

Standard and new investigator grants - July 2021

July 2021 - Panel A

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	10	NE/W006707/1	Y	Greig Paterson	University of Liverpool	Particles to Planets: Unravelling the history of our magnetic field	Standard Grant JUL21
2	10	NE/W005832/1	Y	Tetsuya Komabayashi	University of Edinburgh	The crystallisation sequence of Earth's core	Standard Grant JUL21
3	9	NE/W005506/1	Y	Jonathan Piers Telling	Newcastle University	CERBERUS Cataclastic hydrogen and oxidant production in the deep biosphere: uncovering the ancient role of microbial antioxidant enzymes	Standard Grant JUL21
4	9	NE/W006243/1	Y	Francesco Muschitiello	University of Cambridge	ASYNC - Resolving asynchronous responses of North Atlantic climate to deglacial changes in ocean circulation	Standard Grant NI JUL21
5	9	NE/W005565/1	Y	David Sear	University of Southampton	Pacific Rainfall over Millennial Scales (PROMS)	Standard Grant JUL21
6	9	NE/W006286/1	Y	Thomas Jones	University of Liverpool	Fragmentation and flow of gas-particle mixtures in volcanic systems	Standard Grant NI JUL21
7	9	NE/W005247/1	Y			Deferred to next panel	Standard Grant JUL21
8	9	NE/W00562X/1	Y			Deferred to next panel	Standard Grant JUL21
9	9	NE/W000210/1	Y			Not funded	Standard Grant JAN21
10	8	NE/W006340/1	Y			Not funded	Standard Grant JUL21
10	8	NE/W006391/1	N			Not funded	Standard Grant JUL21
10	8	NE/W006529/1	N			Not funded	Standard Grant JUL21
11	8	NE/W006405/1	Y			Not funded	Standard Grant NI JUL21
12	8	NE/W006545/1	Y			Not funded	Standard Grant JUL21
13	8	NE/W005743/1	Y			Not funded	Standard Grant NI JUL21
14	8	NE/W005638/1	Y			Not funded	Standard Grant JUL21
14	8	NE/W005905/1	N			Not funded	Standard Grant JUL21
15	8	NE/W006472/1	Y			Not funded	Standard Grant NI JUL21
16	8	NE/W005913/1	Y			Not funded	Standard Grant JUL21
17	8	NE/W006383/1	Y			Not funded	Standard Grant JUL21
		NE/W005514/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006138/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006197/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006715/1	N			Not discussed at panel	Standard Grant JUL21
		NE/W006790/1	Y			Not discussed at panel	Standard Grant JUL21

July 2021 - Panel B

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	9	NE/W005530/1	Y	Hannah Christensen	University of Oxford	Mesoscale Convective Systems: Probabilistic forecasting and upscale Impacts in the grey zone (MCS:PRIME)	Standard Grant JUL21
