

JSPS DATA BOOK 2024 - 2025

English Version



### Introduction

As Japan's sole research funding agency, the Japan Society for the Promotion of Science (JSPS) has as its mission the promotion of science.

The scientific research supported by JSPS advances, pursuant to the government's 6th Basic Plan for Science, Technology and Innovation, scientific research that discovers and elucidates new phenomena and that generates knowledge which enables the creation of new and original technologies. As such, JSPS's role on the cutting edge of science is increasingly growing.

This Data Book provides information on the some 40 programs implemented by JSPS and on the support provided them and their results.

In the future as well, JSPS will continue to play its role as a core science-promotion institution in providing stable and sustained support for the activities of researchers.

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### JSPS's Mission

As Japan's sole independent research funding agency with the objective of furthering the scientific advancement, the Japan Society for the Promotion of Science (JSPS) has as its mission funding scientific research, fostering excellent researchers, promoting international scientific exchange, and supporting the reform of universities. Holistically, JSPS's mission also includes conducting research related to the application of science and doing surveys and studies related to science-promotion policies. Both by disseminating and promoting the utilization of these study results and findings, JSPS contributes extensively to the advancement of science in Japan.

Within the context of JSPS's 5th Midterm Plan and Objectives (1 April 2023 through 31 March 2028), we are programmatically carrying out the following initiatives.



## Support for Research Initiatives

Supporting original and leading research based on the free ideas of researchers themselves



https://www.jsps.go.jp/english/e-grants/

### Program Purpose and Outline

The KAKENHI program are competitive research funds that are intended to promote development of scientific research (based on original ideas of researchers), encompassing basic to applied researches in all fields ranging from humanities and social sciences to natural sciences. The grants provide financial support for creative and pioneering research projects that will become the foundation of social development. The research projects are selected by peer-review process.

### Program Launched

From FY1918 (taking the form of KAKENHI grants from FY1965)

Support (Implementation) Period

As listed under research categories

### Expenses Supported / Expense Items

As listed under research categories

### Research Categories

As of December 2024

Research Categories	Purposes and Description of Each Research Category	Type of	Fund			
nts-in-Aid for Scientific Re	search					
Grant-in-Aid for Specially Promoted Research	Outstanding and distinctive research conducted by one or a relatively small num- ber of researchers expected to achieve remarkably excellent research results that opens up a new scientific field. The research period is 3 to 5 years (in a truly necessary case, period up to 7 years is acceptable.). The budget ranges from JPY 200 million to 500 million per project (Only in a truly necessary case, budget exceeding JPY 500 million is asked for.).					
Grant-in-Aid for Transformative Research Areas (A)	Research areas proposed through co-creative and interdisciplinary efforts of diverse researchers, which aim to create research areas that will lead the way to radical transformation of and change in the existing framework and/or direction of research as well as upgrade and level-up of scientific research in Japan and nurturing young researchers, and will contribute to the development of the proposed research areas through efforts for joint research and shared use of equipment, etc. (5 years More than JPY 50 million and up to JPY 300 million per fiscal year per research area (In a truly necessary case, a budget exceeding JPY 300 million may be requested.))					
Grant-in-Aid for Transformative Research Areas (B)	Research areas proposed by compact groups of researchers who will be bearers of the next generation of research with a smaller budget scale (about 3 or 4 groups), which aim to create research areas that will lead the way to radical transformation of and change in the existing framework and/or direction of research as well as upgrade and level-up of scientific research in Japan through more challenging and exploratory research, and expected to lead to the Transfor- mative Research Areas (A) in the future. (3 years JPY 50 million or less per fiscal year per research area)	SI	G			
Grant-in-Aid for Scientific Research (S)	Creative/pioneering research conducted by one or a relatively small number of researchers. 5 years (in principle) JPY 50 million to 200 million	SG				
Grant-in-Aid for	Creative/pioneering research conducted by one researcher or jointly by multiple researchers.	(A)	S			
Scientific Research (A)/(B)/(C)	(A) 3 to 5 years JPY 20 million to 50 million (B) 3 to 5 years JPY 5 million to 20 million yen					
	(C) 3 to 5 years JPY 5 million or less	(C)				
Grant-in-Aid for Challenging Research (Pioneering)/ (Exploratory)	Research conducted by a single or multiple researchers that aims at radically transforming the existing research framework and/or changing the research direction and has a potential of rapid development. The scope of the (Exploratory) category encompasses research proposals that are highly exploratory and/or are in their budding stages. (Pioneering) 3 to 6 years JPY 5 million to 20 million (Exploratory) 2 to 3 years JPY 5 million or less	Μ	IF			
Grant-in-Aid for Early-Career Scientists	Research conducted by an individual researcher (*2) who is less than 8 years after Ph.D. acquisition. 2 to 5 years JPY 5 million per project	М	IF			
Grant-in-Aid for Research Activity Start-up	ch Activity of his/her preschool child(ren).		IF			

Others

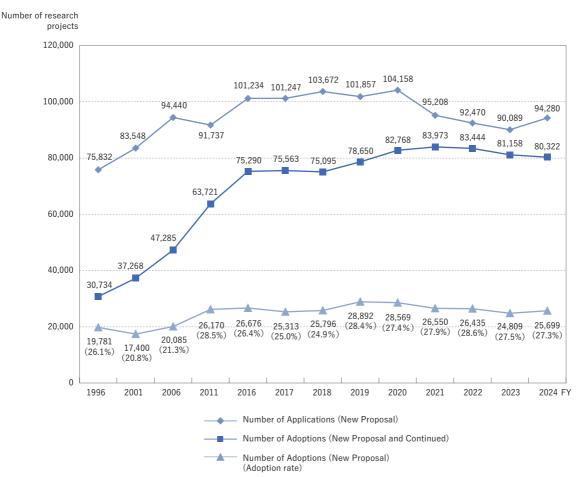
Research Categories	Purposes and Description of Each Research Category	Type of Fund *
Grant-in-Aid for Encouragement of Scientists	Research conducted by an individual who is ineligible for application for other KAKENHI categories (e.g., individuals who belong to educational or research institutions, private companies, etc. and engage in the researches to contribute to the promotion of the science). 1 year JPY 100 thousand to one million	SG
Grant-in-Aid for Special Purposes	Research projects of pressing urgency and importance.	MF
Grant-in-Aid for Publication of	Scientific Research Results	
Publication of Research Results	Subsidy for publication and/or international dissemination of research achieve- ments of high academic values executed by academic associations and other organizations.	SG
Enhancement of International Dissemination of Information	Subsidy for efforts by academic societies and other scholarly organizations to strengthen international dissemination of academic information for the purpose of international academic exchange.	SG
Scientific Literature	Subsidy for academic publication of research results (books) authored by an individual or a group of researcher	SG
Databases	Subsidy for creation and operation of a database open to public use by an individual or a group of researchers.	SG
Grant-in-Aid for SPS Fellows	Funding period is up to 3 years for research conducted by JSPS Fellows (includ- ing JSPS International Research Fellow). As for Cross-border Postdoctoral Fellowship (CDP) the period is up to 5 years.	MF

#### Fund for the Promotion of Joint International Research This grant aims to enable research groups led by top-level researchers in our country to play a central role in the international network, thereby achieving International Leading research results of high scientific value internationally. With the participation of MF Research postdoctoral fellows and graduate students, the grant seeks to foster researchers who can play leading roles in the international research community in the future. Up to JPY 500 million) (7 years (extendable up to 10 years) [The category name is changed from FY2023 call for proposals.] Support of joint international research project conducted by a KAKENHI grantee in collaboration with researcher(s) at a foreign university or a research institution Fostering Joint over a period of 6 to 12 months. The grant seeks to markedly advance research MF International Research plans for the root research project and to foster independent researchers who can be internationally competitive. (Up to JPY 12 million) [The category name is changed from FY2023 call for proposals.] Support of joint international research project conducted by multiple domestic researchers and a researcher who belongs to overseas research institution. In International addition to the development of scientific research, the grant seeks to build out MF Collaborative Research infrastructure of joint international research or further strengthen joint international research and to foster researchers who can be internationally competitive. Up to JPY 20 million) (3 to 6 years Home-Returning Support of research to be conducted by a Japanese researcher with current Researcher Development affiliation abroad who is to be newly appointed at university or research institu-MF Up to JPY 50 million) Research tion in Japan. (Up to 3 years

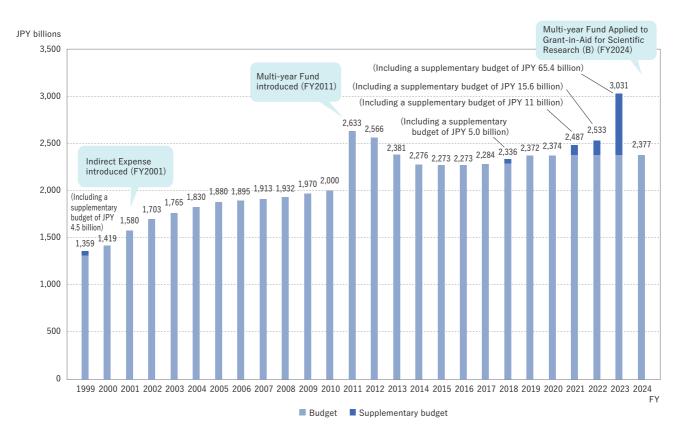
\*1 SG: Series of Single-year Grants, MF: Multi-year Fund

\*2 Including those who are expected to acquire their Ph.D. and those deemed less than eight years after the acquisition of their Ph.D. by exempting the period of maternity leave or the period of raising preschooler(s) following their Ph.D. acquisition.

