

Grants of Excellence (all Expert Panels)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------------------|----------------------|--|---|--------|
| Magnús Már Halldórsson | Reykjavik University | Pradipta Mitra, Eyjólfur Ingi Ásgeirsson, Henning Arnór Úlfarsson, Sverrir Ólafsson, Ýmir Vigfússon, Berthold Vöcking, Roger Wattenhofer | <i>Design of Ad-Hoc Wireless Networks</i> | 15.670 |
| Total (thousand ISK): 15.670 | | | | |

START fellowships (all Expert Panels)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------------|------------------------------|------------------------------------|---|---------------|
| Filipa Isabel Pereira Samarra | Marine Research Institute | Incoming (co-funded) | <i>Adaptability of foraging strategies of a top marine predator, the killer whale</i> | 6.150 |
| Hanna Sisko Kaasalainen | University of Iceland | Without mobility | <i>Speciation and bioavailability in geothermal waters</i> | 6.236 |
| Hrefna Róbertsdóttir | National Archives | Outgoing (co-funded) | <i>Communities and Settlement Culture in early modern Iceland</i> | 6.490 |
| Kjartan Thor Wikfeldt | University of Iceland | Incoming (co-funded) | <i>Molecular Modelling of Water</i> | 5.390 |
| Margrét Helga Ögmundsdóttir | University of Iceland | Incoming (co-funded) | <i>The Mechanism of TORC1 Activation in Melanoma: A Role of Proton-assisted Amino acid Transporter 1 (PAT1) and Microphthalmia associated transcription factor (MITF)</i> | 6.390 |
| Snævarr Sigurðsson | deCODE Genetics | Incoming/Reintegration (co-funded) | <i>Identification of risk factors of autoimmune diseases</i> | 6.390 |
| Ute Schiffel | Reykjavik University | Incoming (co-funded) | <i>Analyzing Software Encoding Techniques: ASET</i> | 6.378 |
| Viðar Pálsson | The Arni Magnusson Institute | Incoming (co-funded) | <i>Power and Political Violence in Medieval Iceland</i> | 4.640 |
| Total (thousand ISK): | | | | 48.064 |

Project Grants (Engineering, technical science and physical sciences)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------------------|-----------------------|--|--|------------|
| Ágúst Valfells | Reykjavik University | Andrei Manolescu, Andreas Pedersen | <i>Properties of microscopic vacuum electronic devices</i> | 3.892 |
| Ármann Gylfason | Reykjavik University | Dimitri Ivanov | <i>Lagrangian dynamics in convective turbulence</i> | 7.580 |
| Egill Skúlason | University of Iceland | Alexander Abramov, Hannes Jónsson | <i>Electrochemical production of fertilizer and green fuel</i> | 6.660 |
| Guðmundur G. Haraldsson | University of Iceland | N/A | <i>Syntheses of methoxylated ether lipids and n-3 PUFA</i> | 6.940 |
| Páll Jakobsson | University of Iceland | Gunnlaugur Björnsson, Jens Hjorth, Johan Fynbo, Nial Tanvir, Paul M. Vreeswijk | <i>Gamma-Ray Bursts: Blasts from the Past</i> | 7.620 |
| Slawomir Koziel | Reykjavik University | Stanislav Ogurtsov | <i>Computer aided design methodologies for microwave and millimeter-wave substrate integrated circuits for wireless applications</i> | 4.440 |
| Snorri Þorgeir Ingvarsson | University of Iceland | N/A | <i>Spin dynamics and magnetic sensors</i> | 7.930 |
| Snorri Þór Sigurðsson | University of Iceland | N/A | <i>EPR studies of nucleic acids using rigid spin labels and trityl radicals</i> | 6.910 |
| Stefán Ingi Valdimarsson | University of Iceland | N/A | <i>Multilinear inequalities</i> | 3.400 |
| Total (thousand ISK): 55.372 | | | | |

