

Grants of Excellence (all Expert Panels)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Áslaug Geirsdóttir, Gifford H. Miller	Science Institute-University of Iceland, INSTAAR & University of Colorado	Anne E. Jennings, Simon Belt, Gwenn E. Flowers, Guðfinna Aðalgeirsdóttir, Helge Drange, Finnur Pálsson, Eyjólfur Magnússon, Helgi Björnsson, Alexander H. Jarosch	Integrating paleoclimate reconstructions with modeling to understand abrupt climate change in the northern North Atlantic region	32.305
Benedikt Halldórsson, Sigurjón Jónsson	University of Iceland-School of Engineering and Natural Sciences, King Abdullah University of Science and Technology (KAUST)	Ragnar Sigbjörnsson, Apostolos S. Papageorgiou, Russell A. Green, Ioannis Kalogeras, Hamish Avery, Símon Ólafsson, Svein Remseth, Carlos S. Oliveira, Orhan Polat	Real-time earthquake fault monitoring and seismic risk assessment using dense geodetic and seismic arrays in urban areas	23.890
Snorri Þór Sigurðsson	Science Institute-University of Iceland	Thomas Prisner, Harald Schwalbe, Beatrix Suess, Hartmut Oschkinat	Stable radicals for biophysical studies	28.864
			total	85.059

Postdoctoral grants (all Expert Panels)

Principal investigator(s)	Institution	Expert panel	Project title	thousand ISK
Anna Louise Garden	Science Institute-University of Iceland	Engineering, technical science and physical sciences	Denitrification of potable water	7.060
Anna-Eden Kossov-Simakov	Science Institute-University of Iceland	Engineering, technical science and physical sciences	Novel methods to solve major fabrication problems for nanophotonics	7.000
Bettina Scholz	University of Akureyri	Natural sciences and environmental sciences	Host-pathogen interactions between brackish and marine microphytobenthic diatom taxa and representatives of the Chytridiomycota, Oomycota and Labyrinthulomycota	7.000
Freydís Vigfúsdóttir	The Icelandic Institute of Natural History	Natural sciences and environmental sciences	Fear and stress in animals: causes and consequences of disturbance	7.020
Haukur Þorgeirsson	The Arni Magnusson Institute for Icelandic Studies	Humanities	Infrared and multi-spectral imaging of medieval Icelandic manuscripts	4.040
Hrafn Ásgeirsson	University of Iceland-School of Humanities	Humanities	The Pro Tanto view about legal content: On the nature of the relationship between law and language	6.630
James Michael Hood	Institute of Freshwater Fisheries	Natural sciences and environmental sciences	Influence of global warming on nutrient limitation and cycling in streams: Scaling patterns through time and across levels of organization.	6.999
Ragnar Björnsson	Science Institute-University of Iceland	Natural sciences and environmental sciences	N2 activation in homogenous and heterogenous catalysis	7.250
Unnar Bjarni Arnalds	Science Institute-University of Iceland	Engineering, technical science and physical sciences	Ordering and dynamics in thermal nanomagnetic systems	6.996
Zhu Diao	University of Iceland-School of Engineering and Natural Sciences	Engineering, technical science and physical sciences	Acoustically-driven spin dynamics and magnetization reversal	6.980
Þorkell Guðjónsson	University of Iceland-School of Health Sciences	Health sciences and life sciences	Characterizing the role of USPL1 in the response to DNA damage and cancer	7.000
Þórir Jónsson Hraundal	University of Iceland-School of Humanities	Humanities	Eastern Vikings in Arabic Texts	5.760
			total	79.735