### Trends in KAKENHI Applications, Adoptions, and Adoption Rate



### Budget Transition





**JSPS** Centers

### Allocation of KAKENHI (Newly Adopted Projects in FY2024)

As of December 2024

	Number of Proj		Acceptance	Allocation	Allocation per Issue		
Research Categories	Applications	Adoptions	Rate (%)	Amount (JPY thousand)	Average (JPY thousand)	Maximum Amount (JPY thousand)	
Grant-in-Aid for Specially Promoted Research	(89) 72	(10) 10	(11.2) 13.9	(1,355,500) 1,194,000 【358,200】	(135,550) 119,400	〔251,600〕 243,600	
Grant-in-Aid for Transformative Research Areas (A) (Research Areas Adopted in FY2024) (Research Area)	(156) 155	(16) 17	(10.3) 11.0	(3,546,300) 3,924,200 【1,177,260】	(221,644) 230,835	(260,400) 255,400	
Planned Research	(1,389) 1,406	(151) 159	(10.9) 11.3	(3,546,300) 3,924,200 【1,177,260】	〔23,485〕 24,681	(148,400) 115,700	
Grant-in-Aid for Transformative Research Areas (A) (Research Areas Adopted in FY2021 and FY2023) Publicly Offered Research	(1,871) 2,415	(562) 600	(30.0) 24.8	(1,729,100) 1,796,300 【538,890】	(3,077) 2,994	(6,300) 8,000	
Grant-in-Aid for Transformative Research Areas (B) (Research Areas Adopted in FY2024) (Research Area)	(120) 129	(17) 19	(14.2) 14.7	(697,600) 783,000 【234,900】	(41,035) 41,211	(41,400) 42,000	
Planned Research	(537) 570	(81) 88	(15.1) 15.4	(697,600) 783,000 【234,900】	(8,612) 8,898	(21,900) 36,100	
Grant-in-Aid for Scientific Research	〔57,617〕 60,455	(15,786) 16,575	(27.4) 27.4	(41,489,000) 43,090,700 【12,927,210】	(2,628) 2,600	(142,100) 115,500	
Grant-in-Aid for Scientific Research(S)	(571) 547	(70) 65	(12.3) 11.9	(2,809,500) 3,143,900 【943,170】	(40,136) 48,368	(142,100) 115,500	
Grant-in-Aid for Scientific Research(A)	(1,802) 2,320	(491) 632	(27.2) 27.2	(5,956,700) 7,482,700 【2,244,810】	(12,132) 11,840	(34,900) 32,800	
Grant-in-Aid for Scientific Research(B) *	〔11,555〕 11,875	(3,234) 3,327	(28.0) 28.0	(17,275,400) 16,619,000 【4,985,700】	〔5,342〕 4,995	(14,100) 12,900	
Grant-in-Aid for Scientific Research(C) *	〔43,689〕 45,713	(11,991) 12,551	(27.4) 27.5	(15,447,400) 15,845,100 【4,753,530】	(1,288) 1,262	(3,500) 3,400	
Grant-in-Aid for Challenging Research	〔10,538〕 10,647	(1,292) 1,243	(12.3) 11.7	(3,785,400) 3,592,500 【1,077,750】	(2,930) 2,890	(16,100) 18,100	
Grant-in-Aid for Challenging Research(Pioneering)*	〔1,502〕 1,564	(177) 170	(11.8) 10.9	(1,250,700) 1,161,400 【348,420】	〔7,066〕 6,832	(16,100) 18,100	
Grant-in-Aid for Challenging Research(Exploratory)*	(9,036) 9,083	(1,115) 1,073	(12.3) 11.8	(2,534,700) 2,431,100 【729,330】	(2,273) 2,266	(4,700) 4,600	
Grant-in-Aid for Early-Career Scientists*	〔13,060〕 13,207	〔5,274〕 5,290	(40.4) 40.1	(7,334,100) 7,465,800 【2,239,740】	(1,391) 1,411	(3,400) 3,500	
Grant-in-Aid for Research Activity Start-up*	(3,856) 4,179	〔1,435〕 1,521	(37.2) 36.4	(1,451,700) 1,613,800 【484,140】	(1,012) 1,061	(1,100) 2,000	
Grant-in-Aid for Encouragement of Scientists	〔2,739〕 2,648	(422) 413	(15.4) 15.6	(184,730) 178,174	(438) 431	(480) 480	

		f Research ects	Acceptance	Allocation	Allocation per Issue		
Research Categories	Applications	Adoptions	Rate (%)	Amount (JPY thousand)	Average (JPY thousand)	Maximum Amount (JPY thousand)	
Grant-in-Aid for Publication of Scientific Research Results	(997) 938	〔460〕 424	(46.1) 45.2	(601,080) 502,800	(1,307) 1,186	(45,400) 10,900	
Grant-in-Aid for JSPS Fellows	(2,526) 2,522	〔2,526〕 2,522	(—) —	(2,424,700) 2,272,800 【197,400】	(960) 901	(4,700) 3,500	
Fund for the Promotion of Joint International Research	(1,132) 1,329	(218) 213	(19.3) 16.0	(1,311,100) 833,600 【250,080】	(6,014) 3,914	(110,000) 51,700	
International Leading Research*	(77) 51	(12) 5	(15.6) 9.8	(685,800) 217,300 【65,190】	(57,150) 43,460	(110,000) 51,700	
International Collaborative Research*	(1,055) 1,278	〔206〕 208	(19.5) 16.3	(625,300) 616,300 【184,890】	(3,035) 2,963	〔12,300〕 10,900	

Note 1. "Specially Promoted Research", "Transformative Research Areas(A)" (Planned Research and Publicly Offered Research), "Transformative Research Areas (B)" (Planned Research), "Scientific Research" (excluding Generative Research Fields), "Challenging Research" (excluding Generative Research Fields Review Division), "Early-Career Scientists", "Research Activity Start-up", "Encouragement of Scientists", "Publication of Scientific Research Results", "JSPS Fellows", and "the Promotion of Joint International Research (International Leading Research and International Collaborative Research)".
Note 2. Figures in brackets(\_\_\_\_)indicate actual results for the previous fiscal year.

Note 2. Figures in brackets( ) indicate actual results for the previous in

Note 3. Figures in [ ] are indirect expenses (excluded values).

Note 4 . Items marked \* are multi-year fund-based research categories, so the figures shown in the "Funding Allocated" and "Allocation per Project" columns are based on allocations for FY2024 initial plans.

### Allocation of KAKENHI (Newly Adopted and Continued Research Projects in FY2024)

	Number of Proj		Allocation	Allocation	Allocation per Issue		
Research Categories	Applications	Adoptions	Amount (JPY thousand)	Average (JPY thousand)	Maximum Amount (JPY thousand)		
Grant-in-Aid for Specially Promoted Re- search	(134) 116	(55) 54	(5,171,300) 4,645,600 【1,393,680】	(94,024) 86,030	(251,600) 243,600		
Grant-in-Aid for Scientific Research on In- novative Areas (Research in a proposed research area) (Research Area)	(18)	(18)	(2,836,100) — 【—】	(157,561) —	(192,000) —		
Planned Research	(157) —	(157) —	(2,836,100) — 【—】	(18,064)	(56,300) —		
Grant-in-Aid for Scientific Research on In- novative Areas (Research in a proposed research area) (Publicly Offered Research)* <sup>2</sup>	(395) 5	(395) 5	(1,011,203) 7,891 【2,367】	〔2,560〕 1,578	(9,200) 3,700		
Grant-in-Aid for Transformative Research Areas (A) (Research Area)	〔205〕 220	(65) 82	(10,917,800) 13,919,400 【4,175,820】	〔167,966〕 169,749	(260,400) 255,400		
Planned Research	(1,822) 1,990	(584) 743	(10,917,800) 13,919,400 【4,175,820】	(18,695) 18,734	(148,400) 115,700		
Grant-in-Aid for Transformative Research Areas (A) (Publicly Offered Research)	(2,177) 2,978	(868) 1,163	(2,639,700) 3,514,600 【1,054,380】	(3,041) 3,022	(7,500) 8,000		
Grant-in-Aid for Transformative Research Areas (B) (Research Area)	〔164〕 166	(61) 56	(2,217,200) 2,147,300 【644,190】	(36,348) 38,345	(41,400) 42,000		
Planned Research	(739) 741	(283) 259	(2,217,200) 2,147,300 【644,190】	(7,835) 8,291	(25,300) 36,100		
Grant-in-Aid for Scientific Research	(96,735) 98,599	(54,825) 54,691	(110,237,129) 112,021,367 【33,606,410】	(2,011) 2,048	(142,100) 115,500		

	Number of Proje		Allocation	Allocation per Issue		
Research Categories	Applications	Adoptions	Amount (JPY thousand)	Average (JPY thousand)	Maximum Amount (JPY thousand)	
Grant-in-Aid for Scientific Research (S)	(887) 851	(386) 364	(11,308,100) 11,128,000 【3,338,400】	(29,296) 30,571	(142,100) 115,500	
Grant-in-Aid for Scientific Research (A)	(3,436) 3,851	(2,110) 2,140	(17,227,900) 18,310,900 【5,493,270】	(8,165) 8,556	(34,900) 32,800	
Grant-in-Aid for Scientific Research (B)*1	(20,106) 20,300	(11,721) 11,752	(43,390,329) 43,360,567 【13,008,170】	(3,702) 3,690	(14,100) 12,900	
Grant-in-Aid for Scientific Research (C) $^{*1}$	(72,306) 73,597	(40,608) 40,435	(38,310,800) 39,221,900 【11,766,570】	(943) 970	(3,500) 3,400	
Grant-in-Aid for Challenging Research	(13,255) 12,983	〔4,009〕 3,579	(9,867,100) 8,994,400 【2,698,320】	(2,461) 2,513	(16,400) 18,100	
Grant-in-Aid for Challenging Research (Pioneering)*1	〔1,947〕 2,029	(622) 635	(3,475,900) 3,384,000 【1,015,200】	〔5,588〕 5,329	(16,400) 18,100	
Grant-in-Aid for Challenging Research (Exploratory)*1	〔11,308〕 10,954	〔3,387〕 2,944	(6,391,200) 5,610,400 【1,683,120】	(1,887) 1,906	(4,700) 4,600	
Grant-in-Aid for Early-Career Scientists <sup>* 1</sup>	(23,958) 23,829	(16,172) 15,912	(16,716,300) 16,733,300 【5,019,990】	(1,034) 1,052	(3,400) 3,500	
Grant-in-Aid for Young Scientists (A) $^{\ast  2}$	(2) 2	(2) 2	(3,600) 3,600 【1,080】	(1,800) 1,800	(3,000) 3,000	
Grant-in-Aid for Young Scientists $(B)^{*1,2}$	(11) 4	(11) 4	(—) — 【—】	(—) —	(—) —	
Grant-in-Aid for Research Activity Start-up* 1	(5,288) 5,660	(2,867) 3,002	(2,835,400) 3,022,700 【906,810】	(989) 1,007	(1,100) 2,000	
Grant-in-Aid for Encouragement of Scien- tists	(2,743) 2,654	(426) 419	(185,941) 179,938	〔436〕 429	(480) 480	
Grant-in-Aid for Publication of Scientific Research Results	(1,058) 991	(521) 477	〔785,080〕 717,500	(1,507) 1,504	(45,400) 43,100	
Grant-in-Aid for JSPS Fellows <sup>* 1</sup>	(6,201) 6,341	(6,201) 6,341	(5,580,701) 5,919,450 【520,920】	(900) 934	(4,700) 5,700	
Fund for the Promotion of Joint International Research	(1,844) 2,030	(930) 914	(5,016,300) 5,496,000 【1,648,800】	(5,394) 6,013	(240,500) 112,400	
International Leading Research <sup>*1</sup>	(92) 78	(27) 32	(1,945,700) 2,388,800 【716,640】	〔72,063〕 74,650	(240,500) 112,400	
International Collaborative Research <sup>* 1</sup>	〔1,752〕 1,952	(903) 882	(3,070,600) 3,107,200 【932,160】	(3,400) 3,523	(12,300) 11,600	

Note 1. This table shows aggregates for newly-adopted and continued projects in FY2024.