2	9	NE/W00528X/1	N			Grant to be funded but start date subject to marine planning. Grant details will be available on Grants on the Web when announced and accepted.	Standard Grant JUL21
2	9	NE/W005441/1	Y	Rob Hall	University of East Anglia	Processes driving Submarine Canyon fluxES	Standard Grant JUL21
3	9	NE/W005875/1	Y	Edward Hanna	University of Lincoln	Causes and impacts of Greenland atmospheric Blocking changes	Standard Grant JUL21
4	9	NE/W00609X/1	Y	Steve Arnold	University of Leeds	Aerosol heterogeneous Processing as a source of oxidants in Cold winter Atmospheres: application to Alaska and UK (ALPACA-UK)	Standard Grant JUL21
5	9	NE/W00027X/1	Y	Lucy Carpenter	University of York	Iodine sea-air emissions and atmospheric impacts in a changing world (I-SEA)	Standard Grant JAN21
6	9	NE/W001888/1	Y	Christopher Taylor	UK Centre for Ecology and Hydrology	Land Impacts on Mesoscale Convective Systems	Standard Grant JAN21
7	8	NE/W005239/1	Y	Robin Chadwick	University of Exeter	Impacts of Pacific Ocean warming trends (ImpOse)	Standard Grant NI JUL21
8	8	NE/W006766/1	Y	Suzanne Imber	University of Leicester	Investigating the Drivers of Geomagnetically Induced Currents	Standard Grant JUL21
9	8	NE/W006596/1	Y	Tristan Quaife	University of Reading	Structure, Photosynthesis and Light in Canopy Environments (SPLICE)	Standard Grant JUL21
10	8	NE/W00531X/1	Y	Thomas Cowton	University of St Andrews	Fjord Dynamics and Modulation of Ice/Ocean Exchange	Standard Grant NI JUL21
11	8	NE/W005883/1	Y			Not funded	Standard Grant NI JUL21
12	8	NE/W005301/1	Y			Not funded	Standard Grant JUL21
13	8	NE/W005921/1	Y			Not funded	Standard Grant JUL21
14	8	NE/W00612X/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W000202/1	Y			Not funded	Standard Grant JAN21
15	8	NE/W005263/1	Y			Not funded	Standard Grant NI JUL21
15	8	NE/W005271/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W005999/1	N			Not funded	Standard Grant JUL21
15	8	NE/W005425/1	Y			Not funded	Standard Grant NI JUL21
15	8	NE/W005786/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W005980/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W006499/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W00657X/1	Y			Not funded	Standard Grant NI JUL21
15	8	NE/W00660X/1	Y			Not funded	Standard Grant JUL21
		NE/W005255/1	Y			Not funded	Standard Grant JUL21
		NE/W005336/1	Y			Not funded	Standard Grant JUL21

