

# Icelandic Research Fund 2012

## *New proposals*

A total number of 267 proposals were submitted to the Icelandic Research Fund during its latest call (the deadline was 1 June 2011 (Project Grants and Grants of Excellence) and 15 June 2011 (START Fellowships) for new proposals for the grant year 2012). This is the highest number of new proposals in five years and the total amount of money applied for during the first project year goes over 1.7 billion ISK, the highest since the establishment of the Fund in 2004. An analysis of new proposals includes:

- A total number of 267 new proposals were submitted to the Icelandic Research Fund in June 2011 (for the grant year 2012), including 189 Project Grants proposals (70.8% of the total proposal number), 66 START Fellowship proposals (24.7% of the total proposal number) and 12 proposals for Grants of Excellence (4.5% of the total proposal number).
- The total amount of money applied for during the first project year is 1.7 billion ISK which divides between grant types as follows:
  - Project Grants: 1.1 billion ISK (64.0% of the total amount applied for)
  - START Fellowships: 365 million ISK (20.7% of the total amount applied for)
  - Grants of Excellence: 270 million ISK (15.3% of the total amount applied for)
- The number of proposals within each of the four Expert Panels is as follows:
  - Engineering, technical sciences and physical sciences: 64
  - Natural sciences and environmental sciences: 56
  - Health sciences and life sciences: 61
  - Social sciences and humanities: 86
- The total amount of money applied for is highest within the Expert Panel in Social sciences and humanities, exceeding 500 million ISK (for the first project year).
- Roughly 50% of all projects are multi-disciplinary.
- Roughly 85% of all proposals are for three year projects.
- Roughly 61% of all principal investigators are male and around 39% female. Male principal investigators dominate proposals in the Expert Panel on Engineering, technical sciences and physical sciences (95%) but female principal investigators are in majority in the Expert Panel on Social sciences and humanities (61%).
- Roughly 90% of all principal investigators hold a PhD degree.
- 267 master's students and 245 PhD students are listed in new proposals for the grant year 2012.
- Roughly 77% of principal investigators come from a university.

| Expert Panel (1)   | Project Grants |              | START Fellowships |              | Grants of Excellence |             | Total      |             |
|--|----------------|--------------|-------------------|--------------|----------------------|-------------|------------|-------------|
|  | Total          | %            | Total             | %            | Total                | %           | Total      | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 38             | 20,1%        | 23                | 34,8%        | 3                    | 25,0%       | 64         | 24,0%       |
| <i>Natural sciences and environmental sciences</i>           | 45             | 23,8%        | 9                 | 13,6%        | 2                    | 16,7%       | 56         | 21,0%       |
| <i>Health sciences and life sciences</i>                     | 49             | 25,9%        | 9                 | 13,6%        | 3                    | 25,0%       | 61         | 22,8%       |
| <i>Social sciences and humanities</i>                        | 57             | 30,2%        | 25                | 37,9%        | 4                    | 33,3%       | 86         | 32,2%       |
| <b>Total:</b>  | <b>189</b>     | <b>70,8%</b> | <b>66</b>         | <b>24,7%</b> | <b>12</b>            | <b>4,5%</b> | <b>267</b> | <b>100%</b> |

**Table 1:** Number of new proposals for the grant year 2012 (by Expert Panels and types of grants).

| Expert Panel (2)   | Project Grants   |              | START Fellowships |              | Grants of Excellence |              | Total            |             |
|--|------------------|--------------|-------------------|--------------|----------------------|--------------|------------------|-------------|
|  | Total            | %            | Total             | %            | Total                | %            | Total            | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 212.389          | 18,8%        | 130.434           | 35,7%        | 56.202               | 20,8%        | 399.025          | 22,6%       |
| <i>Natural sciences and environmental sciences</i>           | 292.542          | 25,9%        | 54.679            | 15,0%        | 51.485               | 19,0%        | 398.706          | 22,6%       |
| <i>Health sciences and life sciences</i>                     | 306.655          | 27,1%        | 57.721            | 15,8%        | 58.053               | 21,5%        | 422.429          | 23,9%       |
| <i>Social sciences and humanities</i>                        | 319.548          | 28,3%        | 122.379           | 33,5%        | 104.776              | 38,7%        | 546.703          | 30,9%       |
| <b>Total:</b>  | <b>1.131.134</b> | <b>64,0%</b> | <b>365.213</b>    | <b>20,7%</b> | <b>270.516</b>       | <b>15,3%</b> | <b>1.766.863</b> | <b>100%</b> |