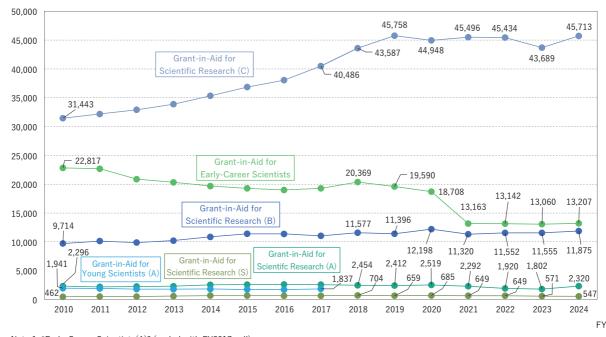
Note 4 . Figures in [ ] are indirect expenses (excluded values).

Note 5. Items marked \*1 are multi-year fund-based research categories, so the figures shown in the "Funding Allocated" and "Allocation per Project" columns are based on allocations for FY2024 initial plans.

Note 6 . Items marked \*2 indicate continued projects only.

### Number of Applications by Research Category

Number of Applications



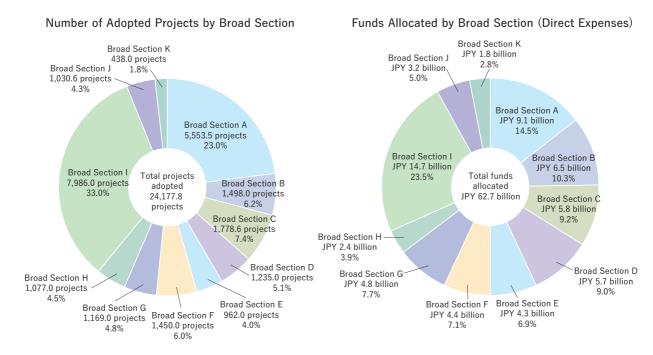
Note 1. "Early-Career Scientists(A)" (ended with FY2017 call)

Note 2. "Scientific Research (B/C)" (excluding Generative Research Fields)

Note 3. "Early-Career Scientists(B)" (Category title changed to "Early-Career Scientists" from FY2018 call)

Note 4. FY2024: figures are up to July 2024.

### Projects and Funding by Review Section (Newly Adopted Projects in FY2024)



Regarding Broad Sections A-K, so as to avoid the impression that research fields are fixed under each broad section, alphabetic notation is used instead of specific field names. Each broad section generally covers the following fields.

•Broad Section A: Fields related to Humanities, Social Sciences	Broad Section F: Fields related to Agriculture
<ul> <li>Broad Section B: Fields related to Mathematics and Physics</li> </ul>	<ul> <li>Broad Section G: Fields related to Biology</li> </ul>
<ul> <li>Broad Section C: Fields related to Engineering (Mechanical, Electrical/</li> </ul>	<ul> <li>Broad Section H: Fields related to Pharmacology</li> </ul>
Electronic, Civil Engineering)	<ul> <li>Broad Section I: Fields related to Medicine, Dentistry, etc.</li> </ul>
<ul> <li>Broad Section D: Fields related to Engineering (Materials, Nanotech-</li> </ul>	<ul> <li>Broad Section J: Fields related to Informatics</li> </ul>
nologies, Applied Physics)	<ul> <li>Broad Section K: Fields related to Environmental Sciences</li> </ul>
<ul> <li>Broad Section E: Fields related to Chemistry</li> </ul>	

Note 1. Projects and funds in Medium-Sized and Basic Sections with corresponding two or more Broad Sections have been divided proportionally, so there may be fractions.

Note 2. The data shown are for "Specially Promoted Research", "Transformative Research Areas (A)" (Planned Research and Publicly Offered Research), "Transformative Research Areas (B)" (Planned Research), "Scientific Research (other than Generative Research Fields)", "Challenging Research (other than Generative Research Fields Review Division)", "Early-Career Scientists", and "Fund for the Promotion of Joint International Research (International Leading Research) and International Collaborative Research)".

Note 3. As a result of rounding, the sum of individual values may differ from the total value.

**ISPS** Centers

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https://www.jsps.go.jp/english/e-kadai/

### Program Purpose and Outline

The Subdivision on Science, Council for Science and Technology issued the report "Promotion of the Humanities and Social Sciences Addressing Risk Society and Matured Intellectual Society" in July 2012. Based on it "Area Cultivation," "Responding to Real Society," and "Global Initiatives" programs were launch from 2013. In January 2021, the Subdivision on Humanities and Social Sciences wrapped up its deliberations on the "Project to Co-create Academic Knowledge upon an Axis of the Humanities and Social Sciences." Based on them, the "Co-creation of Academic Knowledge" program was established. Under it, research is advanced in pursuit of questions germane to the intrinsic nature and roots of the humanities and social sciences, the results of which will contribute to elucidating and answering such matters and questions.

Program Launched

FY2013

### Support (Implementation) Period

Up to 6 years

### Expenses Supported / Expense Items

For each research theme Approximately JPY15 million per fiscal year

### Number of Projects Applied/Selected for Co-creation of Academic Knowledge

	FY2	2021	FY2	.022	FY2	2023	FY2	2024	To	tal
Research Area	Number of Applications	Number of Adoptions								
Society and humanity in the face of future demographics	12	0	7	0	7	1	6	1	32	2
Overcoming Divided Society	10	1	10	0	11	3	4	0	35	4
Creation of values that will shape a new human society	9	1	12	2	10	0	10	1	41	4
Total	31	2	29	2	28	4	20	2	108	10

### Research Themes of Ongoing Projects under Co-creation of Academic Knowledge

### • FY2024 Selected Projects

Research Area	Research Themes	Core- Researcher	Affiliation	Project Period
Society and humanity in the face of future demographics	Scenarios for resolving spatial disparities based on demographic prediction	SHO Kojiro	Associate Professor, Department of Urban Engineering, School of Engineering, The University of Tokyo	July 2024 to March 2030
Creation of values that will shape a new human society	Imagination studies for posthuman society	OSAWA Hirotaka	Associate Professor, Faculty of Science and Technology, Keio University	July 2024 to March 2030

### • FY2023 Selected Projects

Research Area	Research Themes	Core- Researcher	Affiliation	Project Period
Society and humanity in the face of future demographics	Examining the Role of Experts in Policy-Making Process During the Coronavirus Pandemic	OHTAKE Fumio	Specially Appointed Professor, Center for Infectious Disease Education and Research (CiDER), Osaka University	July 2023 to March 2029
Overcoming Divided Society	Building Climate Change Governance through Multistakeholder Cooperation: The Case of Low-Carbon Hydrogen Projects	ISHIKAWA Tomoko	Professor, Graduate School of International Development, Nagoya University	July 2023 to March 2029
Overcoming Divided Society	Disinformation and Democracy in East Asia	KASUYA Yuko	Professor, Faculty of Law, Keio University	July 2023 to March 2029
Overcoming Divided Society	Overcoming social division and achieving diversity through embodiment	TOKORO Ikuya	Professor, the Research Institute for Languages and Cultures of Asia and Africa, Tokyo University of Foreign Studies	July 2023 to March 2029

### • FY2022 Selected Projects

Research Area	Research Themes	Core- Researcher	Affiliation	Project Period
Creation of values that will shape a new human society	Toward Better "Smart WE": From East Asian Humanities to Society with Multi-Layers of Value	DEGUCHI Yasuo	Professor, Graduate School of Letters, Kyoto University	June 2022 to March 2028
Creation of values that will shape a new human society	Anthropocenic Actors and Agency in Humanity, Nature, and Society	NAKAMURA Yasuko	Professor, Graduate School of Humanities, Tokai National Higher Education and Research System Nagoya University	June 2022 to March 2028

## Program for Strengthening Data Infrastructure for the Humanities and Social Sciences

### Program Purpose and Outline

https://www.jsps.go.jp/english/e-di2/

Based on the achievements of the Japan Data Catalog for the Humanities and Social Sciences (JDCat), built upon this Program for Constructing Data Infrastructure for the Humanities and Social Sciences, work is advanced for enhancing and strengthening data infrastructures and other bases for HSS data sharing and usage with the objective of promoting international joint research facilitated by data exchange among researchers both in and outside Japan.

### Program Launched

FY2023

Support (Implementation) Period

Up to 5 years

### Expenses Supported / Expense Items

Approximately JPY 20 million per institution per year

### Participating Institutions

Program for Construct- ing	Program for Strength- ening	Areas	Organizations / Research Institutes	Numbers of Metadata Published by JDCat
0		Social Sciences	Hitotsubashi University / Institute of Economic Research	34,293
0		Social Sciences	Keio University / Panel Data Research Center	32
0		Social Sciences	Osaka University of Commerce / JGSS Research Center	88
0	0	Social Sciences	The University of Tokyo / Center for Social Research and Data Archives, Institute of Social Science*	867
0	0	Humanities	The University of Tokyo / Historiographical Institute*	2,254
	0	Humanities Social Sciences	Kobe University / Kobe University Library	Under preparation
	0	Humanities	National Institutes for Cultural Heritage / Nara National Research Insti- tute for Cultural Properties	Under preparation

\*The University of Tokyo, together with the National Institute of Informatics (NII), is implementing a project also as a Participating Institution (Headquarters) in the Program for Strengthening.

#### **Official Statistics** Data Breakdown : Other Database 263 9 Data Type Quantitative Research : Micro Data 985 Materials : Text 2.254 Total 37,532 **Official Statistics** : Aggregate Data 34.021 • Time Period(s) Numbers of Data 25,000 21.101 20.000 15,000 12,592 10,000 5,000 727 214 285 0 0 0 1 0 13th 15th 17th 14th 16th 18th 19th 20th 21st century century century century century century century century century

Fostering Next Generation of Researchers

**ISPS** Centers

# **7** Fostering Next Generation of Researchers

Supporting young researchers in ways that allow them to be independent and to concentrate on their work both in and outside Japan



https://www.jsps.go.jp/english/e-pd/

### Program Purpose and Outline

For the purpose of fostering and securing researchers, these fellowships are provided to excellent young researchers to give them an opportunity to concentrate on their research while independently selecting research topics based on their own free ideas.

