

## Collaboration for SDG best practice

| Name                 | Discipline                    | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence  |
|----------------------|-------------------------------|------------------------------|----------------|-------------------------------------|---|---|
| Mohamed Abdalla      | Biological Sciences           |                              | 2, 13          | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>working/collaborating on different national, European and international projects to conduct interdisciplinary research studies/modelling on greenhouse gas emissions from soil, carbon and N biogeochemistry, land-use change, sustainability and climate change mitigation and adaptation.</li> <li>collaborating with the Greenhouse gas Research groups in Trinity College Dublin, University College Dublin and Teagasc in Ireland</li> <li>extensive experiences in measuring, monitoring, accounting, reporting and modelling greenhouse gas emissions, soil carbon sequestration, climate change mitigation and adaptation, land-use planning and nutrient management to achieve agricultural sustainability</li> </ul> |   |
| Mohamed Abdel-Fattah | Applied Health Sciences       |                              | 3              | Collaboration for SDG best practice | <p><b>The CATHETER II study (NIHR Program - Chief Investigator):</b> Randomised Controlled Trial Comparing THE Clinical And Cost-Effectiveness Of Various Washout Policies Versus No Washout Policy In Preventing Catheter Associated Complications In Adults Living With Long-Term Catheters. 2018-2023</p> <p><b>FUTURE RCT (NIHR Program – Chief Investigator):</b> Female Urgency, Trial of Urodynamics as Routine Evaluation (FUTURE study); a superiority randomised clinical trial to evaluate the effectiveness and cost effectiveness of invasive urodynamic investigations in management of women with refractory overactive bladder symptoms– HTA Funded; May 2017 – 2022</p>  | <p><a href="https://w3.abdn.ac.uk/hsru/CatheterII/Public/index.cshhtml">https://w3.abdn.ac.uk/hsru/CatheterII/Public/index.cshhtml</a></p> <p><a href="https://w3.abdn.ac.uk/HSRU/CHART/public/TrialDetails.aspx?page=current-trials&amp;tid=82">https://w3.abdn.ac.uk/HSRU/CHART/public/TrialDetails.aspx?page=current-trials&amp;tid=82</a></p> |
| Rosalind Adam        | Applied Health Sciences       |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Phase II double-blind randomised controlled trial of exogenous administration of melatonin in chronic pain (DREAM—CP)</li> <li>Improving the patient-pharmacist interaction: A new approach to help patients make informed pain management decisions</li> <li>Developing digital educational interventions to improve pain management in individuals with advanced cancer (Dana Faber Cancer Institute, Boston)</li> <li>Scottish Senior Clinical Academic Fellowship focussed on improving cancer survivorship care through the development of theory-based, tailored eHealth interventions</li> </ul>  |   |
| Alison Avenell       | Health Services Research Unit |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Evaluating the behavioural intervention, organisational and health economic evidence base for adult obesity management</li> </ul> <p><a href="https://www.abdn.ac.uk/hsru/what-we-">https://www.abdn.ac.uk/hsru/what-we-</a></p>   |   |

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|                |                                  |                              |                |                                     | <p><a href="https://www.abdn.ac.uk/hsru/what-we-do/research/projects/behavioural-organisational-economics-evidence-base-337.php">do/research/projects/behavioural-organisational-economics-evidence-base-337.php</a></p> <ul style="list-style-type: none"> <li>• Systematic review and integrated report on the quantitative, qualitative and economic evidence base for the management of severe obesity (REBALANCE) <a href="https://www.abdn.ac.uk/hsru/what-we-do/research/projects/rebalance-373.php">https://www.abdn.ac.uk/hsru/what-we-do/research/projects/rebalance-373.php</a></li> <li>• Systematic reviews of selected nutritional supplementation interventions <a href="https://www.abdn.ac.uk/hsru/what-we-do/research/projects/systematic-reviews-nutritional-supplementation-511.php">https://www.abdn.ac.uk/hsru/what-we-do/research/projects/systematic-reviews-nutritional-supplementation-511.php</a></li> </ul>  |   |
| Michael Beaney | Divinity, History and Philosophy |                              | 17             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Michael Beaney was elected in 2020 as President of the Society for the Study of the History of Analytical Philosophy (SSHAP), an international organization aimed at promoting discussion in all areas of scholarship concerning the development of philosophical logic, philosophy of language, the philosophy of mind, metaphysics, the philosophy of science and epistemology</li> </ul>   | <p><a href="http://sshap.org/about/">http://sshap.org/about/</a></p> <p><a href="https://www.abdn.ac.uk/news/15240/">https://www.abdn.ac.uk/news/15240/</a></p>   |
| Keith Bender   | Economics                        |                              | 8              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member of the Centre for European Labour Market Research (CELMR) <a href="https://www.abdn.ac.uk/business/research/celmr-82.php">https://www.abdn.ac.uk/business/research/celmr-82.php</a></li> <li>• Member of Scottish Experimental Economics Laboratory (SEEL). <a href="https://www.abdn.ac.uk/business/research/scottish-experimental-economics-laboratory-seel-277.php">https://www.abdn.ac.uk/business/research/scottish-experimental-economics-laboratory-seel-277.php</a></li> <li>• Since 2021 working with 'Futurum Careers' to translate research into secondary and college teaching resources as part of a longer running ESRC project with colleagues in Economics and Health Psychology</li> </ul>  |   |
| Kate Britton   | Archaeology                      |                              | 11,13          | Collaboration for SDG best practice | <p>The University of Aberdeen Department of Archaeology is partnering with the village corporation Qanirtuuq, Inc. and the Yup'ik village of Quinhagak on this large-scale archaeological project. The site has been researched since 2009, and previous years' excavation has revealed a multi-period pre-contact village dating between 14th and 18th century. Due to permafrost the level of preservation is extraordinary, and the archaeological collection after five seasons of excavation are now one of the largest ever recovered from Alaska. One of the aims of the project is to Create new educational and economic opportunities for the people of Quinhagak and surrounding region. Nunalleq: New Narratives from 'The Old Village' Coastal erosion is now also rapidly exposing ancestral settlements, rendering the archaeological record both a casualty of modern climate change and a potential tool for the mediation of some of its effects. Nunalleq is the focus of the first and only large-scale community archaeology project ever undertaken in a region nearly the size of the UK, funded by a major AHRC Care for the Future grant.</p> | <p><a href="https://www.abdn.ac.uk/geosciences/departments/archaeology/archaeological-field-school-in-quinhagak-alaska-281.php#panel283">https://www.abdn.ac.uk/geosciences/departments/archaeology/archaeological-field-school-in-quinhagak-alaska-281.php#panel283</a></p> <p><a href="https://ahrc.ukri.org/research/readwatchlist/en/imagegallery/nunalleq-new-narratives-from-the-old-village/">https://ahrc.ukri.org/research/readwatchlist/en/imagegallery/nunalleq-new-narratives-from-the-old-village/</a></p> |

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| Abbe Brown    | Law                 |                              | 14, 16         | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Chair of the British and Irish Law Education and Technology Association (<a href="#">BILETA</a>) and is an NERC Constructing a Digital Environment <a href="#">Senior Expert</a>.</li> <li>maintains links with the legal profession and industry and is involved in public engagement activities.</li> </ul>   |          |
| Michael Brown | History             | Jackson Armstrong            | 11             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Co-founder (with Dr Jackson Armstrong) of the <a href="#">Aberdeen Humanities Fund</a>, created in 2012 to seek philanthropic support for research conducted on the university collections. Professor Brown serves on its academic board.</li> <li>Fellow of the Royal Historical Society, and a member of the Advisory Committee for the <i>International Review of Scottish Studies</i>.</li> </ul>   |          |
| David Burslem | Biological Sciences |                              | 6, 15          | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>SEEING THE FRUIT FOR THE TREES IN BORNEO: RESPONDING TO AN UNPREDICTABLE COMMUNITY-LEVEL FRUITING EVENT, Burslem, D. NERC: 2019-2020</li> <li>A 3D PERSPECTIVE ON THE EFFECTS OF TOPOGRAPHY AND WIND ON FOREST HEIGHT AND DYNAMICS, Burslem, D. NERC: 2019-2022</li> <li>THE ROLE OF PLANT-SOIL FEEDBACK EFFECTS IN DETERMINING TREE SPECIES RANGE SIZES (APPLICATION FOR XUBING LIU), Burslem, D. ROYAL SOCIETY: 2020-2022</li> <li>OPTIMISING THE LONG TERM MANAGEMENT OF INVASIVE SPECIES AFFECTING BIODIVERSITY AND THE RURAL ECONOMY USING ADAPTIVE MANAGEMENT, Lambin, X., Burslem, D., Cornulier, T., Phimister, E. &amp; Travis, J. NERC: 2019-2022</li> <li>RESOLVING TRADE-OFFS FOR RESILIENT FOREST LANDSCAPE RESTORATION IN SOUTHEAST ASIA: MANAGING FOREST GENETIC RESOURCES FOR SEED SUPPLY AND NATURAL REGENERATION (STUDENTSHIP FOR TANIA KANCHANARAK), Burslem, D. BIOVERSITY INTERNATIONAL 2018-2021</li> <li>CONSERVATION MAPPING FOR NEW PROTECTED AREAS OF SABAH, Burslem, D. SOUTH EAST ASIA RAINFOREST RESEARCH PARTNERSHIP: 2017-2020</li> <li>BIODIVERISTY AND LAND-USE IMPACTS ON TROPICAL ECOSYSTEM FUNCTION (BALI) Burslem, D. &amp; Smith, P. NERC: 2013-2019</li> </ul> |          |
| Jing Cai      | Business Management |                              | 9              | Collaboration for SDG best practice | <p><b>corporate governance, firm technology management, firm dynamic capability and technology strategies:</b> built upon two frameworks, one for measuring static and dynamic technological capability in developing countries, one for predicting the effects on this of finance and corporate governance characteristics and applies them together to Chinese mobile telecommunications manufacturing. The influence of these two technology</p>  |          |

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|              |            |                              |                |                                     | <p>strategies on firms' dynamic technological capability is also examined in the Chinese automobile industry.</p> <p><b>network embeddedness, innovation strategies and firm performance.</b> built upon open innovation and network theories, it looks at firm's engagement with suppliers, customers and technical partners and how has this engagement influenced firm's initiative to prioritize innovation in its strategy making and consequently firm business performance.</p> <p><b>Technology adoption:</b> explores main stages of technology adoption process and key factors that determine adoption success. Currently two PhD programmes are undertaking around this theme: adoption of e-payment system by Nigerian SEMs, and IT adoption by the Malaysian Education sector</p> <p><b>New product/service development:</b> new product or service design tools and methods which can be used to improve design quality. Two research projects are around this theme: 1) How to redesign clinical trials from a business perspective in order to improve trial quality and efficiency? 2) How to use social media tools to identify customers' hidden demands?</p> <p>main collaborations include:<br/> Prof. Andrew Tylecote, The University of Sheffield, Management School;<br/> Prof. Shaun Treweek, The University of Aberdeen, Health Sciences<br/> Dr. Xuefeng Liu, Xiamen University, Management School;<br/> Dr. Raluca Bunduchi, Edinburgh University, Business School;<br/> Dr. Alision Smart, Glasgow University, Adam Smith Business School;<br/> Dr. Jiajia Liu, The University of Manchester, Manchester Business School</p> |          |
| Ilona Cairns | Law        |                              | 5              | Collaboration for SDG best practice | <p>Ilona is Co-Director of the Law School's <a href="#">Centre for Scots Law</a>.</p> <p>Ilona's research focuses mainly on the regulation and reform of the law relating to sexual offences and domestic abuse. She is particularly interested in these issues from an evidential standpoint and several of her publications relate to the Scottish corroboration rule, sexual offences and domestic abuse. Ilona recently re-wrote the case of Smith v Lees as part of the <a href="#">Scottish Feminist Judgments Project</a> and is currently undertaking a comprehensive analysis, partially funded by the Carnegie Trust, of recent developments in the interpretation of the corroboration rule. Her most recent work explores the application of the Moorov doctrine in the context of proving the new Scottish</p>  |          |

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|                       |                         |                              |                |                                     | offence of domestic abuse   |          |
| Jean-Christophe Comte | Geography & Environment |                              | 6, 15          | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member of the International Association of Hydrogeologists (IAH), the French Committee of Hydrogeology of the IAH (CFH), the American Geophysical Union (AGU) and the European Geosciences Union (EGU); Fellow of the Royal Geographical Society (RGS)</li> <li>• <b>GCRF/Scottish Funding Council Covid-19 Response Research Grant</b> - COVID-19 and water security in the world's largest refugee camp: can groundwater development safely meet the increased water demand to fight COVID-19 in Cox's Bazar, Bangladesh? (2020-2021). PI.</li> <li>• <b>World Bank/AURECON applied research grant</b> - Groundwater numerical modelling in support of strengthening of water resources planning, monitoring and management in Kenya (2018-2020). PI.</li> <li>• <b>AHRC/GCRF/University of Nottingham Research Grant</b> - Kisima project: Historical and future groundwater well management on Kilwa Kisiwani island, Tanzania (2019-2020). Co-I.</li> <li>• <b>Royal Society Newton International Fellowship</b> (Dr Andres Gonzalez Quiros) - Monitoring and coupled hydrogeophysical modelling of saltwater intrusion in heterogeneous coastal aquifers (2019-2021).</li> <li>• <b>NERC/DFID Research Grant</b> [<a href="#">NE/S005943/1</a>] - SHEAR Programme: Connect4 water resilience: connecting water resources, communities, drought and flood hazards, and governance across 4 countries in the Limpopo basin (2018-2020). PI. A flagship of DFID/FCDO's SHEAR programme, bringing together a multidisciplinary team of hydrologists and sociologists from academia, policy and practice to investigate the physical and societal factors affecting vulnerability and resilience to drought and floods in 4 countries of the LRB</li> <li>• <b>United Utilities Water/Environmental Agency applied research grant</b> - Understanding stream-aquifer interactions and their influence on flow regimes and fluvial processes in a newly restored ephemeral stream (2017-2022). Co-PI.</li> </ul> |          |
| Caitlin Cottrill      | Engineering             |                              | 9, 11          | Collaboration for SDG best practice | Dr Cottrill's primary research interests span the interrelated topics of transport, individual behaviour, technology and data, linked by an underlying commitment to encouraging inclusive, sustainable and efficient mobility. Her work has a strong focus in the support of public and active transport modes, especially for vulnerable and under-served users. In addition, she has developed work in facilitating data sharing between transport service providers and travellers in a privacy-preserving manner, in order to encourage better decision-making. Application areas for these interests include emerging topics such as intelligent mobility, Mobility as a Service (MaaS), and smart  |          |

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|                           |                         |                              |                |                                     | <p>cities. She has, additionally, worked to ensure that this research takes place in a multidisciplinary context, with collaborators from the areas of computing science, engineering, statistics, and information sciences</p> <p>Current Projects:</p> <ul style="list-style-type: none"> <li>• INCLUSION - Co-Investigator on EU Horizon 2020 funded project.</li> <li>• PORTIS - Co-Investigator on EU Horizon 2020 funded project.</li> <li>• Realising Accountable Intelligent Systems (RAINs) - Co-Investigator on EPSRC-funded project.</li> </ul>  |   |
| Lucia D'Ambruoso          | Applied Health Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Abbott P (PI), <u>D'Ambruoso L (Co-I)</u>. Strengthening health care systems in Rwanda and Ethiopia to provide care in the community. GCRF Internal Pump Priming Fund (IPPF) 2020</li> <li>• <u>D'Ambruoso L (PI)</u>, Black C (Co-I); Van Der Merwe M (Co-I); Mdluli D (Co-I) Schneider H (Co-I); Witter S (Co-I). Developing learning health systems in South Africa: building interdisciplinary capacity for evidence-based decision-making and health systems strengthening to improve care and outcomes GCRF Internal Pump Priming Fund (IPPF) 2019-2020</li> <li>• <u>D'Ambruoso L (PI)</u>, Byass P (PI). Extending the sustainability and transferability of people-centred health systems research. Wellcome Trust Institutional Strategic Support Fund (ISSF) 2019 -2020</li> <li>• <u>D'Ambruoso L (PI)</u>, Byass P (PI). Extending verbal autopsy: developing routine field surveillance methods to measure and understand burden of disease in low and middle income countries. REF2021 Impact Support Award 2019</li> <li>• Loewenson R (PI), <u>D'Ambruoso L (Co-I)</u>. Fostering policy support for child and family wellbeing - Learning from international experience. Robert Wood Johnson Foundation 2018 - 2020</li> <li>• 2015 - date Trustee Naretu Girls and Women Empowerment Programme, Kenya</li> <li>• 2017 – date Organising Committee Member Royal College of Physicians of Edinburgh (RCPE)</li> </ul> |   |
| Kirsten Darling-McQuistan | Education               |                              | 4              | Collaboration for SDG best practice | Initial Teacher Education in Scotland: Mapping Inclusive Pedagogy: Scottish Educational Research Association (SERA) Annual Conference 2019: Creative Visions for Educational Futures  | <a href="https://www.sera.ac.uk/">https://www.sera.ac.uk/</a> |
| Mirela Delibegovic        | Medical Science         |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• <b>Chief Scientist Office (2020)</b>: Rapid Research in Covid-19 programme (RARC-19 programme) (2020): Development of sensitive, rapid and high-throughput antibody assays for COVID-19; Principal Investigator (co-PI: Vertebrate Antibodies Ltd, NHS Grampian)</li> </ul>  |   |