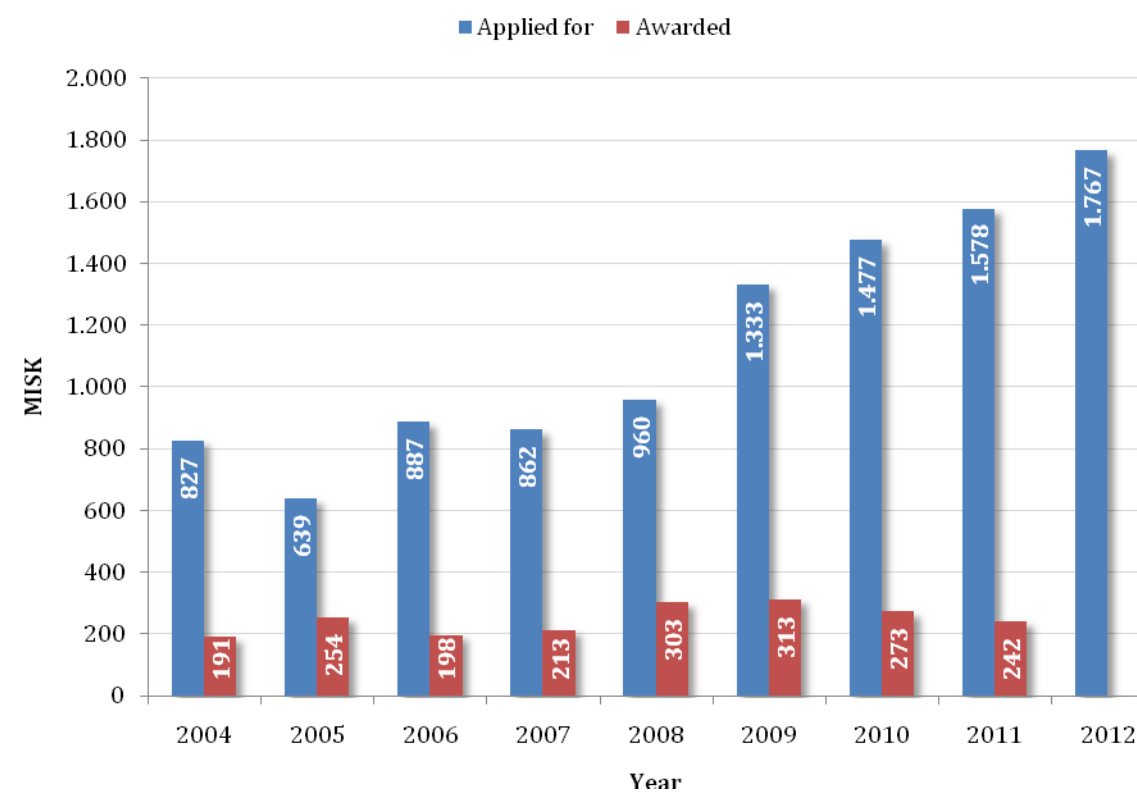
**Table 2:** Total amount applied for in new proposals (first year) for the grant year 2012 (by Expert Panels and types of grants).