Program Launched

FY1985

### Support (Implementation) Period

2-5 years (depending on category of fellowship)

Expenses Supported / Expense Items

Amounts based on table below

### | Eligibility, Fellowship Periods, Monthly Stipends (FY2024)

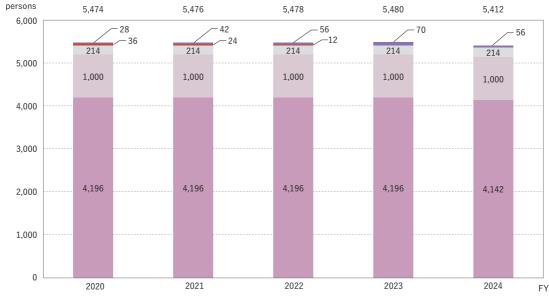
Category	Eligibility	Fellowship Period	Monthly Stipends	KAKENHI*1
DC	•Enrolled in university doctoral course (DC1) First year of doctoral course (DC2) Second and ensuing years of doctoral course	DC1: 3years DC2: 2years	JPY 200,000*2	
PD	<ul> <li>Persons who have obtained a doctoral degree</li> <li>Persons who have obtained a doctoral degree within the past 5 years</li> <li>Persons who when selected are affiliated with a different host institution from the one where they obtained their degree</li> </ul>	2	UDV 202 000*3	Up to JPY 4.5 million (for Category B and 3-year research
RPD	<ul> <li>Persons who have obtained a doctoral degree</li> <li>Persons who suspended their research for a period of 6 or more weeks due to childbirth/childcare</li> <li>Both genders treated equally</li> </ul>	3 years	JPY 362,000* <sup>3</sup>	period)
CPD (Cross-border Postdoctoral Fellowships)	<ul> <li>Persons who have obtained a doctoral degree</li> <li>Persons newly selected under PD category</li> <li>Persons concentrating long term (3 or more years) on research at an overseas research institution</li> </ul>	5 years (including fellowship period as PD)	JPY 446,000* <sup>3</sup> (and roundtrip air ticket)	JPY 15 million (for 5-year research periods)

\*1 Commensurate with the range of the total budget, the number of applications differs throughout the research period. When JSPS Research Fellow-PDs are employed under the Program for Supporting the Employment of Young Researchers to Improve the Research Environment, an additional Grant-in-Aid for JSPS Fellows (Employed JSPS Research Fellow-PDs) is provided.

\*2 Fellows in their final year of enrollment in the DC program (excluding those who changed their fellowship category from DC to PD) who receive a specified level of evaluation or higher will be awarded special monthly stipends in that final year. The monthly amount of this stipends will be JPY 230,000.

\*3 Host institutions that employ JSPS Research Fellow-PD, RPD, and CPD (referred together as "JSPS Research Fellow-PDs") under the Program for Supporting the Employment of Young Researchers to Improve the Research Environment, established in FY2023, are disbursed funding from the Fund for Supporting the Employment of JSPS Research Fellow-PDs (in an amount equivalent to monthly stipends for JSPS Research Fellow-PDs ). As the host institution employs these JSPS Research Fellow-PDs, they are not provided monthly stipends.

### Transition in Total Number of Fellowships by Budget



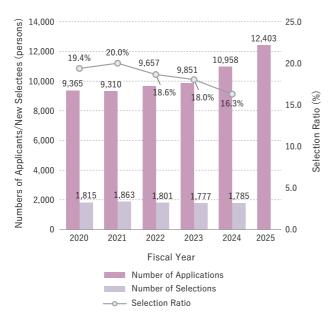
DC PD RPD SPD CPD

\*SPD: Especially outstanding researchers selected as PDs (New calls ended from FY2021 recruitment.)

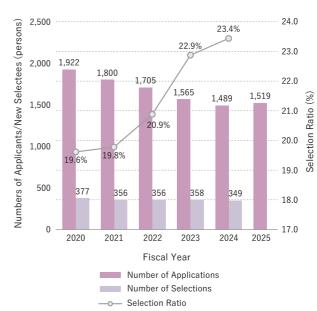
Awards of Recognition

Others

### | Transitions in Number of Applicants, Number of New Selectees, Selection Ratios



### Doctoral Course Research Fellows (DC)



### Postdoctoral Research Fellows (PD)

\*PD selectees included among SPD selectees up to FY2020

Postdoctoral Research Fellows (PD)

### Employment Status Survey

1.2%

100%

### Doctoral Course Research Fellows (DC)

1.4%

0.9%

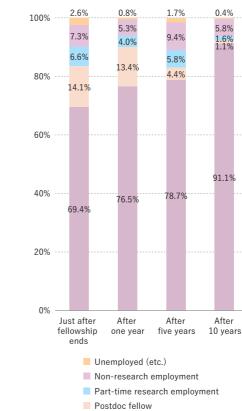
1.5%

0.1%

0.9%

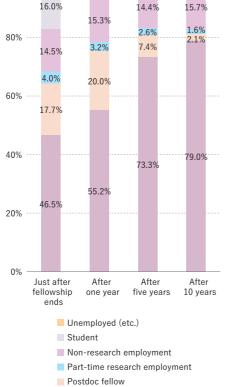
5.3%





### Full-time research employment

JSPS DATABOOK 2024-2025 | 13



Full-time research employment

Support for Research Initiatives

International Academic Collaborations

Others

Strengthening Linkage with Society

Tokyo University of Agriculture and Technology The University of Electro-Communications Hitotsubashi University Yokohama National University SOKENDAI (The Graduate University for Advanced Studies) Niigata University

#### University of Toyama Kanazawa University University of Fukui University of Yamanashi Shinshu University Gifu University Hamamatsu University School of Medicine

Nagoya University Mie University Shiga University Kyoto University Kyoto Institute of Technology Osaka University Kobe University

## **Research Fellowships for Young Scientists**

Program for Supporting the Employment of Young Researchers to Improve the Research Environment

ΞD

https://www.jsps.go.jp/j-pd/pd-koyou/

### **Program Purpose and Outline**

This program addresses JSPS Research Fellow-PD, RPD and CPD (hereafter JSPS Research Fellow-PDs) who do not yet have an employment relationship with a host institution. To enable research institutions to employ JSPS Research Fellow-PDs, the program works to foster young researchers and enhance their research environment, with the host institution taking the initiative. Under it, calls are issued in search for institutions that share the goals of the Fellowship and wish to employ JSPS Research Fellow-PDs while proactively engaging in securing and fostering excellent young researchers. Institutions that meet the program requirements while be registered as Institutions Employing JSPS Research Fellow-PDs.

Based on the number of JSPS Research Fellow-PDs employed, funding from the Fund for Supporting the Employment of JSPS Research Fellow-PDs is disbursed to institutions to cover their JSPS Research Fellow-PDs' employment expenses. Also, the Grant-in-Aid for JSPS Fellows (Employed JSPS Research Fellow-PDs) is provided for the employed JSPS Research Fellow-PDs. These support measures allow host institutions to effectively foster excellent young researchers and proactively enhance the environment in which they can concentrate on their research work.

### **Program Launched**

FY2023

### Expenses Supported / Expense Items

Fund for Supporting the Employment of JSPS Research Fellows-PDs: The amount of this grant is determined by the JSPS Research Fellow-PDs' category under the program of the Research Fellowships for Young Scientists and is disbursed to the host institution. The Grant-in-Aid for JSPS Fellows (Employed JSPS Research Fellow-PDs) is paid in an amount of one-million yen per year and 30% of indirect funding.

### Institutions Employing JSPS Research Fellow-PDs

#### National Universities (53) Hokkaido University

Otaru University of Commerce

and Veterinary Medicine

Hirosaki University

Iwate University

Akita University

Tohoku University

Ibaraki University

Gunma University

Saitama University

Chiba University

Yamagata University

Utsunomiya University

The University of Tokyo

Obihiro University of Agriculture

Hokkaido University of Education

Nara Women's University Nara Institute of Science and Technology Wakayama University Tottori University Shimane University Okayama University Hiroshima University Yamaguchi University Tokushima University Kagawa University Ehime University Kochi University Saga University Kumamoto University University of Miyazaki Kagoshima University University of the Ryukyus

Nara University of Education

#### Public Universities(6)

Tokyo Metropolitan University Yokohama City University Nagoya City University Osaka Metropolitan University Nara Medical University Kochi University of Technology

### Private Universities(22)

International University of Health and Welfare Saitama Medical University Shibaura Institute of Technology Tamagawa University Chuo University Tokyo University of Pharmacy and Life Sciences Tokyo University of Science Musashino University Waseda University

International College for Postgraduate Buddhist Studie Kanazawa Medical University Matsumoto University Sugiyama Jogakuen University Toyota Technological Institute Nagahama Institute of Bioscience and Technology Kyoto University of Advanced Science Kyoto Sangyo University Doshisha University Ritsumeikan University Kansai University Kyushu Sangyo University Fukuoka Institute of Technology

#### Inter-University Research Institute Corporations(17)

National Museum of Japanese History National Institute of Japanese Literature International Research Center for Japanese Studies Research Institute for Humanity and Nature National Institutes of Natural Sciences National Astronomical Observatory of Japan National Institute for Fusion Science Institute for Malecular Science National Institute for Basic Biology National Institute for Physiological Sciences Okazaki Research Facilities High Energy Accelerator Research Organization Research Organization of Information and Systems

The Institute of Statistical Mathematics

As of April 1, 2024

mathomatioo
National Institute of Polar Research
National Institute of Informatics
National Institute of Genetics

#### National Research and Development Agencies(6)

National Institute for Materials Sci<u>ence</u> RIKFN National Center for Child Health and Development Japan Agency for Marine-Earth Science and Technology National Cerebral and Cardiovascular Center National Institutes of Biomedical Innovation, Health and Nutrition

#### Others(Public Interest Incorporated Foundations, Corporations etc.)(8)

Sasaki foundation Sasaki Institute Tokyo Metropolitan Institute of Medical Science Kanagawa Cancer Center Research Institute Sagami Chemical Research Institute Innovation Center of Nanomedicine, Kawasaki Institute of Industrial Promotion OMRON SINIC X Corporation CyberAgent, Inc. AI tech studio AÍ Lab Mercari, Inc



https://www.jsps.go.jp/english/e-ab/

### Program Purpose and Outline

To foster highly capable researchers with wide international perspectives, this fellowship gives excellent young Japanese researchers an opportunity to carry out long-term research at an overseas university or research institution.

