



JSPS

JSPS Info Session

at 2017 SRA International Annual Meeting

Kohji Hirata, Ph.D.

Director, JSPS Washington Office

- **J**apan **S**ociety for the **P**romotion of **S**cience
- 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.

- **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

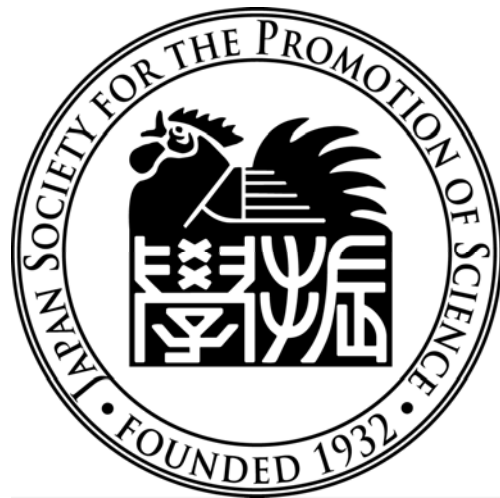
- **Build robust international cooperative networks**

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



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at 2017 SRA International Annual Meeting

October 17, 2017

Masato Takei

International Program Associate

JSPS Washington Office

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.

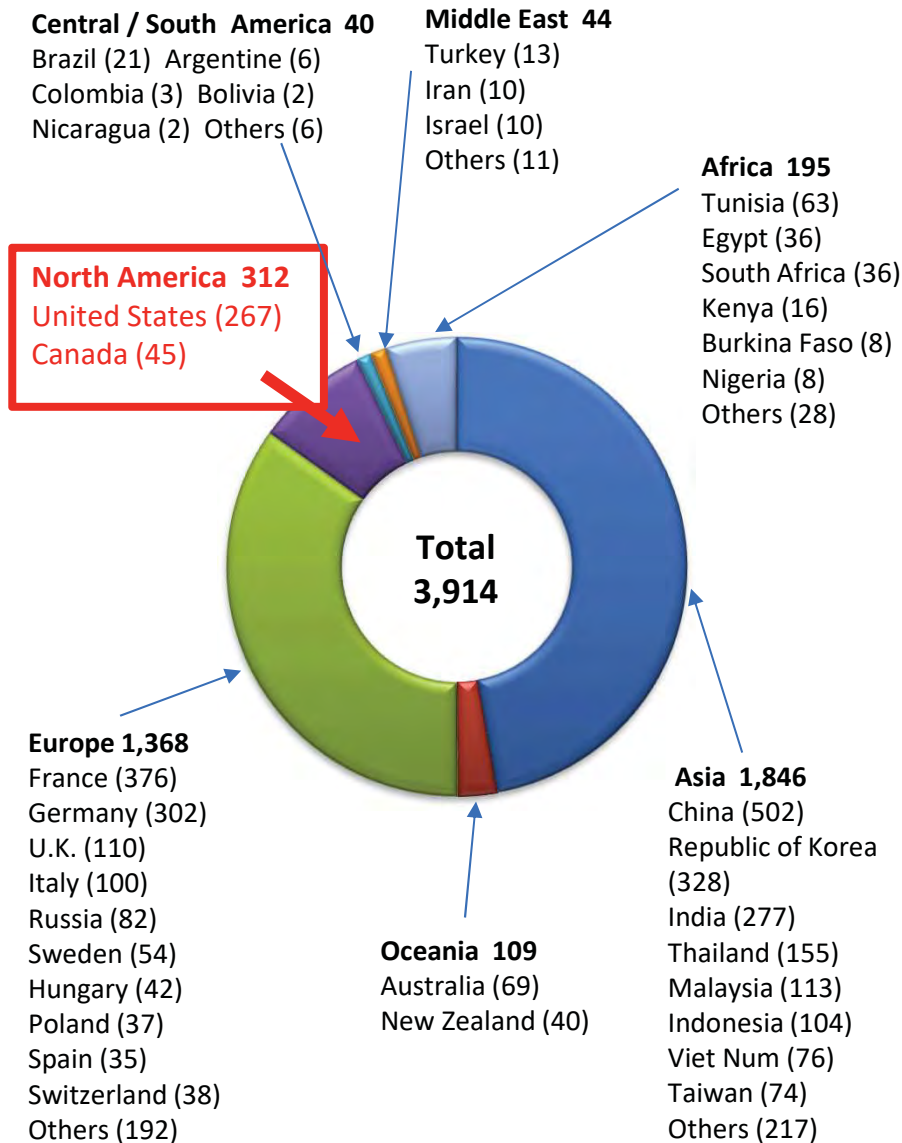
(4) Sending Young Researchers Overseas

- **Postdoctoral Fellowships for Research Abroad**
- Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers

