

Cross sectoral dialogue about SDGs

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
Charles Bestwick	Rowett		13, 15	Cross sectoral dialogue about SDGs	<p>Strategic Research Programme (SRP) Advisor (reporting to the Scottish Environment Food & Agriculture Research Institutes [SEFARI]' Directors' Executive Committee). Responsible for advising on and promoting cross-programme development within the 'Food, Health & Wellbeing', 'Natural Assets, and 'Sustainable Land Use' research themes of the Scottish Government (SG: Rural Environment Science and Analytical Service Division) funded SRP.</p> <p>The SEFARI Gateway is the knowledge exchange and Impact hub of the Scottish Environment Food and Agriculture Research Institutes (SEFARI). The Rowett is one of the key institutes within this collective. The Gateway works across the Scottish Government funded Strategic Portfolio, which is a c.£48 million p/a investment in research and national capability to deliver across Scotland's Environment, Agriculture, Land Use, Food and Rural Communities and Economy agenda.</p> <p>The Rowett Institute has contributed to a range of educational resources to help with home schooling during the Covid-19 pandemic. As a partner in the SEFARI (Scottish Environment, Food, Agriculture Research Institutes) group, the University of Aberdeen institute has shared educational activities to benefit teachers, parents and learners.</p>	<p>https://sefari.scot/sefari-gateway</p> <p>https://www.abdn.ac.uk/news/14036/</p>
Abbe Brown	Law		14, 16	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> 2018-2022 Abbe has been part of an interdisciplinary team exploring Marine Genetic Resources in the UN Biodiversity Beyond National Jurisdiction negotiations. Several events including a high profile and successful workshop and public session were held at the Royal Society of Edinburgh in 2020. Abbe was also involved in the Song for the Oceans, raising awareness of this fundamental issue and preparing resources for delegates and their advisers on intellectual property and its interface with science, kindly supported by the Wellcome Trust. 	<p>https://www.abdn.ac.uk/stories/song-of-the-oceans/index.html#group-The-Song-of-the-Oceans-7h0RxF500</p>

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
Jean-Christophe Comte	Geography & Environment		6, 15	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> • Provision of expertise / consultancy on groundwater resources development, characterisation, modelling, management and protection, for various institutional or private clients in Europe, Sub-Saharan Africa, North America, Indian & Pacific Ocean (2003 – present) • Comte's extensive in-field expertise has provided basis of collaboration with Water Research Authority of Kenya (WRA) groundwater section, which has sought his advice on replacement of field instruments best suited for groundwater exploration in Kenya, as well as training for maintenance. Regionally, groundwater salinity maps and models produced by Comte are being used by the WRA's south coast (Mombasa) office to support community water development and are using the salinity maps from modelling to plan water management according to the susceptibility to saltwater intrusion as highlighted by the maps to improve models to run management scenarios and salinity modelling 	https://www.abdn.ac.uk/people/jc.comte#research
Lucia D'Ambruoso	Applied Health Sciences		3	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> • Mapping barriers to surgical care: workshop with providers, patients and community advocates 2020 	
Mirela Delibegovic	Medical Science		3	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> • Centenary event for insulin research in Scotland • Invited speaker at Protein Phosphatases 2020 conference, Oregon, USA, August 2020 • Member of the Aberdeen Centre for Energy Regulation & Obesity (ACERO) • Member of regulatory variation and disease collaborative centre • British Heart Foundation Project Grants Committee member • Diabetes UK Research Committee member • Diabetes UK Professional Member • European Association for the Study of Diabetes (EASD) Member • Member of the Scottish Researcher Career Coordination Forum • The Carnegie Trust, Research Assessor • The American Physiological Society Elected Member • The Biochemical Society Elected Member • Elected for the Royal Society of Edinburgh (RSE) Young Academy of Scotland 	https://www.abdn.ac.uk/news/15262/
Baukje de Roos	Rowett		3	Cross sectoral dialogue about SDGs	<p>Member of the International Academic Advisory Board of By-Health, the largest nutraceutical company in China.</p> <p>Director NuGO (European Nutrigenomics Organisation) 2014 – 2020 NuGO is an Association of over 25 Universities and Research Institutes across Europe,</p>	https://sefari.scot/blog/2020/02/04/innovative-new-tool-food-