#### **Program Launched**

FY1982

### Support (Implementation) Period

2 years

### Expenses Supported / Expense Items

Roundtrip international airfare for the Fellow and his or her family, maintenance allowance (Approximately JPY4.5 million - JPY7.5 million per year)

In addition to the above, Restart Research Abroad (RRA)\* fellows also receive child allowance for accompanying children (equivalent to 10% of Fellow's maintenance allowance per accompanying child)

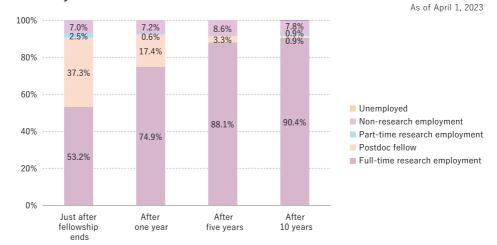
\*This program gives excellent young researchers an opportunity to carry out long-term research at an overseas university or research institution after having suspended their research activities due to life events such as marriage, childbirth, child raising, nursing, and caregiving.

### | Transitions in Number of Applicants, Number of New Selectees, Selection Ratios



\*Based on the number of selectees as of October 1, 2024 (including prospective selectees for FY2024). \*RRA added to application/selection numbers from FY2016.

### Employment Status Survey



### | Receiving Countries

Support for Research Initiatives

Fostering Next Generation

International Academic Collaborations

Enhancing the Education and Research Functions of Universities

> Strengthening Linkage with Society

Region / Country	Selections in FY2020	Selections in FY2021	Selections in FY2022	Selections in FY2023	Selections in FY2024	Total
United States of America	89	82	83	81	99	434
United Kingdom	16	15	17	12	13	73
Germany	9	11	15	8	10	53
Canada	7	7	8	5	12	39
France	8	10	6	3	4	31
Switzerland	5	6	0	5	3	19
Australia	1	2	2	4	5	14
Austria	3	4	3	2	2	14
Netherlands	4	2	2	2	2	12
Sweden	1	1	1	2	5	10
Italy	3	1	1	2	2	9
Spain	2	2	2	0	2	8
Singapore	1	1	2	1	0	5
Israel	1	0	0	1	1	3
Denmark	1	0	0	1	1	3
Finland	0	1	0	1	1	3
Portugal	0	0	2	1	0	3
Ireland	1	0	0	1	0	2
Taiwan	1	0	0	1	0	2
China	0	1	0	1	0	2
New Zealand	0	1	0	0	1	2
United Arab Emirates	0	0	1	0	0	1
Kenya	1	0	0	0	0	1
Slovenia	0	0	0	1	0	1
Türkiye	1	0	0	0	0	1
Hungary	0	0	1	0	0	1
Belgium	0	0	1	0	0	1
Poland	0	0	0	0	1	1
Mexico	0	0	1	0	0	1
Republic of South Africa	0	0	1	0	0	1
Total	155	147	149	135	164	750

\*Based on data as of October 1, 2024 for Selections in FY2021-2024.

### | Receiving Countries (RRA)

Region / Country	Selections in FY2020	Selections in FY2021	Selections in FY2022	Selections in FY2023	Selections in FY2024	Total
United States of America	3	6	1	6	8	24
United Kingdom	0	0	2	1	0	3
Australia	0	1	1	0	1	3
Sweden	1	0	1	0	0	2
Spain	1	0	0	0	1	2
Ireland	0	0	0	0	1	1
Netherlands	0	0	1	0	0	1
Gambia	0	0	1	0	0	1
Switzerland	0	0	1	0	0	1
Denmark	0	1	0	0	0	1
Germany	0	0	0	0	1	1
Total	5	8	8	7	12	40

\*Based on data as of October 1, 2024 for Selections in FY2021-2024.





### **Program Purpose and Outline**

This program gives doctoral students an opportunity to go overseas to challenge a new research environment, one in which they engage in joint research with researchers in other countries over a period of three months to one year. In this way, the program contributes to the fostering of young researchers who possess abundant international experience and can be expected to play leading roles in the wider scientific arena.

### **Program Launched**

FY2017

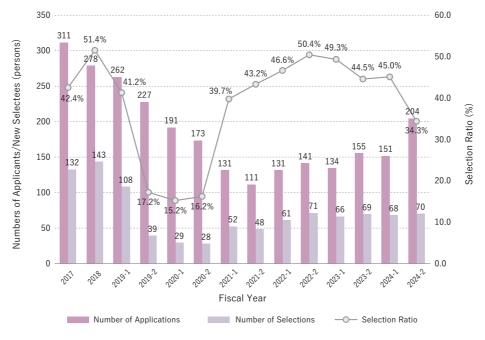
### Support (Implementation) Period

3 months to 1 year

### Expenses Supported / Expense Items

Roundtrip international airfare, Maintenance allowance (amount differs by destination, funding for research project with duration of 90 days to one year, JPY one million to 1.4 million per project), Bench fees (paid based on invoice from receiving institution, up to JPY 200,000)

### Transitions in Number of Applicants, Number of New Selectees, Selection Ratios



\* Based on the number of selectees as of October 1, 2024 (including prospective selectees for FY2024).
 \* During the period between FY2019 and 2021, the figures include fellows approved to travel in the fiscal year after

their selection due to the Covid 19 pandemic

### Receiving Countries

Region / Country	Selections in FY2023	Selections in FY2024	Total
United States of America	36	37	73
Germany	15	22	37
France	15	14	29
United Kingdom	15	9	24
Canada	8	7	15
Switzerland	7	7	14
Australia	4	7	11
Italy	6	3	9
Netherlands	4	4	8
Spain	3	4	7
Denmark	4	3	7
Sweden	4	2	6
Belgium	1	3	4
Austria	0	3	3
Singapore	0	3	3
Republic of Korea	2	1	3

As of Uctober 1, 20					
Region / Country	Selections in FY2023	Selections in FY2024	Total		
Israel	1	1	2		
China	1	1	2		
Czech Republic	2	0	2		
Philippines	0	2	2		
Malawi	1	1	2		
India	1	0	1		
Cambodia	0	1	1		
Croatia	1	0	1		
Saudi Arabia	0	1	1		
Taiwan	1	0	1		
Nepal	1	0	1		
Papua New Guinea	1	0	1		
Hungary	0	1	1		
Finland	0	1	1		
Poland	1	0	1		
Total	135	138	273		

#### As of October 1 2024

# Support for Research Initiatives Program Purpose and Outline

### Leading Initiative for Excellent Young Researchers (LEADER)



https://www.jsps.go.jp/english/e-le/

The objective of the program is to create environments in academic, industrial, and governmental institutions where young researchers who are exploring new scientific domains can advance their research on a stable and independent basis, and to open new career paths up to young researchers in diverse settings, including industry. JSPS administers the program by carrying out application calls, screening functions, and grant disbursement.

### **Program Launched**

FY2016

### Support (Implementation) Period

Up to 5 years

### Expenses Supported / Expense Items

- [A] (1) Research expenses: Up to JPY 6 million per person per year for 2 years (For Humanities and Social Sciences: Up to JPY 4 million per person per year)
  - (2) Expenses for improving the research environment: Up to JPY 2 million JPY 4 million per person per year for 5 years
- [B] Costs for industry-academia collaborations: Up to JPY 10 million per person per year for a maximum of 5 years

\*Companies choose either [A] or [B]

### Number of Applications and Adoptions

	Number of			Number of Recruits Adopted			
Fiscal Year	Openings Offered by Research Institutions <sup>*1</sup>	Number of Applicants	Number of Candidates	Number of Excellent Young Researchers (EYRs)	Number of Researchers, Excluding EYRs, Recruited through LEADER* <sup>2</sup>	Total	
FY2023	39 (3)	85	81* <sup>3</sup>	12 (1)*4	5 (0)	17 (1)	
FY2022	42 (11)	111	153* <sup>3</sup>	15 (2)*4	4 (0)	19 (2)	
FY2021	63 (12)	215	285* <sup>3</sup>	23 (2)*4	7 (0)	30 (2)	
FY2020	162 (61)	364	315* <sup>3</sup>	40 (4)	13 (1)	53 (5)	
FY2019	130 (19)	559	329* <sup>3</sup>	48 (1)	14 (1)	62 (2)	
FY2018	163 (37)	494	200	55 (5)	27 (2)	82 (7)	
FY2017	204 (57)	517	170	72 (3)	21 (2)	93 (5)	
FY2016	317 (97)	849	176	87 (5)	34 (3)	121 (8)	

The numbers in brackets indicate the number of posts offered by industrial companies or the number of researchers employed by industrial companies. \*1 Figures for FY2016 and FY2017 are the number of posts offered.

\*2 It refers to young non-EYRs who have been recruited for positions offered through LEADER.

\*3 The number of candidates for FY2019 and beyond includes those who retained their EYR candidate eligibility from the previous fiscal year.

\*4 Including EYRs not supported by grants.

### Number of EYRs by Research Institution in FY2023

Research Institutions	Number of EYRs
Muroran Institute of Technology	1
Yokohama National University	1
Shimane University	1
Hiroshima University	2
Yamaguchi University	1
University of Hyogo	1

Number of EYRs
1
1
1
1
1

**ISPS** Centers

# **?** International Academic Collaborations

Providing support for building and strengthening international research networks that facilitate the international circulation of talented researchers

### Bilateral Programs (Joint Research Projects and Seminars)



https://www.jsps.go.jp/english/e-bilat/joint.html

### Program Purpose and Outline

The aim of Bilateral Programs is to form sustained networks of bilateral research teams (etc.) evolved from individual scientist exchanges. JSPS provides financial support to excellent Japanese scientists, including young scientists, implementing such bilateral joint research projects and seminars with research teams from counterpart countries.

There are two types of Bilateral Joint Research Projects/Seminars: "A. Bilateral Joint Research Projects/ Seminars with JSPS's Counterpart Agencies" and "B. Open Partnership Joint Research Projects/Seminars." The Category A is based on the agreements concluded with JSPS's counterpart agencies. The Category B provides Japanese researchers an opportunity to conduct research or hold a seminar with researchers who reside in any country that has diplomatic relations with Japan.