		NE/W00559X/1	Y			Not funded	Standard Grant JUL21
		NE/W00576X/1	Y			Not funded	Standard Grant NI JUL21
		NE/W005794/1	Y			Not funded	Standard Grant JUL21
		NE/W005409/1	N			Not funded	Standard Grant JUL21
		NE/W005492/1	N			Not funded	Standard Grant JUL21
		NE/W005891/1	Y			Not funded	Standard Grant JUL21
		NE/W006057/1	Y			Not funded	Standard Grant NI JUL21
		NE/W006030/1	N			Not funded	Standard Grant JUL21
		NE/W006227/1	Y			Not funded	Standard Grant JUL21
		NE/W006464/1	Y			Not funded	Standard Grant JUL21
		NE/W006642/1	Y			Not funded	Standard Grant JUL21
		NE/W006669/1	N			Not funded	Standard Grant JUL21
		NE/W006693/1	Y			Not funded	Standard Grant NI JUL21
		NE/W005190/1	N			Not funded	Standard Grant JUL21
		NE/W005360/1	Y			Not funded	Standard Grant JUL21
		NE/W005611/1	Y			Not funded	Standard Grant JUL21
		NE/W006804/1	Y			Not funded	Standard Grant NI JUL21

July 2021 - Panel C1

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	9	NE/W006103/1	Y	Danielle Schreve	Royal Holloway, Univ of London	Nature of the beast? Resolving drivers of prey choice, competition and resilience in wolves	Standard Grant JUL21
1	9	NE/W006189/1	N	Angela Lamb	British Geological Survey	Nature of the beast? Resolving drivers of prey choice, competition and resilience in wolves	Standard Grant JUL21
2	9	NE/W005654/1	Y	Thomas Mock	University of East Anglia	High-resolution genomics to reveal changes in microbial biodiversity across space and time in the warming Arctic Ocean	Standard Grant JUL21
3	9	NE/W006200/1	Y	David Spurgeon	UK Centre for Ecology and Hydrology	Unravelling the physiological drivers of species accumulation and sensitivity for metals	Standard Grant JUL21
4	9	NE/W005115/1	Y	Clare Bird	University of Stirling	NSFDEB-NERC The blueprint for marine biomineralization in a changing climate	Standard Grant NI JUL21
5	8	NE/W006251/1	Y	Aimee Murray	University of Exeter	Exploring understudied aspects of antimicrobial resistance evolution to improve environmental pollution policy	Standard Grant NI JUL21
6	8	NE/W006553/1	Y	Lesley Lancaster	University of Aberdeen	Evolution and plasticity of "arrive and survive" phenotypes driving parallel range shifts in the wild.	Standard Grant JUL21
7	8	NE/W006774/1	Y	Simon Maddock	University of Wolverhampton	NSFDEB-NERC Origins and expansion of endemic biodiversity in western Melanesia and their relation to tectonic evolution	Standard Grant NI JUL21
8	8	NE/W005867/1	Y	Erik Postma	University of Exeter	An experimental test of the role of selection, drift and gene flow in shaping evolution in the wild	Standard Grant JUL21
9	8	NE/W006324/1	Y	Mélanie Roffet-Salque	University of Bristol	RESOLVING THE FISHER-FARMER CONUNDRUM IN PREHISTORIC EUROPE USING BIOMOLECULAR APPROACHES (AquaNeo)	Standard Grant NI JUL21
10	8	NE/W001462/1	Y			Not funded	Standard Grant JAN21
10	8	NE/W00173X/1	N			Not funded	Standard Grant JAN21
11	8	NE/W005646/1	N			Not funded	Standard Grant JUL21
11	8	NE/W006421/1	Y			Not funded	Standard Grant JUL21
12	8	NE/W006480/1	Y			Not funded	Standard Grant JUL21
12	8	NE/W006502/1	N			Not funded	Standard Grant JUL21
13	8	NE/W005484/1	Y			Not funded	Standard Grant JUL21
13	8	NE/W005859/1	N			Not funded	Standard Grant JUL21
14	8	NE/W006006/1	N			Not funded	Standard Grant JUL21
14	8	NE/W006073/1	Y			Not funded	Standard Grant JUL21
15	8	NE/W005735/1	Y			Not funded	Standard Grant JUL21
16	8	NE/W006332/1	Y			Not funded	Standard Grant JUL21
17	8	NE/W00643X/1	Y			Not funded	Standard Grant NI JUL21
18	8	NE/W005824/1	N			Not funded	Standard Grant JUL21
18	8	NE/W006049/1	Y			Not funded	Standard Grant JUL21
19	7	NE/W005174/1	Y			Not funded	Standard Grant JUL21
19	7	NE/W005395/1	Y			Not funded	Standard Grant JUL21
19	7	NE/W005417/1	Y			Not funded	Standard Grant JUL21
19	7	NE/W005476/1	Y			Not funded	Standard Grant JUL21
19	7	NE/W005603/1	Y			Not funded	Standard Grant JUL21
24	6	NE/W005662/1	Y			Not funded	Standard Grant JUL21
25	5	NE/W006162/1	Y			Not funded	Standard Grant NI JUL21
		NE/W005220/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005387/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005433/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W005573/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005581/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005697/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005956/1	N			Not discussed at panel	Standard Grant JUL21
		NE/W005700/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005719/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005727/1	Y			Not discussed at panel	Standard Grant JUL21

		NE/W00593X/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006014/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006146/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006294/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006375/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006510/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006723/1	Y			Not discussed at panel	Standard Grant JUL21

