**Selection about Postdoctoral Research Program, 2019**

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| **Field of support** | | | **Name** | **Research Title** |
| **Humanities, Social Sciences, Arts & Sports**  **(3 projects)** |  | Intramural | Im, Hyeong-taek | A study on methodology of literature study and education as a human development in the era of the fourth industrial revolution |
| **Humanities**  **(1 project)** |
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| **Social Sciences**  **(2 projects)** | Intramural | Lee Dae Woong | A Basic Study on the Establishment of Urban Disaster Resilience – Focusing on a comparative analysis between the factors of disaster resilience presented by UNISDR(2017) |
| Abroad | Kim Min Young | A competitive study on exploration of public sector innovation capacity: With focus on the Korean and Philippines Public Sectors |
| **Science and Engineering**  **(8 projects)** | **Science,**  **Engineering**  **(8 projects)** | Intramural | Lee, Min-Chul | Study on mechanism of interaction of lipidome and lifespan extension |
| Intramural | Jeon Jae Ho | Development of New-functional Nano-materials for Quantum Information Device |
| Intramural | Ganesh Tanaji | Development of II-VI/Si based efficient tandem solar cells: Novel Approach |
| Intramural | Shrawan Roy | Enhancement of Quantum Yields of Monolayer Transition Metal Diselenides by Chemically Passivating Lattice Defects |
| Abroad | Sul Ki Park | Development of multivalent ion storage materials based on two-dimensional vanadium oxide |
| Abroad | Jaewoo Shim | Three-Dimensional Vertical Synaptic Array Implementation based on Two-Dimensional Nano-Materials for Neuromorphic Computing |
| Abroad | Seonju Yeo | 3D printing of composite materials incorporating stimuli-responsive microcapsules for soft actuators |
| Abroad | Yun, Seok Joon | Synthesis of two dimensional ferromagnetic material by chemical vapor deposition and its analysis |

※ **From the 2018 year, trainees can apply only one time**. Trainees cannot selected for extend periods of time. Total training duration cannot over 1 year.

※ **Those who receive same type of financial support(Personnel salaries) from National R&D Program or National Fostering Human Resources Program (such as National Research Foundation’s BK21PLUS Program, Research professor supporting program, Post-doctoral training program and so on) are not eligible to apply for this project.**

**President of Research & Business Foundation**