### Program Launched

FY1963

### Support (Implementation) Period

Joint Research Projects: 1-3 years (depending on the program) Joint Seminars: Within one week (depending on the program)

### Expenses Supported / Expense Items

Joint Research Projects: Up to JPY 2.5 million a year per project duration (depending on the program) Joint Seminars: Up to JPY 2.5 million per seminar (depending on the program)

### Number of Applications / Selections in FY2024

Region	Country	Counterpart Institutions	Joint Research/ Seminars	Number of Valid Applications	Number of Selections
	Front	Chinese Technology and Incrusting Funding Authority (CTDF)	Joint Research	11	2
Africa	Egypt	Science, Technology and Innovation Funding Authority (STDF)	Joint Seminar	2	1
	Republic of South Africa	National Research Foundation (NRF)	Joint Research	10	4
	Bangladesh	University Grants Commission of Bangladesh (UGC)	Joint Research	23	1
		Chinese Academy of Sciences (CAS)	Joint Research	10	2
			Joint Seminar	1	1
	China	Chinese Academy of Social Sciences (CASS)	Joint Research	1	1
		National Natural Science Foundation of China (NSFC)	Joint Research	168	15
			Joint Seminar	22	4
	India	Department of Science and Technology (DST)	Joint Research	147	17
			Joint Seminar	11	3
Asia &			Joint Research	25	3
Middle East			Joint Seminar	7	2
2001	Philippines	Department of Science and Technology (DOST)	Joint Research	19	2
	Republic of Korea	public of Korea National Research Foundation of Korea (NRF)	Joint Research	106	15
		or Korea (NKF)		21	5
	Singapore	National University of Singapore (NUS)	Joint Research	35	3
	Singapore	National Oniversity of Singapore (NOS)	Joint Seminar	8	1
	Thailand	National Research Council of Thailand (NRCT)	Joint Research	27	2
	Turkey	The Scientific and Technological Research Council of Turkey (TÜBİTAK)	Joint Research	25	2
	Vietnam	Vietnam Academy of Science and Technology (VAST)	Joint Research	4	2
Oceania	New Zealand	Royal Society of New Zealand (RSNZ)	Joint Research	19	3

Fostering Next Generation of Researchers

Others

**ISPS** Centers

Region	Country	Counterpart Institutions	Joint Research/ Seminars	Number of Valid Applications	Number of Selections
	Austria	Austrian Cristian Fund (FM/F)	Joint Research	18	3
	Austria	Austrian Science Fund (FWF)	Joint Seminar	5	1
	Polgium	Fonds de la Recherche Scientifique - FNRS (F.R.SFNRS)	Joint Research	11	2
	Belgium	Research Foundation- Flanders (FWO)	Joint Research	6	2
	Czech Republic	Czech Academy of Sciences (CAS)	Joint Research	17	3
	France	The French National Institute of Health and Medical Research (Inserm)	Joint Seminar	6	1
		Ministry for Europe and Foreign Affairs - Ministry of Higher Edu- cation, Research (MEAE-MESR/SAKURA Program)	Joint Research	54	12
Europe	Germany	German Academic Exchange Service (DAAD)	Joint Research	31	10
Europe	Germany	German Research Foundation (DFG)	Joint Seminar	3	3
	Hungary	Hungarian Academy of Science (HAS)	Joint Research	7	2
	Lithuania	Research Council of Lithuania (RCL)	Joint Research	17	2
			Joint Seminar	2	1
	Netherlands	Netherlands Organisation for Scientific Research (NWO)	Joint Seminar	16	3
	Poland	Polish Academy of Sciences (PAN)	Joint Research	3	1
	Folaliu	Folish Academy of Sciences (FAIN)	Joint Seminar	1	1
	Slovenia	venia Ministry of Education, Science and Innovation(MESI)		21	4
	United Kingdom	The Royal Society	Joint Research	43	10
Onen Deut				215	45
Open Partnership			Joint Seminar	24	7

### Bilateral Programs (Researcher Exchange Program)



https://www.jsps.go.jp/english/e-bilat/researcher.html

### Program Purpose and Outline

Based on agreements for international scientific cooperation with overseas science promotion organizations (counterpart organizations), financial support is provided to Japanese researchers who visit researchers in counterpart countries to carry out research and/or discussions. The longer term purpose of these visits is to promote the building of foundations for joint research and networking that can be sustainably developed.

### Program Launched

FY1971

### Support (Implementation) Period

3 months to 2 years (based on counterpart country, counterpart organization)

### Expenses Supported / Expense Items

Roundtrip airfare, Maintenance allowance, etc. (based on counterpart country and counterpart organization)

Country	Counterpart Organizations	Туре	Maximum Number of Capacity	Number of Applications	Number of Selections	
Finland	Research Council of Finland (RCF)	postdoc	1	5	1	
Switzerland	Swiss Federal Institute of Technology in Zurich (ETH)	postdoc	10	8	6	

### Applied / Selected (FY2024)

### Japanese-German Graduate Externship



https://www.jsps.go.jp/english/e-jg\_externship/

### Program Purpose and Outline

In cooperation with the German Research Foundation (DFG), Japanese and German universities facilitate reciprocal acceptance of doctoral students in their postgraduate programs, providing joint supervision, thus promoting organized international academic exchange between graduate schools in Japan and Germany.

### Program Launched FY2005

Support (Implementation) Period

Up to 5 years

### Expenses Supported / Expense Items

Up to JPY 15 million per project per fiscal year

### Selected Projects

Institutions on Japan Side	Implementation Period	Area/Category	Project Title	Institutions on German Side
Nagoya Institute of Technology	FY2024 to FY2028	Engineering sciences	Energy Conversion Systems: From Materials to Devices	Friedrich-Alexander University of Erlangen- Nuremberg
Institute of Science Tokyo	FY2024 to FY2029	Engineering sciences	Hy-Potential: Hydrogen – Fundamen- tals of Production, Storage & Trans- port, Applications, and Economy	RWTH Aachen University

### International Joint Research Program



https://www.jsps.go.jp/english/e-bottom/

### Program Purpose and Outline

JSPS carries out international joint research programs for the purpose of advancing collaborative research between excellent researchers in Japanese universities and institutes and their overseas colleagues, while providing opportunities for young researchers to hone their skills. These programs are carried out in cooperation with overseas science-promotion organizations so as to respond to the global development of scientific research activities.

### Program Launched

FY2010

### Support (Implementation) Period

Up to 3 or 5 years (depending on the program)

### Expenses Supported / Expense Items

Up to JPY 10 million per project per fiscal year (depending on the program)

### Applied / Selected

Counterpart Countries	Counterpart Institutions	Subject Fields (Fiscal Year of Recruitment)	Number of Valid Applications	Number of Selections
United Kingdom	UK Research and Innovation (UKRI)	Advanced Materials (FY2024)	128	15
Germany	German Research Foundation (DFG)	Materials Science and Engineering for Energy Storage, Conversion, and Trans- port (FY2022)	43	8
Switzerland	Swiss National Science Foundation (SNSF)	Designing Future Societies (All disci- plines) (FY2022)	67	10
China	National Natural Science Foundation of China (NSFC)	Sustainable Remediation (FY2019)	35	4
France, Germany, United Kingdom, Canada	French National Research Agency (ANR), German Research Foundation (DFG), Economic and Social Research Council (ESRC), Social Sciences and Humanities Research Council (SSHRC) (Open Research Area for the Social Sciences, ORA)	Social Sciences (FY2024)	1*	1

\*Only proposals which passed the ORA review can be submitted.

Education Functions

**ISPS** Centers

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Core-to-Core Program



https://www.jsps.go.jp/english/e-c2c/

https://www.jsps.go.jp/english/e-foresight/

### Program Purpose and Outline

This program seeks to foster young researchers who will lead the next generation while building core research hubs whose projects are carried out on topics of international importance and at the leading edge of scientific research in Japan, on one hand, and that contribute to solving issues germane to the Asia-African region, on the other. Linking education and research institutions in Japan and other countries, these hubs promote sustained international collaboration.

A. Advanced Research Networks

Research topics recognized as cutting-edge and internationally significant within Japan.

B. Asia-Africa Science Platforms

Research topics that are unique to or particularly important within the Asia-Africa region and recognized as also being important research in Japan

Program Launched FY2012

### Support (Implementation) Period

A. Up to 5 years, B. Up to 3 years

### Expenses Supported / Expense Items

A. Up to JPY 18 million per fiscal year, B. Up to JPY 8 million per fiscal year

### Applied / Selected

Fiscal	A. Advance Netw		B. Asia-Afri Platf		Fiscal	A. Advanced Research Networks		B. Asia-Africa Science Platforms	
Year	Number of Applications	Number of Selections	Number of Applications	Number of Selections	Year	Number of Applications	Number of Selections	Number of Applications	Number of Selections
FY2024	20	6	47	10	FY2021	38	8	38	10
FY2023	14	8	26	8	FY2020	41	9	50	10
FY2022	17	8	33	10	FY2019	52	8	74	10





### Program Purpose and Outline

Under this program, research hubs of a high global standard are formed in Asia through collaboration between the three countries of Japan, China and Republic of Korea. They work to advance top-level scientific research, address common regional issues, and nurture the region's young researchers.

### **Program Launched**

FY2005

### Support (Implementation) Period

5 years

### Expenses Supported / Expense Items

Up to JPY 50 million for 5 years

### Projects Selected in FY2024

Support period: August 2024 through July 2029

Targeted research fields: New Generation Databases and Data-Empowering Technologies

Project Title	Core Institute (Japan) Coordinator	Partner Countries	Core Institute (Partner)		
Data Sharing Infrastructure across	RIKEN	China	Sun Yat-sen University		
Northeast-Asia Supercomputing Centers for Open Science	KANEYAMA Hidetomo, Expert Technician	Republic of Korea	Korea Institute of Science and Technology Information (KISTI)		
New Generation Databases and Data	Research Organization of In- formation and System	China	East China Normal University		
Empowering Technologies	KITSUREGAWA Masaru, Pres- ident	Republic of Korea	Information (KISTI)		

### Postdoctoral Fellowships for Research in Japan



https://www.jsps.go.jp/english/e-fellow/

### Program Purpose and Outline

Opportunities are provided for young researchers from other countries to come to Japan and engage under the guidance of Japanese host researchers in joint research at Japanese universities and other institutions. Thus, the program both assists the overseas researchers in advancing their own research while contributing to the advancement of science in both Japan and other countries.

