JSPS Info Session
at 2017 SRA International Annual Meeting

Kohji Hirata, Ph.D.
Director, JSPS Washington Office
What is JSPS?

- **Japan Society for the Promotion of Science**
- Japan’s core funding agency ($3B/year)
- Established in **1932**
- Respects **bottom-up and curiosity driven** research
- Not only Natural Sciences

President
Yuichiro ANZAI, Ph.D.
JSPS: its Four Major Objectives

- Create world-class knowledge in diverse fields
  Competitive research funding: Grants-in-Aid

- Foster the next generations and enhance the education/research functions of universities
  Research fellowships for young scientists
  Joint programs with MEXT

- Build robust international cooperative networks
  Collaborations with overseas partners

- Build evidence-based science-promotion systems and strengthen linkage with society
  Research Center for Science Systems
Thank you for your kind attention.

A rooster as a symbol of bright future with Science
JSPS Info Session
at 2017 SRA International Annual Meeting

Masato Takei
Staff, JSPS Washington Office
International Programs of JSPS

Collaborative Activities with 89 institutions in 50 countries/regions

(1) Supporting International Joint Research and Seminars
- Bilateral Programs
- Core-to-Core Program
- G8 Research Councils Initiative
- A3 Foresight Program
  etc.

(2) Providing International Training Opportunities
- Frontiers of Science (FoS) Symposiums
- Travel Grant for Attending Lindau Meetings
- HOPE Meetings
- FAPESP-JSPS Joint Research Workshop
  etc.

(3) Inviting Researchers to Japan
- Postdoctoral Fellowships for Overseas Researchers
- Invitation Fellowships for Research in Japan
  etc.

(4) Sending Young Researchers Overseas
- Postdoctoral Fellowships for Research Abroad
- Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers

(5) Supporting University Internationalization
- Supporting the Overseas Development of Japanese Universities
- Providing Practical Overseas Training for University Administrative Staffs
Number of Researchers Exchanged under JSPS Programs

◆ Foreign Researchers → Japan (FY2014)

- North America 316
  - United States (279)
  - Canada (37)

- Europe 1,407
  - France (325)
  - Germany (229)
  - Italy (124)
  - U.K. (117)
  - Austria (80)
  - Russia (65)
  - Sweden (44)
  - Netherlands (39)
  - Hungary (36)
  - Finland (27)
  - Others (244)

- Africa 122
  - Egypt (41)
  - Kenya (20)
  - South Africa (13)
  - Nigeria (10)
  - Ethiopia (5)
  - Tunisia (5)
  - Others (28)

- Asia 1,967
  - China (530)
  - Korea, Rep. (437)
  - India (308)
  - Thailand (144)
  - Indonesia (121)
  - Vietnam (114)
  - Bangladesh (65)
  - Taiwan (53)
  - Others (195)

- Oceania 94
  - Australia (66)
  - New Zealand (28)

- North America 1,148
  - USA (1,075)
  - Canada (73)

Total 3,997

◆ Japanese Researchers → Abroad (FY2014)

- Africa 184
  - Kenya (57)
  - South Africa (30)
  - Tunisia (18)
  - Egypt (15)
  - Tanzania (14)
  - Others (50)

- Asia 2,122
  - Korea, Rep. (416)
  - China (389)
  - Thailand (245)
  - Indonesia (188)
  - Vietnam (176)
  - Malaysia (174)
  - India (156)
  - Others (378)

- Europe 2,196
  - France (485)
  - Germany (467)
  - U.K. (234)
  - Switzerland (146)
  - Russia (132)
  - Italy (129)
  - Netherlands (110)
  - Sweden (81)
  - Finland (43)
  - Others (345)

- Oceania 112
  - Australia (78)
  - New Zealand (34)

Total 5,902
### Bilateral Cooperation without MoUs: Open Partnership Joint Projects/Seminars

**Proposal**

**Support**

### JSPS

**Japanese Researchers**

**Joint Research Projects**

**Joint Seminars**

**Overseas Researchers**

### Any Funding Agencies

**Proposal**

**Support** (Expected but not required)

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#### Bilateral joint projects and seminars with countries that haven't concluded MoUs.

**Support for Japanese Team:**

- **Joint Research:** Up to JPY 2.5 million/year/project for two years
- **Joint Seminar:** Up to JPY 2.5 million/seminar

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#### FY2015 - FY2017

<table>
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<th>FY2015</th>
<th>FY2016</th>
<th>FY2017</th>
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<td>43/194</td>
<td>44/258</td>
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<td>3/29</td>
<td>8/27</td>
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<td>(NA/All)</td>
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<td>(15)</td>
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<td>1/8</td>
<td>1/6</td>
<td>1/5</td>
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<tr>
<td>(# of countries)</td>
<td>(8)</td>
<td>(6)</td>
<td>(5)</td>
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A. Advanced Research Networks

- Target: Any country in the world
- Objective:
  - Promote International collaboration in cutting edge fields by creating world-class research hubs
  - Foster new generations of talented young researchers in Japan and other countries
- Grants: Up to JPY 18 million /year from JSPS + matching fund from counterpart countries required
- Project Duration: 5 years

B. Asia-Africa Science Platforms

- Target: Asian and/or African countries / regions
- Objective:
  - Japanese research institutions take the lead in building research hubs and fostering young researchers to contribute to Asian/African region
- Grants: Up to JPY 8 million /year from JSPS
- Project Duration: 3 years

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<td>A. Advanced</td>
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<td>9 (*2)</td>
<td>34</td>
<td>8</td>
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<tr>
<td>B. Asia-Africa</td>
<td>102</td>
<td>11</td>
<td>80</td>
<td>11</td>
<td>56</td>
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</table>