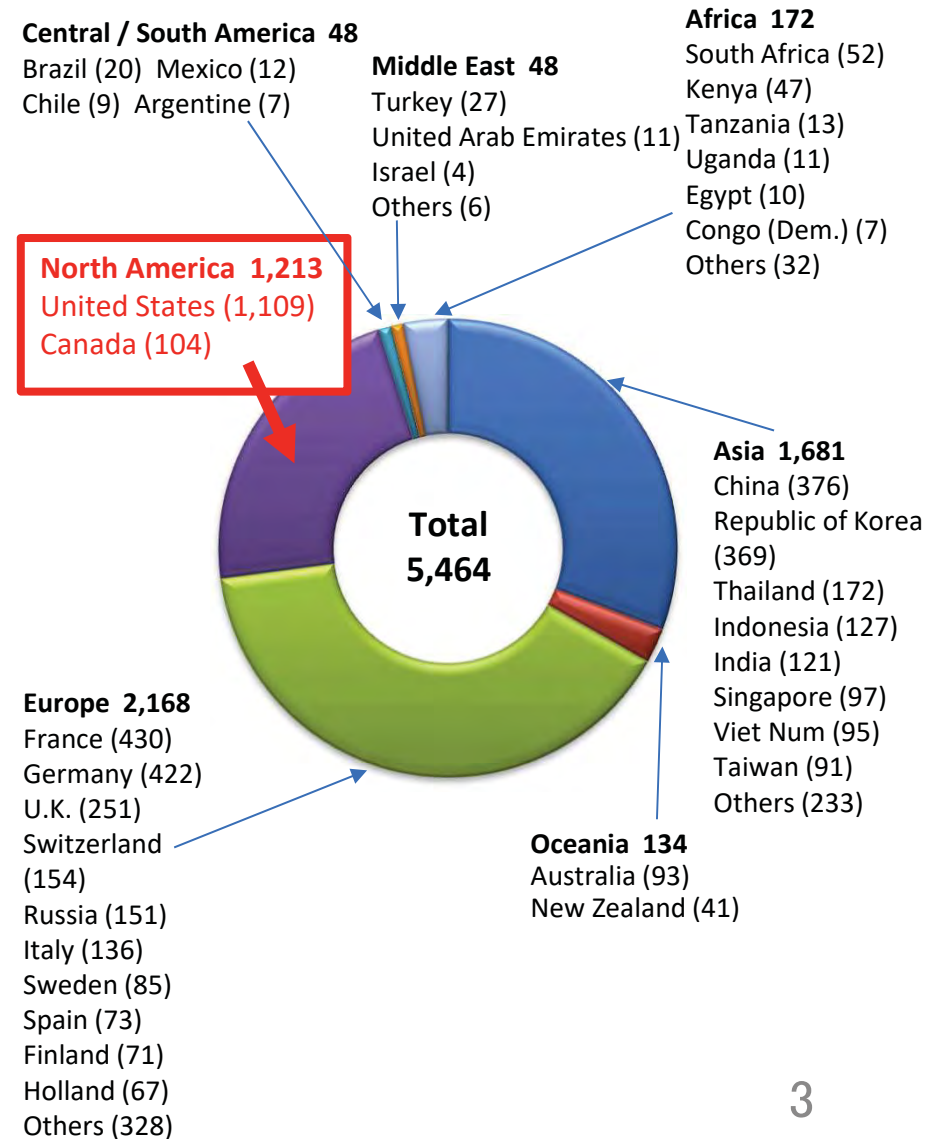
(5) Supporting University Internationalization

- Supporting the Overseas Development of Japanese Universities
- Providing Practical Overseas Training for University Administrative Staffs

◆ Incoming Foreign Researchers to Japan (FY2015)



◆ Outgoing Japanese Researchers to Abroad (FY2015)