Program Launched

FY1988

Support (Implementation) Period

1 to 24 months (details differ by fellowship category)

### Expenses Supported / Expense Items

Roundtrip airfare, Maintenance Allowance, etc. (details differ by fellowship category)

### Programs

Program	Approximate Number of Fellowships Awarded	How to Apply	Purpose	Duration of Fellowships	Terms of Award
Standard	About 330	Application through an Overseas Nominating Authority/ Open Recruitment	Provides opportunities for excellent postdoctoral researchers from other countries to conduct cooper- ative research under the guidance of their hosts with leading research groups in universities and other Japanese institutions.	12 to 24 months	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 362,000 per month A settling-in allowance of JPY 200,000 Overseas travel insurance KAKENHI
Short-term (PE)	About 140	Application through an Overseas Nominating Authority/ Open Recruitment	Provides opportunities for pre-/ post-doctoral researchers from the US, Canada and Europe to conduct cooperative research under the guidance of their hosts with leading research groups in universities and other Japanese institutions.	1 to 12 months	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 362,000 per month/ JPY 200,000 per month A settling-in allowance of JPY 200,000 (only applicable for Fellows with 3 or more months of tenure) Overseas travel insurance Research support allowance: Up to JPY 70,000 × the number of months of tenure
Short-term (PA)	About 10	Application through an Overseas Nominating Authority	Provides opportunities for pre-/ post-doctoral researchers from the ASEAN member countries and Afri- can countries to conduct coopera- tive research under the guidance of their hosts with leading research groups in universities and other Japanese institutions.	1 to 12 months	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 362,000 per month/ JPY 200,000 per month A settling-in allowance of JPY 200,000 (only applicable for Fellows with 3 or more months of tenure) Overseas travel insurance Research support allowance: Up to JPY 70,000 × the number o months of tenure
Summer Program	About 100	Application through an Overseas Nominating Authority	Provides opportunities for young pre-/post-doctoral researchers from the US, Canada and Europe to receive an orientation on Japanese culture and Japanese language les- sons and to pursue research under the guidance of host researchers in Japanese universities and reserch Institutes over a period of two months during the summer.	2 months in summer	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 534,000 Overseas travel insurance Research support allowance: JPY 158,500

### Applied / Selected (Standard / Short-term(PE))

Fiscal Year		FY2020	FY2021	FY2022	FY2023	FY2024
Ctondord	Applied	2,287	2,160	2,004	1,813	1,943
Standard	Selected	230	230	230	229	230
Short-term	Applied	186	183	187	135	227
(PE)	Selected	55	55	51	42	60

Others

**JSPS** Centers





https://www.jsps.go.jp/english/e-inv/

### Program Purpose and Outline

Opportunities are provided for excellent researchers from other countries to conduct collaborative research, discussions, and opinion exchanges with researchers in Japan. The program is intended to help advance the overseas researchers' research activities while advancing science and promoting internationalization in Japan.

### Program Launched

FY1960

### Support (Implementation) Period

14 days to 10 months (details differ by fellowship category)

### Expenses Supported / Expense Items

Roundtrip airfare, Maintenance Allowance, etc. (details differ by fellowship category)

### Program Outline

Program	Approximate Number of Fellowships Awarded	How to Apply	Purpose	Duration of Fellowships	Terms of Award
Long-term	About 60	Open Recruitment	Provides opportunities for overseas researchers with excellent records of research achievements to conduct collab- orative research with Japanese colleagues through long-term visits.	2 to 10 months	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 387,600 per month Overseas travel insurance Research support allowance: JPY 150,000
Short-term	About 160	Open Recruitment	Provides opportunities for overseas researchers with excellent records of research achievements to visit Japan short-term for discussions, opinion exchanges, lectures, and other activities.	14 to 60 days	Airfare: A roundtrip air ticket Maintenance Allowance: JPY 18,000 per day Overseas travel insurance Research support allowance: JPY 150,000

### Applied / Selected (Long-term / Short-term)

Fiscal Year		FY2020	FY2021	FY2022	FY2023	FY2024
Lang taun	Applied	187	160	183	167	217
Long-term	Selected	61	60	60	50	60
	Applied	414	262	237	399	592
Short-term	Selected	160	120	105	145	160



https://www.jsps.go.jp/english/e-ronpaku/

### Program Purpose and Outline

Promising researchers from Asian and African countries are given an opportunity to obtain doctoral degrees at Japanese universities by submitting a dissertation without matriculating a graduate course. Continuous financial support is provided to the RONPAKU fellows while they work to attain their degrees. In so doing, the program also works to raise the overall standard of scientific research in Asian and African countries while developing further scientific partnerships between Japan and those countries.

Program Launched

FY1978

### Support (Implementation) Period

Up to 3 years

### Expenses Supported / Expense Items

Up to JPY 1.2 million/fiscal year

### Number of Ronpaku Fellows (FY2024)

Country/Area	Number of Applications	Number of Newly Selected Fellows	Number of Fellows Continued from the Previous Year	Total Number of Fellows	Country/Area	Number of Applications	Number of Newly Selected Fellows	Number of Fellows Continued from the Previous Year	Total Number of Fellows
Afghanistan	1	1	0	1	Myanmar	1	1	0	1
Bangladesh	2	2	4	6	Namibia	0	0	1	1
Cambodia	0	0	1	1	Nepal	3	0	1	1
Egypt	1	1	0	1	Pakistan	0	0	1	1
Indonesia	3	1	5	6	Philippines	1	1	1	2
Kenya	2	0	0	0	Sri Lanka	1	0	0	0
Kyrgyz	1	0	0	0	Thailand	1	0	2	2
Malawi	0	0	1	1	Viet Nam	3	1	4	5
Malaysia	0	0	2	2	Zambia	1	1	0	1
Mongolia	0	0	1	1	Total	21	9	24	33

\*There will be no open calls for FY2025 and onwards.

### **BRIDGE Fellowship Program**



https://www.jsps.go.jp/english/e-plaza/bridge/index.html

### Program Purpose and Outline

Overseas researchers who have come to Japan via participation in JSPS programs are given an opportunity to revisit Japan. During their stays, they form, maintain and strengthen collaborative relationships with Japanese colleagues, while strengthening networks between Japan and the receiving country by visiting their former host institutions and other research organizations, preparing and/or implementing joint research and seminars, helping to train younger Japanese researchers, giving lectures, and preparing and/or holding scientific meetings.

### **Program Launched**

FY2009

### Support (Implementation) Period

14 days up to 30 days

### Expenses Supported / Expense Items

Travel cost (roundtrip air ticket), maintenance allowance, research support allowance, overseas travel insurance

### Past Selections

Fiscal Year	FY2019	FY2020	FY2022	FY2023	FY2024
Number of Selections	48	51	49	50	53

\*Recruitment suspended in FY2021 due to Covid 19 pandemic

Fostering Next Generation of Researchers

Others





https://www.jsps.go.jp/english/e-hope/

https://www.jsps.go.jp/english/e-fos/

### Program Purpose and Outline

HOPE Meetings are held in a retreat format that brings together outstanding doctoral students and young researchers selected from countries/areas in the Asia-Pacific and Africa region with Nobel laureates and other distinguished scientists. Over the course on these 5-day meetings, the young researchers engage in dialogues with the distinguished lecturers and also in opinion exchanges with peers of their own generation. The program gives the young researchers an opportunity to leap forward in advancing science in the Asia-Pacific-Africa region and beyond.

### **Program Launched**

FY2007

### Support (Implementation) Period

About 5 days

### Expenses Supported / Expense Items

Domestic travel cost, lodging, meals, and other participation expenses

### Meeting History (last 3 years)

	13th	14th	15th
Meeting date	March 7-11, 2022	February 27- March 3, 2023	February 26- March 1, 2024
Meeting venue	Online via web conferencing system	Tsukuba, Ibaraki, Japan	Kyoto-city, Kyoto, Japan
Participants	91 participants from 21 countries/ regions (including 24 from Japan)	104 participants from 21 countries/ regions (including 25 from Japan)	102 participants from 20 countries/ regions (including 23 from Japan)
Participating Nobel Laureates	9 Nobel laureates in fields of phys- ics, chemistry, physiology/medicine	8 Nobel laureates in fields of phys- ics, chemistry, physiology/medicine	7 Nobel laureates in fields of phys- ics, chemistry, physiology/medicine

### Frontiers of Science (FoS) Symposium



### Program Purpose and Outline

These symposium, held in retreat format, bring talented young researchers from Japan and counterpart countries together to engage in cross-disciplinary discussions on leading edge scientific topics across different research fields. Their aim is to help the young researchers participating in the symposium to gain broader scientific perspectives while honing their ability to think freely unconstrained by existing concepts in their academic fields. In doing so, the symposium work to explore new academic disciplines while contributing to the fostering and networking of next-generation leaders.

#### **Program Launched**

FY2001

### Support (Implementation) Period

4 days

### Expenses Supported / Expense Items

Roundtrip airfare, overseas and domestic transportation costs, maintenance allowance

### Meeting History (most recent 4 countries)

	Symposium Titles	Collaborating Institutions	Meeting Date	Meeting Venue	Number of Participants
	Japanese-American-German Frontiers of Science Symposium Alexander von Humboldt Foundation (AvH)		October 24-27, 2024	Kyoto, Japan	68
		Center National de la Recherche Scientifique (CNRS)	May 24-27, 2024	Strasbourg, France	56
	Japanese-American-German Frontiers of Science Symposium		October 5-8, 2023	Dresden, Germany	65
	Japanese-Canadian Frontiers of Science Symposium         Royal Society of Canada (RSC) Canadian Institute for Advanced Research (CIFAR)		March 6-9, 2023	Banff, Canada	56



https://www.jsps.go.jp/english/e-nobel\_prize\_dialogue/

### Program Purpose and Outline

This public symposium is co-hosted by JSPS and Nobel Prize Outreach AB. Bringing the public together in dialogue with Nobel laureates, its aim is to raise and elevate public interest in and understanding of science and technology and also the latest academic pursuits. In doing so, their ultimate purpose is to contribute to the advancement of science and technology.

### **Program Launched**

FY2014

Support (Implementation) Period

One day

Expenses Supported / Expense Items

Free-of-charge attendance

### Meeting History

Date	Theme	Number of Lecturers
23 October, 2022	Water Matters	23 participants (including 7 Nobel laureates)
17 March, 2019	The Age to Come	19 participants (including 5 Nobel laureates)
11 March, 2018	The Future of Food	30 participants (including 5 Nobel laureates)
26 February, 2017	The Future of Intelligence	36 participants (including 5 Nobel laureates)
1 March, 2015	The Genetic Revolution and its Future Impact	25 participants (including 7 Nobel laureates)

### Young Researcher Support for Attending Lindau Nobel Laureate Meetings



https://www.jsps.go.jp/english/e-lindau/index.html

### Program Purpose and Outline

JSPS supports young Japanese researchers to participate in the Lindau Nobel Laureate Meetings, co-hosted by the Council for the Lindau Nobel Laureate Meetings and the Foundation Lindau Nobel Laureate Meetings at Lake Constance. The purpose of this Program is to foster highly talented Japanese researchers with a rich global view and experience for the future of Japanese academia. JSPS nominates candidates from Japan to the Council, which screens the nominees and makes the final selection of meeting participants.

#### **Program Launched**

FY2009

### Support (Implementation) Period

About 1 week

### Expenses Supported / Expense Items

Roundtrip airfare, international/domestic transportation, meeting registration fee (including accommodation charge)

Implementation Fiscal Year	Discipline	Number of Applications	Number of Candidates Nominated by JSPS to Lindau Council	Number of Nominees Selected by Lindau Council
FY2024	Physics	13	12	6
FY2023	Physiology / Medicine	15	12	5
FY2022	Chemistry	27	12	7
FYZUZZ	Economics	5	4	4
FY2021	Interdisciplinary	39	15	6
FY2019	Physics	15	12	9

### Number of Applicants and Nominees Selected

**ISPS** Centers

## 4 Enhancing the Education and Research Functions of Universities

Supporting measures for strengthening the education and research infrastructures and systems in universities



https://www.jsps.go.jp/english/e-toplevel/

### Program Purpose and Outline

WPI provides concentrated support for projects to establish and operate research centers that have at their core a group of very high-level investigators. These centers are to create a research environment of a sufficiently high standard to give them a highly visible presence within the global scientific community - that is, to create a vibrant environment that will be of strong incentive to frontline researchers around the world to want to come and work at these centers.