| Expert Panel (3)   | Project Grants     |              | START Fellowships  |              | Grants of Excellence |              | Total              |              |
|--|--------------------|--------------|--------------------|--------------|----------------------|--------------|--------------------|--------------|
|  | Multi-disciplinary | %            | Multi-disciplinary | %            | Multi-disciplinary   | %            | Multi-disciplinary | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 24                 | 63,2%        | 5                  | 21,7%        | 2                    | 66,7%        | 31                 | 48,4%        |
| <i>Natural sciences and environmental sciences</i>           | 19                 | 42,2%        | 3                  | 33,3%        | 2                    | 100%         | 24                 | 42,9%        |
| <i>Health sciences and life sciences</i>                     | 21                 | 42,9%        | 4                  | 44,4%        | 0                    | 0,0%         | 25                 | 41,0%        |
| <i>Social sciences and humanities</i>                        | 29                 | 50,9%        | 11                 | 44,0%        | 3                    | 75,0%        | 43                 | 50,0%        |
| <b>Total:</b>  | <b>93</b>          | <b>49,2%</b> | <b>23</b>          | <b>34,8%</b> | <b>7</b>             | <b>58,3%</b> | <b>123</b>         | <b>46,1%</b> |

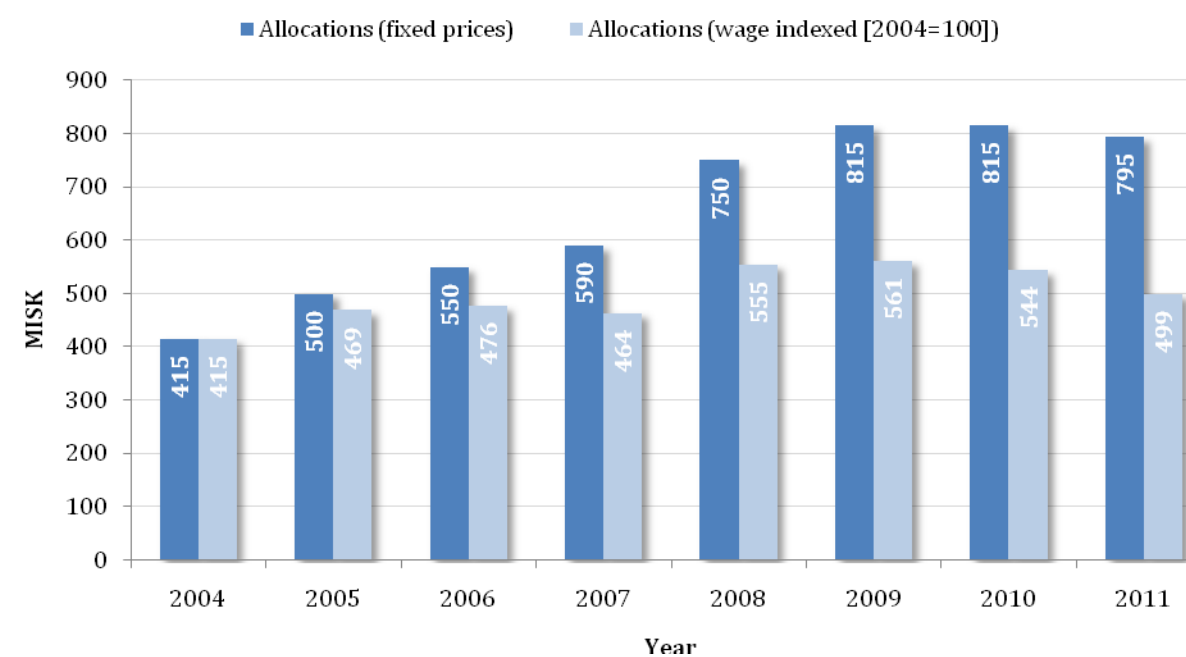
| Expert Panel (4)   | Project Grants         |              | START Fellowships      |              | Grants of Excellence   |              | Total                  |              |
|--|------------------------|--------------|------------------------|--------------|------------------------|--------------|------------------------|--------------|
|  | Not multi-disciplinary | %            | Not multi-disciplinary | %            | Not multi-disciplinary | %            | Not multi-disciplinary | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 14                     | 36,8%        | 18                     | 78,3%        | 1                      | 33,3%        | 33                     | 51,6%        |
| <i>Natural sciences and environmental sciences</i>           | 26                     | 57,8%        | 6                      | 66,7%        | 0                      | 0,0%         | 32                     | 57,1%        |
| <i>Health sciences and life sciences</i>                     | 28                     | 57,1%        | 5                      | 55,6%        | 3                      | 100%         | 36                     | 59,0%        |
| <i>Social sciences and humanities</i>                        | 28                     | 49,1%        | 14                     | 56,0%        | 1                      | 25,0%        | 43                     | 50,0%        |
| <b>Total:</b>  | <b>96</b>              | <b>50,8%</b> | <b>43</b>              | <b>65,2%</b> | <b>5</b>               | <b>41,7%</b> | <b>144</b>             | <b>53,9%</b> |