Project Grants (Engineering, technical science and physical sciences)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Guðmundur Gunnar Haraldsson	Science Institute-University of Iceland		Polyyne semihydrogenation and structured methoxylated ether lipid syntheses	9.610
Hannes Högni Vilhjálmsson	Reykjavik University-School of Computer science	Kamilla Rún Jóhannsdóttir, Páll Jakob Líndal, Terry Hartig	Cities that Sustain Us: Using Virtual Reality to Test the Restorative Potential of Future Urban Environments	8.321
Henning Arnór Úlfarsson	Reykjavik University-School of Computer science	Michael H. Albert, Anders Karl Claesson	Finding structure in sets of permutations	9.790
Ivan Shelykh	Science Institute-University of Iceland		Bose and Fermi systems for spintronics	7.740
Kjartan Thor Wikfeldt	Science Institute-University of Iceland	Hannes Jónsson, Andreas Pedersen	Amorphous ice	7.450
Luca Aceto	Reykjavik University-School of Computer science	Anna Ingólfssdóttir, Mohammadreza Mousavi, Davide Sangiorgi	Nominal Structural Operational Semantics	9.306
Sigríður Guðrún Suman	Science Institute-University of Iceland		Mechanistic Studies of Catalytic Thiocyanate Formation	10.132
Sigurður Erlingsson	University of Iceland-School of Engineering and Natural Sciences		Flexible Pavement Performance Modelling - Prediction and Design	8.100
Slawomir Marcin Koziel	Reykjavik University-School of Science and Engineering	Stanislav Ogurtsov	Simulation-Based Computer-Aided Methodologies for Rapid Design and Modeling of Planar and Conformal Front-Ends of Phased Array Antennas	8.441
			total	78.890

Project Grants (Natural sciences and physical sciences)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Bergrún Arna Óladóttir	Science Institute-University of Iceland	Þorvaldur Þórðarson, Áslaug Geirsdóttir, Olgeir Sigmarsson	Frequency and magnitude of explosive eruptions following deglaciation in Iceland with special emphasis on the multiple explosive eruptions at Grímsvötn (collectively referred to as Saksunarvatn ash)	11.269
Bjarni Ásgeirsson	Science Institute-University of Iceland		Dimer dynamics and promiscuity in a cold-active enzyme: The case of alkaline phosphatase.	6.983
Bjarni Kristófer Kristjánsson	Holar University College	Jón Sigurður Ólafsson, Mark Stephen Wipfli	Biological diversity in Icelandic subsurface freshwater	9.998
Camille Anna-Lisa Leblanc	Holar University College	Bjarni Kristófer Kristjánsson, Skúli Skúlason, Zophonías Oddur Jónsson, Sigurður Sveinn Snorrason, Katja Rasanen	The importance of egg size for phenotypic variation and divergence in wild populations	7.197
Erla Björk Örnólfsdóttir	Holar University College	Snæbjörn Pálsson, Kristen Marie Westfall, Zophonías Oddur Jónsson	Unravelling shell trait variation in the common whelk (<i>Buccinum undatum</i> L., Gastropoda, Mollusca)	9.497
Guðfinna Th Aðalgeirsdóttir	Science Institute-University of Iceland	Helgi Björnsson, Finnur Pálsson, Sverrir Guðmundsson, Jens Hesselbjerg Christensen, Fredrik Boberg, Christian Rodehacke	Short and long term ablation modelling based on Automatic Weather Station data and Regional Climate Model	7.509
Guðmundur Óli Hreggviðsson	MATIS	Johannis P Kamerling, Lubbert Dijkhuizen, Eva Nordberg Karlsson, Arnþór Ævarsson, Ólafur Héðinn Friðjónsson	Novel GH17 beta-transglucosidases	10.000
Guðrún Gísladóttir	University of Iceland-School of Engineering and Natural Sciences	Egill Erlendsson, Ólafur Eggertsson, Ratta Lal	Áhrif loftslagsbreytinga og landnýtingar á gróður og jarðveg í Húnavatnssýslum á Nútíma.	11.250
Ívar Örn Benediktsson	Department of Geology, Lund University, Sweden	Emrys Phillips, Ólafur Ingólfsson, Anders Schomacker	Bølling-Allerød glacier dynamics in lower Borgarfjörður, western Iceland: multiple-scale and multi-proxy analysis of glaciotectonics	2.940
Silke Werth	University of Iceland-School of Engineering and Natural Sciences	Ólafur Sigmar Andrésson, Zophonías Oddur Jónsson	Population genomics of a lichen symbiosis along climatic gradients	10.660
			total	87.303