Project Grants (Natural sciences and environmental sciences)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------------------|--------------------------|---|---|------------|
| Evgenia Ilyinskaya | Icelandic Met Office | Þráinn Friðriksson | <i>Degassing behaviour of Hekla volcano</i> | 7.596 |
| Guðrún Gísladóttir | University of Iceland | Egill Erlendsson, Páll Valdimar Kolka-Jónsson, Ian Simpson, Rattan Lal, Umakant Mishra | <i>The effects of volcanic ash and human activity on terrestrial ecosystems in southeastern Iceland over the last two millennia</i> | 6.350 |
| Guðrún Marteinsdóttir | University of Iceland | Timothy Grabowski, Gunnar Guðni Tómasson, Vilhjálmur Þorsteinsson, Sighvatur Sævar Árnason, Kai Logemann, Bruce J. McAdam, Heidi Pardoe | <i>Cod lunacy? Assessing the entrainment and adaptive significance of environmental cycles on the timing of Atlantic cod reproduction</i> | 9.873 |
| Martin Hensch | University of Iceland | Kristín Vogfjörð, Bryndís Brandsdóttir, Torsten Dahm, Simone Cesca, Björn Lund | <i>Source Mechanisms of Volcanic Earthquakes in Iceland: Constraints on magmatic processes</i> | 4.700 |
| Oddur Vilhelmsson | University of Akureyri | Kristinn P. Magnússon, Martin Grube, Ólafur S. Andrésson, Starri Heiðmarsson | <i>The Peltigera microbiome: metagenomic analysis, targeted cultivation and biogeography</i> | 6.075 |
| Silke Werth | University of Iceland | Ólafur S. Andrésson | <i>Landscape genetics and genomics of Peltigera membranacea: Neutral and adaptive variation in natural populations</i> | 9.220 |
| Skúli Skúlason | Holar University College | Bjarni K. Kristjánsson, Sigurður S. Snorrason, Árni Einarsson, Moira Ferguson, Katja Räsänen | <i>The importance of ecology, phenotype and genetic structure for biological diversity in Icelandic cave charr</i> | 5.250 |
| Stefán Óli Steingrímsson | Holar University College | Sveinn Kári Valdimarsson, James W.A. Grant, Richard A. Cunjak, Tommi Linnansaari | <i>Diel activity in stream-dwelling Arctic charr</i> | 5.979 |
| Viggó Þór Marteinsson | Matis ohf. | Ólafur H. Friðjónsson, Guðmundur Óli Hreggviðsson | <i>Genomics and Proteomics of Prokaryotes at High Pressures</i> | 6.728 |
| Total (thousand ISK): 61.771 | | | | |

Project Grants (Health sciences and life sciences)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------------------|-----------------------------|---|---|------------|
| Albert Vernon Smith | Icelandic Heart Association | Vilmundur Guðnason | <i>Harnessing families to unravel the genetics of lipids and blood pressure</i> | 6.292 |
| Kristín Briem | University of Iceland | Árni Árnason, Þórarinn Sveinsson | <i>Gender specific risk of ACL injury – effects of age on young athletes in team sports</i> | 5.440 |
| Magnús Karl Magnússon | University of Iceland | Þórarinn Guðjónsson, Ólafur Baldursson, Sigríður Rut Franzdóttir, Eiríkur Steingrímsson | <i>Role of p63 in the transcriptional regulation of bronchial epithelium</i> | 4.880 |
| Már Másson | University of Iceland | Knud J. Jensen, Martha Hjálmarsdóttir | <i>Chitosan derivatives mimicking antimicrobial peptides</i> | 5.975 |
| Pétur Henry Petersen | University of Iceland | Eiríkur Steingrímsson | <i>Olfactory bulb gene regulation and neuronal circuit formation</i> | 6.270 |
| Sigurbjörn Árni Arngrímsson | University of Iceland | Daniel J. Daly, Stephan Bandelow, Erlingur Jóhannsson | <i>Physical activity, aerobic fitness, adiposity, and metabolic health in Icelandic children with intellectual disability (HEALTH-ID)</i> | 6.372 |
| Unnur A. Valdimarsdóttir | University of Iceland | Sven Cnattingius, Tinna Laufey Ásgeirsdóttir, Robert Kaestner, Arna Hauksdóttir | <i>Maternal Health and Birth Outcomes Following the Economic Recession in Iceland</i> | 6.536 |
| Þorvarður Jón Löve | Landspítali Hospital | Hyon K. Choi | <i>Risk Factors for Psoriatic Arthritis</i> | 3.948 |
| Þórarinn Guðjónsson | University of Iceland | Magnús Karl Magnússon, Eiríkur Steingrímsson, Gunhild Mari Mælandsmo | <i>Functional role of non-coding RNAs in breast morphogenesis and epithelial to mesenchymal transition</i> | 7.030 |
| Total (thousand ISK): 52.743 | | | | |