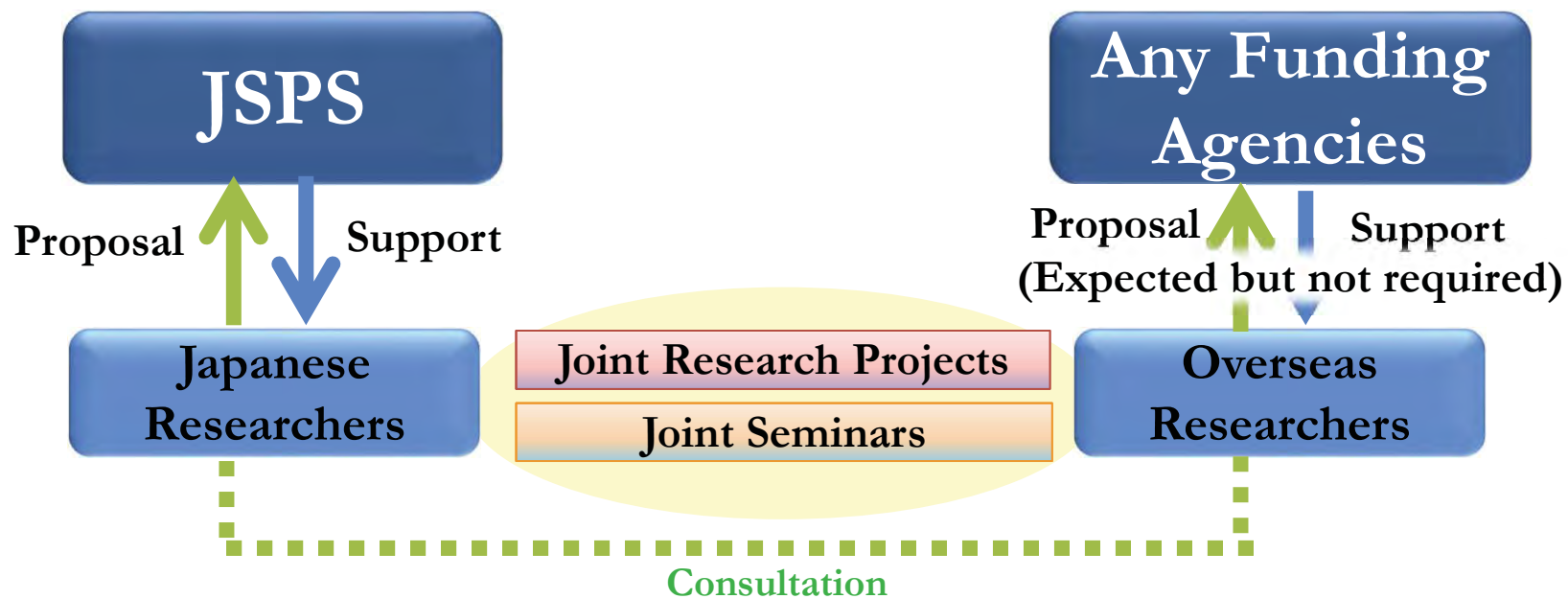






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Supporting International Joint
Research and Seminars

*Bilateral Cooperation without MoUs:
Open Partnership Joint Projects/Seminars*



Bilateral Cooperation without MoUs: Open Partnership Joint Projects/Seminars

	FY2015		FY2016		FY2017	
	Projects	Seminars	Projects	Seminars	Projects	Seminars
# of application (NA/All) 	36/319	6/56	43/194	3/29	44/258	8/27
(# of countries)	(54)	(25)	(46)	(22)	(51)	(15)
# of selected projects (NA/All) 	4/50	1/8	11/46	1/6	6/45	1/5
(# of countries)	(33)	(8)	(23)	(6)	(26)	(5)

