of C and N Cycling in Soil	Eric Paterson	Galway
Michael Cummins	UoD	Mechanisms of Host Detection and Dynamic Adaptation in Phytophthora Capsici	Edgar Huitema	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-Wanell	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
Noemi Naszarkowski	ES	Wildfire Impacts on Biodiversity and Natural Capital	Robin Pakeman	Aberdeen
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
Pia Laue	EBS	Achieving Flood Reduction with Natural Water Retention Measures in Agricultural Catchments	Mark Wilkinson	Trinity College, Dublin
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
Rachel Creaney	SEGS	SHOW - Health Smart Homes for Older People's Wellbeing	Mags Currie	St Andrews
Raisa Osama	CMS	Role of Auxin in Phytophthora Root Rot Disease Development in Soft Fruit	Ellie Gilroy	Warwick
Rodney Lovie	SEGS	Community Perceptions of Landscapes and Cultural Heritage on the A9 Corridor	Anja Byg	UHI
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 Hemsley	Dundee
Sara Gandy	ES	Biodiversity Impacts on Lyme Disease Risk and Pathogen Genomics	Scott Newey	Glasgow
Shan Liu	UoD	Characterization of an E3 SUMO Ligase Targeted by Pests and Pathogens	Jorunn Bos	Dundee
Solene Marion	ES	Human Disturbance and Habitat Use by Red Deer	Justin Irvine	St Andrews
Sophia Puliassis	ICS	Novel Computational Method Development for Shotgun Proteomics	Runxuan Zhang	Dundee
Sorcha Kelly	ES	Linking Microbially Mediated Soil Organic Matter Turnover to Nitrogen Availability in Agricultural Soils	Eric Paterson	NUI Galway
Stacey Marko	SEGS	The Right to Play - A Comparison of Rural and Urban Outdoor Play Opportunities, Environments and Experiences	Kathryn Colley	Heriot Watt
Steven Lewis	EBS	The Biochar-Soil-Plant Interface, Probing the Potential for a Sustainable Phosphorous Fertiliser	Marc Stutter	Edinburgh
Stuart Ramage	EBS	Determining the Spatial and Temporal Distribution of Macro-and-Macro -Plastics in Soil and Their Impact on Soil Function	Eulyn Pagaling	RGU
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
Thomas Lemma Argaw	SEGS	Combining 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
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	Vivian Blok	Southampton