**Tables 3-4:** Number of multi-disciplinary proposals and not multi-disciplinary proposals for the grant year 2012 (by Expert Panels and types of grants).

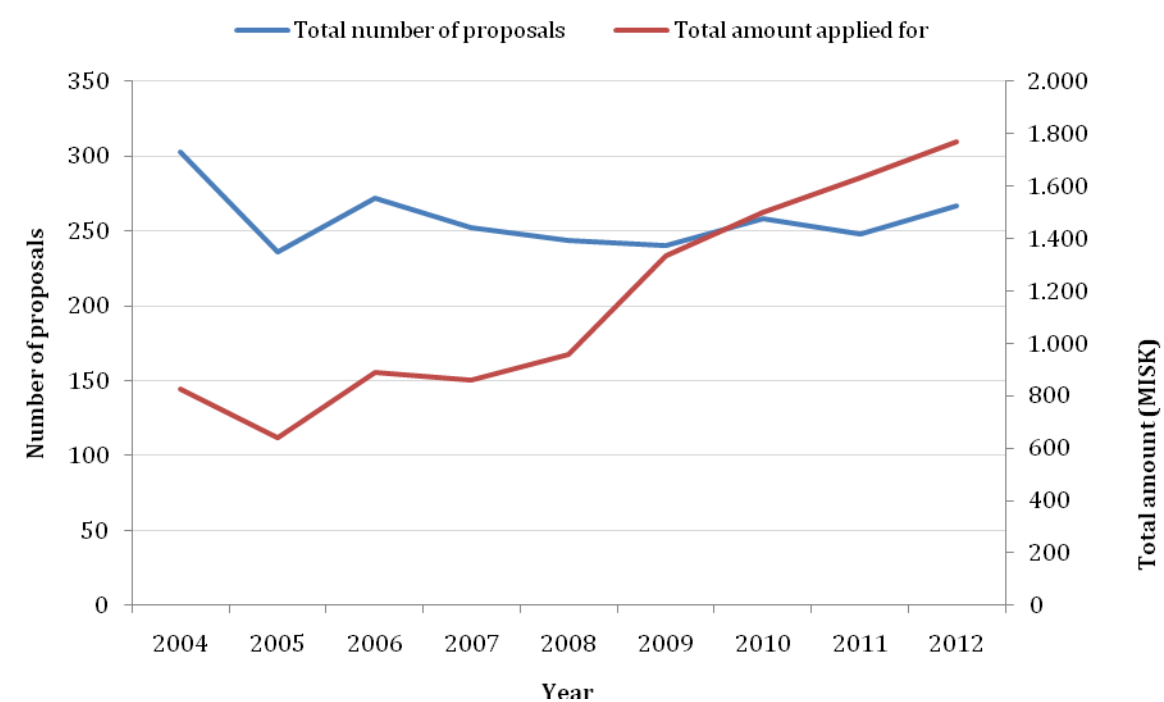
Picture 2



Picture 1



Picture 3



Picture 1: Allocations to the Icelandic Research Fund in 2004-2010, both in fixed prices (blue) and wage indexed (light blue).