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

Creating Research Hubs – Core-to-Core Program – JSPS

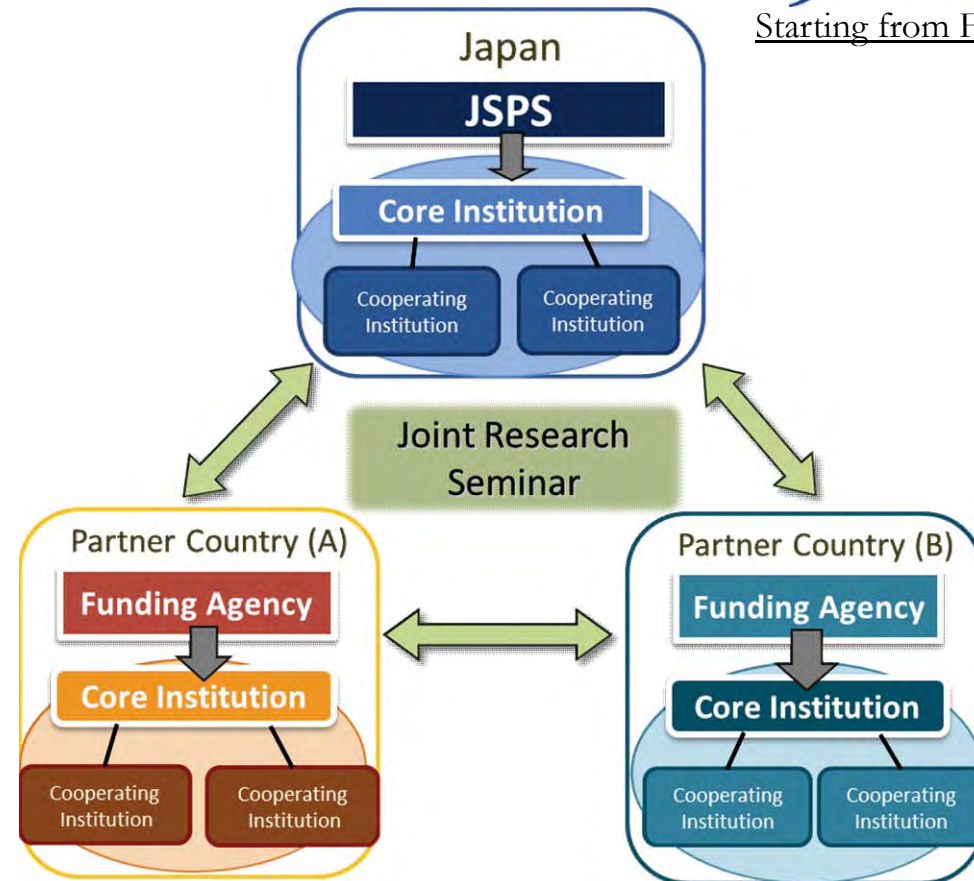
Starting from FY2012

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



Number of applications/selected proposals

	FY2012		FY2013		FY2014		FY2015		FY2016	
	Application	Selected	Application	Selected	Application	Selected	Application	Selected	Application	Selected
A. Advanced	45	9 (*2)	34	8	41	8	45	7	54	7
B. Asia-Africa	102	11	80	11	56	10	41	10	77	12

(*) number of projects which includes Finland as one of the partner countries



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Inviting Researchers to Japan

Fellowship Programs to Japan

JSPS

Ph.D.



Career Stages of Researchers

Ph.D. Courses

6 years after Ph.D.

Mid career



Professor

Nobel Prize level

Postdoctoral Fellowships	Invitation Fellowships		
<p><u>Standard</u> 1 - 2 years</p> <p>Open recruitment About 240</p>	<p><u>Long-Term</u> 2 -10 months</p> <p>Open recruitment About 70</p>	<p><u>Short-Term</u> 14-60 days</p> <p>Open recruitment About 190</p>	<p><u>Short-Term S</u> 7-30 days</p> <p>A Few</p>

<p>Summer Program</p>	<p>Short-term (for North American and European researchers)</p> <p>1-12 months About 60</p>	<p>GROW</p> <p>3-12 months About 30(US)</p>
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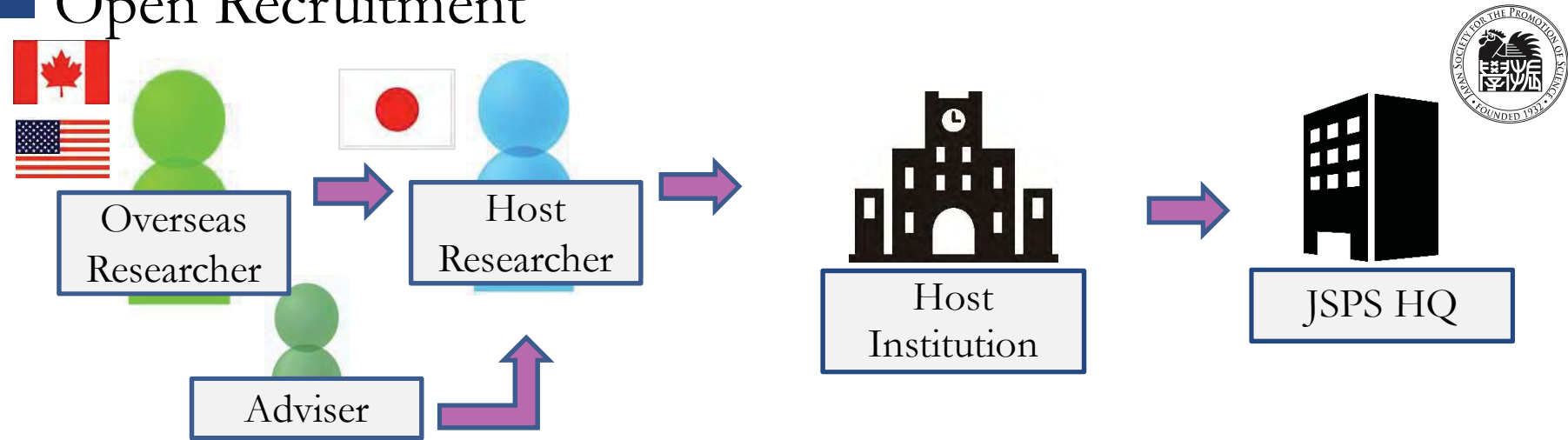
Number of invited fellows from North America