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					<p>focusing on jointly developing the existing research area of nutrigenomics, molecular nutrition and personalised nutrition. Professor de Roos is responsible for a €80K annual turnover to aid the development of joint international research projects, conferences, workshops and training.</p> <p>Her Scottish Government RESAS-funded work focusses on exploratory modelling of relationships between 'healthiness', 'carbon footprint', 'level of processing' and 'cost' of UK diets to identify the most important potential food switches in real-time UK diets, work which is now being developed into a 'foodswap' app.</p> <p>Her expertise in the area of diet and health has formed the basis of contracts and consultancies with large food companies (Unilever, By-Health, Stephan Nutrition, Cognis, MacPhie of Glenbervie, Provexis, Kelloggs), food levy boards (Seafish), the food and drink support sector (Food and Drink Innovation Service, Scotland Food & Drink), and national UK television (Channel 4's Food Hospital and Superfoods series)</p>	swapping-for-healthier-and-more-sustainable-diets
Davide Dionisi	Engineering		12	Cross sectoral dialogue about SDGs	"Biological processes with open mixed cultures: potential and research challenges for wastewater treatment, bioenergy and waste valorisation", International e-Conference on: Development in Chemical, Biological and Environmental Sciences (DCBES 2021), GITAM School of Science, Hyderabad & GITAM Institute of Science, Visakhapatnam, India, 28th-30th June 2021	
Vikki Entwistle	Applied Health Sciences Divinity, History and Philosophy		3	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> Leading a cross-sectoral collaboration to explore how we can better provide for funerary practice to serve people better. The project incorporates families, multiple disciplines and funeral directors to define positive forms of practice. The findings will be widely shared. 	https://www.abdn.ac.uk/sdhp/philosophy/care-in-funerals-2015.php
Paul Fowler	Medical Sciences		3	Cross sectoral dialogue about SDGs	<p>Plenary and invited presentations</p> <ul style="list-style-type: none"> Toxicants and maternal lifestyle disturb human fetal developmental programming. Society for Reproductive Investigation Annual Conference, Fetal Physiology Satellite meeting, Boston, July 2021. Exposure to the complex mixture of environmental chemicals found in human biosolids. Virtual University of Michigan Symposium on Chemical Mixtures, 12 February 2021. Toxicants and maternal lifestyle disturb human fetal developmental programming. Society for Reproductive Investigation Annual Conference, Fetal Physiology Satellite meeting, Vancouver, 10-14 March 2020. 	

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					<ul style="list-style-type: none"> Maternal lifestyle, endocrine disruption and the developing fetus. Vrije Universiteit Amsterdam, 19 February 2020, Amsterdam, Netherlands. 	
Archie Graham	Education		4	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> Member of the Scottish Universities Inclusion Group 2018 – present ECER 2021, Geneva (Online). Enacting inclusive pedagogy in schools located in high poverty environments: Learning from beginner teachers. https://www.abdn.ac.uk/staffpages/uploads/crs063/ECER_2021_Presentation_Enacting_IP_in_Schools_in_High_Poverty_Env.pdf Scottish Council of the Deans of Education (SCDE) Attainment Challenge Project: Developing pedagogies that work for Pre-Service and Early Career Teachers to reduce the Attainment Gap in Literacy, Numeracy and Health and Wellbeing. http://www.scde.ac.uk/projects/scde-attainment-challenge-project/ The Scottish Universities Inclusion Group (SUIG) Mapping Project. 	
Aravinda Guntupalli	Applied Health Sciences		5	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> Member of British Society of Gerontology (britishgerontology.org) Steering committee member and one of the founders of the Special Interest Group: Ageing in Africa, Asia and Latin America of British Society of Gerontology. 	https://www.britishgerontology.org/about-bsg/special-interest-groups/ageing-in-africa-asia-and-latin-america
Marcel Jaspars	Chemistry	Abbe Brown (Law)	14	Cross sectoral dialogue about SDGs	<p>Marine Genetic Resources in the UN BBNJ Process:</p> <p>Professor Brown and Professor Jaspars continue to work to inform and assist country delegates and wider stakeholders - from private individuals to activists to industry- to stimulate debate and progress this important issue. In 2020, an invitation-only workshop explored and challenged possibilities around how the benefits of the ocean should be shared and how to move forward towards a consensus. The workshop was attended by diplomats, policy makers, academics, activists, intergovernmental organisations, non-governmental organisations and industry. The workshop was supported by the Royal Society of Edinburgh, the University of Aberdeen, EU-Atlas and iAtlantic projects led by the University of Edinburgh and funded by the EU, and the Deep Ocean Stewardship Initiative. Continuing advisory work with UN into 2022</p>	https://www.abdn.ac.uk/stories/song-of-the-oceans/
Georgios Leontidis	Computing		7, 9	Cross sectoral dialogue about SDGs	<p>Workshop organized in cooperation with the European Horizon 2020 CORTEX project in UJV Rez, Czech Republic.</p> <p>The Workshop, dedicated to nuclear power station research staff, research organizations and academia, was attended by over four dozen experts from 10 European countries, including experts from NPPs, universities, research organizations and the Nuclear Research Institute.</p> <p>Research presented on 3D convolutional and recurrent neural networks in</p>	https://tinyurl.com/y7rif63j