Picture 2: Total amount of money applied for in new proposals during the first year in 2004-2012 (blue) and total amount of money awarded to new projects in the first year in 2004-2011.

Picture 3: Total number of new proposals in 2004-2012 (blue) and total amount of money applied for in new proposals during the first year (red).

| All grant types (5)  | One year projects |             | Two year projects |              | Three year projects |              |
|--|-------------------|-------------|-------------------|--------------|---------------------|--------------|
|  | Total             | %           | Total             | %            | Total               | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 0                 | 0,0%        | 6                 | 9,4%         | 58                  | 90,6%        |
| <i>Natural sciences and environmental sciences</i>           | 0                 | 0,0%        | 2                 | 3,6%         | 54                  | 96,4%        |
| <i>Health sciences and life sciences</i>                     | 2                 | 3,3%        | 13                | 21,3%        | 46                  | 75,4%        |
| <i>Social sciences and humanities</i>                        | 2                 | 2,3%        | 13                | 15,1%        | 71                  | 82,6%        |
| <b>Total:</b>  | <b>4</b>          | <b>1,5%</b> | <b>34</b>         | <b>12,7%</b> | <b>229</b>          | <b>85,8%</b> |

| Project Grants (6)   | One year projects |             | Two year projects |              | Three year projects |              |
|--|-------------------|-------------|-------------------|--------------|---------------------|--------------|
|  | Total             | %           | Total             | %            | Total               | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 0                 | 0,0%        | 2                 | 5,3%         | 36                  | 94,7%        |
| <i>Natural sciences and environmental sciences</i>           | 0                 | 0,0%        | 2                 | 4,4%         | 43                  | 95,6%        |
| <i>Health sciences and life sciences</i>                     | 2                 | 4,1%        | 10                | 20,4%        | 37                  | 75,5%        |
| <i>Social sciences and humanities</i>                        | 1                 | 1,8%        | 7                 | 12,3%        | 49                  | 86,0%        |
| <b>Total:</b>  | <b>3</b>          | <b>1,6%</b> | <b>21</b>         | <b>11,1%</b> | <b>165</b>          | <b>87,3%</b> |

| START Fellowships (7)  | One year projects |           | Two year projects |              | Three year projects |              |
|--|-------------------|-----------|-------------------|--------------|---------------------|--------------|
|  | Total             | %         | Total             | %            | Total               | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 0                 | 0,0%      | 4                 | 17,4%        | 19                  | 82,6%        |
| <i>Natural sciences and environmental sciences</i>           | 0                 | 0,0%      | 0                 | 0,0%         | 9                   | 100%         |
| <i>Health sciences and life sciences</i>                     | 0                 | 0,0%      | 3                 | 33,3%        | 6                   | 66,7%        |
| <i>Social sciences and humanities</i>                        | 1                 | 0,0%      | 6                 | 24,0%        | 18                  | 72,0%        |
| <b>Total:</b>  | <b>1</b>          | <b>2%</b> | <b>13</b>         | <b>19,7%</b> | <b>52</b>           | <b>78,8%</b> |

| Grants of Excellence (8)                                     | One year projects |           | Two year projects |           | Three year projects |             |
|--|-------------------|-----------|-------------------|-----------|---------------------|-------------|
|  | Total             | %         | Total             | %         | Total               | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 0                 | 0,0%      | 0                 | 0,0%      | 3                   | 100%        |
| <i>Natural sciences and environmental sciences</i>           | 0                 | 0,0%      | 0                 | 0,0%      | 2                   | 100%        |
| <i>Health sciences and life sciences</i>                     | 0                 | 0,0%      | 0                 | 0,0%      | 3                   | 100%        |
| <i>Social sciences and humanities</i>                        | 0                 | 0,0%      | 0                 | 0,0%      | 4                   | 100%        |
| <b>Total:</b>  | <b>0</b>          | <b>0%</b> | <b>0</b>          | <b>0%</b> | <b>12</b>           | <b>100%</b> |