Project Grants (Health sciences and life sciences)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Einar Stefán Björnsson	Landspítali University Hospital	David Metz, John Inadomi, Peter Bytzer	Prótónpumpuþemlar: aukning á sýru magans eftir notkun, þróun og forspárþættir fyrir oförvun á gastríni og kynjabundinn skammtur á lyfjunum	5.717
Einar Stefánsson	University of Iceland-School of Health Sciences	Sveinn Hákon Harðarson	Retinal oxygenation in diabetes - A prospective study of abnormalities in retinal oxygen metabolism in diabetic retinopathy -	9.860
Erna Magnúsdóttir	University of Iceland-School of Health Sciences	Sigurður Yngvi Kristinsson, Arnar Pálsson, Þórunn Rafnar	The transcriptional enhancer signatures in MGUS and multiple myeloma	9.913
Gunnar Guðmundsson	Landspítali University Hospital	Vilmundur G Guðnason	Interstitial Lung Abnormalities and MUC5B Promoter Polymorphism	10.000
Heiðdís B Valdimarsdóttir	Reykjavik University-School of Business	Jack James, Robert Zachariae, Guðmundur Vikar Einarsson, Michael Diefenbach, Marc Schwartz, Kathryn Taylor, Eveline Bleiker, Unnur Valdimarsdóttir	Developing and Testing an Interactive Decision Aid for Newly Diagnosed Prostate Cancer Patients	9.980
Ingibjörg Gunnarsdóttir	University of Iceland-School of Health Sciences	Þórarinn Gíslason, Christine Baldwin, Anne Marie Beck	Oral nutrition supplements vs. energy- and protein dense in between meal snacks, weight changes and functional capacity in chronic obstructive pulmonary disease, randomized controlled intervention	10.810
Jórunn Erla Eyfjörð	University of Iceland-School of Health Sciences	Arnar Pálsson, Jón Gunnlaugur Jónasson, Ólafur Andri Stefánsson, Stefán Þórarinn Sigurðsson, Manel Esteller	The role of microRNAs and epigenetics in high-risk breast cancer	10.010
Karl Karlsson	Reykjavik University-School of Science and Engineering	Joakim Lundeberg	ZOMNIAC	6.182
Magnús Karl Magnússon	University of Iceland-School of Health Sciences	Gunnar Guðmundsson, Þórarinn Guðjónsson, Eiríkur Steingrímsson, Ingileif Jónsdóttir	Mucin 5B promoter polymorphism, from clinical phenotype to transcriptional regulation	7.850
Ólafur Andri Stefánsson	University of Iceland-School of Health Sciences	Jórunn Erla Eyfjörð, Laufey Tryggvadóttir, Jón Gunnlaugur Jónasson, Óskar Þór Jóhannsson, Stefán Þórarinn Sigurðsson	The impact of epigenetic changes in breast and ovarian cancers	9.200
Sigrún Edda Reykdal	Landspítali University Hospital	Magnús Gottfreðsson, Björn Rúnar Lúðvíksson, Brynjar Viðarsson, Ólafur Baldursson	DCML deficiency, A study of genetic epidemiology, clinical characteristics and immune responses	9.910
Sigurbjörg Þorsteinsdóttir	The Institute for Experimental Pathology, University of Iceland, KELDUR	Vilhjálmur Svansson, Eliane Marti, Einar Olavi Mantyla	Development of immunotherapy against insect bite hypersensitivity of horses	7.000
Unnur Anna Valdimarsdóttir	University of Iceland-School of Health Sciences	Lorelei Mucci, Fang Fang, Guðmundur Þorgeirsson, Hrönn Harðardóttir, Halla Skúladóttir, Arna Hauksdóttir, Magnús Karl Magnússon, Heiðdís B Valdimarsdóttir, Tómas Guðbjartsson, Katja Fall, Jón Gunnlaugur Jónasson, Clemens Kirschbaum	Stress-response to a lung cancer diagnosis and impact on progression	9.992
Valgerður Andrésdóttir	The Institute for Experimental Pathology, University of Iceland, KELDUR	Stefán Ragnar Jónsson	Host restriction of maedi-visna virus and viral countermeasures	10.000
Vilhjálmur Rafnsson	University of Iceland-School of Health Sciences		Geothermal areas and cancer	6.424
Vilmundur Guðnason	Hjartavernd ses	Valur Emilsson, Albert Vernon Smith, Sigurður Sigurðsson	Systems genetics approach to atherosclerosis and associated risk factors	7.700
			total	140.548