July 2021 - Panel C2

Rank	Overall Score (0-10)	Grant Reference	Lead / Sole Grant	Grant Holder	Research Organisation	Project Title	Call
1	10	NE/W005689/1	Y	Dorian Fuller	University College London	Evolutionary dynamics of vegetative agriculture in the Ethiopian Highlands: Integrating archaeobotanical and genomic science	Standard Grant JUL21
1	10	NE/W005778/1	Y	Emma Stone	University of the West of England	Understanding population level effects of artificial lighting on biodiversity - a novel interdisciplinary approach using bats as models	Standard Grant NI JUL21
1	10	NE/W006308/1	Y	Patrick Meir	University of Edinburgh	NSFDEB-NERC: Understanding drought and post-drought legacy effects in tropical forest	Standard Grant JUL21
1	10	NE/W00674X/1	Y	Florian Busch	University of Birmingham	The role of mesophyll CO2 diffusion in modulating the response of photosynthetic carbon uptake to CO2 enrichment of a mature temperate forest	Standard Grant NI JUL21
5	9	NE/W006448/1	Y	Isla H. Myers-Smith	University of Edinburgh	TundraTime: Plant phenology change as a driver of Arctic greening trends	Standard Grant JUL21
6	9	NE/W006111/1	N	Niall McNamara	UK Centre for Ecology and Hydrology	Refining Estimates of Tropical Forest Greenhouse Gas Exchange using Plant Traits	Standard Grant JUL21
6	9	NE/W006588/1	Y	Emma Sayer	Lancaster University	Refining Estimates of Tropical Forest Greenhouse Gas Exchange using Plant Traits	Standard Grant JUL21
7	9	NE/W006626/1	Y	Vincent Savolainen	Imperial College London	Can plant-fungal symbioses underpin plant diversity?	Standard Grant JUL21
8	9	NE/W005816/1	Y	Mark Tibbett	University of Reading	Digging into the "Gadgil effect": how the competitive balance between fungal guilds affects carbon and nitrogen cycling	Standard Grant JUL21
9	9	NE/W006618/1	Y	Alexander Pigot	University College London	Predicting sudden and widespread biodiversity loss on a rapidly warming planet - when and where does biology change things?	Standard Grant NI JUL21
10	9	NE/W005131/1	Y	Chris Jiggins	University of Cambridge	Biochemical plasticity and the evolution of diet-breadth in toxic insects	Standard Grant JUL21
11	9	NE/W005468/1	Y	Beth Mortimer	University of Oxford	Why do elephants use seismic communication?	Standard Grant NI JUL21
12	9	NE/W005751/1	Y	Robin Allaby	University of Warwick	Tracking the altitudinal adaptation of Andean maize using archaeogenomics	Standard Grant JUL21
13	9	NE/W00545X/1	Y	Andrew Radford	University of Bristol	Preparing for War: Pre-emptive Behaviour in a Landscape of Intergroup Conflict	Standard Grant JUL21
14	8	NE/W006650/1	Y	John Griffin	Swansea University	Upscaling biodiversity - ecosystem functioning research using intertidal forests as a model system (BEF-SCALE)	Standard Grant JUL21
15	8	NE/W006731/1	Y	Michael Fowler	Swansea University	Multigenerational Trophic Responses to Coupled Short- and Long-term Environmental Change	Standard Grant JUL21
16	8	NE/W006359/1	Y	Jolyon Troscianko	University of Exeter	The effects of artificial nighttime lighting on moth visual ecology and survival	Standard Grant NI JUL21
17	8	NE/W005972/1	Y	Kanchon Dasmahapatra	University of York	Adaptive introgression in the Anthropocene	Standard Grant JUL21
18	8	NE/W005123/1	N			Not funded	Standard Grant JUL21
18	8	NE/W005344/1	Y			Not funded	Standard Grant JUL21
18	8	NE/W005379/1	Y			Not funded	Standard Grant JUL21
18	8	NE/W005948/1	Y			Not funded	Standard Grant JUL21
18	8	NE/W005212/1	N			Not funded	Standard Grant JUL21
18	8	NE/W006154/1	Y			Not funded	Standard Grant JUL21
18	8	NE/W006170/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W005158/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W005166/1	Y			Not funded	Standard Grant NI JUL21
23	7	NE/W005204/1	Y			Not funded	Standard Grant NI JUL21
23	7	NE/W005522/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W005557/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W005808/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W005840/1	N			Not funded	Standard Grant JUL21
23	7	NE/W006065/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W006219/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W006367/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W006456/1	Y			Not funded	Standard Grant JUL21
23	7	NE/W006537/1	Y			Not funded	Standard Grant NI JUL21
23	7	NE/W006561/1	Y			Not funded	Standard Grant JUL21
35	6	NE/W006782/1	Y			Not funded	Standard Grant JUL21
		NE/W005182/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005298/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W005328/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W00514X/1	N			Not discussed at panel	Standard Grant JUL21
		NE/W005549/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W005670/1	N			Not discussed at panel	Standard Grant JUL21
		NE/W006081/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006235/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W00626X/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006278/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006022/1	N			Not discussed at panel	Standard Grant JUL21
		NE/W006316/1	Y			Not discussed at panel	Standard Grant JUL21

		NE/W006634/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006677/1	Y			Not discussed at panel	Standard Grant NI JUL21
		NE/W006685/1	Y			Not discussed at panel	Standard Grant JUL21
		NE/W006758/1	Y			Not discussed at panel	Standard Grant NI JUL21