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|                |            |                              |                |                                     | <ul style="list-style-type: none"> <li>• <a href="#">British Heart Foundation Project Grant</a> (2020-2023); The FPR2 ligand W-peptide: A new therapeutic approach to treat atherosclerosis. Co-PI (PI: Dr Dawn Thompson)</li> <li>• <a href="#">Medical Research Scotland PhD studentship (2019-2023)</a>: Principal Investigator (with Dr Heather Wilson as co-PI and Dr Denis Feliers, AstraZeneca industrial partnership).</li> <li>• <b>Cohen Global Pharmaceuticals: Commercial Project (2018-2021)</b>: Principal Investigator; Commercial project</li> <li>• <a href="#">Diabetes UK Project Grant</a> (2018-2021) "Inhibitin of macrophage PTP1B as a novel therapy for improved wound healing in diabetes" Principal Investigator (co-PI: Carvalho E., Wilson, H. M., Rajnicek, A. M.)</li> <li>• <a href="#">Tenovus Scotland</a> (2018-2021): Characterising the role of FGF21 in hepatocarcinogenesis in humans; Co-PI (PI: Fiona Clegg; co-PIs: Graeme Murray, Mairi McLean)</li> <li>• <a href="#">Alzheimer's Research UK</a> Major Project Grant (2017-2021) "Neruronal hBACE1: the link between Alzheimer's disease and diabetes" Co-applicant (PI: Platt, B., co-PI: Riedel, G.)</li> <li>• <a href="#">British Heart Foundation Project Grant</a> (2017-2020): "Synthetic derivatives of Fenretinide: a novel approach to prevent lipotoxicity, insulin resistance and vascular endothelial dysfunction" Co-applicant (PI: Dr Nimesh Mody; co-PI: Prof Matteo Zanda).</li> <li>• <a href="#">British Heart Foundation PhD studentship (2016-2019)</a>: "The regulation of phosphoprotein enriched in astrocytes-15 in vascular smooth muscle cells". <i>Co-applicant</i> (PI: Prof Graeme Nixon)</li> </ul> |   |
| Baukje de Roos | Rowett     |                              | 3              | Collaboration for SDG best practice | <p>Seafood and human health</p> <ul style="list-style-type: none"> <li>• Investigating the effects of traditional versus sustainable feeding regimes of farmed salmon on heart health, micronutrient status, inflammation, oxidative stress and gut health in the Scottish population (Scottish Government Rural and Environment Science and Analytical Services)</li> <li>• Development of a metric for assessing the impacts on nutrition and health of agroecosystems producing farmed seafood (Immana)</li> <li>• Strategies to balance enhanced fish consumption with sustainable fish production (BBSRC)</li> </ul> <p>Modelling healthy, sustainable and affordable diets</p> <ul style="list-style-type: none"> <li>• Modelling foods/drinks that drive healthiness, carbon footprint and costs within UK diets to identify 'food switches' in real-time UK diets (Scottish Government Rural and Environment Science and Analytical Services)</li> </ul> <p>Precision nutrition</p>   | <a href="https://www.stir.ac.uk/about/faculties-and-services/natural-sciences/aquaculture/research/aquaculture-research-projects/metric-for-aquaculture-nutritional-impact-for-girls/">https://www.stir.ac.uk/about/faculties-and-services/natural-sciences/aquaculture/research/aquaculture-research-projects/metric-for-aquaculture-nutritional-impact-for-girls/</a> |

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|                 |                     |                              |                |                                     | <ul style="list-style-type: none"> <li>• Modelling individual responses to healthier diets and new ways to quantify the importance of physiology and behaviour for successful dietary changes (Unilever, BBSRC)</li> <li>• Individual efficacy of anthocyanins in blueberries to affect metabolic health (ByHealth)</li> <li>• Inter-individual variation in response to consumption of plant food bioactives and determinants involved (EU COST Action POSTIVE)</li> </ul> Clinical and dietary intervention trials <ul style="list-style-type: none"> <li>• Development of nutritional and exercise strategies to increase resilience and improve health outcomes (BBSRC)</li> </ul> |          |
| Yvonne Dewhurst | Education           |                              | 4              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• involved in nationally funded projects relating to effective learning and teaching, children's health in schools, health promoting settings and health in initial teacher education.</li> <li>• Member of the Think Tank and Education committees for the International Federation of Home Economics</li> <li>• Governor of the Dick Bequest Trust</li> <li>• Member of the British Nutrition Education Working Group for Scotland.</li> </ul>  |          |
| Davide Dionisi  | Engineering         |                              | 12             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• European Commission, "Add your Value" (co-I, with Alfonso Martinez-Felipe (PI), Claudia Fernandez-Martin, John Paterson, Waheed Afzal and David Vega-Maza), £46,406, <b>2019</b>;</li> <li>• Scottish Funding Council, "Conversion of wastewaters and organic waste into chemicals, energy and organic fertiliser." Studentship for Rita Noelle Moussa. (PI, with Graeme Paton), £159,816, <b>2019</b>;</li> </ul>  |          |
| Rainer Ebel     | Chemistry           |                              | 14             | Collaboration for SDG best practice | Member of the Scotland Regional Group for the Society of the Chemical Industry (SCI)   |          |
| Pete Edwards    | Computing Science   |                              | 11             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Realising Accountable Intelligent Systems EPSRC, 2019-2022</li> <li>• Trusted Things &amp; Communities: Understanding &amp; Enabling a Trusted IoT Ecosystem EPSRC, 2016-2019</li> <li>• Trust &amp; Privacy in Smart City IoT Solutions Royal Society of Edinburgh - Taiwan Ministry of Science &amp; Technology, 2017-2019</li> </ul>   |          |
| Diana Feliciano | Biological Sciences |                              | 1, 13, 15      | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Evaluation Panel, British Council/Newton Fund</li> <li>• Evaluation Panel, Innovation Placements, NERC</li> <li>• Delegate, UKRI, UK Climate Resilience</li> <li>• Scientific Advisor, UK Forests Strategic Programme Area Scoping Group, NERC</li> <li>• Scientific Advisor, UNECE/FAO Forest Ownership Core Group</li> </ul>  |          |



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|                |                         |                              |                |                                     | <ul style="list-style-type: none"> <li>• SHEFS - Sustainable and Healthy Food Systems, Funded by Wellcome Trust</li> <li>• NERC KE fellowship: 'Understanding Socio-Economics in the Adoption of Sustainable Agricultural Practices (USE-ASAP)'. Funded by NERC</li> <li>• CCAFS-MOT Mitigation Option Tool - <a href="http://ccafs.cgiar.org/mitigation-options-tool-agriculture">http://ccafs.cgiar.org/mitigation-options-tool-agriculture</a> Funded by CCAFS, USAID, USDA</li> <li>• COST Action 1201 FACESMAP - Forest Ownership Changes in Europe: Significance for Management and Policy <a href="http://facesmap.boku.ac.at/">http://facesmap.boku.ac.at/</a> Funded by EU</li> </ul>  |          |
| Paul Fernandes | Computing Science       |                              | 11, 13, 14     | Collaboration for SDG best practice | The FEAST (Fisheries Ecosystems and Advanced Survey Technologies) Research Group, focuses on the sustainable management of marine resources. We use mathematical models to assess the <a href="#">status of fish stocks</a> and to understand the dynamics of marine ecosystems under <a href="#">climate change</a> ; we develop advanced survey technologies, notably <a href="#">underwater acoustics</a> , <a href="#">visual surveys</a> and <a href="#">geostatistics</a> , to study the <a href="#">abundance</a> and <a href="#">distribution of marine fauna</a> ; and we explore management strategies in support of <a href="#">ecosystem-based fisheries management</a> .   |          |
| Josie Geris    | Geography & Environment |                              | 6              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• 2021: 'Establishing the potential influence of beaver activity on the natural functioning of rivers and streams and water resource management in Scotland', Centre of Expertise for Waters (CREW), Research Project (£30k), PI</li> <li>• 2021-2023: 'Complementary or competitive agroforestry water and nutrient use? – implications for shade tree management in tropical agroforestry' Royal Society International Exchange (£12K), PI</li> <li>• 2020-2024: 'The role of place and scale on effectiveness of temporary storage areas for surface runoff attenuation', Scottish Funding Council via Hydronation programme (£100K), PI</li> <li>• 2019-2022: 'MIDST-CZ: maximising impact by decision support tools for sustainable soil and water through UK-China critical zone science', NERC (£220k to Aberdeen), Co-I</li> <li>• 2019-2022: 'Exploring UAV thermal remote sensing for assessing management implications for stream temperatures', Macaulay Development Trust (£90k), PI</li> <li>• 2019-2021: 'Plant water availability and use in coffee agroforestry systems – exploring changes in water use strategies', The Carnegie Trust for Scottish Universities, Research Incentive Grant (£10k), PI</li> <li>• 2018-2021: 'Connect4 water resilience: connecting water resources, communities, drought and flood hazards, and governance across 4 countries in the Limpopo basin', NERC/DFIC (£250k), Co-I</li> </ul> |          |

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|--------------|------------------|------------------------------|----------------|-------------------------------------|--|---|
|              |                  |                              |                |                                     | <ul style="list-style-type: none"> <li>2017-2021: 'Evaluating nature-based strategies in rural landscapes for managing low flows and stream temperatures', NERC and Chivas Brothers (£90k), PI</li> </ul>  |   |
| Iain Gibson  | Medical Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Professor Gibson's research is focussed on developing innovative orthobiologic technologies and he has a strong record of successful R&amp;D and technology transfer. He is an inventor of 10 patent families and he has published extensively in this field.</li> <li>co-founder and a member of the management board of SIRAKOSS Ltd. Founded to develop innovative bone graft materials and translate the transformative Osteo3 technology from academic discovery through to clinical use. SIRAKOSS Ltd. Is a spin out company from the University of Aberdeen.</li> <li>College Representative, CLSM - North America Regional Sub Group, Internationalisation Strategy Committee (2014-present)</li> </ul>   | <a href="https://www.sirakoss.com/the-product">https://www.sirakoss.com/the-product</a> |
| Donald Gray  | Education        |                              | 4              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Member of Natural England's Strategic Research Group for Learning in Natural Environments.</li> <li>Member of the Interdisciplinary Research Institute on Sustainability (<a href="http://www.iris-sostenibilita.net/iris/index_sm1_e.asp">http://www.iris-sostenibilita.net/iris/index_sm1_e.asp</a>) with collaborative contacts with the Universities of Turin and Val d' Aosta. Joint presentations and funding applications in relation to socio-scientific issues, sustainability and the arts.</li> <li><b>Finland, University of Lapland.</b> Special interest group on arts, education and sustainability of the University of the Arctic.</li> </ul>  |   |
| Silvia Gratz | Rowett           |                              | 3              | Collaboration for SDG best practice | <p><a href="#">Mycotoxin contamination in cereal products and human exposure from the diet   SEFARI</a> Interface Multiparty funded research grant (2019-2020):</p> <p>Study was co-funded by the <a href="#">Food Standards Agency</a> and the findings have been utilised by the <a href="#">European Food Safety Authority</a> in their 'Scientific Opinions', stating that masked mycotoxins pose an equal risk to human health as free mycotoxins. This Scientific Opinion is driving food safety regulation on a European level to include masked forms of mycotoxins in risk assessments and regulations for mycotoxins in food products to ensure consumer safety.</p> <ul style="list-style-type: none"> <li>Probi AB funded research project (2021-2023): Investigating new candidate probiotic strains. Scott &amp; Gratz (Co-I).</li> <li>NC3Rs funded PhD studentship grant (2019-2022): Modelling Candida albicans infection of the human gut using human intestinal organoid cultures. Gratz (PI), MacCallum, Munro.</li> </ul> |   |

| Name          | Discipline          | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence |
|---------------|---------------------|------------------------------|----------------|-------------------------------------|--|----------|
|               |                     |                              |                |                                     | <ul style="list-style-type: none"> <li>TENOVUS funded research grant (2018-2021): Application of human intestinal organoids to study food-derived risk factors for inflammatory bowel disease. Gratz.</li> <li>MRC funded research grant (2019-2020): Mycotoxin exposure, intestinal inflammation and childhood stunting in India. Gratz (PI), Kyle, Poobalan, DeRoos.</li> <li>Probi AB funded research project (2017-2020): Isolation of gut bacteria. Scott &amp; Gratz (Co-I).</li> <li>Scottish Government themed programme (2016–2021). Gratz.</li> </ul>  |          |
| Paul Haggarty | Rowett              |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Deputy Director of the £19.5M GCRF Action Against Stunting Hub led by the London School of Hygiene and Tropical Medicine. The Hub is one of 12 Global Research Hubs funded by UKRI through the Global Challenges Research Fund (GCRF). Over the five year collaboration the Hub aims to reduce child stunting by up to 10% across communities in India, Indonesia and Senegal.</li> <li>Chair of UK Scientific Advisory Committee on Nutrition (SACN) working group on UK saturated fat recommendations (from 2015).</li> <li>Member of UK Scientific Advisory Committee on Nutrition (SACN) (2006-present).</li> <li>Member of SACN Working Group on Approaches to the Nutritional Assessment of Novel Foods (ANANF) (2008-present).</li> </ul>  |          |
| Paul Hallett  | Biological Sciences |                              | 15             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>NERC/NSF: SitS NSF-UKRI: Wireless In-Situ Soil Sensing Network for Future Sustainable Agriculture. NE/T011068/1. Natural Environment Research Council/National Science Foundation USA. D. Young (Utah, PI), E. Yeatmans (Imperial), G. Norton (Aberdeen) and other partners, 2019-2021, Co-PI</li> <li>ESRC: Reducing land degradation and carbon loss from Ethiopia's soils to strengthen livelihoods and resilience (RALENTIR). ES/T003073/1. Economic and Social Research Council. E. Phimister (Aberdeen, PI), J. Smith (Aberdeen), W. Mekuria (IWMU), T. Tefera (U. Hawassa), A. Byg (The James Hutton Institute, G. Edo (Southern Agricultural Research Institute, Hawassa), A. Fischer (SLU) and others, 2019-2022, CoI</li> <li>NERC: MIDST-CZ: Maximising Impact by Decision Support Tools for sustainable soil and water through UK-China Critical Zone science. NE/S009167/1. Natural Environment Research Council/Newton Fund. 56 partners in the UK and China, 2019-2021, PI</li> <li>BBSRC: NUCLEUS: a virtual joint centre to deliver enhanced Nitrogen Use efficiency via an integrated Soil-plant systems approach for the UK &amp;</li> </ul> |          |

| Name                  | Discipline              | Additional Academic Partners | Related SDG(s)      | Area                                | Descriptor of role or involvement  | Evidence   |
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|                       |                         |                              |                     |                                     | BraSil. BB/N013204/1. Biotechnology and Biological Sciences Research Council (BBSRC)/Newton Fund. with S. Mooney (Nottingham, PI), Bangor, Rothamsted and 7 Brazilian partners, 2016-2019, Col   |  |
| David Haro Monteagudo | Geography & Environment |                              | 6, 9, 13            | Collaboration for SDG best practice | Water risk analysis and societal perception of risk for the development of appropriate measures, spatial and temporal propagation of risks in natural and human systems, and development of decision support systems for improved assessment and management of available resources and adaptation.<br>Current research work deals with the evaluation and prospective of water resources in mountain areas under a climate change context, considering adaptation measures with an impact on the territory.  |  |
| Adrian Hartley        | Geology and Geophysics  |                              | 14                  | Collaboration for SDG best practice | Triassic JIP Phase 2 & 3. A joint industry project funded by BP, JX Nippon, Total, CNOOC & Neptune Energy looking at the provenance, sedimentology and biostratigraphy of the Triassic succession in the Central North Sea. The aim is to better predict reservoir distribution and quality in these important reservoir units.<br><br><a href="#">Fluvial System Research Group</a> . A Joint Industry Project currently funded by BG, Chevron, ConocoPhillips and Total. The project links with Albuquerque and Royal Holloway and aims to develop a predictive model of distributive fluvial systems (DFS) and associated environments based on remote sensing imagery and outcrop studies. Research is focussed on outcrop based studies in various parts of the world and involves building 3D models of different aspects of distributive fluvial systems, "ground-truthed" using datasets derived from remotely sensed imagery and modern day systems.<br><br><a href="#">Collaborations</a><br>Gary Weissmann & Louis Scuderi, University of New Mexico, Albuquerque.<br>Amanda Owen, University of Glasgow<br>Anne Mather, University of Plymouth<br>Laura Evenstar, University of Brighton |  |
| Astley Hastings       | Biological Sciences     |                              | 2, 6, 7, 12, 13, 15 | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Researcher for UK Energy Research Centre (UKERC), world-class, interdisciplinary research into sustainable future energy systems</li> <li>• Program committee Member for the EUROPEC meeting a collaboration of the EAGE (European Association of Geoscientists and Engineers) and SPE (Society of Petroleum Engineers)</li> </ul> Research Grants: <ul style="list-style-type: none"> <li>• 2018-2019 UK AND CHINA: EMISSION PREDICTIONS OF PHASE SHIFTING TO</li> </ul>   | <a href="http://www.ukerc.ac.uk/about-us.html">http://www.ukerc.ac.uk/about-us.html</a><br><br><a href="https://www.spe.org/events/en/2019/conference/19euro/committee.html">https://www.spe.org/events/en/2019/conference/19euro/committee.html</a> |