Project Grants (Social sciences and public health)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Bryndís Björk Ásgeirsdóttir	Reykjavik University-School of Business	Inga Dóra Sigfúsdóttir, Jeffrey N. Wherry, Lindsay P. Huffhines	Support of Parents of Sexually Abused Children	6.248
Ingólfur Vilhjálmur Gíslason	University of Iceland-School of Social Sciences		The Good Mother: Discourse and Experience	4.400
Jóhanna Thelma Einarsdóttir	University of Iceland-School of Education	Roger J. Ingham , Jack James, Hilda Sonsterud, Kirsten Howells, Kirstín Lára Halldórsdóttir	Efficacy of a parent-managed response-contingent stuttering treatment program for older-aged children who stutter - a phase II clinical trial.	8.487
Oddný Mjöll Arnardóttir	University of Iceland-School of Social Sciences	Giorgio Monti	Fairness in Antitrust Procedures of the European Union: A Philosophical Approach	4.570
Ólafur Páll Jónsson	University of Iceland-School of Education		Sustainability-values education	4.200
Páll Melsted Ríkharrðsson	Reykjavik University-School of Business	Þorlákur Karlsson	Changes in Icelandic Management Accounting Practices since 2008 (ICEMAC 2)	5.280
Ragnar Grímur Bjarnason	Landspítali University Hospital	Dr. Ichiro Kawachi, Unnur Anna Valdimarsdóttir, Thor Aspelund, Dr. Hans-Olov Adami, Dr. Jonas F. Ludvigsson, Anna Sigríður Ólafsdóttir	A Smartphone Application for Primary Prevention and Treatment of Obesity in Youth	9.985
Steinunn Gestsdóttir	University of Iceland-School of Education	Freyja Birgisdóttir	The Development of Self-Regulation: Implications for Healthy Functioning in Early Adolescence	8.417
Terry Adrian Gunnell	University of Iceland-School of Social Sciences		JÓTNAR IN WAR AND PEACE The Jötnar in Old Nordic Religions: Their Nature and Function	5.900
Unnur Dís Skaptadóttir	University of Iceland-School of Social Sciences		Queer migrants in Iceland: Outness, identity and belonging	4.330
Zuilma Gabriela Sigurðardóttir	University of Iceland-School of Health Sciences	Anna Lind G Pétursdóttir, Hermundur Sigmundsson	Can the use of Direct Instruction and Precision Teaching enhance the skills of Icelandic students in reading and math?	5.410
Þorgerður Einarsdóttir, Guðbjörg Linda Rafnsdóttir	University of Iceland-School of Social Sciences	Jón Snorri Snorrason, Katrín Ólafsdóttir, Berglind Ósk Guðmundsdóttir, Mari Teigen	Gender Equality and the Economy: Policies, Trends and Impact	9.947
			total	77.174

Project Grants (Humanities)

Principal investigator(s)	Institution	Co-proposer(s)	Project title	thousand ISK
Clarence Edvin Glad, Gylfi Gunnlaugsson	Reykjavík Akadémían ses	Matthew James Driscoll, Gottskálk Jensson, Jon Gunnar Jørgensen, Annette Lassen, Julia Zernack	Icelandic Philology and National Culture 1780-1918	8.964
Orri Vésteinnsson, Adolf Friðriksson	University of Iceland-School of Humanities, Institute of Archaeology	Elizabeth Fitzpatrick, Stuart Brookes, Frode Iversen, John Baker	Assemblies in Iceland 850 - 1950	10.100
Sigurður Gylfi Magnússon	The National Museum of Iceland	Már Jónsson, Davíð Ólafsson	Emotions, Material Culture and Everyday Life in Iceland in the Long 19th Century	11.590
Steinunn Kristjánsdóttir	University of Iceland-School of Humanities	Gísli Kristjánsson, Inger Larsson, Per Arvid Åsen, Mark Graham, Lynda Howard , Patricia Shaw, Samson Bjarnar Harðarson	Monasticism in Iceland	9.970
Torfi Tulinius	University of Iceland-School of Humanities	Gísli Sigurðsson, Emily Diana Lethbridge	Time, Space, Narrative and the Íslendingasögur	8.300
			total	48.924