**Selection about Postdoctoral Research Program, 2017**

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| **Field of support** | | | **Name** | **Research Title** |
| **Humanities, Social Sciences, Arts & Sports**  **(5 projects)** | **Humanities**  **(2 projects)** | Intramural | Hye Yeong Kim | Adoption of the process-oriented approach in EFL contexts: Challenges and Opprotunities |
| Intramural | Kim Taiwoong | A Study on compiling way of gosijo anthology as literary text |
| **Social Sciences**  **(2 projects)** | Intramural | Ryu Doowon | Product market competition and large business group: Perspective of creative destruction theory |
| Intramural | Song, Min Sun | Analyzing the Sentence Structure for Automatic Identification of Metadata Elements based on the Logical Semantic Structure of Research Articles |
| **Arts & Sports**  **(1 project)** | Intramural | Seyong Jang | The psychological effect of short-term exercise based on visual stimulation of healing environment |
| **Science and Engineering**  **(11 projects)** | **Science,**  **Medicine, Pharmacy**  **(7 projects)** | Abroad | Park Ji Hoon | Synthesis and Functionalization of Large-Area Mxenes by Chemical Vapor Deposition |
| Abroad | Jeong Hye Yun | Vertical light emitting diode based on CVD-grown 2D materials |
| Intramural | Park Gwi Ok | Development of Nanoframework Electrode Materials for Energy Storage |
| Abroad | Hanleem Lee | Roadmap of quantum chemistry for two dimension materials |
| Intramural | Chang-Bum Jeong | Trophic transfer of microplastics via aquatic food chain and the risk assessment |
| Abroad | Kim Tae Hwan | Development of a novel physiologically relevant IVIVC modeling approach for establishing drug release profiles |
| Abroad | Song Hyun Jin | Prescription pattern for proton pump inhibitor (PPI) and association between adverse events such as dementia and chronic kidney disease and PPI use in South Korea |
| **Engineering**  **(4 projects)** | Intramural | Kim, Ju-Won | Magnetic sensing based NDE technique for large diameter cables of long span bridge |
| Intramural | Hong Suk Woo | Study on the Fatigue Characteristics of Interference Fitted CFRP Composite |
| Abroad | Hui-Seon Kim | Interface Control for the Efficient Charge-Transfer in Perovskite Solar Cells |
| Intramural | Seung Won Shin | A study of a cancer-specific microRNA profile-induced synthetic organelle for its new cellular metabolic interference |

※ **From the 2008 year, trainees can apply only one time**. Trainees cannot selected for extend periods of time. Total training duration cannot over 1 year.

**President of Research & Business Foundation**