				2013	2014	2015
Postdoctoral Fellowships				152/1262	154/1257	154/1197
Invitation Fellowships	Short			74/266	59/265	66/267
	Long			16/110	13/107	17/98

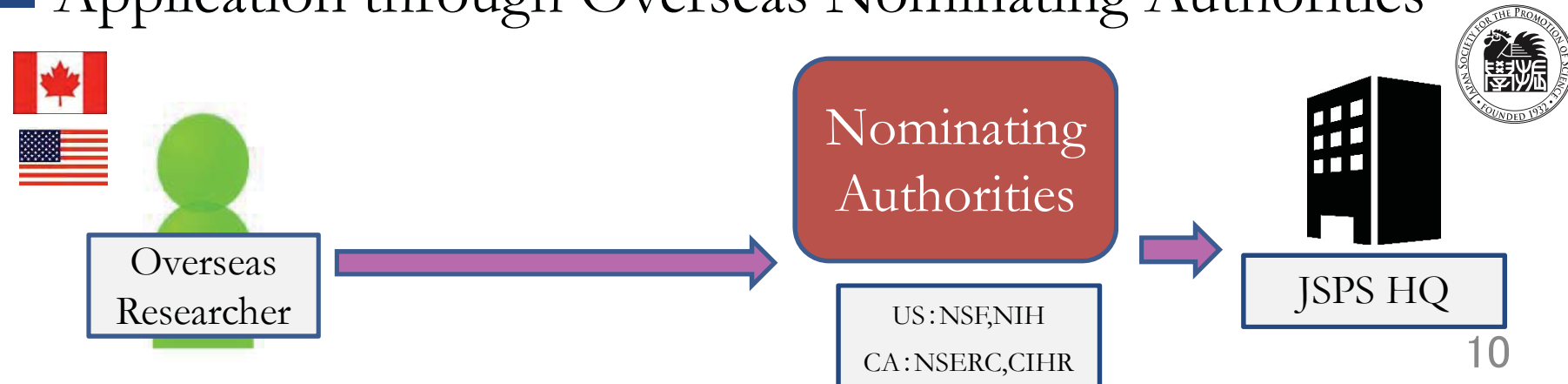
Fellowship Programs for Research in Japan

Application Process

■ Open Recruitment



■ Application through Overseas Nominating Authorities



Participants

About 115 young pre/postdoctoral researchers
(US, UK, France, Germany, Sweden and Canada)

