Funding Framework in JAPAN

The Roles of Japan Society for the Promotion of Science

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2008.6.5
S&T Policy Players in Japan

Council for S&T Policy (CSTP): Basic principles and overall coordination

Ministries

MEXT
(Ministry of Education, Culture, Sports, Science & Technology)

Funding Agencies (FAs)

JSPS
(Japan Science and Technology Agency)

JST
(Japan Science and Technology Agency)

MEXT-related FAs (Independent Administrative Institutions)

Institutions

Universities, Research Institutions, Local Govs, Private Sector

Researchers

Funding Framework in JAPAN, WCCI2008 Panel on "Funding Opportunities in Computational Intelligence"
Established by the Cabinet in March 2006
Investment target: 25 trillion yen (220 billion dollars) during 2006-2010

Prioritizing Science & Technology
- Promotion of basic science
- Prioritized investment in strategic fields
  - 4 priority promotion areas
    - Life science, IT, Environmental science, Nanotech & materials
  - 4 promotion areas
    - Energy, MONODZUKURI-tech, Social infrastructure, Frontier
- Effective research and development

Reforming the Science & Technology System
- Fostering, retaining and utilizing talented people
- Continuous creation of innovation
- Strengthening S&T facilities
- Conducting Strategic international activities

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Science and Technology Supported by the Public

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Japan Society for the Promotion of Science was established as a non-profit foundation through an endowment by Emperor Showa in 1932.

It is Japan’s core funding agency supporting universities and research institutes in advancing science in all fields including humanities and social sciences.

Annual funding scale: nearly US$ 2 billion
Competitive grants targeting scientific research based upon the free ideas of researchers.
Covers all the fields of sciences.
Budget scale (FY2007): ¥191.3 billion
- About 5% of government’s entire S&T budget (¥3.5 trillion)
- About 40% of government’s competitive funding (¥476.6 billion)
At JSPS, 5,000 researchers conduct peer-review screening
About 20,000 proposals are selected out of 90,000 new applications (22% selection ratio). There are 45,000 ongoing grants (total of new and carryover grants).
Fellowships / Fostering Talents

Postdoctoral Fellowships for Foreign Researchers

- Japanese universities/research institutes invite young researchers from overseas to participate in collaborative research activities for 1-2 years.
- In 2006, 1,962 researchers were awarded this fellowship (982 are from Asia).

Ronpakü (Dissertation PhD) Program

- A PhD degree is obtained from a Japanese university by submitting a dissertation.
- 30 PhD candidates are awarded the fellowships every year allowing them to visit their Japanese host universities up to 90 days for 5 years.
- As of 2006, 490 candidates are successfully awarded PhDs through this program.

Invitation Fellowships for Research in Japan

- Mid-career or above researchers are invited to Japan for 14-60 days (to give lectures) or for 2-10 months (to conduct joint research).
- In 2006, 457 researchers were awarded this fellowship (112 are from Asia).

Asian Science Seminars

- Held in cooperation with CAS (China), KOSEF (Korea) and DST (India).
- Provides opportunities for young researchers to receive trainings in cutting-edge fields of common interest to all 3 countries.

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Thank you

For more information; please visit our websites.

Japanese
www.jsps.go.jp

English
www.jsps.go.jp/english/index.html

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THE BASIC RESEARCH PROGRAM
by JST (Japan Science and Technology Agency)

"SAKI GAKE"

Research Supervisor
"Dr. Mitsuo Kawato"

Research Area
“Creation of innovative fundamental technologies for utilizing information related to action and judgment in the brain”

Brain-Machine Interfaces
(BMI)

http://www.jst.go.jp/kisoken/presto/index_e.html