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					reactor perturbations unfolding and anomaly detection; (https://tinyurl.com/y8eejewr , https://tinyurl.com/y78bepvx) Cited in Food and Agriculture Organisation of the United Nations – A Foresight Report 2022	https://www.fao.org/3/cb8667en/cb8667en.pdf
Anne Ludbrook	Health Economics Research Unit		3	Cross sectoral dialogue about SDGs	Research impacting alcohol minimum price policy change	https://results2021.research.ac.uk/impact/Oc0036d0-5365-4e05-99c8-67464bcd7a00?page=1
Macdiarmid	Institute of Applied Health Sciences		3	Cross sectoral dialogue about SDGs	Cited in Food and Agriculture Organisation of the United Nations – A Foresight Report 2022	https://www.fao.org/3/cb8667en/cb8667en.pdf
Russell McKenna	Engineering		7, 9	Cross sectoral dialogue about SDGs	System Integration & Digitalisation Expert, Centre for Energy Transition focussed on decentralised multi-energy systems, especially within residential buildings and urban environments. Especially interested in developing and applying energy system models (ESMs) to these areas, as well as employing methods of techno-economic and environmental analysis, in order to answer diverse research questions related to the uptake and integration of low carbon technologies (LCTs). One strand is focussed on methods of deriving cost-potential curves for these LCTs, which serve as an input to larger ESMs. Another strand is concerned with the ways consumers' behaviour shapes their energy demand patterns. Yet another focus is related to autonomous energy systems, involving a critical analysis of this much-discussed concept. Expert Advisor in multiple contexts including for the German Society of Engineers (VDI), Research Councils (ANR, Humboldt) and the European Commission and have organized streams at international OR and energy conferences.	https://www.abdn.ac.uk/energy/ https://www.abdn.ac.uk/news/15035/ https://www.abdn.ac.uk/news/14621/
Gearoid Millar	Sociology		16	Cross sectoral dialogue about SDGs	an active member of the International Studies Association (ISA) for over 10 years and served in various administrative roles, including, from 2016 to 2020, as the Chair of the Peace Studies Section . PEACE is a section of the International Studies Association that seeks to understand the causes of war and violence and of the conditions of peace. The aim of the Peace Studies Section is to seek a better understanding of the causes of war and violence and of the conditions of peace in the international	https://www.isanet.org/ISA/Sections/PEACE

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					<p>system. To this end, the Peace Studies Section links scholars of various disciplines and methodologies, develops, encourages, and disseminates research, and facilitates research-based teaching in peace and conflict studies.</p> <ul style="list-style-type: none"> • Millar's work has been influential in shaping the field of ethnographic peace research (EPR), with an increasing number of NGOs (e.g. Fern, SiLNoRF), engaging with his approach to question approaches to development impact of European and other national Development Finance Institutions (DFIs). 	
Peter Mtika	Education		1, 4	Cross sectoral dialogue about SDGs	<ul style="list-style-type: none"> • Member of Scotland - Malawi Partnership (SMP); The Scotland Malawi Partnership (SMP) is the national civil society network coordinating, supporting and representing the people-to-people links between our two nations. The partnership represents a community of 109,000 Scots with active links to Malawi. The aim of the project is to build connections and collaboration on a multi-sectoral basis between two small nations in ways that are transformational for both • Evidence into Action: Promoting Equitable Access to Quality (PEAQ) Educational Experiences in Sub-Saharan Africa (Malawi and Ghana) 2018-2019. With external collaborators Dr Edward Sosu, Dr Felix Maulidi, Ms Sofia Pimenta, and Dr Claire Wilson, The research addresses challenges of equity and access to quality education in Malawi and Ghana in connection with SDG 4 	<p>https://www.scotland-malawipartnership.org/profile/view/570/</p> <p>https://pureportal.strath.ac.uk/en/projects/evidence-into-action-promoting-equitable-access-to-quality-peaq-e</p>
Peter Murchie	Applied Health Sciences		3	Cross sectoral dialogue about SDGs	<p>Professor of Primary Care and lead of the Academic Primary Care Research Group, within the Institute of Applied Health Sciences University of Aberdeen. He leads a research programme which uses clinical data to pursue two main aims: first to better understand the cancer diagnostic pathway within primary care, and second, to improve community-based cancer survivorship care. This includes development of the ASICA intervention system, funded by Cancer Research UK (CRUK), as a means to earlier detection of recurrent and second primary melanoma.</p> <p>Membership</p> <p>National Cancer Research Institute</p> <p>2010-now PCG Early Diagnosis Subgroup, chair Dr F Walter</p> <p>2015-now Primary Care Group, chair Prof R Neal</p> <p>2015-now PCG Survivorship Subgroup, chair Prof E Watson</p> <p>Royal College of General Practitioners (RCGP)</p> <p>2011-now Editorial Board, British Journal of General Practice</p> <p>Scottish Government</p>	<p>ASICA Projects A-Z Health Services Research Unit The University of Aberdeen (abdn.ac.uk)</p>

