

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
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
Brezo Mateos	CMS	Mechanisms 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
Christopher McCloskey	ES	Measuring and Modelling Carbon Capture in Grassland Soil	Eric Paterson	Cranfield
Daire Carroll	ES	Microbial Establishment on Growing Rhizoplanes	Ashleigh Holmes	Warwick
Darragh Murphy	EBS	Improving Water Quality and Biodiversity with Natural Water Retention Measures in Agricultural Catchments	Mark Wilkinson	Cork
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
Edward Baxter	ES	Conservation at the Crop Edge	Geoff Squire	Harper Adams
Elliot Hurst	SEGS	Adaptive Engineering Solutions to Water Abstraction and Control for Developing Countries	Rowan Ellis	Stirling
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	Mark Wilkinson	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
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
Hamish Johnson	ICS	Groundwater and Nutrient Dynamics in Heterogeneous Agricultural Catchments	Mads Troldborg	Aberdeen
Imelda Uwase	ES	Impacts of Maize-Legume Intercropping on Rhizosphere C: N: P Stoichiometry and Nutrient Availability	Tim George	Edinburgh
Irma Arts	SEGS	Digital Technologies and Human-Nature Interactions - The User's Perspective	Dominic Duckett	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 Wardle	EBS	Resolving the Conflict Between Demands on Organic Wastes in Rural Ethiopia - Optimum Solutions for Food, Energy and Water Security	Eulyon Pagaling	Aberdeen
Jessica Fennell	EBS	Future Climate Projections for the UK Rural Uplands Include Prolonged Warm and Dry Periods	Mark Wilkinson	Aberdeen
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
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

Kara McHugh	UoD_CMS	Identificiation of De-S-Acylating Enzymes From Plants	Paul Birch	Dundee
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
Laura Pugh	UoD_CMS	Developing Single Cell Transcriptomics Protocols and Computational Tools to Analyse Cereal Tissues in Barley	Sarah McKim	Dundee
Laura Roehrig	CMS	Understanding the Genetic Basis of Ramularia Disease Resistance to Barley	Joanne Russell	Edinburgh
Leigh-Anne Kemp	ES	The Role of Soil Fertility in the Function of Mycorrhizal Associations	Andy Taylor	Lancaster
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
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
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
Martyn Roberts	EBS	The Role of Place and Scale on Effectiveness of Temporary Storage Areas for Surface Runoff Attenuation	Mark Wilkinson	Aberdeen
Mattias 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
Moray Smith	CMS	Resistance in Crop Roots: Functional Analysis of the H2 Mediated Response to Nematodes	Ingo Hein	St Andrews
Mustafa Yasin	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 Halloysite Nanotubes, as Investigated by Adsorption Reactions and Imaging Analysis	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
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
Rebekah Hinton	ICS	Status of Malawi's Water and Land Resources: To Aid policy and Donor Decisions (SMAWaL)	Kit MacLeod	Strathclyde
Rodney Lovie	SEGS	Community Perceptions of Landscapes and Cultural Heritage on the A9 Corridor	Anja Byg	UHI
Rosalind Corbett	SEGS	The Role of Community Landownership in Increasing Access to Land for New Entrants to Agriculture in Scotland	Annie McKee	Aberdeen
Rujuta Dillip Nalavade	ICS	The Potential Impact of Zero Budget Natural Farming in India on Food Availability	Jagadeesh Yeluripati	Aberdeen
Sally Mary Myles	UoD	Understanding How Plant Pathogens Cause Disease - Who Does What to Whom and Where?	Piers Hemsley	Dundee
Sayali Pawar	SEGS	Future Proofing Scotland's Water Security: Delivering Safe and Resilient Water Supplies	Miriam Glendall	Dundee
Shan Liu	UoD	Characterization of an E3 SUMO Ligase Targeted by Pests and Pathogens	Jorunn Bos	Dundee
Silu Li	UoD_CMS	S-Acylation Mediated Regulation of Plant Development Through BRI1	Paul Birch	Dundee
Solene Marion	ES	Human Disturbance and Habitat Use by Red Deer	Justin Irvine	St Andrews
Sophia Puliasis	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	Livelihood and Resource Use Decisions in Ethiopian Farm Households	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	Roy Neilson	Harper Adams
Viktoria Mueller	EBS	Determination of Fluorinated Organic Compounds in Sewage Water and Sludge and its Uptake into Plants by Using a Novel Non-Targeted Fluorine Specific Detection	Andy Kindness	Graz
Yangminghao	ES	Plant Root Imaging Project for SENSOLS	Tim George	Dundee
Yogendra Kumar Gairhe	CMS	Control of Cyst Nematodes by Characterisation and Manipulation of the Biosynthesis of the Egg Hatching Compounds	Vivian Blok	Southampton
Zoe Kathleen Barr	UoD_CMS	Regulation of Plant Cell-to-Cell Communication	Kit McLeod	St Andrews