Activities

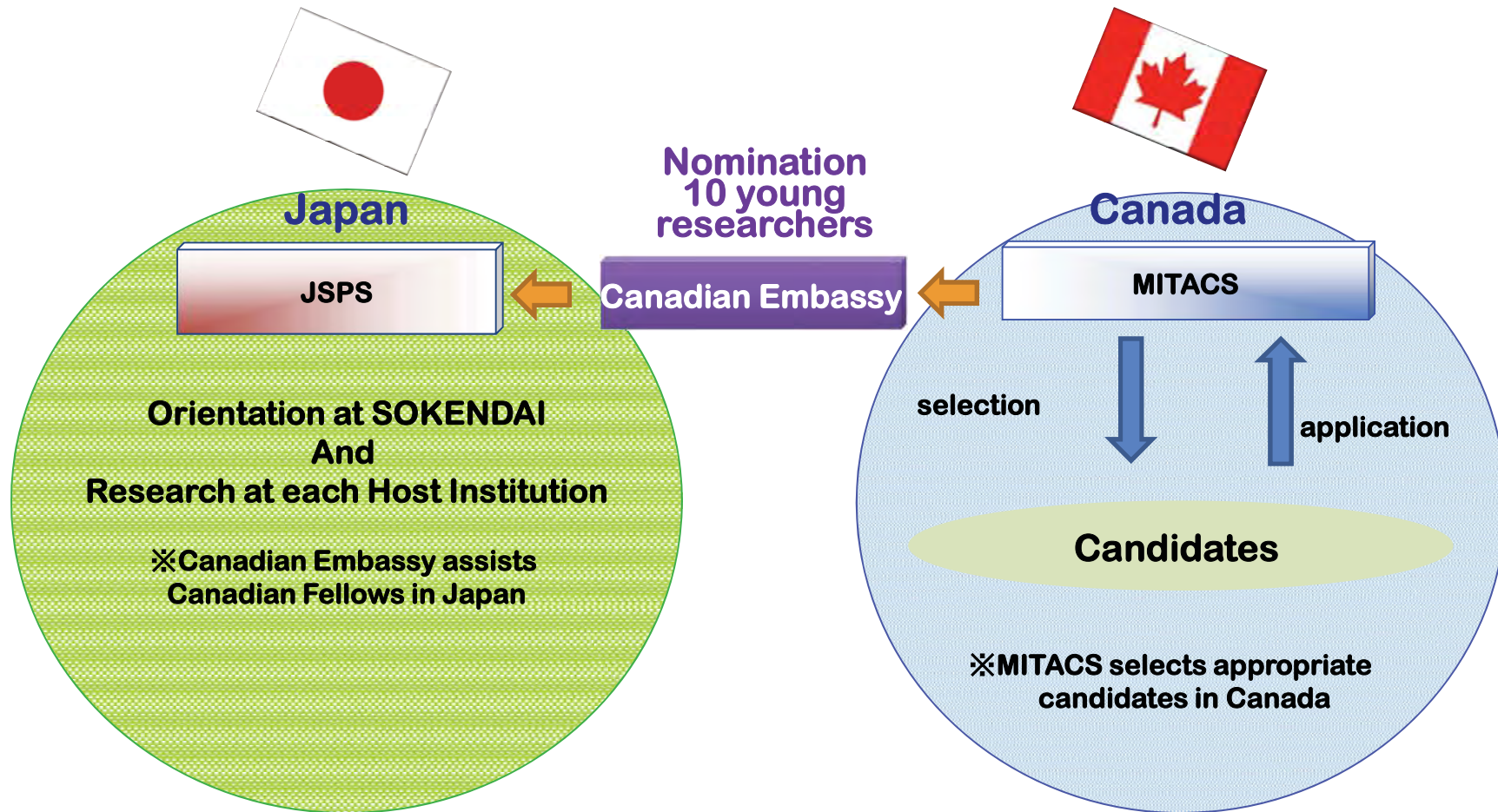
<Orientation: 1 week>

Japanese Language, Culture, Homestay, Poster Session

<Cooperative research: 8 weeks>

At a Japanese university or research institute

Number of Invited Researchers							
	USA	UK	Germany	France	Canada	Sweden	Total
FY 2003	62	8	12	14	5		101
FY 2004	64	10	13	13	8		108
FY 2005	63	10	7	13	11		104
FY 2006	65	8	10	12	12		107
FY 2007	64	10	13	12	10		109
FY 2008	63	11	14	8	18		114
FY 2009	63	10	14	13	15		115
FY 2010	64	10	13	13	14		114
FY 2011	64	9	9	11	6		99
FY 2012	64	12	14	10	9		109
FY 2013	65	17	19	9	3		113
FY 2014	66	13	13	13	0	10	115
FY 2015	65	10	12	13	10	5	115
FY 2016	65	10	12	13	10	5	115



Fellowships for Research in Japan



JSPS Summer Program: Orientation Sessions **JSPS**

Program Schedule

Date	Activities
Jun. 13	Arrival Hotel Registration @Narita
Jun. 14	Move from Narita to SOKENDAI Opening Ceremony
Jun. 14 – 19	Orientation Sessions @Shonan Village Center (SVC)
Jun. 20	Move to host institutions
Jun. 21 – Aug. 21	Research Activities
Aug. 22	(A.M.) Move to Tokyo (P.M.) Final Reporting Meeting
Aug. 23	Departure