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|--------------------|------------------|------------------------------|----------------|-------------------------------------|--|----------|
|                    |                  |                              |                |                                     | <p>ELECTRIC VEHICLES CONSIDERING LEAPFROGGING ENERGY TECHNOLOGY DEVELOPMENTS</p> <ul style="list-style-type: none"> <li>• 2018-2020 CROP MODELLING AND MAPPING</li> <li>• 2017-2022 GROWING ADVANCED INDUSTRIAL CROPS ON MARGINAL LANDS FOR BIOREFINERIES.</li> </ul>  |          |
| Bernadette Hayes   | Sociology        |                              | 5              | Collaboration for SDG best practice | <p>Director of the Institute of Conflict, Transition, and Peace Research (ICTPR), <a href="http://www.abdn.ac.uk/ictpr/">http://www.abdn.ac.uk/ictpr/</a></p> <p>Principal Investigator Northern Ireland Assembly Election Survey 2019</p> <p>Publishes extensively in the areas of gender, politics, religion, and social stratification at both the national and international level.</p> <p>Member of:</p> <ul style="list-style-type: none"> <li>• International Assessment Panel of the Irish Research Council for the Humanities and Social Sciences (2018-2020),</li> <li>• ESRC Peer Review College (2010-)</li> <li>• EUROLAB Visiting Appointment Selection Panel (2011-) in Cologne</li> <li>• Carnegie Trust for the University of Scotland (2014-)</li> </ul>   |          |
| Shin-Ichiro Hiraga | Medical Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• collaboration involving Dr Berndt Müller, Prof. Anne Donaldson (University of Aberdeen), Dr Tony Ly and Prof. Angus Lamond (University of Dundee), Dr Simon Boulton (Crick Institute) and Prof. Peter Adams (Cancer Research UK Beatson Institute, University of Glasgow) proteomic examination of senescent human chromatin.</li> <li>• international collaboration with Dr Ichiro Hiratani (RIKEN Center for Biosystems Dynamics Research, Japan), Dr Masato Kanemaki (National Institute of Genetics, Japan), Professor Chikashi Obuse (Osaka University, Japan) and Professor Katsuhiko Shirahige (University of Tokyo, Japan)</li> </ul> <p>Research Grants</p> <p>2015-2020 Cancer Research UK Program Grant 'How does Rif1 ensure chromosome stability and can its removal prevent tumour cell survival?' (Principal Investigator: Prof A. Donaldson, Co-investigator: Dr S. Hiraga)</p> |          |
| Martin Hoesli      | Accountancy      |                              | 12, 17         | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member of the Research Committee of the European Public Real Estate Association (EPRA) and Board Member of the European Commercial Real Estate Data Alliance (E-CREDA).</li> <li>• Board Member and Past president of the International Real Estate Society (IRES) and of the European Real Estate Society (ERES).</li> <li>• Member of the Board of Directors of <a href="#">AZEK</a>, the Swiss Training Centre for Investment Professionals, and President of the Examination Commission of the Swiss Financial Analysts Association (<a href="#">SFAA</a>).</li> </ul>  |          |

| Name          | Discipline       | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence |
|---------------|------------------|------------------------------|----------------|-------------------------------------|---|----------|
| Stefan Hopler | Medical Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Leverhulme Trust Senior Research Fellowship to investigate modelling the gene-regulatory networks controlling embryonic heart development.</li> <li>• WNT SIGNALLING RESPONSE TO MYOCARDIAL INFARCTION. Hoppler, S. BRITISH HEART FOUNDATION 2020-2023</li> <li>• BUILDING HEART MUSCLE: HOW DOES WNT SIGNALLING CONTROL GENE REGULATORY NETWORKS TO COORDINATE CARDIOMYOCYTE DIFFERENTIATION. Hoppler, S. &amp; Afouda, B. BRITISH HEART FOUNDATION 2018-2023</li> <li>• JOINT WITH ST ANDREWS- ABERDEEN LEAD DIVERSIFICATION OF VERTEBRATE TCF STRUCTURE AND FUNCTION Hoppler, S. BBSRC 2020 - 2023</li> <li>• PILOT GRANT: CHARECTERISATION OF A NOVEL SELECTABLE CELL-SURFACE REGULATOR OF CARDIOVASCULAR PROGENITORS FOR STEM CELL-MEDIATED REGENERATION. Hoppler, S. &amp; MacKenzie, A. BRITISH HEART FOUNDATION 2019 2021</li> <li>• MODELLING GENE-REGULATORY NETWORKS CONTROLLING EMBRYONIC HEART DEVELOPMENT, Hoppler, S. ROYAL SOCIETY, 2019-2020</li> <li>• Regulation of Wnt Signal Distance in Heart Development, Afouda, B. &amp; Hoppler, S. 2019-2020</li> <li>• What are the molecular mechanisms through which non-canonical Wnt signalling promotes heart muscle (cardiomyocytes) differentiation? Hoppler, S. &amp; Afouda, B. 2015-2019</li> <li>• WNT SIGNALLING IN GENE REGULATORY NETWORKS: HOW DOES FEEDBACK REGULATION AFFECT SIGNALLING RANGE IN EMBRYONIC TISSUES. Hoppler, S. BBSRC 2016-2019</li> <li>• ESTABLISHING MOUSE EMRYONIC STEM CELL APPROACHES TO TRANSLATE INTO MAMMALIAN CARDIOMYOGENESIS THE IDENTIFICATION OF NOVEL DOWNSTREAM TARGET GENES. Hoppler, S. TENOVUS SCOTLAND 2018-2019</li> </ul> |          |
| Wael Houssen  | Medical Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Awarded 5 year £1M Fellowship from EPSRC to develop novel macrocyclic peptides drug candidates. "Hijacking prenyl and geranyl transferases - A route to carry out click modifications and to enhance cellular permeability of peptides" Wael's work is aiming to generate computational models to predict membrane permeability of bioactive cyclic peptides that will be invaluable for development of peptides into drugs. 2019-2023</li> <li>• IBioIC /BBSRC CTP studentship [£102 k] (01/10/2020 – 30/09/2024): "Beyond Making thiazolines and oxazolines: Expanding the enzymatic</li> </ul>  |          |

| Name                  | Discipline             | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence  |
|-----------------------|------------------------|------------------------------|----------------|-------------------------------------|--|---|
|                       |                        |                              |                |                                     | <p>repertoire to incorporate other 5- and 6-membered heterocyclic rings in peptides".</p> <ul style="list-style-type: none"> <li>• Co-investigator on United Nations Environment Programme (Convention on Biological Diversity) [\$30 k] (01/05/2019 – 31/07/2019): "Understanding the current use and application of digital sequence information on genetic resources in academia and industry".</li> </ul>  |   |
| John Howell           | Geology and Geophysics |                              | 15             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Understanding volcanic eruptions with thermal imaging: University of Aberdeen Research created world's first 3D thermal image of an active volcano. Future development of the technology could provide a low-cost monitoring system, which could be deployed around the world and has the potential to save thousands of lives</li> <li>• Safari Project - Large industry JIP in collaboration with UniCIPR in Bergen. 4 PhD students and several post-doc researchers supported by 14 companies and the Research Council of Norway</li> <li>• Aeolian reservoir analogues - JIP with DEA (Germany) working on various aeolian systems in the USA including the Page Sst in southern Utah/Arizona</li> <li>• Triassic Mudstones - Large JIP looking at the Central North Sea</li> </ul>   | <a href="https://www.abdn.ac.uk/stories/volcanic-eruptions/index.html">https://www.abdn.ac.uk/stories/volcanic-eruptions/index.html</a> |
| Muhammad Azizul Islam | Accountancy            |                              | 12             | Collaboration for SDG best practice | <p>Aziz is widely recognised internationally as a leading sustainability accounting researcher. He investigates some of the specific sustainability accounting and transparency issues including (but not limited to): corporate human rights measures, climate change accounting, social audit and corporate anti-bribery measures.</p> <ul style="list-style-type: none"> <li>• TOWARD THE DEVELOPMENT OF POST COVID-19 GENDER POLICY MEASURES TO END MODERN SLAVERY AND EXPLOITATION IN THE BANGLADESHI GARMENT SECTOR., Islam, M., Abbott, P. &amp; Haque, S. AHRC: 1/11/20 → 15/12/21 (Academic Year 2020-21)</li> <li>• Regulating Transparency and Disclosures on Modern Slavery in Global Supply Chains Islam, M. UNIVERSITY OF NEW SOUTH WALES 2018-2019</li> <li>• Coronavirus measures give Bangladeshi workers for global clothing chains a stark choice: disease or starvation<br/><a href="https://theconversation.com/coronavirus-measures-give-bangladeshi-workers-for-global-clothing-chains-a-stark-choice-disease-or-starvation-138549">https://theconversation.com/coronavirus-measures-give-bangladeshi-workers-for-global-clothing-chains-a-stark-choice-disease-or-starvation-138549</a></li> </ul> | <a href="https://gtr.ukri.org/projects?ref=AH%2FV009788%2F1">https://gtr.ukri.org/projects?ref=AH%2FV009788%2F1</a>                     |
| Amy Irwin             | Psychology             |                              | 3,9, 15        | Collaboration for SDG best practice | Dr Amy Irwin's research into farmer perception of the risks involved in tractor use has improved understanding of agricultural risk overall.   | <a href="https://www.yellowwellies.org/risky-business/">https://www.yellowwellies.org/risky-business/</a>                               |
| Marcel Jaspars        | Chemistry              |                              | 14             | Collaboration for SDG best practice | Working in partnership with the IUCN (an Intergovernmental Organisation) and at the UNHQ in NY itself to advise different national blocs and individual  |   |

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|---------------------|-------------|------------------------------|----------------|-------------------------------------|--|--|
|                     |             |                              |                |                                     | countries. University of Aberdeen role in the project Marine Genetic Resources in the UN BBNJ Process.<br><a href="https://www.iucn.org/sites/dev/files/iucn_comments_on_bbnj_draft_text_-_august_2019.pdf">https://www.iucn.org/sites/dev/files/iucn_comments_on_bbnj_draft_text_-_august_2019.pdf</a>  |  |
| Alexandra Johnstone | Rowett      |                              | 2, 3           | Collaboration for SDG best practice | <p>2016 – 2021 Research focus to examine the role of dietary components on appetite control influencing energy balance, in humans, to help with healthy weight control.</p> <ul style="list-style-type: none"> <li>• 2016-2020 THE BIG BREAKFAST STUDY: CHRONO-NUTRITION INFLUENCE ON ENERGY EXPENDITURE AND BODY WEIGHT. (with Peter Morgan)</li> <li>• 2017-2020: MECNUT: IMPACT OF DIETARY EXPOSURE TO EMULSIFIERS ON THE INTESTINAL MUCOSA - IMPLICATIONS FOR INFLAMMATORY BOWEL DISEASE AND METABOLIC SYNDROME.(with Alan Walker)</li> <li>• 2017-2020 AGEING-GB STUDY (AGEING GUT-BRAIN INTERACTIONS): A PROOF OF CONCEPT STUDY FOR THE ROLE OF GUT MICROBIOTA IN DEMENTIA (ALZHEIMER'S DISEASE) (with Alison Donaldson, Phyto Myint, Karen Scott)</li> </ul>  | <a href="https://mrc.ukri.org/news/blog/do-meal-timings-matter/?redirected-from-wordpress">https://mrc.ukri.org/news/blog/do-meal-timings-matter/?redirected-from-wordpress</a><br><a href="https://doi.org/10.1111/nbu.12323">https://doi.org/10.1111/nbu.12323</a><br><a href="https://gtr.ukri.org/project/C73B2414-D347-4643-A76E-8D86A455EE94">https://gtr.ukri.org/project/C73B2414-D347-4643-A76E-8D86A455EE94</a><br><a href="https://clinicaltrials.gov/ct2/show/study/NCT03593941">https://clinicaltrials.gov/ct2/show/study/NCT03593941</a> |
| Dragan Jovicic      | Engineering |                              | 7              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Aberdeen HVDC (High Voltage Direct Current) research centre</li> <li>• CIGRE: a collaborative global community committed to the world's leading knowledge development programme for the creation and sharing of power system expertise. CIGRE B4, Member, Chairman CIGRE B4.76, CIGRE WG member: B4.52, B4.64, B4.58, B4.72, B4.84,</li> <li>• Consultancy work for Supernode, Ireland, 2019-2020, SuperNode is a cutting-edge global technology development company that designs and delivers superconducting connection systems to connect renewable generation and increase grid interconnection in mature markets.</li> <li>• EU Horizon 2020, PROMOTion (Progress on Multiterminal DC networks)", WP6 leader, January 2016-June 2020, <a href="https://www.promotion-offshore.net/">https://www.promotion-offshore.net/</a></li> </ul> | <a href="https://www.abdn.ac.uk/engineering/research/aberdeen-hvdc-research-centre-472.php">https://www.abdn.ac.uk/engineering/research/aberdeen-hvdc-research-centre-472.php</a><br><br><a href="https://www.cigre.org/">https://www.cigre.org/</a><br><br><a href="https://supernode.energy/about-us/">https://supernode.energy/about-us/</a>  |
| Michael Keating     | Politics    |                              | 8              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member of the Council of the British Academy.</li> <li>• Member of comité directeur, Centre sur la diversité au Québec (CRIDAQ), 2003-.</li> <li>• Member of Comité scientifique, Chaire d'Etudes Québécoises et Canadiennes, Université de Québec à Montréal, 2004-.</li> <li>• Member, Consejo Asesor Cátedra de Estudios Internacionales, Universidad del País Vasco, 2003-.</li> <li>• Member, international board of Centre on European Governance, Identity</li> </ul>  |  |



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|------------------|---------------------|------------------------------|----------------|-------------------------------------|--|----------|
|                  |                     |                              |                |                                     | and Public Policy, Cardiff University, 2004-.  |          |
| Zaheer Khan      | Business Management |                              | 8, 9, 12       | Collaboration for SDG best practice | <p>member of the following Professional Associations:</p> <ul style="list-style-type: none"> <li>• <a href="#">Academy of International Business</a></li> <li>• <a href="#">European International Business Academy</a></li> <li>• <a href="#">British Academy of Management</a></li> <li>• <a href="#">Senior Fellow of the Higher Education Academy</a></li> <li>• <a href="#">Fellow of the Academy of Social Sciences</a></li> </ul> <p>Zaheer has a large network of collaborators across the UK, Asia and North America. Current projects are in the area of knowledge transfer in international alliances, cross-sector partnerships, board gender diversity and cross-listing, internationalization of firms from emerging markets, and non-market political and social strategies of firms based in emerging markets.</p> <p>Zaheer is the Founding Director of the Africa-Asia Centre for Sustainability Research, launched in 2021.</p>   |          |
| Gary Knight      | Business Management |                              | 9, 12, 16      | Collaboration for SDG best practice | <p>Professor Knight has extensive experience in international business in the private sector, especially regarding Europe, Japan, and Mexico. For 15 years, he was professor of international business at Florida State University where he developed the university's business study abroad programs in Europe and Japan. He was a visiting Fulbright Scholar at McGill University, Canada. His research emphasizes international strategy, emerging markets, and internationalization of small and medium enterprises.</p> <p>Professor Knight has authored six books and 40 refereed articles in academic journals, including Journal of International Business Studies, Journal of World Business, International Executive, and Management International Review. The U.S. House of Representatives' Committee on Small Business invited Professor Knight to provide expert testimony on international management topics.</p> <p>He has been an invited speaker at numerous universities worldwide.</p> |          |
| Frithjof Kuepper | Biological Sciences |                              | 14             | Collaboration for SDG best practice | <p>Frithjof Küpper has collaborated closely with Carl J. Carrano (San Diego State University) and his SAMS colleague, David H. Green, on 2 projects investigating the role of microbial siderophores in microalgal-bacterial symbioses and on metal acquisition and storage in the brown algal genomics model <i>Ectocarpus</i> (ongoing work with Carl J. Carrano and Berthold F. Matzanke), respectively.</p>  |          |