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					<p>2008-now Scottish School of Primary Care/NHS Advisory Group</p> <p>2013-now Transforming Care After Cancer Treatment Evaluation Group</p> <p>NHS Grampian</p> <p>2013-now Grampian Cancer Care Network Primary Care Group</p> <p>Yorkshire Cancer Research</p> <p>2016-now Research Advisory Panel</p> <p>Tenovus Cancer Care</p> <p>2018-now Psychosocial Advisory Committee</p> <p>Chief Scientist Office</p> <p>2020-now Health Improvement, Protection & Service Research Committee</p> <p>Trial Steering Committees</p> <p>2014-now ROCKetTS Trial Steering Committee Member</p> <p>2018-now Yorkshire Lung Cancer Screening Trial (YLCST) Trial Steering Committee Member</p>	
Madalina Neacsu	Rowett		3, 12, 15	2.Cross sectoral dialogue about SDGs	<p>Food Forever Exhibition: Dr Madalina Neacsu from the Rowett contributed to a new international exhibition hosted by the Royal Botanic Gardens in Edinburgh. The exhibition includes 18 portraits of scientists, farmers and chefs all of whom champion diversity in our food. Max Coleman from the Royal Botanic Gardens said "Variety in our foods is part of the pleasure of eating, but there is also a more serious message in the exhibition about securing the foundation of our food, in the midst of a rapidly changing world"</p> <p>SEFARI, the Scottish collective of environment, food and agriculture research institutes, is also supporting the exhibition and six of the 18 portraits feature people who work for SEFARI. Among them is Dr Madalina Neacsu, from the Rowett Institute, who is looking at the use and health benefits of unfamiliar crops that can be grown in Scotland. The aim is to encourage a greater diversity of plants in the diet, which in turn can encourage farm diversification</p> <p>Taste of Plants Project. This project consists of a novel format knowledge exchange event aimed to communicate SEFARI (Scottish Environment, Food and Agriculture Research Institutes) research to key stakeholders. https://sefari.scot/blog/2020/07/02/taste-of-plants</p>	<p>https://www.food4ever.org/news/new-photo-exhibit-champions-food-diversity/</p> <p>https://www.abdn.ac.uk/rowett/policy-industry/top_project.php</p>
Ana Payo Payo	Biological Sciences		13	2.Cross sectoral dialogue about SDGs	<p>The workshop 'Enhancing universities' contribution to the resilience of communities, business and government through science diplomacy.' Was designed by Ana Payo Payo. Launched in 2021, the course aims to bridge the knowledge gap in the context of the climate emergency, so that scientists can better convey their research to policy and diplomacy spheres, and ensure that</p>	<p>https://www.abdn.ac.uk/research/science-diplomacy-workshop-744.php</p>

Name	Discipline	Additional Academic Partners	Related SDG(s)	Area	Descriptor of role or involvement	Evidence
					sound scientific data underpins national and international climate resilience decision making processes, agreements and actions.	
Jacqueline Ravet	Education		4	Cross sectoral dialogue about SDGs	Capacity Building for Educational Inclusion in Cambodia. Working with Cambodian research partners, collaborating on the development of a model of teacher professional development in inclusive practice –as a means of access rather than inclusion as participation that will be relevant and sustainable in the Cambodian context GCRF/IPPF (5) funding (10,000) https://aura.abdn.ac.uk/bitstream/handle/2164/12503/Educational_Inclusion_in_Cambodia_Scoping_Study_Report.pdf;jsessionid=165FDF4105AD4CF1C153EE19D9F739CB?sequence=1	
Shaun Treweek	Applied Health Sciences		3, 10	Cross sectoral dialogue about SDGs	Prof Treweek leads Trial Forge, an organisation collaborating with academic and clinical centres, and with NGOs. The aim of Trial Forge is to provide evidence on how to improve trial process and efficiency – Treweek leads the Trial Forge INCLUDE Ethnicity Framework as part of the NIHR INCLUDE initiative to improve trial delivery for under-served groups. The Ethnicity Framework aims to help trial teams to think carefully about which ethnic groups should be included in their trial for its results to be widely applicable and the challenges that might exist in making this possible.	https://www.trialforge.org/ Developing the INCLUDE Ethnicity Framework—a tool to help trialists design trials that better reflect the communities they serve Trials Full Text (biomedcentral.com)