Japanese Culture Experiences

Japanese calligraphy



Origami



Kimono





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Sending Young Researchers Overseas

Postdoctoral Fellowships for Research Abroad <Individual Support>

Since 1982

FY 2014: 456 persons / 22 countries

To North America: 288 person



FY 2015: 433 persons / 25 countries

To North America: 270 person



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

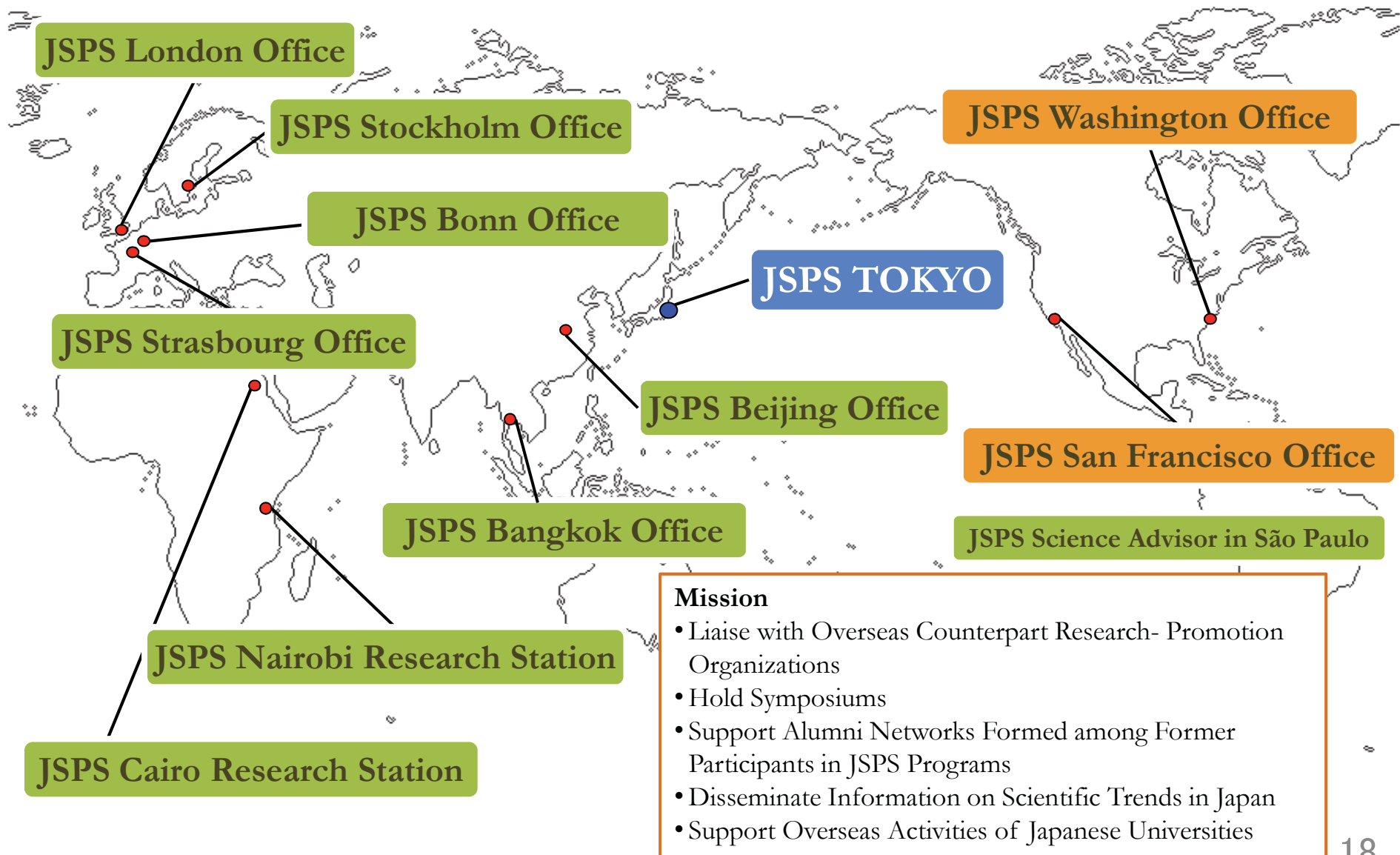
	2011	2012	2013	2014	2015
Projects	96	124	84	80	64
Countries	47	55	46	48	48
Dispatched (To North America)	414 (123)	530 (165)	387 (111)	782 (196)	758 (247)
Invited (From North America)	—	—	—	88 (22)	220 (57)