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|               |                         |                              |                |                                     | <p><i>Research Grants</i></p> <p><b>Algal and oomycete diversity in the Canadian Marine Arctic (2009-)</b> (TOTAL Foundation)</p> <p><b>Brown Algal Ecology and Biodiversity in the Eastern Mediterranean Sea (2010-)</b> (TOTAL Foundation)</p> <p><i>Society Memberships</i></p> <p>British Phycological Society (2004- present)</p> <p>Ελληνική Φυκολογική Εταιρία (Greek Phycological Society; 2009 – present; member of governing council: Dec. 2011 - present)</p> <p>Deutsche Botanische Gesellschaft (German Botanical Society; 1998 - present)</p> <p>Sektion Phykologie der Deutschen Botanischen Gesellschaft (Phycological Section of the German Botanical Society; 2006 - present)</p> <p>Malaysian Society for Marine Science (lifetime member since Nov. 2008)</p> <p>Naturschutzbund Deutschland (German Wildlife Federation; 1990 - present)</p> <p>O TEC (Ocean Technology &amp; Environmental Consulting, member of Board of Advisors)</p>                      |          |
| Xavier Lambin | Biological Sciences     |                              | 10, 15         | Collaboration for SDG best practice | <p>Research Grants</p> <ul style="list-style-type: none"> <li>• 2019-22 NERC- NEWTON LATAM program (Burslem, Phimister, Travis, Cornulier, Caplat and Latin America partners) CONTAIN: Optimising the long term management of invasive species affecting biodiversity and the rural economy using adaptive management</li> <li>• 2018-22 NERC (A Stringer, Forestry England &amp; Raptor Study groups) Leaving the safety of the forest: the landscape-scale dynamics of a protected mobile species occupying areas with varying levels of protection</li> <li>• 2017-22 NERC (A Stringer, Forestry England, PTES) Assessing the economic and conservation impacts of the pine marten, a recovering predator, non-native grey squirrels, and forest land management</li> <li>• 2016 - Forestry and Land Scotland (K Kortland) Adaptive monitoring and management for endangered species conservation in boreal forest ecosystems with newly enriched guild of predators</li> </ul> |          |
| Amanda Lee    | Applied Health Sciences |                              | 3              | Collaboration for SDG best practice | <p>Director of the Institute of Applied Health Sciences (IAHS) and lead the IAHS Medical Statistics Team</p> <ul style="list-style-type: none"> <li>• Member of NIHR Clinical Fellowship panel (2018-)</li> <li>• DMC statistician for 'Detection in blood of autoantibodies to tumour antigens as a case-finding method in lung cancer using the EarlyCDT-Lung test' (2013-2019)</li> </ul> <p>Research Grants</p>  |          |

| Name                | Discipline | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence  |
|---------------------|------------|------------------------------|----------------|-------------------------------------|---|---|
|                     |            |                              |                |                                     | <ul style="list-style-type: none"> <li>• DOES INCREASED DISTANCE TO SERVICES LEAD TO DIFFERENT TREATMENT AND FOLLOW-UP FOR CANCER IN SCOTLAND? Murchie, P. &amp; Lee, A. SCOTTISH GOVERNMENT HEALTH DIRECTORATES: 2017-2022</li> <li>• IS CURRENT GP REFERRAL PRACTICE FOR CANCER IN SCOTLAND OPTIMAL? A DETAILED EXPLORATION OF CANCER REFERRAL PATHWAYS USING PRIMARY CARE RECORDS AND A CANCER CARE PATHWAY DATABASE, Murchie, P. &amp; Lee, A. SCOTTISH GOVERNMENT: 2013-2022</li> <li>• DT SIP CHAIR IN HEALTH DATA SCIENCE and DT SIP CLINICAL CHAIR IN PUBLIC HEALTH, Lee, A. DEVELOPMENT TRUST: 2021-2022</li> <li>• SHERLOCK STUDY: AN OBSERVATION STUDY ON HEALTH CARE RESOURCE UTILIZATION RELATED TO EXACERBATIONS IN PATIENTS WITH COPD, Lee, A. ASTRA ZENECA: 2019-2020</li> <li>• ACHIEVING SELF-DIRECTED INTEGRATED CANCER AFTERCARE (ASICA) IN MELANOMA: A RANDOMIZED PATIENT-FOCUSED TRIAL DELIVERING THE ASICA INTERVENTION AS A MEANS TO EARLIER DETECTION OF RECURRENT AND SECOND PRIMARY MELANOMA. Murchie, P., Allan, J. &amp; Lee, A. CANCER RESEARCH UK: 2017-2020</li> <li>• A CONTROLLED STUDY OF THE EFFECTIVENESS OF BREATHING TRAINING EXERCISES TAUGHT BY PHYSIOTHERAPIST BY EITHER INSTRUCTIONAL VIDEOS/DVDS/INTERNET DOWNLOAD OR BY FACE-TO-FACE SESSIONS IN THE MANAGEMENT OF ASTHMA IN ADULTS (VIA UNIVERSITY OF SOUTHAMPTON),</li> <li>• Lee, A. &amp; Price, D. NHS HEALTH TECHNOLOGY ASSESSMENT: 2011-2020</li> <li>• ORAL IRON, INTRAVENOUS IRON OR DISCONTINUATION OF THERAPY FOR OLDER ADULTS WITH TREATMENT-UNRESPONSIVE IRON DEFICIENCY ANAEMIA - A PILOT RANDOMISED CONTROLLED TRIAL. Myint, P., Donaldson, A., Lee, A. &amp; McNamee, P. SCOTTISH GOVERNMENT - CHIEF SCIENTIST OFFICE: 2018-2019</li> <li>• FIBROMYALGIA OPTIMAL MANAGEMENT IN PATIENTS WITH AXIAL SPONDYLOARTHRITIS (FOMAXS), Macfarlane, G., Lee, A., Martin, K. &amp; McNamee, P. ARTHRITIS RESEARCH UK: 2017-2019</li> </ul> |   |
| Georgious Leontidis | Computing  |                              | 7, 9           | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member AI Council's Data Working Group ecosystem</li> <li>• Member Full College of EPSRC</li> <li>• Sift and Interview panel member of the UKRI Future Leaders Fellowship scheme</li> <li>• programme committee member in various tier 1 venues, such as NeurIPS, ICML, AAAI, ICLR, IJCAI</li> <li>• 3D convolutional and recurrent neural networks in reactor perturbations unfolding and anomaly detection; (<a href="https://tinyurl.com/y8eejewr">https://tinyurl.com/y8eejewr</a>,</li> </ul>   | <a href="https://tinyurl.com/y7rif63j">https://tinyurl.com/y7rif63j</a> |

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|---------------|-------------------------------|------------------------------|----------------|-------------------------------------|--|----------|
|               |                               |                              |                |                                     | <p><a href="https://tinyurl.com/y78bepvx">https://tinyurl.com/y78bepvx</a>); open workshop organized in cooperation with the European Horizon 2020 CORTEX project in UJV Rez, Czech Republic.</p> <ul style="list-style-type: none"> <li>• Detecting various types of perturbations via neutron noise modelling and deep learning. We are using simulated and real data for various types of nuclear reactors. The data are provided by our EU partners (EU-H2020, 2017-2021, <a href="http://cortex-h2020.eu/">http://cortex-h2020.eu/</a>)</li> <li>• DATA MANAGEMENT AND INTEROPERABILITY FOR DATA TRUSTS, Leontidis, G. EPSRC 2020-2021</li> <li>• NEURAL-NETWORK ENCRYPTION: EXPLORATION OF TECHNIQUES FOR SECURE AGRICULTURAL DATA PROCESSING (NEXTGEN), Leontidis, G. EPSRC, 2020</li> </ul>  |          |
| Louise Locock | Health Services Research Unit |                              | 3, 5           | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• lead for 'Improving Experiences of Care' theme, focusing on research to improve the experience of patients, family carers and healthcare staff.</li> <li>• Starting in 2021, involved in a new inter-disciplinary study of funerals as a form of care and how they have been affected by the pandemic, led by Prof Vikki Entwistle.</li> <li>• joint principal investigator with Prof Jen Cleland on a new mixed methods study from October 2020 on enhancing recruitment and retention of rural doctors in Scotland, funded by the Chief Scientist Office.</li> <li>• With Prof Craig Ramsay joint PI on ACORN (Asynchronous Consultation Research for the NHS), examining the role of asynchronous consultation methods in secondary care after COVID-19, funded by the Health Foundation from December 2020.</li> <li>• working with Prof Judith Smith at the University of Birmingham on a study of narrative accounts of primary care practitioners in a time of Covid-19, with support from the Health Foundation.</li> <li>• involved in an ESRC/UKRI funded study led by Prof Sue Ziebland at the University of Oxford, 'Experiences of COVID-19 and recovery: learning from polyphonic voices for communities, policy makers and health and social care providers'. This will investigate the experiences of people who experienced COVID-19, with particular emphasis on people from a range of minority ethnic backgrounds</li> <li>• In 2018-19 led a study based in NHS Grampian on how staff feel about and respond to online patient feedback on Care Opinion Scotland. A wider qualitative study on Care Opinion Scotland began in 2019 with a PhD studentship funded by THIS Institute, Cambridge, with PhD student Emma Berry.</li> </ul> |          |

| Name            | Discipline        | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence  |
|-----------------|-------------------|------------------------------|----------------|-------------------------------------|---|---|
| Alison Lumsden  | English           |                              | 4, 11          | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Co-director of the University of Aberdeen's Walter Scott Research Centre, which exists to promote all aspects of research on Walter Scott. She has published extensively on Walter Scott and on other aspects of Scottish literature, including Nan Shepherd and Lewis Grassie Gibbon.</li> <li>• President of the Association for Scottish Literary Studies 2015-19</li> <li>• Honorary Librarian of Scott's library at Abbotsford and a Trustee of the Abbotsford Trust</li> <li>• Steering Group of the Walter Scott <i>Minstrelsy</i> Project, which is run jointly between the School of Scottish Studies in Edinburgh and the University of Mainz</li> </ul>   | <a href="https://www.abdn.ac.uk/sll/people/profiles/a.lumsden">https://www.abdn.ac.uk/sll/people/profiles/a.lumsden</a><br><br><a href="https://www.abdn.ac.uk/stories/walter-scott/index.html">https://www.abdn.ac.uk/stories/walter-scott/index.html</a>  |
| David Lurie     | Clinical Medicine |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Horizon 2020: IDentIFY, Improving Diagnosis by Fast Field-Cycling MRI. Fast Field-Cycling (FFC) MRI, can measure quantitative information that is invisible to standard MRI. FFC scanners switch magnetic field while scanning the patient, obtaining new diagnostic information. FFC-MRI is in the process of securing internal funding to complement charitable donations for the build</li> <li>• member of the Fellowship Panel of the <a href="#">Institute of Physics</a></li> <li>• Awarded the <a href="#">Academic Gold Medal</a> of the <a href="#">Institute of Physics and Engineering in Medicine</a>, for "substantial and sustained track record at an outstanding level of contribution to the advancement of academic practice related to physics and engineering applied to medicine and biology.</li> <li>• Vice-Chair of the EU COST Action scientific networking initiative, "<a href="#">European Network on NMR Relaxometry</a>" (2016-21).</li> <li>• Chair of the Publications and Communications Committee of the European Federation of Organisations for Medical Physics (<a href="#">EFOMP</a>)</li> <li>• Vice-Chair of the Course Accreditation Committee of the Institute of Physics and Engineering in Medicine (<a href="#">IPEM</a>).</li> </ul> <p>Research Grants</p> <ul style="list-style-type: none"> <li>• British Heart Foundation; "The Next Leap in Cardiac MRI: Cycling the Field"; £278k; 36 months from August 2020 (CI).</li> <li>• Chief Scientist Office (Scottish Government); "Proving the Utility of Fast Field Cycling MRI in stroke and small vessel disease (PUFFINS)"; £300k; 24 months from April 2020 (CI).</li> <li>• EU H2020 ATTRACT 3rd-part grant (held by Turin University); "Monitoring Tissue Implants by Field-Cycling MRI of Quadrupolar-Peak Contrast Agents (QP-MRI)"; £89k; 18 months from May 2019 (CI).</li> </ul> | <a href="https://cordis.europa.eu/project/rcn/199749/factsheet/en">https://cordis.europa.eu/project/rcn/199749/factsheet/en</a><br><br><a href="https://www.abdn.ac.uk/research/ffc-mri/">https://www.abdn.ac.uk/research/ffc-mri/</a><br><br><a href="https://www.abdn.ac.uk/people/d.lurie/">https://www.abdn.ac.uk/people/d.lurie/</a> |
| Grant Macaskill | Divinity          |                              | 3, 16          | Collaboration for SDG best practice | Professor Macaskill has been working with the National Autistic Society, considering the production of faith-specific resources and incorporating faith   |   |

| Name              | Discipline              | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence  |
|-------------------|-------------------------|------------------------------|----------------|-------------------------------------|--|---|
|                   |                         |                              |                |                                     | communities into their strategy. He has also worked with the Diocese of New York and across the US and Canada.   |   |
| Jennie Macdiarmid | Rowett                  |                              | 2, 3, 12, 15   | Collaboration for SDG best practice | <p>Professor Macdiarmid leads a multi-disciplinary research team in Aberdeen and is the nutrition lead on several large interdisciplinary international research projects, including AFRICAP (Agriculture and food-system resilience: increasing capacity and advising policy)</p> <p>Research Grants:</p> <ul style="list-style-type: none"> <li>• University of Aberdeen pump-priming Interdisciplinary Award (2021) Young people's views about climate change and eating less meat. £7K.</li> <li>• University/GCRF pump-priming award (2020-21). Food insecurity and dietary diversity among low-income migrant workers affected by COVID-19 in India. £50K (£87K FEC).</li> <li>• GCRF (2018-2023) AFRICAP - Agricultural and Food-system Resilience: Increasing Capacity and Advising Policy. University Leeds, University of Aberdeen, Chatahm House, FANRPAN, Met Office</li> <li>• Scottish Government (Rural and Environment Research Analysis Directorate) (2017-22) Programme of research on sustainable diets.</li> <li>• Wellcome Trust (2017-2019) Sustainable and Healthy Food Systems (SHEFS). London School of Hygiene and Tropical Medicine, University of Aberdeen.</li> </ul>   | <a href="https://gtr.ukri.org/projects?ref=BB%2FP027784%2F1">https://gtr.ukri.org/projects?ref=BB%2FP027784%2F1</a>   |
| Gary Macfarlane   | Applied Health Sciences |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Lead for the Epidemiology group at the University of Aberdeen which focusses its research in Rheumatic and Musculoskeletal Diseases (RMD)</li> <li>• <b><a href="#">MAMmOTH study: investigating the prevention of chronic widespread pain and fibromyalgia</a></b> <i>Funder: Arthritis Research UK (with treatment costs from NHS Grampian, Highland and Greater Glasgow and Clyde health boards) 2015-19</i> This is the first ever randomised clinical trial being conducted which aims to prevent the onset of chronic widespread pain (the characteristic feature of fibromyalgia). We are recruiting persons at high risk of developing CWP and they are randomly allocated to receive either usual care or 8 sessions of Cognitive Behaviour Therapy (CBT) delivered by telephone. Potentially eligible subjects are being identified through a large-scale population survey.</li> <li>• <b><a href="#">British Society for Rheumatology Biologics Register in Ankylosing Spondylitis (BSRBR-AS)</a></b> <i>Funder: British Society for Rheumatology (who receive funds from AbbVie, Pfizer and UCB) 2012-18</i> This is a UK-wide cohort study of biologic therapy-naïve patients with axial Spondyloarthritis (axSpA according to ASAS criteria). There are two sub-cohorts: patients recruited as they are about to start anti-Tumour Necrosis Factor (TNF) therapy, and those that are remaining on</li> </ul> | <p><a href="http://www.arthritisresearchuk.org/research/grant-tracker-items/2015/maintain-ing-musculoskeletal-health-mammoth-study.aspx">http://www.arthritisresearchuk.org/research/grant-tracker-items/2015/maintain-ing-musculoskeletal-health-mammoth-study.aspx</a></p> <p><a href="http://www.rheumatology.org.uk/resources/bsr_biologics_register">http://www.rheumatology.org.uk/resources/bsr_biologics_register</a></p> |