**Töflur 5-8:** Total length of projects (new proposals for the grant year 2012), listed by Expert Panels and all types of grants (5), Expert Panels and Project Grants (6), Expert Panels and START Fellowships (7) and Expert Panels and Grants of Excellence (8).

| All grant types (9)  | Principal investigators |              |            |              |
|--|-------------------------|--------------|------------|--------------|
|  | Male                    | %            | Female     | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 60                      | 92,3%        | 5          | 7,7%         |
| <i>Natural sciences and environmental sciences</i>           | 32                      | 57,1%        | 24         | 42,9%        |
| <i>Health sciences and life sciences</i>                     | 39                      | 63,9%        | 22         | 36,1%        |
| <i>Social sciences and humanities</i>                        | 34                      | 39,1%        | 53         | 60,9%        |
| <b>Total:</b>  | <b>165</b>              | <b>61,3%</b> | <b>104</b> | <b>38,7%</b> |

| Project Grants (10)  | Principal investigators |              |           |              |
|--|-------------------------|--------------|-----------|--------------|
|  | Male                    | %            | Female    | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 37                      | 94,9%        | 2         | 5,1%         |
| <i>Natural sciences and environmental sciences</i>           | 29                      | 64,4%        | 16        | 35,6%        |
| <i>Health sciences and life sciences</i>                     | 33                      | 67,3%        | 16        | 32,7%        |
| <i>Social sciences and humanities</i>                        | 22                      | 37,9%        | 36        | 62,1%        |
| <b>Total:</b>  | <b>121</b>              | <b>63,4%</b> | <b>70</b> | <b>36,6%</b> |

| START Fellowships (11)                                       | Principal investigators |              |           |              |
|--|-------------------------|--------------|-----------|--------------|
|  | Male                    | %            | Female    | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 20                      | 87,0%        | 3         | 13,0%        |
| <i>Natural sciences and environmental sciences</i>           | 1                       | 11,1%        | 8         | 88,9%        |
| <i>Health sciences and life sciences</i>                     | 3                       | 33,3%        | 6         | 66,7%        |
| <i>Social sciences and humanities</i>                        | 10                      | 40,0%        | 15        | 60,0%        |
| <b>Total:</b>  | <b>34</b>               | <b>51,5%</b> | <b>32</b> | <b>48,5%</b> |

| Grants of Excellence (12)                                    | Principal investigators |              |          |              |
|--|-------------------------|--------------|----------|--------------|
|  | Male                    | %            | Female   | %            |
| <i>Engineering, technical sciences and physical sciences</i> | 3                       | 100%         | 0        | 0,0%         |
| <i>Natural sciences and environmental sciences</i>           | 2                       | 100%         | 0        | 0,0%         |
| <i>Health sciences and life sciences</i>                     | 3                       | 100%         | 0        | 0,0%         |
| <i>Social sciences and humanities</i>                        | 2                       | 50,0%        | 2        | 50,0%        |
| <b>Total:</b>  | <b>10</b>               | <b>83,3%</b> | <b>2</b> | <b>16,7%</b> |

\* Two Project Grant proposals include two PIs

| Academic degree (13)  | Principal investigators |             |
|-----------------------|-------------------------|-------------|
|                       | Total*                  | %           |
| <i>PhD</i>            | 238                     | 88,5%       |
| <i>Masters</i>        | 28                      | 10,4%       |
| <i>Bachelors</i>      | 0                       | 0,0%        |
| <i>Medical degree</i> | 3                       | 1,1%        |
| <i>Other</i>          | 0                       | 0,0%        |
| <b>Total:</b>         | <b>269</b>              | <b>100%</b> |

\* Two Project Grant proposals include two PIs

**Tables 9-12:** Principal investigators by gender in new proposals for the grant year 2012, listed by Expert Panels and all types of grants (9), Expert Panels and Project Grants (10), Expert Panels and START Fellowships (11) and Expert Panels and Grants of Excellence (12).