(*) number of projects which includes Finland as one of the partner countries
### Fellowship Programs to Japan

**Ph.D.**

**Career Stages of Researchers**
- Ph.D. Courses
- 6 years after Ph.D.
- Mid career
- Professor
- Nobel Prize level

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#### Postdoctoral Fellowships
- **Standard**
  - 1 - 2 years
  - Open recruitment
  - About 240

#### Invitation Fellowships
- **Long-Term**
  - 2 - 10 months
  - Open recruitment
  - About 70
- **Short-Term**
  - 14-60 days
  - Open recruitment
  - About 190
- **Short-Term S**
  - 7-30 days
  - A Few

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#### Summer Program
- **Short-term**
  - (for North American and European researchers)
  - 1-12 months
  - About 60
- **GROW**
  - 3-12 months
  - About 30 (US)

### Number of invited fellows from North America

<table>
<thead>
<tr>
<th>Year</th>
<th>Canada</th>
<th>United States</th>
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<tbody>
<tr>
<td>2013</td>
<td>152</td>
<td>74</td>
</tr>
<tr>
<td>2014</td>
<td>154</td>
<td>59</td>
</tr>
<tr>
<td>2015</td>
<td>154</td>
<td>66</td>
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- **Postdoctoral Fellowships**
- **Invitation Fellowships**
  - **Short**
  - **Long**
Fellowship Programs for Research in Japan
Application Process

- Open Recruitment

1. Overseas Researcher
2. Host Researcher
3. Host Institution
4. JSPS HQ

- Application through Overseas Nominating Authorities

1. Overseas Researcher
2. Nominating Authorities
3. JSPS HQ
**Participants**
About 115 young pre/postdoctoral researchers (US, UK, France, Germany, Sweden and Canada)

**Activities**

*Orientation: 1 week>*
Japanese Language, Culture, Homestay, Poster Session

*Cooperative research: 8 weeks>*
At a Japanese university or research institute

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**Number of Invited Researchers**

<table>
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<tr>
<th>Year</th>
<th>USA</th>
<th>UK</th>
<th>Germany</th>
<th>France</th>
<th>Canada</th>
<th>Sweden</th>
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<td>FY 2016</td>
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<td>12</td>
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<td>10</td>
<td>5</td>
<td>115</td>
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Fellowships for Research in Japan

Fellowships for Research in Japan 2016

Summer Program 2017
Youthful brilliance scintillates in summer Japan
JSPS Summer Program: Orientation

INSURANCE POLICY FOR JSPS FELLOWS

JSPS Summer Program 2016
Support for Outbound Young Japanese Researchers

Postdoctoral Fellowships for Research Abroad
<Individual Support>

FY 2014: 456 persons / 22 countries
To North America: 288 persons

FY 2015: 433 persons / 25 countries
To North America: 270 persons

Duration of Projects: 1 - 3 years
Financial Support: Up to 40 million Japanese yen / year / project
(*however, the first year 25 million Japanese yen / year / project)

Tenure: 2 years
Financial Support:
3.8 - 5.2 million Japanese yen / year / person

Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers
<Organizational Support> Since 2014

<table>
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<tr>
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<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<td>84</td>
<td>80</td>
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<td>Countries</td>
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<td>55</td>
<td>46</td>
<td>48</td>
<td>48</td>
</tr>
<tr>
<td>Dispatched (To North America)</td>
<td>414 (123)</td>
<td>530 (165)</td>
<td>387 (111)</td>
<td>782 (196)</td>
<td>758 (247)</td>
</tr>
<tr>
<td>Invited (From North America)</td>
<td>___</td>
<td>___</td>
<td>___</td>
<td>88 (22)</td>
<td>220 (57)</td>
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Duration of Projects: 1 - 3 years
Financial Support:
Up to 40 million Japanese yen / year / project
JSPS Overseas Offices

- JSPS London Office
- JSPS Stockholm Office
- JSPS Bonn Office
- JSPS Strasbourg Office
- JSPS Cairo Research Station
- JSPS Cairo Research Station
- JSPS Nairobi Research Station
- JSPS Tokyo Office
- JSPS San Francisco Office
- JSPS Science Advisor in São Paulo

Mission
- Liaise with Overseas Counterpart Research Promotion Organizations
- Hold Symposiums
- Support Alumni Networks Formed among Former Participants in JSPS Programs
- Disseminate Information on Scientific Trends in Japan
- Support Overseas Activities of Japanese Universities
Overview

- Established in **1990**
- Director: Prof. Kohji HIRATA, Ph.D.
- Covers the United States and Canada

Activities

1. **Disseminate/gather information on science**
   - e.g. Hold symposiums
   - Embassies & research promotion organizations of Japan and other countries (NSF, RCUK, DFG, CNRS, etc)

2. **Promote researchers exchange**
   - e.g. Provide fellowships
   - Support academic seminars
   - US research promotion organizations / universities (NSF, NIH etc)
   - JSPS former Fellows (Alumni)

3. **Others**
   - e.g. Support activities of Japanese researchers communities/universities in the US
   - Japanese researchers communities/universities in the US

*Number of Researchers Exchanged under JSPS Programs (FY 2016)*

- JSPS to US: 1015
- US to JSPS: 280
The Japan-US Science Forum in Boston

“Changing the World through Japan's Scientific Endeavors”

Food Science for the future : Health, Supply, and Culture

Date: Saturday, November 18, 2017
Venue: Room B103, Northwest Bldg., Harvard University
52 Oxford Street, Cambridge, MA 02138

Registration required by Nov. 9 Click here to register
Thank you for your kind attention.

Crowing Rooster
Harbinger of new knowledge that promises a brilliant future for humankind