Project Grants (Social sciences and humanities)

| Principal Investigator | Facilities | Co-proposers | Project | ISK |
|-------------------------|------------------------------|--|--|-------|
| Allyson Macdonald | University of Iceland | Auður Pálsdóttir, Svanborg R. Jónsdóttir, Svava Pétursdóttir, Almar M. Halldórsson, Ragnar F. Ólafsson | <i>EmergeCTE - Emerging curriculum areas and collective teacher efficacy</i> | 8.155 |
| Ármann Jakobsson | University of Iceland | Torfi H. Tulinius, Ásdís Egilsdóttir, Terry A. Gunnell, Stephen A. Mitchell | <i>Engaging the Paranormal in Medieval Iceland</i> | 6.405 |
| Árni Heimir Ingólfsson | Independent | Margrét Eggertsdóttir, Þórunn Sigurðardóttir, Guðrún Laufey Guðmundsdóttir | <i>The Songbook of Ólafur Jónsson á Söndum: Analysis, Context, Transmission</i> | 5.880 |
| Ásta Svavarsdóttir | The Arni Magnusson Institute | Eiríkur Rögnvaldsson, Guðrún Þórhallsdóttir, Haraldur Bernharðsson, Jóhannes Bjarni Sigtryggsson, Veturlíði Óskarsson, Wim Vandenbussche | <i>Language Change and Linguistic Variation in 19th-Century Icelandic and the Emergence of a National Standard</i> | 6.070 |
| Inga Dóra Sigfúsdóttir | Reykjavik University | John P. Allegrante, Álfeir Logi Kristjánsson | <i>Multilevel Analysis of Risk and Protective Factors for Risky Behaviours in Adolescents</i> | 5.400 |
| Matthew James Driscoll | Copenhagen University | Margrét Eggertsdóttir, Svanhildur Óskarsdóttir, Þórunn Sigurðardóttir, Árni Heimir Ingólfsson, Clarence E. Glad, Davíð Ólafsson, Silvia Hufnagel, Tereza Lansing | <i>The People's Press. Manuscript culture in the age of print</i> | 6.500 |
| Oddný Mjöll Arnardóttir | Reykjavik University | Xavier Groussot, Niamh Nic Shuibhne, Dinah Shelton, Gunnar Þór Pétursson | <i>Understanding the Margin of Appreciation in European Human Rights Regimes</i> | 7.894 |
| Sif Einarsdóttir | University of Iceland | James Rounds | <i>The development of personality, interests and life-goals in emerging adulthood</i> | 2.371 |

| | | | | |
|-------------------------------------|-----------------------|--|---|-------|
| Stefán Hrafn Jónsson | University of Iceland | Felicia Huppert, Ólafur Þ. Harðarson, Hulda Þórisdóttir, Guðbjörg Andrea Jónsdóttir, Dóra Guðmundsdóttir, Eva Heiða Önnudóttir | <i>The European Social Survey</i> | 6.401 |
| Úlfhildur Dagsdóttir | Independent | N/A | <i>The Book of Sjón - the adventure of Sjón, surrealism, narratives and visions</i> | 2.125 |
| Þórhallur Eyþórsson | University of Iceland | Eiríkur Rögnvaldsson, Kristján Árnason, Jóhanna Barðdal, Dag Haug, Anthony Kroch | <i>Syntactic Mutation: The Case of Icelandic</i> | 6.750 |
| Total (thousand ISK): 63.951 | | | | |