**Table 13:** Principal investigators by academic degree in new proposals for the grant year 2012 (13).

| All grant types (14)   | Master's students |              | PhD students |              | Total      |             |
|--|-------------------|--------------|--------------|--------------|------------|-------------|
|  | Total             | %            | Total        | %            | Total      | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 75                | 28,1%        | 64           | 26,1%        | 139        | 27,1%       |
| <i>Natural sciences and environmental sciences</i>           | 29                | 10,9%        | 46           | 18,8%        | 75         | 14,6%       |
| <i>Health sciences and life sciences</i>                     | 65                | 24,3%        | 56           | 22,9%        | 121        | 23,6%       |
| <i>Social sciences and humanities</i>                        | 98                | 36,7%        | 79           | 32,2%        | 177        | 34,6%       |
| <b>Total:</b>  | <b>267</b>        | <b>52,1%</b> | <b>245</b>   | <b>47,9%</b> | <b>512</b> | <b>100%</b> |

| Project Grants (15)  | Master's students |              | PhD students |              | Total      |             |
|--|-------------------|--------------|--------------|--------------|------------|-------------|
|  | Total             | %            | Total        | %            | Total      | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 38                | 18,5%        | 48           | 24,4%        | 86         | 21,4%       |
| <i>Natural sciences and environmental sciences</i>           | 23                | 11,2%        | 37           | 18,8%        | 60         | 14,9%       |
| <i>Health sciences and life sciences</i>                     | 56                | 27,3%        | 46           | 23,4%        | 102        | 25,4%       |
| <i>Social sciences and humanities</i>                        | 88                | 42,9%        | 66           | 33,5%        | 154        | 38,3%       |
| <b>Total:</b>  | <b>205</b>        | <b>51,0%</b> | <b>197</b>   | <b>49,0%</b> | <b>402</b> | <b>100%</b> |

| START Fellowships (16)                                       | Master's students |              | PhD students |              | Total     |             |
|--|-------------------|--------------|--------------|--------------|-----------|-------------|
|  | Total             | %            | Total        | %            | Total     | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 28                | 66,7%        | 10           | 58,8%        | 38        | 64,4%       |
| <i>Natural sciences and environmental sciences</i>           | 2                 | 4,8%         | 3            | 17,6%        | 5         | 8,5%        |
| <i>Health sciences and life sciences</i>                     | 5                 | 11,9%        | 4            | 23,5%        | 9         | 15,3%       |
| <i>Social sciences and humanities</i>                        | 7                 | 16,7%        | 0            | 0,0%         | 7         | 11,9%       |
| <b>Total:</b>  | <b>42</b>         | <b>71,2%</b> | <b>17</b>    | <b>28,8%</b> | <b>59</b> | <b>100%</b> |

| Grants of Excellence (17)                                    | Master's students |              | PhD students |              | Total     |             |
|--|-------------------|--------------|--------------|--------------|-----------|-------------|
|  | Total             | %            | Total        | %            | Total     | %           |
| <i>Engineering, technical sciences and physical sciences</i> | 9                 | 45,0%        | 6            | 19,4%        | 15        | 29,4%       |
| <i>Natural sciences and environmental sciences</i>           | 4                 | 20,0%        | 6            | 19,4%        | 10        | 19,6%       |
| <i>Health sciences and life sciences</i>                     | 4                 | 20,0%        | 6            | 19,4%        | 10        | 19,6%       |
| <i>Social sciences and humanities</i>                        | 3                 | 15,0%        | 13           | 41,9%        | 16        | 31,4%       |
| <b>Total:</b>  | <b>20</b>         | <b>39,2%</b> | <b>31</b>    | <b>60,8%</b> | <b>51</b> | <b>100%</b> |