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)



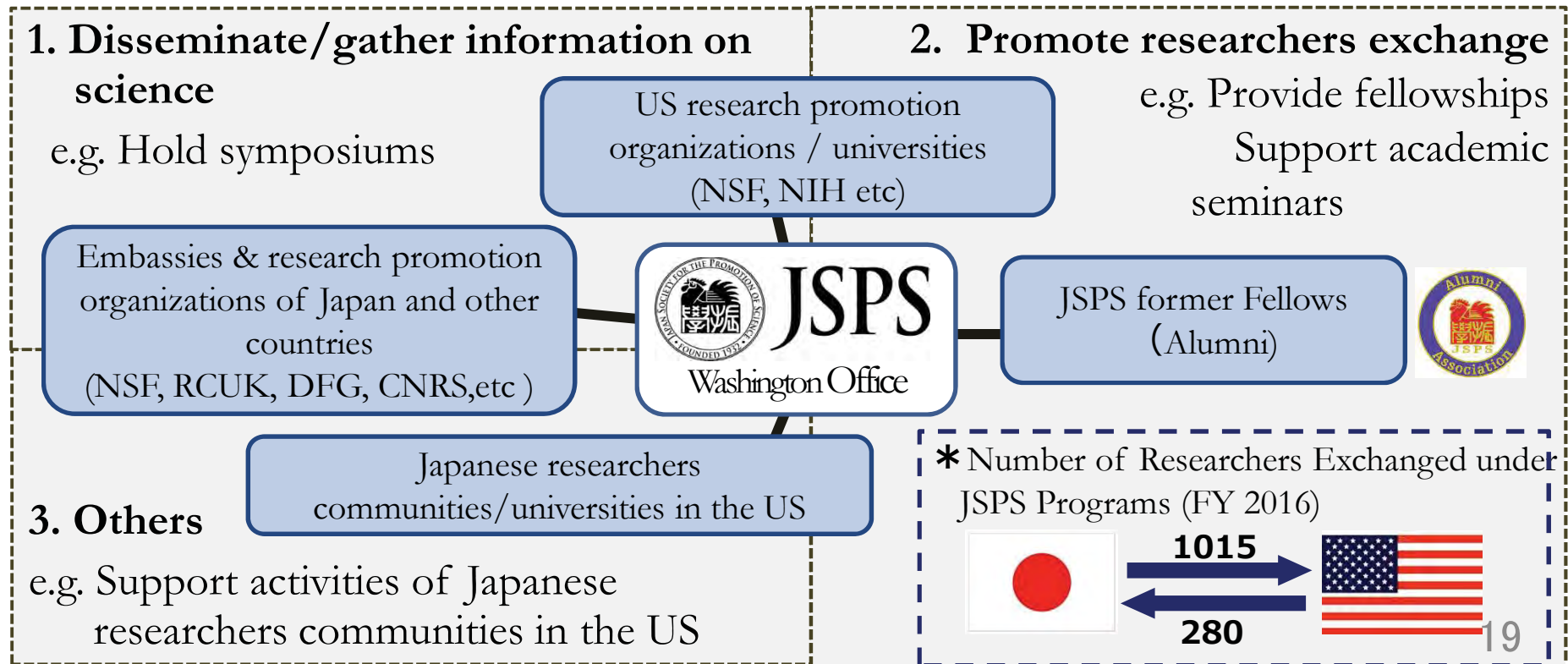
Overview

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



“Science in Japan” Forum
in Washington DC

Activities



The Japan-US Science Forum in Boston

JSPS

“Changing the World through Japan's Scientific Endeavors”

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

Date:

1:00-6:30 pm,
Saturday, November 18, 2017

Venue:

Room B103, Northwest Bldg.,
Harvard University
52 Oxford Street, Cambridge, MA 02138

For more details, please visit our website
(Registration required by [November 9](#))



REISCHAUER INSTITUTE OF JAPANESE STUDIES
HARVARD UNIVERSITY

branchfood

Thank you for your kind attention.



Crowing Rooster

Harbinger of new knowledge that promises
a brilliant future for humankind