| Name           | Discipline          | Additional Academic Partners | Related SDG(s) | Area                                  | Descriptor of role or involvement   | Evidence  |
|----------------|---------------------|------------------------------|----------------|---------------------------------------|---|---|
|                |                     |                              |                |                                       | <p>traditional DMARDs. Patients are followed for up to 5 years. The primary outcome of the study is safety but secondary outcomes include disease indices, quality of life and work. The study also allows the opportunity to study the epidemiology of axSpA.</p> <ul style="list-style-type: none"> <li>• <a href="#">Medical Research Council/Arthritis Research UK Centre for Musculoskeletal Health and Work</a> Professor Macfarlane principal investigator for the Aberdeen spoke of this centre, which is based at the University of Southampton. Coordinated by the University of Southampton, the centre brings together fifteen different academic institutions across the UK, with interest and expertise in rheumatic and musculoskeletal disease, and its relation to occupation, to identify effective and cost-effective ways to minimise the adverse impacts of musculoskeletal disorders in the workplace. The work at the University of Aberdeen is focussed on investigating: media campaigns for low back pain; axial spondyloarthritis; pain management.</li> </ul> | <a href="https://www.abdn.ac.uk/stories/improving-energy-efficiency/index.html">s/bsrbr_ankylosing_sp_ondylitis_register.aspx</a>   |
| Alireza Maheri | Engineering         |                              | 7              | Collaboration for SDG best practice   | <p>Member of International Council for Research and Innovation in Building and Construction 2015-<br/>Research Grants:</p> <ul style="list-style-type: none"> <li>• EU-InterReg, 'Eco-innovative concepts for the end of offshore wind energy farms lifecycle (DecomTools)', £240k, 2018-2023, PI</li> <li>• National Decommissioning Centre PhD Studentship 'A Decision Support System for Oil &amp; Gas Decommissioning', £72k, 2019-2022, PI</li> <li>• Innovation Voucher (SFC) 2019-2020 Solar Powered Watermaker, funding has enabled proof-of-concept work with Aashraya Ltd to develop water makers in sub-Saharan Africa and India</li> <li>• Carnegie Trust PhD Scholarship, 'Wind Turbine Smart Blades Made of Functional Materials', 2019-2022, Pricipal Supervisor</li> <li>• Scottish Funding Council SPRe-Industrial Collaboration, 'Induced Ductile to Brittle Transition Impact Cut', £78k 2019-2023, PI</li> </ul>  | <a href="https://www.abdn.ac.uk/stories/improving-energy-efficiency/index.html">https://www.abdn.ac.uk/stories/improving-energy-efficiency/index.html</a>                             |
| Tara Marshall  | Biological Sciences |                              | 14             | 4 Collaboration for SDG best practice | <p>Dr Tara Marshall was interviewed by World Fishing in September 2021, following University Press Release on Bycatch Avoidance Tool using Mapping (BATmap). BATmap was developed by scientists at the University and is currently being used by 15 fishing vessels operating on the west coast of Scotland.</p>  | <a href="https://www.worldfishing.net/news101/industry-news/app-to-reduce-bycatch-wins-award">https://www.worldfishing.net/news101/industry-news/app-to-reduce-bycatch-wins-award</a> |
| Sam Martin     | Biological Sciences |                              | 14             | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• <b>2019-2022 NOSIFISH: Novel Omega-3 Sources in Feeds and Impacts on Salmon Health BBSRC Responsive mode BB/S005919/1</b></li> </ul>   | <ul style="list-style-type: none"> <li>• <a href="#">International Centre for aquaculture Research and</a></li> </ul>   |

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|-----------------|-------------------------|------------------------------|----------------|---------------------------------------|---|--|
|                 |                         |                              |                |                                       | <ul style="list-style-type: none"> <li>• <b>2019-2021 NUTRIPROG (IPA).</b> Investigating the potential of nutritional programming to improve the utilisation of sustainable feeds in aquaculture. With University of Stirling <b>BBSRC Responsive mode</b></li> <li>• <b>2019-2022:</b> Feed Additives for Improved Physiological and Health Parameters in Fish. PhD studentship funded by Newton-Mosharafa Fund (UK- Egypt)</li> <li>• <b>2019-2023:</b> Photoperiod and immune function, how critical life cycle events in salmon impact on disease response and post smolt performance. PhD studentship funded by SAIC (industrial partner Scottish Sea Farms)</li> <li>• <b>2019-2023 ROBUST-SMOLT:</b> Impact of early life history in freshwater Recirculation Aquaculture Systems on Atlantic salmon robustness and susceptibility to disease at sea. Consortium grant lead by University of Stirling <b>BBSRC BB/S004270/1</b></li> <li>• <b>2019-2023 AQUALEAP:</b> Innovation in Genetics and Breeding to Advance UK Aquaculture Production. Consortium grant lead by Edinburgh. <b>BBSRC BB/S004181/1</b></li> <li>• <b>2018-2022:</b> Functional feeds and gill health. PhD studentship with BioMar</li> <li>• <b>2018-2021</b> Improving resistance to infectious salmon anaemia using genome editing: Novel approaches to tackling viral disease in aquaculture (PI Prof Ross Houston, Roslin Institute) <b>BBSRC BB/R008612/1 responsive mode</b></li> <li>• <b>2017-2019</b> Clinical nutrition and the treatment of Atlantic salmon gill diseases. Funded by Scottish Aquaculture Innovation Centre, (with BioMar and Scottish Sea farms).</li> <li>• <b>2017-2019</b> Vaccines for chronic viral pathogens in salmon- generation of interferon attenuated cell lines. <b>BBSRC /NERC Aquaculture Innovation</b></li> <li>• <b>2017-2020</b> Functional annotation of the Atlantic salmon genome, translation to improved health and performance for Aquaculture (Partnering award with Canada) <b>BBSRC</b></li> <li>• <b>2017-2021</b> Gut leucocytes as a screen for the health impact of functional feeds. PhD studentship with Skretting (With Prof Secombes)</li> <li>• <b>2017-2021</b> UK Aquaculture Initiative Network. Aquaculture Research Collaborative Hub -UK (ARCH-UK). <b>NERC / BBSRC Aquaculture network</b></li> </ul> | <ul style="list-style-type: none"> <li>• <a href="#">Development (ICARD)</a></li> <li>• <a href="#">Scottish Fish Immunology Research Centre:</a></li> </ul> |
| Dimitri Mauquoy | Geography & Environment | David Muirhead               | 13             | 4 Collaboration for SDG best practice | research expertise on the assessment of environmental/climate change using peat-bog deposits.<br>NERC Peer Review College member, 2009-present  |  |



| Name             | Discipline | Additional Academic Partners | Related SDG(s) | Area                                  | Descriptor of role or involvement   | Evidence  |
|------------------|------------|------------------------------|----------------|---------------------------------------|---|---|
|                  |            |                              |                |                                       | <p>Research Grants</p> <ul style="list-style-type: none"> <li>FALKLAND ISLAND PEATLANDS AS A MIRROR TO UNDERSTAND FUTURE EUROPEAN PEATLANDS Mauquoy, D. &amp; Muirhead, D. LEVERHULME TRUST: 2021-2024</li> <li>QUANTIFYING CARBON ACCUMULATION &amp; LOSS IN RUSSIAN ARCTIC PEATLANDS, Mauquoy, D. &amp; Muirhead, D. NERC: 2020-2021</li> </ul>   |   |
| David McCausland | Economics  |                              | 10             | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Assistant Director of the Centre for European Labour Market Research (CELMR) since November 2001</li> <li>Associate of the Economics Network, (Dr David McCausland and Dr Harminder Battu)</li> <li>Member of the Chartered Association of Business Schools (CABS) Learning, Teaching and Student Experience (LTSE) Committee</li> </ul>   | <p><a href="https://www.abdn.ac.uk/business/research/celmr-82.php">https://www.abdn.ac.uk/business/research/celmr-82.php</a></p> <p><a href="https://www.economicnetwork.ac.uk/contact/associates">https://www.economicnetwork.ac.uk/contact/associates</a></p> |
| Ben McCormick    | Rowett     |                              | 2              | 4 Collaboration for SDG best practice | <p>Ben's current research focuses on the interplay between healthy and environmentally sustainable diet choices. Using modelling to simulate eating networks, he will investigate the possibility of behavioural spill-over resulting from interventions (e.g. constraints on meal choices) between discrete parts of a network.</p> <p>Examining how research is turned into policy, with the Sabin Vaccine Institute, Ben has been looking at <a href="#">decision-support tools</a> to better articulate the deliberative processes around vaccine introductions and use in low- and middle-income settings.</p>                     |   |
| Joanne McEvoy    | Politics   |                              | 16             | 4 Collaboration for SDG best practice | <p>presently working on two research projects that explore the diversity of voices on constitutional change in Northern Ireland and the Republic of Ireland post-Brexit (2020-21), funded by the Irish Government Department of Foreign Affairs and Trade (with Professor Jennifer Todd and Dr Dawn Walsh, University College Dublin).</p>  |   |
| Neil McLennan    | Education  |                              | 4, 11          | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>British Transport Police (BTP), Strategic Advisor, Independent Strategic Advisory Group (SIAG) July 2021-present</li> <li>Scottish Education Research Network: Leadership in Scottish Education Network (LISEN) Co-Convenor 2020-present</li> <li>Western Front Association Education Ambassador 2020-Present</li> <li>Course Architect, Tecmillenio University, Mexico, Certificate in Management of Educational Institutions (CMEI) 2018- present</li> <li>Director, Royal Caledonian Education Trust, 2018 - present</li> <li>Director, North East Scotland College, 2018- present</li> </ul> |   |

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|-----------------|-------------------------|------------------------------|----------------|---------------------------------------|---|----------|
|                 |                         |                              |                |                                       | <ul style="list-style-type: none"> <li>• [NESCOL Curriculum and Quality Committee Member 2018-2021</li> <li>• Finance and Resources Committee 2018-2021</li> <li>• Curriculum and Quality Committee Vice Chair 2021-Present</li> <li>• Human Resources Committee 2021-Present]</li> <li>• Director, Royal Scottish National Orchestra 2017- Present</li> <li>• [RNSO Renumerations Committee Member 2021- Present]</li> <li>• Lay Advisor, Royal College of Physicians of Edinburgh 2015 to Present</li> <li>• Associate Member Voluntary Health Scotland 2018- Present</li> <li>• Member of Scottish College for Educational Leadership 'Into Headship' Team 2016- Present</li> <li>• Member of Scottish College for Educational Leadership 'In Headship' Design Team 2016- Present</li> <li>• Chair #iPlay4Peace / #iSing4Peace International Concert for Cooperation, 2017 to Present</li> </ul> |          |
| David McLernon  | Medical Statistics      |                              | 3              | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Member of The STREngthening Analytical Thinking for Observational Studies (STRATOS) Initiative Topic Group 6: Evaluating diagnostic tests and prediction models <a href="http://www.stratos-initiative.org/group_6">http://www.stratos-initiative.org/group_6</a></li> <li>• led the development of the OPIS predictions models which estimate the chance of having a baby over multiple complete cycles of IVF <a href="http://w3.abdn.ac.uk/clsm/opis/tool/ivf1">http://w3.abdn.ac.uk/clsm/opis/tool/ivf1</a></li> <li>• collaborate with the USA's Society for Assisted Reproductive Technology and together we developed the new SART IVF predictor at <a href="http://sart.org">sart.org</a>. <a href="https://w3.abdn.ac.uk/clsm/SARTIVF/tool/ivf1">https://w3.abdn.ac.uk/clsm/SARTIVF/tool/ivf1</a></li> </ul>                                      |          |
| Timothy Mighall | Geography & Environment |                              | 15             | 4 Collaboration for SDG best practice | <p>Membership of External Bodies</p> <ul style="list-style-type: none"> <li>• Association of Environmental Archaeology</li> <li>• Early Mines Research Group</li> <li>• Historical Metallurgy Society</li> <li>• Irish Quaternary Association</li> <li>• Quaternary Research Association</li> <li>• Royal Scottish Geographical Society</li> <li>• The Prehistoric Society</li> </ul> <p><b>Research Projects</b></p> <ul style="list-style-type: none"> <li>• Land degradation and environmental change in the Karoo, Eastern Cape, South Africa. See <a href="http://www.eci.ox.ac.uk/research/other/karoo.php">http://www.eci.ox.ac.uk/research/other/karoo.php</a></li> <li>• The function and environmental impact of burnt mounds in prehistory.</li> <li>• The ecology and landscapes of early medieval royal centres.</li> </ul>  |          |

| Name           | Discipline              | Additional Academic Partners | Related SDG(s) | Area                                  | Descriptor of role or involvement  | Evidence  |
|----------------|-------------------------|------------------------------|----------------|---------------------------------------|--|---|
|                |                         |                              |                |                                       | <ul style="list-style-type: none"> <li>Placing early mining and metalworking into its environmental context. <a href="http://www.earlymineresearchgroup.org.uk/">http://www.earlymineresearchgroup.org.uk/</a></li> <li>Holocene environmental changes in NW Iberia</li> </ul>   |   |
| Gearoid Millar | Sociology               |                              | 16             | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>2018-2019 AMBITION AND AMBIVALENCE: PEACE STUDIES IN A CHANGING WORLD; This project examines the balance between ambition and ambivalence in Peace Studies. It does so via a mixed-method approach assessing data collected from academics, students, policymakers, and practitioners and reflecting on the past, present, and future state of the field and its capacity to theorize, research, and provide solutions for future conflicts</li> <li><b>Just Food? Mutual Exchange Network on Just Food System Transitions</b> (Academic year 2021/22) Funded from April 2021 to March 2022 by the British Academy, this action-research project will establish a mutual exchange network on just food system transitions including food system actors from four usually unconnected geographies. <a href="https://www.abdn.ac.uk/socsci/research/just-food-922.php">https://www.abdn.ac.uk/socsci/research/just-food-922.php</a> Dr Gearoid Millar, University of Aberdeen, Dr Lídia Cabral, Institute of Development Studies, Dr Iva Pesa, University of Groningen, Dr Melanie Levick-Parkin, Sheffield Hallam University.</li> </ul> | <a href="https://www.thebritishacademy.ac.uk/news/the-british-academy-funds-international-projects-tackling-global-challenges/">https://www.thebritishacademy.ac.uk/news/the-british-academy-funds-international-projects-tackling-global-challenges/</a> |
| Catia Montagna | Economics               |                              | 10             | 4 Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>External Research Fellow, Centre for Research on Globalisation and Economic Policy, University of Nottingham</li> <li>Associated Researcher, The Tuborg Research Centre for Globalisation and Firms, University of Aarhus</li> <li>Network Member InstED - Institutions, Trade and Economic Development</li> <li>2015-2018: "Globalisation, Labour Markets and the Welfare State", NORFACE Welfare State Futures (€ 807,446) - Project PI, with Holger Görg (IFW-Kiel) and Fredrik Sjöholm (Lund University).</li> <li>2014 -: "Management practices, firms' performance and internationalisation", Pool Engagement in European Research - PEER, Scottish Government, PI:</li> <li>2014 -: "Skill Mismatches and Competitiveness: Workers, Firms and Industries", ESRC/Scottish Government +3 Collaborative Scholarship – student Pietropaolo Vanin (First supervisor, with Keith Bender).</li> </ul>   |   |
| Heather Morgan | Applied Health Sciences |                              | 3, 16          | Collaboration for SDG best practice   | <ul style="list-style-type: none"> <li>Member of the EPSRC-funded BALANCE 'Ways of Being in a Digital Age'/Digital Economies Network</li> <li>Fellow of the Royal Society of Arts (FRSA), 2018</li> </ul>  | <a href="https://waysofbeingdigital.com/">https://waysofbeingdigital.com/</a>   |