**Tables 14-17:** Master's and PhD students participating in new projects for the grant year 2012, listed by Expert Panels and all types of grants (14), Expert Panels and Project Grants (15), Expert Panels and START Fellowships (16) and Expert Panels and Grants of Excellence (17).

| All Expert Panels               | Principal investigator |             |
|---------------------------------|------------------------|-------------|
|                                 | Total*                 | %           |
| University                      | 207                    | 77,0%       |
| University/research institution | 2                      | 0,7%        |
| University/company              | 0                      | 0,0%        |
| Research institution            | 22                     | 8,2%        |
| Landspítali                     | 16                     | 5,9%        |
| Landspítali/university          | 0                      | 0,0%        |
| Company                         | 17                     | 6,3%        |
| Independent researcher          | 5                      | 1,9%        |
| <b>Total:</b>                   | <b>269</b>             | <b>100%</b> |

| Engineering, technical sciences and physical sciences | Principal investigator |             |
|---|------------------------|-------------|
|   | Total*                 | %           |
| University  | 60                     | 92,3%       |
| University/research institution                       | 0                      | 0,0%        |
| University/company                                    | 0                      | 0,0%        |
| Research institution                                  | 1                      | 1,5%        |
| Landspítali   | 1                      | 1,5%        |
| Landspítali/university                                | 0                      | 0,0%        |
| Company   | 3                      | 4,6%        |
| Independent researcher                                | 0                      | 0,0%        |
| <b>Total:</b>   | <b>65</b>              | <b>100%</b> |

| Natural sciences and environmental sciences | Principal investigator |             |
|---|------------------------|-------------|
|   | Total                  | %           |
| University                                  | 39                     | 69,6%       |
| University/research institution             | 2                      | 3,6%        |
| University/company                          | 0                      | 0,0%        |
| Research institution                        | 14                     | 25,0%       |
| Landspítali                                 | 0                      | 0,0%        |
| Landspítali/university                      | 0                      | 0,0%        |
| Company                                     | 1                      | 2,8%        |
| Independent researcher                      | 0                      | 0,0%        |
| <b>Total:</b>                               | <b>56</b>              | <b>100%</b> |

| Health sciences and life sciences | Principal investigator |             |
|-----------------------------------|------------------------|-------------|
|                                   | Total                  | %           |
| University                        | 36                     | 59,0%       |
| University/research institution   | 0                      | 0,0%        |
| University/company                | 0                      | 0,0%        |
| Research institution              | 2                      | 3,3%        |
| Landspítali                       | 15                     | 24,6%       |
| Landspítali/university            | 0                      | 0,0%        |
| Company                           | 8                      | 13,1%       |
| Independent researcher            | 0                      | 0,0%        |
| <b>Total:</b>                     | <b>61</b>              | <b>100%</b> |

| Social sciences and humanities  | Principal investigator |             |
|---------------------------------|------------------------|-------------|
|                                 | Total*                 | %           |
| University                      | 72                     | 82,8%       |
| University/research institution | 0                      | 0,0%        |
| University/company              | 0                      | 0,0%        |
| Research institution            | 5                      | 5,7%        |
| Landspítali                     | 0                      | 0,0%        |
| Landspítali/university          | 0                      | 0,0%        |
| Company                         | 5                      | 5,7%        |
| Independent researcher          | 5                      | 5,7%        |
| <b>Total:</b>                   | <b>87</b>              | <b>100%</b> |

\* Two Project Grant proposals include two PIs

**Tables 18-22:** Research facilities, listed by principal investigators and all Expert Panels (18), principal investigators and Expert Panel in Engineering, technical sciences and physical sciences (19), principal investigators and Expert Panel in Natural sciences and environmental sciences (20), principal investigators and Expert Panel in Health sciences and life sciences (21) and principal investigators and Expert Panel in Social Sciences and humanities (22).