| Name           | Discipline | Additional Academic Partners                      | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence |
|----------------|------------|---|----------------|-------------------------------------|--|----------|
|                |            |   |                |                                     | <ul style="list-style-type: none"> <li>Member of the Contact, Help, Advice and Information Network (CHAIN) 'Telecare, telemedicine and teleconsulting' group; 'Bio-technical and adaptive devices' group; and 'Use of social media' group</li> <li>Member Digital Health and Care Institute</li> </ul>   |          |
| Peter Mtika    | Education  | Jackie Ravet<br><br>Pamela Abbott, Aileen Ackland | 1, 4           | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>2018-2019 Educational Inclusion Research and Development Scoping Exercise in Remote and Rural Battambang, Cambodia. (With Dr Jackie Ravet): This needs analysis will enable us to explore the potential for a future joint research project as a means to enhancing the quality of school experiences and outcomes for all children in Battambang, Cambodia Funded by the Scottish Funding Council.</li> <li>2017-2022, Fostering a social practice approach to adult literacies for improving people's quality of life in Western Rwanda This project aims to address the identified challenges in adult literacy in Western Rwanda. (With Prof Pamela Abbott and Dr Aileen Ackland): The project is a collaboration with the University of Rwanda - College of Education, three teacher training colleges and Institute for Policy Analysis and Research. Funded by the Scottish Government.</li> </ul>   |          |
| Thomas Muinzer | Law        |   | 4, 16          | Collaboration for SDG best practice | <p>Dr Muinzer's academic research focuses most pointedly on the Low Carbon Transition, with particular reference to climate law and governance and issues around decarbonisation of the energy sector</p> <ul style="list-style-type: none"> <li>2020, Co-founder, Scottish Climate Emergency Legal Network, and member of the Legislation Working Group at the Legal Services Agency, Glasgow, which co-ordinates the Network.</li> <li>November 2019, appointed Co-Convenor of the Society of Legal Scholars' Energy Law section.</li> <li>January 2018, appointed a Fellow of the Royal Society of Arts, Manufactures and Commerce (FRSA) after nomination from Tom Collins OBE.</li> <li>September 2017, appointed to the Law Society of Scotland's Education and Training (Policy) Committee and its Education and Training (Standard Setting) Sub-Committee, which regulate aspects of solicitors' training in Scotland.</li> <li>July 2017 (onward), facilitator and provider of advisory support to the Centre for United Nations Constitutional Research (Brussels).</li> <li>Associate Fellow of the Higher Education Academy; Member of the Society of Legal Scholars; Associate Member of the Irish Association of Law Teachers, amongst other organisations.</li> </ul> |          |

| Name          | Discipline              | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence |
|---------------|-------------------------|------------------------------|----------------|-------------------------------------|---|----------|
|               |                         |                              |                |                                     | <ul style="list-style-type: none"> <li>Co-founder and Co-editor, Freckle Magazine, the sustainability-themed magazine that celebrates people and place in Northern Ireland, Scotland and beyond. <a href="http://www.frecklenorthernireland.org/subscribeandbuy/">http://www.frecklenorthernireland.org/subscribeandbuy/</a></li> </ul>   |          |
| Phyo Myint    | Applied Health Sciences |                              | 3, 11          | Collaboration for SDG best practice | <p>Collaborations</p> <ul style="list-style-type: none"> <li>Academic Centre for <b>Applied Clinical &amp; Translational Research into Ageing (ACTRA)</b>, Aberdeen <a href="http://www.abdn.ac.uk/iahs/research/actra.php">http://www.abdn.ac.uk/iahs/research/actra.php</a></li> <li><b>Aberdeen Cardiovascular &amp; Diabetes Centre (ACDC)</b></li> <li><b>UK Stroke Registers Collaboration (UKSRC)</b></li> <li>Norwich Research Park Cardiovascular Research Group</li> <li>Keele Cardiovascular Research Group, <a href="#">Centre for Prognosis Research</a></li> <li>Older Persons Surgical Outcome Collaboration (<a href="#">OPSOC</a>)</li> <li>International Community-acquired Pneumonia (CAP) Collaboration Cohort (ICCC)</li> <li>Peking University Clinical Research Institute (<a href="#">PUCRI</a>)</li> <li><a href="#">Ageing &amp; Age-associated Disorders Research Group</a>, Faculty of Medicine, University of Malaya, Malaysia</li> <li><b>Malaysian Elders Longitudinal Research (MELoR) Study</b></li> <li><a href="#">Clinical Gerontology Unit (University of Cambridge)</a></li> <li><a href="#">MRC Epidemiology Unit (Cambridge)</a></li> </ul> |          |
| William Naphy | History                 |                              | 16             | Collaboration for SDG best practice | Professor Naphy is currently working on the production of a two-volume study of sexuality, deviance, and criminality in early modern Geneva. The first volume will concentrate on 'unnatural' sexual activity (as defined by the Genevan courts), while the second volume will look at the wider issue of the control and criminalisation of other forms of sexual activity (for example, fornication and adultery).  |          |
| Dali Nayak    | Biological Sciences     |                              | 2, 12, 15      | Collaboration for SDG best practice | <p>SAGES: Scottish Alliance for Geoscience, Environment and Society<br/> Theme: <a href="#">Carbon and Biogeochemical Cycles: Sustaining Life</a><br/> Theme: <a href="#">Landscape Form, Use and Change: a dynamic Earth</a></p> <p>Research Grants</p> <ul style="list-style-type: none"> <li>A GLOBAL MODEL FOR RICE-BASED GHG EMISSIONS, Nayak, D. &amp; Smith, P. KELLOGG EUROPE TRADING LIMITED: 2018-2023</li> <li>EFFECTIVENESS OF MODIFIED UREA FERTILIZERS IN REDUCING AMMONIA AND NITROUS OXIDE LOSSES AND INCREASING THE NITROGEN USE EFFICIENCY IN RICE (APPLICATION FOR ANKITA PAUL), Smith, J. &amp; Nayak, D. BRITISH COUNCIL: 2021-2022</li> <li>CGIAR RESEARCH PROGRAM - PHASE II: CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY (CCAFS), Nayak, D. &amp; Smith, P. INTERNATIONAL</li> </ul>  |          |

| Name            | Discipline             | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence  |
|-----------------|------------------------|------------------------------|----------------|-------------------------------------|--|---|
|                 |                        |                              |                |                                     | CENTRE FOR TROPICAL AGRICULTURE: 2018-2021 <ul style="list-style-type: none"> <li>IPCC 2019 ALIGNMENT FOR RICE, Smith, P. &amp; Nayak, D. COOL FARM ALLIANCE COMMUNITY INTEREST: 2020-2021</li> <li>LAND ALLOCATION AND VALUATION MODELS PHASE 2, Smith, P. &amp; Nayak, D. NERC: 2019-2020</li> </ul>   |   |
| Madalina Neacsu | Rowett                 |                              | 3, 12, 15      | Collaboration for SDG best practice | <p><b>Buckfood Project.</b> Developing technologies for designing specialised functional foods exploring the potential of high protein crops (i.e. buckwheat, hemp) for T2D prevention/maintenance. Buckfood human study looks at the potential of buckwheat rich foods in modulation of postprandial glycemia in people living with Type 2 diabetes.</p> <p><b>Novel Crops Project.</b> Establish novel or underutilized crops as best candidates for food security and for a healthy sustainable diet.<br/> <a href="https://sefari.scot/blog/2019/10/14/hemp%E2%80%99s-role-in-diet-biodiversification-and-reducing-greenhouse-gas-emissions">https://sefari.scot/blog/2019/10/14/hemp%E2%80%99s-role-in-diet-biodiversification-and-reducing-greenhouse-gas-emissions</a></p> <p><b>Gut health and heart disease Project: Development of specialised food:</b> Exploring various dietary components and strategies (specific Gastro Intestinal Tract targeted food) to deliver functional foods and ingredients as part of nutritional therapies to tackle atherosclerosis. <a href="#">Functional food and gut microbiota -Dr Madalina Neacsu (panopto.eu)</a>; <a href="#">Microbiota-directed food formulation   The Rowett Institute   The University of Aberdeen (abdn.ac.uk)</a></p> | <a href="https://www.abdn.ac.uk/rowett/policy-industry/hemp-project.php">https://www.abdn.ac.uk/rowett/policy-industry/hemp-project.php</a>   |
| Aaron Neil      | Geology and Geophysics | Chris Soulsby                | 6              | Collaboration for SDG best practice | <p>post-doctoral researcher on the ISOLAND project (P.I. Prof Chris Soulsby). The overarching aim of the project is to understand the impact of land use change on the partitioning of water between "blue" and "green" fluxes through integration of stable isotopes and ecohydrological models. My current focus on the project is investigating the impact of vegetation renaturalisation in Scotland on water partitioning through virtual modelling experiments and understanding the information content of different ecohydrological datasets in the context of calibrating and validating complex ecohydrological models.</p> <p>ISOLAND project collaborators: Prof Chris Soulsby (UoA), Prof Christian Birkel (UCR), Prof Marco Maneta (UMT), Prof Jan Boll (WSU), Prof Ricardo Sanchez-Murillo (UNA), Dr Alicia Correa (UCR), Mr Jamie Stevenson (UoA)</p>  |   |
| Nir Oren        | Computing Sciences     |                              | 9              | Collaboration for SDG best practice | SSPEDI (Supporting Security Policy with Effective Digital Intervention): EPSRC funded project examining how humans can be persuaded to follow cybersecure behaviour. This collaborative project with Aberdeen City Council, National Grid, University of Trento, Eindhoven University of Technology and  | <a href="https://gtr.ukri.org/projects?ref=EP%2FP011829%2F1#/tabOverview">https://gtr.ukri.org/projects?ref=EP%2FP011829%2F1#/tabOverview</a> |

| Name            | Discipline              | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence  |
|-----------------|-------------------------|------------------------------|----------------|-------------------------------------|--|---|
|                 |                         |                              |                |                                     | University of Utah, investigates effective ways to improve security communications with users, to enable them to understand security risks, and to persuade them to comply with policy   | <a href="https://www.sspedi.co.uk/">https://www.sspedi.co.uk/</a> |
| Euan Phimister  | Economics               |                              | 8              | Collaboration for SDG best practice | <p>recent work focusses on links between energy, rural development and finance, including understanding the interrelationships between access to energy, food production and the governance of common resources in Sub-Saharan Africa. A significant proportion of his work has involved economic modelling including current work on modelling debt sustainability in resource rich countries.</p> <p>currently leading a ESRC Global Challenges Research Fund (GCRF) project (RALENTIR) on land and soil degradation in Ethiopia, aiming to improve how land conservation measures are designed so benefits to local communities are increased while safeguarding soil conservation. He is also involved in the development of economic and financial analyses with an international team of ecologists aiming to improve invasive species management in Latin America</p> |   |
| Lorna Philip    | Geography & Environment |                              | 15             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• 3 year collaborative research project between University of Aberdeen and the James Hutton Institute examining the long term impacts of flooding on rural communities funded by Scotland's Centre for Research Excellence in Water (CREW).</li> <li>• Aberdeen University representative for the Human Geography, Environment and Urban Planning pathway of the Scottish Graduate School of Social Sciences ESRC Doctoral Training Partnership</li> <li>• Aberdeen University representative on the Board of the Scottish Graduate School of Social Sciences ESRC Doctoral Training Partnership, 2013 to 2019</li> </ul>   |   |
| Stuart Piertney | Biological Sciences     |                              | 14, 15         | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Panel Chair (Ecology and Evolution) - NERC Peer review College.</li> <li>• Steering Committee Chair - NERC Biomolecular Analysis Facility.</li> <li>• Board of Trustees - South Atlantic Environment Research Institute (SAERI).</li> </ul> <p>Research Projects</p> <ul style="list-style-type: none"> <li>• Emergence, spread and persistence of maine invasive non-native species (with Marine Scotland Science, and South Atlantic Environment Research Institute).</li> <li>• Genome-wide responses to demographic perturbation in insular populations of water voles (BBSRC)</li> <li>• <i>PolyExESS</i> - Extreme environment simulation system for experimental evolution (NERC).</li> <li>• The ecology, evolution and epidemiology of zoonotic pathogens in fragmented multi-host populations (BBSRC).</li> </ul>         |   |

| Name         | Discipline              | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence  |
|--------------|-------------------------|------------------------------|----------------|-------------------------------------|---|---|
|              |                         |                              |                |                                     | <ul style="list-style-type: none"> <li>The epigenomic landscape of maternal effects in the soil mite <i>Sancassania berlesei</i> (NERC).</li> </ul>   |   |
| Betina Platt | Medical Sciences        |                              | 3              | Collaboration for SDG best practice | <p>Professor Platt heads a multi-disciplinary research team that investigates aspects of brain function and malfunction from the single molecule to the systems level. Professor Platt's national and international collaborations have brought together novel research strategies, technologies and disciplines such as imaging, drug discovery, electronics, and computer science</p> <ul style="list-style-type: none"> <li>Executive Board member, Scottish Dementia Research Consortium</li> <li>North-East of Scotland Alzheimer Research UK (ARUK) network coordinator (preclinical)</li> <li>Member of the ARUK Scientific Advisory Board</li> <li>Alzheimer's Society Grant Advisory Board.</li> <li>Editorial Advisory Board, Recent Patents on CNS Drug Discovery Research Grants</li> <li>2017-2022 NEURONAL HBACE1: THE LINK BETWEEN ALZHEIMER'S DISEASE AND DIABETES</li> <li>2017- 2021 EUROPEAN QUALITY IN PRECLINICAL DATA (EQIPD).</li> <li>2017-2019 SPATIO-TEMPORAL PROFILING OF SOLUBLE PROTEIN SPECIES IN HUMAN ALZHEIMER'S DISEASE</li> <li>2015-2019 METABOLIC AND VASCULAR CONTRIBUTORS TO DEMENTIA</li> </ul> | <a href="https://www.alzheimersresearchuk.org/for-researchers/network-centres/scotland-network-centre/whos-who/">https://www.alzheimersresearchuk.org/for-researchers/network-centres/scotland-network-centre/whos-who/</a> |
| Andy Porter  | Medical Sciences        | Caroline Barelle             | 3              | Collaboration for SDG best practice | <p>Saving sight with drugs derived from sharks: University of Aberdeen spinout Elasmogen is developing innovative, non-invasive medical technology for treating inflammatory diseases.</p>  | <a href="https://www.abdn.ac.uk/stories/saving-sight/index.html">https://www.abdn.ac.uk/stories/saving-sight/index.html</a>   |
| Tavis Potts  | Geography & Environment |                              | 14             | Collaboration for SDG best practice | <p>With Geographical research interests in Scotland and the UK, North-East Europe, the Polar regions; East Asia; Australia and Peru. Professor Potts is actively involved moving between social science and policy practice in the UK.</p> <p>Research Grants</p> <ul style="list-style-type: none"> <li>Accelerating progress towards the UN sustainable development goals through changing behaviour and attitudes 2021</li> <li>Smart traceability and labelling toolbox for a sustainable seafood production (SEA-TRACES) 2018-2021</li> <li>Exploring a just transition in Scotland 2019-2021</li> <li>Review of Evidence for defining fishing dependent communities 2020</li> <li>Review of evidence on the typologies, exemplars and impacts of Marine Citizen Science initiatives 2020</li> <li>The political Ecology of Coastal Societies 2019-2020</li> </ul>   |   |
| Craig Ramsay | Applied Health          |                              | 3              | Collaboration for SDG best practice | <p>Collaboration with Professor Jan Clarkson, Clinical Effectiveness, University of Dundee; Director of SDCEP, NHS Education for Scotland (NES) to carry out a</p>  | <a href="https://oralhealth.cochrane.org/news/reco">https://oralhealth.cochrane.org/news/reco</a>   |



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|                  | Sciences                  |                              |                |                                     | 16-country review in response to COVID-19 pandemic, which led to the closure of dental practices or a reduction of dental services all over the world. The review provides guidance for countries reopening or planning to reopen dental services as part of an exit from lockdown strategy. The rapid review was undertaken to assist policy and decision makers in producing comprehensive national guidance for their own settings   | mmendations-re-opening-dental-services-rapid-review-international-sources  |
| Jacqueline Ravet | Education                 |                              | 4              | Collaboration for SDG best practice | Principal Investigator of an international team of researchers exploring educational inclusion in Cambodia. The team includes Jackie Ravet and Peter Mtika from the School of Education, University of Aberdeen; two researchers from the University of Battambang, Cambodia; the Depute Director and a Senior Lecturer from Battambang Teacher Education College; the Managing Director of KHEN, an Education NGO based in Battambang city, Cambodia. GCRF/IPPF (3) funding (£7,000) for Scoping Study: Educational Inclusion in Cambodia and GCRF/IPPF (5) funding (10,000) Capacity Building for Educational Inclusion in Cambodia<br><br>Autism, Drama and Wellbeing: CSO Health Improvement, Protection and Services Research Committee, Ravet, J., Williams, J. & Barlow, W. 2018-2021    | <a href="https://www.tandfonline.com/doi/full/10.1080/13603116.2021.1916104">https://www.tandfonline.com/doi/full/10.1080/13603116.2021.1916104</a>  |
| Brice Rea        | Geography and Environment | Matteo Spagnolo              | 13, 15         | Collaboration for SDG best practice | 2016 – present, Chair of the Executive Committee of SAGES<br>2014 – present, Executive Committee member of SAGES (Scottish Alliance for Geoscience, Environment and Society)<br><br>Scottish Alliance for geoscience, environment and society (SAGES). <b>SAGES</b> pools world-leading expertise in geoscience and environmental science from across Scotland’s research base, creating a multi-disciplinary alliance at the forefront of earth and environmental research. Professor Brice Rea serves as the SAGES Executive Committee Chair and Advisory Board member. DR Matteo Spagnolo serves as the SAGES Centre for Earth Systems Dynamics Co theme Leader and Research & Innovation Committee member. More than 60 academic staff from the University of Aberdeen are society members. | <a href="https://www.sages.ac.uk/about/people/executive-committee/">https://www.sages.ac.uk/about/people/executive-committee/</a><br><br><a href="https://www.abdn.ac.uk/people/b.rea/#panel_profile">https://www.abdn.ac.uk/people/b.rea/#panel_profile</a> |
| Jane Reid        | Biological Sciences       |                              | 10             | Collaboration for SDG best practice | understanding eco-evolutionary dynamics driven by combinations of movements (i.e., dispersal and reversible seasonal migration), and links to mating system evolution.<br><br>Three broad research areas, spanning population, evolutionary and conservation ecology:<br>1) Evolutionary ecology and quantitative genetics of inbreeding, mating systems and fitness, and impacts of dispersal <b>Collaborators:</b> Peter Arcese   | <a href="https://www.abdn.ac.uk/people/jane.reid/#panel_research">https://www.abdn.ac.uk/people/jane.reid/#panel_research</a>  |

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|               |                   |                              |                |                                     | <p>(UBC), Lukas Keller (Zurich), Pirmin Nietlisbach (Illinois) <b>Recent funding:</b> European Research Council Starting Grant (2013-2018), Centre for Biodiversity Dynamics (2020-2023).</p> <p>2) Eco-evolutionary dynamics in spatially-structured seasonally-varying environments <b>Collaborators:</b> Francis Daunt, Sarah Burthe, Sarah Wanless, Mike Harris, Mark Newell (UK-CEH), with huge thanks to many volunteer field observers! <b>Recent funding:</b> Norwegian Research Council FRIPRO Grant (2021-2024); Natural Environment Research Council (NERC) Discovery Grant (2018-2020); NERC Discovery Grant (2021-2024 - PI Emma Cunningham); NERC Highlight Topic Grant (2019-2023 - PI Francis Daunt); Centre for Biodiversity Dynamics (2020-2023).</p> <p>3) Ecological and genetic constraints on population demography and viability, and application to conservation strategy <b>Collaborators:</b> Eric &amp; Sue Bignal (Scottish Cough Study Group), Pat Monaghan (University of Glasgow), Davy McCracken (SRUC) <b>Recent funding:</b> Natural Environment Research Council (NERC) iCASE studentship (2017-2021); NatureScot research grants (2014-2020)</p> <p>Jane is committed to actively translating research into public understanding and conservation management policy and aim to foster processes that link science and policy outcomes.</p> |   |
| Ehud Reiter   | Computing Science |                              | 3, 9           | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• <a href="#">Philhumans</a> (EU) (2019-2023) - Using AI to support personal health apps.</li> <li>• <a href="#">NL4XAI</a> (EU) (2019-2023) - Explaining AI reasoning in natural language</li> <li>• <a href="#">ReproHum</a> (EPSRC) (2021-2023) - Investigating Reproducibility of Human Evaluations in Natural Language Processing</li> <li>• Chair of ACL Special Interest Group on Generation (<a href="#">SIGGEN</a>)</li> </ul>   |   |
| Gernot Riedel | Medical Sciences  |                              | 3              | Collaboration for SDG best practice | <p>Member of the Organising Committee, Alzheimer Research UK, Scotland Network Centre: The Network is designed to support dementia research through the funding of collaborative science and networking to share findings and resources. First established in 1998, the Research Network now comprises of 15 Centres with a total of over 2,000 dementia researchers – both basic scientists and clinicians – around the UK</p> <p>British Neuroscience Association (BNA): Aberdeen Group Leader <a href="https://www.bna.org.uk/members/local-groups/aberdeen/">https://www.bna.org.uk/members/local-groups/aberdeen/</a> A network of BNA Local Groups, at universities and institutes engaged in neuroscience research across the UK, allows the BNA to properly represent national</p>   | <a href="https://www.alzheimersresearchuk.org/for-researchers/network-centres/scotland-network-centre/whos-who/">https://www.alzheimersresearchuk.org/for-researchers/network-centres/scotland-network-centre/whos-who/</a> |

| Name           | Discipline             | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence   |
|----------------|------------------------|------------------------------|----------------|-------------------------------------|--|--|
|                |                        |                              |                |                                     | neuroscience. The Local Group network acts as a two-way conduit for information between members and the BNA Council and Committee.   |  |
| Wendy Russell  | Rowett                 |                              | 3, 13          | Collaboration for SDG best practice | <p>Chair of the ILSI Expert Group 'Efficacy of intervention in metabolic syndrome' Objectives of this project are to better understand the role of diet on the defining criteria of metabolic syndrome (i.e. low HDL-cholesterol, high blood pressure, hyperglycemia/insulin resistance, hypertriglyceridaemia and adiposity) and their impact on the risk of cardio-metabolic diseases.</p> <p>Convener and Trustee of the Board 'AAB Food Systems Group' Within the Food Systems Group, we hope to identify the role in which applied biology underpins our food system and also what can be contributed at an international level. We aim to work with stakeholders across the food supply chain involved in all aspects of food production and to provide a forum for debate and advancement of knowledge of this important scientific topic.</p> <p>Committee Member 'RSC Food Group' The aims of the group are to promote the role of chemistry in food and enable transfer and sharing of information and networking between academia and the food industry. This includes analytical, biochemical, chemical, physical, nutritional and toxicological aspects of food and food ingredients and the composition and relationships between structure and functionality throughout the entire food chain in a way to enhance sustainability and food and nutrition security.</p> <p>Chair of the ILSI Expert Group 'Nutritional Management of Postprandial Glycaemia' This project has reviewed the state-of-the-art regarding dietary components and blood glucose.</p> <p>ILSI Committe 'Low Grade Inflammation - A High Grade Challenge' This project provided a platform to discuss with key stakeholders the challenges of low-grade inflammation and its importance as a pathological feature of numerous common chronic diseases.</p> | <p><a href="https://ilsi.eu/task-forces/nutrition/obesity-and-diabetes/">https://ilsi.eu/task-forces/nutrition/obesity-and-diabetes/</a></p> <p><a href="https://www.aab.org.uk/food-systems">https://www.aab.org.uk/food-systems</a></p> <p><a href="https://www.rsc.org/Membership/Networking/InterestGroups/Food/index.asp?e=1">https://www.rsc.org/Membership/Networking/InterestGroups/Food/index.asp?e=1</a></p> <p><a href="https://ilsi.eu/publication/impact-of-diet-composition-on-blood-glucose-regulation/">https://ilsi.eu/publication/impact-of-diet-composition-on-blood-glucose-regulation/</a></p> <p><a href="https://ilsi.eu/publication/low-grade-inflammation-diet-composition-and-health-current-research-evidence-and-its-translation/">https://ilsi.eu/publication/low-grade-inflammation-diet-composition-and-health-current-research-evidence-and-its-translation/</a></p> |
| Arash Sahraie  | Psychology             |                              | 3              | Collaboration for SDG best practice | <p>Founder of Sight Science Ltd, NovaVision's UK subsidiary. Provides collaborative research to develop NeuroEyeCoach, and sits on the NovaVision Scientific Advisory board</p>  | <a href="https://www.sightscience.com/advisory-board/">https://www.sightscience.com/advisory-board/</a>  |
| Nick Schofield | Geology and Geophysics |                              | 12, 15         | Collaboration for SDG best practice | <p>Studies led by University of Aberdeen geologist, Dr Nick Schofield have been at the forefront of allowing the industry to understand the challenging geology that lies beneath the seabed around the UKCS, particularly in relation to buried ancient volcanic landscapes.</p>  | <a href="https://www.abdn.ac.uk/stories/unearthing-potential/">https://www.abdn.ac.uk/stories/unearthing-potential/</a>  |

| Name          | Discipline          | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement   | Evidence   |
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| Beth Scott    | Biological Sciences |                              | 7, 14, 15      | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• ORE SUPERGEN HUB 2018-22: Engineering and Physical Sciences Research Council (EPSRC) funded research consortium providing research leadership to connect academia, industry, policy and public stakeholders, inspire innovation and maximise societal value in offshore wind, wave and tidal energy.</li> <li>• PPCC: Modelling primary production in Scottish waters and the impact of large scale marine renewables and climate change. MASTS, MSS (2018-2022)</li> <li>• DEPTH: Determining the ecology and physics of tidal stream habitats. EMEC, SAMS/UHI, MSS (2017-2021)</li> <li>• INDI-POP: Individuals to populations: The potential effects of large tidal arrays on mobile marine populations (Open NERC CASE 2017-21)</li> </ul>   | <a href="https://www.supergen-ore.net/">https://www.supergen-ore.net/</a><br><br><a href="http://gotw.nerc.ac.uk/list_full.asp?pcode=NE%2FP010067%2F1&amp;cookieConsent=A">http://gotw.nerc.ac.uk/list_full.asp?pcode=NE%2FP010067%2F1&amp;cookieConsent=A</a> |
| Pradip Sharma | Computing Science   |                              | 7, 11          | Collaboration for SDG best practice | <p>Assistant Professor in Cybersecurity in the Department of Computing Science. current research interests are focused on the areas of Cybersecurity, Blockchain, Edge computing, SDN, and IoT security.</p> <p>Dr. Pradip Kumar Sharma has been listed in the world's Top 2% Scientists for citation impact during the calendar year 2019 by Stanford University, and invited to serve as the technical programme committee member and chair in several reputed international conferences such as IEEE CNCC 2021, ACM ICDCN 2021, CSA 2021, CSA 2020, IEEE ICC2019, IEEE MENACOMM'19, 3ICT 2019</p>  |  |
| Jo Smith      | Biological Sciences |                              | 2, 13, 15      | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Optimising Water Use and soil Carbon Sequestration – Can agricultural co-cropping systems provide multiple benefits to address climate change, J Gerris, J Smith, Scottish Funding Council (SULSA), 2021-2025</li> <li>• GCRF South Asian Nitrogen Hun (Lead by CEH), J Smith, A Price, P Smith, J Travis, EPSRC, 2019-2024</li> <li>• Reducing Land Degradation and Carbon Loss from Ethiopia's Soils to Strengthen Livelihoods and Resilience (RALENTIR), E Phimister, P Hallett, J Smith, V Watson, ESRC, 2019-2022</li> <li>• MIDST-CZ: Maximising Impact by Decision Support Tools for Sustainable Soils and Water through UK-CHINA Critical Zone Science, P Hallett, J Geris, J Smith, C Soulsby, NERC, 2019-2022</li> <li>• The Global Methane Budget, NERC, 2016-2020</li> <li>• Biochar to address air pollution, climate change, food security and farmers income, Academy of Medical Sciences, 2019-2020</li> </ul> |  |

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|               |                         |                              |                        |                                     | <ul style="list-style-type: none"> <li>Newton-Bhabha Virtual Centre on nitrogen efficiency of whole cropping systems for improved performance and resilience in agriculture (NEWS INDIA-UK), J Smith, A Price, BBSRC, 2016-2019</li> </ul>   |          |
| Pete Smith    | Biological Sciences     |                              | 1, 2, 6, 7, 12, 13, 15 | Collaboration for SDG best practice | <p>Research projects include but are not limited to:</p> <ul style="list-style-type: none"> <li>Climate Neutral Farms – Cliefarms, European Commission, 2022-2025</li> <li>Greenhouse Gas removal Plus (GGR+): Sustainable Treescapes Demonstrator and Decision Tool, A Hastings, P Smith, BBSRC, 2021-2025</li> <li>GCRF South Asian Nitrogen Hun (Lead by CEH), J Smith, A Price, P Smith, J Travis, EPSRC, 2019-2024</li> <li>SUPER-G, European Commission, 2018-2023</li> <li>Dynamic Monitoring, Reporting and Verification for implementing negative emissions strategies in managed ecosystems (RETINA), NERC, 2020-2022</li> <li>Centre of Expertise Climate Change – Mitigation Model, Scottish Government RERAD, 2011-2022</li> <li>GCRF – AFRICAP – Agricultural and Food-System Resilience: increasing capacity and advising policy, P Smith, J Macdiarmid, BBSRC, 2017-2022</li> <li>Observation-based system for monitoring and verification of greenhouse gases (VERIFY), P Smith, A Hastings, European Commission, 2018-2022</li> <li>What are the interconnections between the food we eat and Climate change? P Smith, D Feliciano, Wellcome Trust, 2021-2022</li> <li>ADVENT (Addressing valuation of energy and nature together), P Smith, A Hastings, NERC, 2015-2021</li> <li>CIGAR Research Program – Phase II: Climate Change, Agriculture and Food Security (CCAFS), D Nayak, P Smith, International Centre for Tropical Agriculture, 2018-2021</li> <li>Soils Research to deliver greenhouse gas removals and abatement technologies (SOILS-R-GGREAT), P Smith, D Feliciano, NERC, 2017-2021</li> <li>Understanding and Improving the sustainability of Agro-ecological Farming systems in the EU (UNISECO)</li> <li>Sustainable and Healthy Food Systems, P Smith, J Macdiarmid, Wellcome Trust, 2017-2021</li> <li>Coordination of international Research cooperation on soil carbon sequestration in Agriculture (CIRCASA), European Commission, 2017-2020</li> </ul> |          |
| Chris Soulsby | Geography & Environment |                              | 6, 11, 13, 15          | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Theme leader in Process Conceptualization – International Association of Hydrological Sciences (IAHS) Initiative in Prediction in Ungauged Basins (PUB).</li> </ul>   |          |

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|------|------------|------------------------------|----------------|------|--|--|
|      |            |                              |                |      | <ul style="list-style-type: none"> <li>• International Association of Hydrological Sciences Prediction in Ungauged Basins Initiative - UK Working Group.</li> <li>• Hydromorphology Working Group, Scottish Environment Protection Agency (2004-)</li> <li>• International Association of Hydrological Sciences</li> <li>• European Geophysical Society</li> <li>• American Geophysical Union</li> <li>• British Hydrological Society</li> <li>• Fisheries Society of the British Isles</li> <li>• Royal Geographical Society</li> <li>• British Geomorphological Research Group</li> </ul> <p>Research Projects (Include)</p> <p><b>Streamflow generation in catchment systems:</b> Our particular interests are the flow paths that water takes through catchments, the length of time taken to reach river channels and the biogeochemical processes that it is subjected to. A main thrust of recent research has been based on the Catchment Hydrology And Sustainable Management (CHASM) initiative funded by NERC/JIF and based in the 225km<sup>2</sup> river Feshie catchment in the Cairngorms. Collaborations include Dr Susan Waldron of the University of Glasgow and Dr Doerthe Tetzlaff</p> <p><b>Integrating tracers and modelling in catchment hydrology:</b> Building from work in the Allt a' Mharcaidh catchment in the western Cairngorms, we have strong interests in integrating the findings of tracer studies in catchment modelling. A current theme, involving Dr Doerthe Tetzlaff and Dr Sarah Dunn at the Macaulay Institute, is applying such approaches at larger spatial scales in the Feshie, Feugh and Girnock catchments in the Cairngorms.</p> <p><b>Groundwater - surface water interactions in upland catchments:</b> long standing interest in the role of groundwater in influencing the hydrology, chemistry and ecology of upland streams and rivers. Recent initiatives have involved collaboration with Dr Iain Malcolm at the Freshwater Laboratory in Pitlochry, Atul Haria (Centre for Ecology and Hydrology) and Paul Shand (British Geological Survey).</p> <p><b>Hydroecology of the hyporheic zone:</b> The physical, chemical and ecological significance of the hyporheic zone is being investigated in a number of streams to ascertain; (a) spatial variation in groundwater inputs into stream</p> | <p><a href="https://www.abdn.ac.uk/people/c.soulsby/#panel_research">https://www.abdn.ac.uk/people/c.soulsby/#panel_research</a></p> |

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|               |                     |                              |                |                                     | <p>channels, (b) the effects on streamwater chemistry and (c) the consequences for aquatic organisms. This work is collaborative with Dr Iain Malcolm and Alan Youngson of the FRS-Freshwater Laboratory in Pitlochry.</p> <p><b>Habitat hydraulics and thermal regimes in salmon spawning rivers:</b> The influence of in-stream hydraulics on salmon habitats is being investigated in relation to spawning activities and the provision of food to juvenile fish. Collaborations include Dr's Chris Gibbins, Doerthe Tetzlaff, Iain McEwan and Dubravka Pokrajac, and Dr David Hannah of the University of Birmingham.</p> <p><b>Management of wetlands:</b> Conservation objectives in wetlands ranging from lowland raised bogs in Scotland to seasonal flood plain wetlands in Africa, often involve hydrological assessment for rehabilitation. Our major current initiative focuses on the wetlands of Kasanka National Park in Zambia. With funding from the Darwin Initiative, and in collaboration with Professor Paul Racey (School of Biological Sciences, University of Aberdeen), Dr Glenn Iason (Macaulay Institute) and Post-Doctoral Research Fellow Dr Mike Kennedy we are examining the hydrological functioning of a range of wetlands.</p>  |          |
| John Speakman | Biological Sciences |                              | 3              | Collaboration for SDG best practice | <p>currently addresses several key issues with respect to energy balance</p> <p><b>1) the role and mechanism by which restriction of calorie intake leads to improved health and lifespan.</b> This work has been mainly performed in mice and utilised a method of exposing animals to graded levels of restriction to elucidate the patterns of change as restriction becomes more intense. Full details of this work can be found on the open science framework pages <a href="https://osf.io/9yath">https://osf.io/9yath</a> . In 2020 published a revolutionary new idea about why CR has the effects it does - called the 'clean cupboards' hypothesis published in the <i>National Science Review</i></p> <p><b>2) The impact of macronutrients on weight regulation.</b> There is a long standing debate about the roles played by different macronutrients in weight regulation. We have been working in this field mostly by exposing mice to different macronutrient diets and monitoring their responses in terms of food intake and body weight. A major paper on this work was published in <i>Cell metabolism</i> in 2018. (Hu et al 2018: Cell metabolism).</p> <p><b>3) Measuring energy demands of free-living animals and humans using the doubly-labelled water method</b></p> <p><b>4) Exploring the links between fast food consumption and obesity</b></p> <p><b>5) The IAEA doubly-labelled water human database</b> <a href="https://doubly-labelled-water-database.iaea.org/home">https://doubly-labelled-water-database.iaea.org/home</a></p> <p>External committees</p> |          |

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|              |   |                              |                |                                     | <p><b>Royal Society</b></p> <ul style="list-style-type: none"> <li>Section 10 medical sciences election committee</li> <li>Newton Fund International Fellowships Chairman</li> <li>University Research Fellowships (Panel B)</li> </ul> <p><b>Royal Society of Edinburgh</b></p> <ul style="list-style-type: none"> <li>Section A3 election committee</li> </ul>   |   |
| Trevor Stack | Language, Literature, Music, Visual Culture |                              | 16             | Collaboration for SDG best practice | <p>Trevor Stack is the Director of The Centre for Citizenship, Civil Society, and Rule of Law (CISRUL) which studies the life in the world of political concepts. The interdisciplinary Centre examines how political principles function within and beyond the contemporary West. Concepts such as citizenship, civil society, and the rule of law are used as often by policy makers as by scholars. Core to CISRUL's mission is informing academic and public debate on how they are used, and to what effect. Collaboration with the POLITICO International Expert Advisors (IEA) meet annually and review the overall progress of the programme.</p>  | <p><a href="https://cisrul.blog/">https://cisrul.blog/</a></p> <p><a href="https://cisrul.blog/2017/12/20/visiting-scholars/">https://cisrul.blog/2017/12/20/visiting-scholars/</a></p> |
| John Storey  | Chemistry                                   |                              | 3              | Collaboration for SDG best practice | <p>Professor Storey holds the Chair of Pharmaceutical Industrial Chemistry at University of Aberdeen; co-inventor in 10 patent applications, he and his team have synthesized TauRx's portfolio of drug candidates and are responsible for their chemical scale-up, analysis, encapsulation and formulation. He also manages the TauRx GLP test facility, situated at the University of Aberdeen, which is the only University-based facility in the UK that is both GLP and GCP compliant, and is a co-inventor of 10 patents pending with TauRx.</p> <ul style="list-style-type: none"> <li>Synthesis of biologically active fused pyridine, pyrimidine and pteridine heterocycles via radical translocation followed by cyclisation.</li> <li>A protecting group strategy for the synthesis of C-glycosides, disaccharides and fused carbosugars.</li> <li>Iodine atom transfer cyclisation as a route to a range of heterocyclic systems of biological significance.</li> <li>New methods of conducting and mediating radical reactions with an emphasis on the development of environmentally friendly systems.</li> <li>The use of organic molecules as asymmetric catalysts.</li> </ul> | <p><a href="https://taurx.com/senior-management-team.html">https://taurx.com/senior-management-team.html</a></p>  |
| John Swinton | Divinity                                    |                              | 3              | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>member of the Scottish Association of Healthcare Chaplains</li> <li>registered member of the NMC. (Nursing and Midwifery Council)</li> <li>National Board of Social Responsibility within the national Church of Scotland and the local boards of mission and ministry</li> </ul>   |   |



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|             |            |                              |                |                                     | <p><a href="#">The Kairos Forum for people with Intellectual or Cognitive Disabilities</a> (KFICD) seeks to highlight and respond to the spiritual and religious needs of people with disabilities. Our aim is to facilitate the crafting and empowerment of 'community of belonging', both within religious and secular settings. Our expertise will provide specialist services and resources which will enable and empower people with disabilities to experience dignity, respect, care, access and authentic participation within well formed and empathic communities</p> <p><a href="#">European Society for Theology and Disability</a> The European Society for the Study of Theology and Disability seeks to stimulate and support theological reflection on the lives of people with disabilities and their families. The Society brings together people who are committed to support the increasing participation of people with disabilities in Christian communities and in society at large through their research and writing.</p> <p>Professor Swinton has also been directly involved in the Purple Bicycle Project. This project involved 860 care homes and various regulatory bodies, including Alzheimer's Scotland and Age Scotland. The report from this has now been published via the FIOP newsletter and their annual report which goes out to 900 individuals and organisations. This process is being rolled out across care homes in Scotland and beyond<br/> <a href="https://www.faithinolderpeople.org.uk/project/spiritual-care-for-people-with-dementia-in-care-homes/">https://www.faithinolderpeople.org.uk/project/spiritual-care-for-people-with-dementia-in-care-homes/</a></p> |          |
| Andrea Teti | Politics   |                              | 8              | Collaboration for SDG best practice | <p>Andrea is Board member of the <a href="#">Centre for Civil Society and Rule of Law</a> and of the <a href="#">POLITICO</a> doctoral programme, as well as member and formerly Director of both the Centre for Modern Thought and the <a href="#">Centre for Global Security and Governance</a>.</p> <p>Andrea appears regularly on national and international media, including the BBC, <a href="#">Al-Jazeera</a> English, France24, the Canadian Broadcasting Corporation, Australia's SBS, <a href="#">Deutsche Welle</a>, Voice of America, and Italy's RAI state broadcaster. He is also a regular contributor to <a href="#">OpenDemocracy</a> and <a href="#">The Conversation</a>, and has been featured on various newspapers and magazines</p> <ul style="list-style-type: none"> <li>• 2019+: Committee for Academic Freedom, British Society for Middle East Studies</li> <li>• 2019+: External Examiner, University of Exeter, MA in International Relations of the Middle East</li> </ul> <p>2019-2022: Trustee, British Society for Middle East Studies</p>   |          |

| Name                | Discipline          | Additional Academic Partners | Related SDG(s) | Area                                | Descriptor of role or involvement  | Evidence  |
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| Paul Thompson       | Biological Sciences |                              | 14             | Collaboration for SDG best practice | 2014-2019, Beatrice Offshore Wind Ltd, Moray Offshore Renewables Ltd, Marine Scotland, The Crown Estate, Highlands & Islands Enterprise, Marine Mammal Monitoring Programme for Moray Firth windfarm developments  | <a href="#">Impact case study : Results and submissions : REF 2021</a>  |
| David Toke          | Politics            |                              | 7              | Collaboration for SDG best practice | Senior Lecturer in the Departments of Sociology and Political Science and International Studies. He is currently involved in a programme funded by Scottish Universities Insight concerned with community participation in net zero energy transition in the North East of Scotland. His latest work is entitled 'Nuclear Power in Stagnation: A Cultural Approach to Failed Expansion'. Countries studied include USA, UK, France, China, South Korea and Russia His 'green energy blog' has been highly regarded since 2010. Most recently he has led the formation and campaigns associated with 100percentrenewableuk, see <a href="https://100percentrenewableuk.org/">https://100percentrenewableuk.org/</a> |   |
| Justin Travis       | Biological Sciences |                              | 10, 13         | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Full member of NERC Peer Review College (2011-present).</li> <li>• 2018-2022 NERC Research Grant, "Forecasting biodiversity losses in Wallacea from ecological and evolutionary patterns and processes". PI of international team.</li> <li>• 2018-2022 BBSRC Studentship Grant, "Using artificial intelligence to improve the forecast for biodiversity under environmental change"</li> <li>• 2017-2021 NERC Research Grant, "Linking demographic theory and data to forecast the dynamics of spatially-structured seasonally-mobile populations" Co-I responsible for developing mechanistic migration models.</li> </ul>  | <a href="https://nerc.ukri.org/funding/application/peerreview/">https://nerc.ukri.org/funding/application/peerreview/</a> |
| Marta Trzebiatowska | Sociology           |                              | 5              | Collaboration for SDG best practice | Senior Lecturer in Sociology, her research focuses on taking religion, and more recently non-religion, seriously and on the relationship between religious and secular discourses and gender politics. Current research (funded by the British Academy) investigates the reality of being nonreligious in a religious society by examining the everyday lives of nones - the unchurched or unaffiliated - in contemporary Poland. <b>British Academy, Going Against the Grain? Nonreligion in Poland.</b> PI, Duration: October 2017 - August 2019   |   |
| Pieter Van West     |                     |                              | 12, 14         | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• President of the British Mycological Society</li> <li>• Director of the International Centre for Aquaculture Research and Development (ICARD) to satisfy the demand for healthy and nutritious aquaculture products the International Centre for Aquaculture Research and Development (ICARD), based at the University of Aberdeen, aims to play a key role in helping national and global aquaculture farmers and industries achieving their goals</li> </ul>  | <a href="https://www.abdn.ac.uk/icard/">https://www.abdn.ac.uk/icard/</a>   |
| Claire Wallace      | Sociology           |                              | 1, 8, 10       | Collaboration for SDG               | Principal Investigator on an Horizon 2020 Project about Cultural Tourism   |   |

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|                  |                     |                              |                | best practice                       | <p>(<a href="https://www.SPOTprojectH2020.eu">https://www.SPOTprojectH2020.eu</a> ) and a partner of the ESRC-sponsored Research Centre DIGIT, focused on digital working (<a href="https://digit-research.org/">https://digit-research.org/</a> )</p> <ul style="list-style-type: none"> <li>• Fellow of the Academy of Social Sciences,</li> <li>• Member of the European Sociological Association</li> <li>• Member of the International Sociological Association</li> </ul>   |   |
| Stephen Woodward | Biological Sciences |                              |                | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>• Fellow of the Royal Society of Biology</li> <li>• Member of the British Mycological Society</li> <li>• Member of the British Society for Plant Pathology</li> <li>• Fellow of the Royal Society of Biology</li> <li>• Member of the British Mycological Society</li> <li>• Member of the British Society for Plant Pathology</li> <li>• Management Committee member, COST Action FP1401: Global Warning: The aims of the Action are to 1) establish a network of scientists and regulators in countries where sentinel nurseries with trees grown from seed could be established or where there are botanical gardens, arboreta or other plantations with foreign tree species, 2) suggest common protocols for the monitoring and identification of pests and 3) explore ways to regulate the establishment of such nurseries as well as the use of data collected through them</li> <li>• Verticillium wilt in DR Congo and Uganda Funded by CRUK and University of Aberdeen and Esco (2017 to 2019) Researcher: Prof. Stephen Woodward and Dr. Eric Boa This project sets out to gain a better understanding of Verticillium wilt and how it can be managed in the cocoa growing area in DR Congo (DRC) and Uganda. A PhD student will be developing methods to detect the pathogen and assess its distribution and genetic diversity. The project is largely supported by the University of Aberdeen and Esco with a contribution from CRUK.</li> </ul> <p>Research Grants</p> <ul style="list-style-type: none"> <li>• COORDINATED BY STATENS LANTBRUKSUNIVERSITET, SWEDEN: PATHOGEN-INFORMED RESISTANCE TO OOMYCETE DISEASES IN ECOSYSTEMS, AGRICULTURE AND AQUACULTURE (PROTECTA). van West, P. &amp; Woodward, S. EUROPEAN COMMISSION 2018-2022</li> <li>• MECHANISMS OF ACTION OF SUSTAINABLE DISEASE CONTROL AGENTS AGAINST ROOT PATHOGENS IN RICE. FUNDS FOR ISTIAQ AHMED Woodward, S. COMMONWEALTH SCHOLARSHIP COMMISSION IN THE UNITED KINGDOM 2017-2020</li> </ul> | <p><a href="https://www.ibles.pl/en/web/cost/objectives">https://www.ibles.pl/en/web/cost/objectives</a></p> <p><a href="http://www.cocoaresearch.org.uk/search_projects2.php?category=main_disease">http://www.cocoaresearch.org.uk/search_projects2.php?category=main_disease</a></p> |

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|               |                     |                              |                |                                     | <ul style="list-style-type: none"> <li>PLANT PROTECTION AND PEST CONTROL, Woodward, S. KUWAIT EMBASSY 2017-2020</li> <li>VERTICILLIUM WILT OF POTATO: IMPACT AND HOST RANGE AMONG CROPS WITH STRONG EXPORT POTENTIAL IN THE EAST AND CENTRAL AFRICA (CASE OF RWANDA, UGANDA AND DR CONGO). FUNDS FOR ALEXANDRE RUTIKANGA, Woodward, S. COMMONWEALTH SCHOLARSHIP COMMISSION IN THE UNITED KINGDOM 2017-2020</li> <li>VERTICILLIUM WILT OF COCOA IN DR CONGO AND UGANDA Woodward, S. COCOA RESEARCH UK LTD 2017-2020</li> <li>VERTICILLIUM WILT AFFECTING COCOA IN UGANDA AND DR CONGO. 50:50 STUDENTSHIP FOR ANNE-SOPHIE BOUCHON. Woodward, S. ESCO KIVU SARL 2017-2020</li> <li>NOVEL PRODUCTS AS ALTERNATIVES TO POLYSTYRENE, Woodward, S. &amp; Ebel, R, SCOTTISH FUNDING COUNCIL (SULSA), 2018-2019</li> </ul> <p>SHARING SOLUTIONS BETWEEN SECTORS: WHAT METHODS ARE DEPLOYED IN TACKING PESTS AND DISEASES, Woodward, S. JAMES HUTTON INSTITUTE 2018-2019</p> |   |
| Jie Wu        | Business Management |                              | 1, 9           | Collaboration for SDG best practice | <p>Professor Jie Wu is Professor in Strategy &amp; Entrepreneurship at University of Aberdeen Business School, University of Aberdeen, UK. His research focuses on status and inequality, culture and institutions, innovation, internationalization, entrepreneurship etc.</p> <p>Professor Wu is the Co-Director of the <a href="#">Africa-Asia Centre for Sustainability Research</a>, launched in 2021.</p>  |   |
| Zeray Yihdego | Law                 |                              | 16             | Collaboration for SDG best practice | <ul style="list-style-type: none"> <li>Member of the United Nations Expert Group on the Firearms Protocol which supplements the UN Convention against Transnational Organised Crime 2000.</li> <li>Consultant, UN Office on Drugs and Crime (UNODC).</li> </ul> <p>Professor Yihdego participates as a Principal Investigator in a 5.5 million Euro EU funded multidisciplinary research project concerning the governance of the Zambezi and Omo river basins <a href="http://dafne-project.eu/">http://dafne-project.eu/</a> and collaborates on various projects with law experts, economists, hydrologists, environmental and political scientists and policy experts that are working in Africa, Europe and the US.</p>   | <p><a href="http://dafne-project.eu/">http://dafne-project.eu/</a><br/> <a href="https://cordis.europa.eu/project/rcn/203272/factsheet/de">https://cordis.europa.eu/project/rcn/203272/factsheet/de</a></p> |