### Program Launched

FY2007

Support (Implementation) Period

In principle, 10 years

### Expenses Supported / Expense Items

Each center is allocated up to JPY 700 million/fiscal year. Multiple Host WPI, launched in FY2023, is allocated JPY one billion/fiscal year

### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections		Fiscal Year	Nu App
FY2023	19	1		FY2017	
FY2022	16	3		FY2012	
FY2021	7	1		FY2010	
FY2018	13	2		FY2007	

### Currently Funded Centers (9 centers)

Fiscal Year of Selections	Host Institution	Center Name	Center Director
FY2023	Tohoku University; Japan Agency for Marine-Earth Science and TechnologyAdvanced Institute for Marine Ecosystem Change (WPI-AIMEC)		SUGA Toshio
	Osaka University	Premium Research Institute for Human Metaverse Medicine (WPI-PRIMe)	NISHIDA Kohji
FY2022	Hiroshima University	International Institute for Sustainability with Knotted Chiral Meta Matter (WPI-SKCM <sup>2</sup> )	Ivan I. Smalyukh
	Keio University	Human Biology-Microbiome-Quantum Research Center (WPI-Bio2Q)	HONDA Kenya
FY2021	High Energy Accelerator Research Organization	International Center for Quantum-field Measurement Systems for Studies of the Universe and Particles (WPI-QUP)	HAZUMI Masashi
FY2018	Hokkaido University	Institute for Chemical Reaction Design and Discovery (WPI-ICReDD)	MAEDA Satoshi
F I ZUIO	Kyoto University	Institute for the Advanced Study of Human Biology (WPI-ASHBi)	SAITOU Mitinori
FY2017	The University of Tokyo	International Research Center for Neurointelligence (WPI-IRCN)	Hensch Takao
FIZUL/	Kanazawa University	Nano Life Science Institute (WPI-NanoLSI)	FUKUMA Takeshi

### WPI Academy (9 centers)

As of October 2024

Fiscal Year of Selections	Host Institution	Center Name	Center Director
	University of Tsukuba	International Institute for Integrative Sleep Medicine (WPI-IIIS)	YANAGISAWA Masashi
FY2012	Institute of Science Tokyo	Earth-Life Science Institute (WPI-ELSI)	SEKINE Yasuhito
	Nagoya University	Institute of Transformative Bio-Molecules (WPI-ITbM)	YOSHIMURA Takashi
FY2010         Kyushu University         International Institute for Carbon-Neutral En (WPI-I <sup>2</sup> CNER)		International Institute for Carbon-Neutral Energy Research (WPI-I <sup>2</sup> CNER)	ISHIHARA Tatsumi
	Tohoku University	Advanced Institute for Materials Research (WPI-AIMR)	ORIMO Shin-ichi
	The University of Tokyo	Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU/WPI)	YOKOYAMA Jun'ichi
FY2007	Kyoto University	Institute for Integrated Cell-Material Sciences (WPI-iCeMS)	UESUGI Motonari
	Osaka University	Immunology Frontier Research Center (WPI-IFReC)	TAKEDA Kiyoshi
	National Institute for Materials Science	Research Center for Materials Nanoarchitectonics (WPI-MANA)	TANIGUCHI Takashi

As of October 2024

Number of Selections

2

3

1

5

15

15

9

33

Awards of Recognition

**ISPS** Centers



Program for Forming Japan's Peak Research Universities (J-PEAKS)



https://www.jsps.go.jp/j-chukaku/

### Program Purpose and Outline

To enhance research capabilities across Japan and promote the creation of new values, Program for Forming Japan's Peak Research Universities (J-PEAKS) operates in parallel with the Japan University Fund, which supports the Universities for International Research Excellence. It aims to promote the formation of university consortiums that will drive the development of research capabilities across Japan. To this end, J-PEAKS supports core universities in individual regions and universities with strengths in specific research fields to create an environment in which they can, in collaboration with other universities, strengthen their research capabilities by accelerating the internationalization and societal implementation of their research activities under strategic management backed by their exquisite and distinctive research capabilities as the core.

### **Program Launched**

FY2022

### Support (Implementation) Period

5 years

### Expenses Supported / Expense Items

Up to Approximately JPY 5.5 billion per project

### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections
FY2023	69	12

### Selected Universities

University		Collaborating Institutions	
Names	Collaborating University Names	Participating Institution Names	Proposal Content
Hokkaido University	_	The University of Melbourne; University of Massachusetts Amherst; Hokkaido Research Organization; Muroran Institute of Technology; Otaru University of Commerce; Obihiro University of Agriculture and Veterinary Medicine; Kitami Institute of Technology	Building a regenerative agri-fishery system for sustainable food production and global well-being based on field science
Chiba University	_	The University of Tokyo; University of Tsukuba; Research Institute for Biomedical Sciences, Tokyo University of Science; RIKEN; National Institutes for Quantum Science and Technology; Center for Mucosal Immunology, Allergy and Vaccine, University of California, San Diego; Center for Microbiome Innovation, University of California, San Diego	We aim to strategically enhance research in the fields of immunology, vaccinology, and others, bridging the gap between scientific findings and social applications. Additionally, our goal entails expanding our efforts horizontally across the university.
Tokyo University of Agriculture and Technology	University of Agriculture and Electro- Communications Tokyo University of University of Hawaii at Manoa; The University of Queensland		Three national universities in west Tokyo will disseminate food and energy research to the world and reinforce research capabilities to create international innovations.
Tokyo University of the Arts	University of Kagawa University The University of Tokyo; Institute of Science Tokyo		Wide-area development of community- based problem solving and creative innovation rooted in "inner enrichment" through art and technology
Keio University	Okinawa Institute of Science and Technology	King's College London; University of Cologne; Yonsei University; Northwestern University	Combining intellect and morals to create fertile ground for diverse research centers to thrive, and forge the new common sense of the future through unparalleled research.
Kanazawa University	Japan Advanced Institute of Science and Technology	The University of Tokyo	Formation of a global hub that brings about discontinuous innovation through the fusion of arts, science, and medicine, leading social change in an unpredictable era.

University		Collaborating Institutions	
Names	Collaborating University Names	Participating Institution Names	Proposal Content
Shinshu University	Shinshu Jniversity – University of Dar es Salaam; The Nelson Mandela African Institution of Science and Technology; University of Eldoret; Chulalongkorn University; King Mongkut's Institute of Technology Ladkrabang; Vietnam National University: Beijing University of		Centering on cutting-edge water- related research at its core, Shinshu University will integrate and promote excellence in research, innovation, and regional contribution as a threefold cord.
Osaka Metropolitan University Vo Technology Nagaoka University of Technology Netropolitan University Of Tainan; Panyapiwat Institute of Management		Center for a well-being city creation with multi-scale think tank functions by promoting the Innovation Academy project	
Kobe UniversityHiroshima UniversityOsaka University; RIKEN; The University of Manchester; University of Toulouse; University of Illinois at Urbana-Champaign; National University of Singapore; The University of Texas at Austin		Kobe University sustainably creates world-leading innovations through both outstanding basic research in Engineering Biology and social implementation of the research achievement.	
Okayama – Institute University – Osaka U National		University of Tsukuba; The University of Tokyo; Institute of Science Tokyo; University of Yamanashi; Osaka University; Yamaguchi University; RIKEN; National Institutes of Natural Sciences; National Institute of Technology (KOSEN), Tsuyama College	A Research University Cocreating the Future of the Region and the Earth Together with Society and Contributing to Global Innovation: A Decade of Action for a Sustainable Society
Hiroshima University Kobe University		Tohoku University; Institute of Science Tokyo; Toyohashi University of Technology; High Energy Accelerator Research Organization; Arizona State University; Purdue University	Semiconductor, supermaterials, and biotechnology with visualisation technology using synchrotron radiation at its corerealization of an integrated industrial cluster ecosystem
Okinawa Institute of Science and Technology	Keio University University of the Ryukyus	Tohoku University; The University of Tokyo; Osaka University; Kyushu University; RIKEN; University of Cambridge; Max Planck Institute; Stanford University; Scripps Institution of Oceanography, University of California, San Diego; University of Hawaii; French National Center for Scientific Research; Chalmers University of Technology; University of Oxford	[OIST-neXus strategy] Pursuit of International Excellence, Creation of disruptive innovations, Promotion of Okinawa, Enhancement of Gateway functions

\* Grant disbursed to selected university and collaborating university.

### Subsidy for Strategic Facilities Improving Industry-Accademia-Local Government Alliance and Joint Research List of Selected Universities

\*Projects in which MEXT solicits and screens applications to support facility building needed for regional core and distinctive research universities to implement strategies for enhancing their research capabilities, centered on research with unique strengths and characteristics and on centers for societal implementation. The aim of facility building is to enhance university functions by linking them to solutions to societal issues based on research results and innovation generated by new industries including startups.

Fiscal Year	Number of Applications	Number of Selections
FY2022	56	30

Selected University		Collaborating Institutions
Names	Collaborating University Names	Participating Institution Names
Hirosaki University	_	Kyoto University; The University of Tokyo; Kyushu University; Kyoto Prefectural University of Medicine; Meio University; Wakayama Medical University; Shizuoka Graduate University of Public Health; Meijo University
Yamagata University	_	Tohoku University; University of Aizu

**JSPS** Centers

Selected University	Collaborating Institutions	
Names	Collaborating University Names	Participating Institution Names
Jichi Medical Univer- sity	_	_
Chiba University	_	The University of Tokyo; University of Tsukuba; Research Institute for Biomedical Sciences, Tokyo University of Science; RIKEN; Center for Microbiome Innovation, University of California San Diego
Tokyo University of Agriculture and Technology	The University of Electro- Communications	Tokyo University of Foreign Studies
Tokyo University of the Arts	Kagawa University	The University of Tokyo; Institute of Science Tokyo
Keio University	_	Okinawa Institute of Science and Technology
Juntendo University	University of Yamanashi	_
The Graduate University for Advanced Studies	Institute of Particle and Nuclear Studies, High Energy Accelerator Research Organization (KEK) - Institute of Particle and Nuclear Studies, Institute of Materials Structure Science, Accelerator Laboratory, and Applied Research Laboratory	Niigata University; Okayama University
Yokohama City University	_	Kanagawa University; Kanagawa University of Human Services; Kanto Gakuin University; Keio Research Institute at SFC; Graduate School of Media Design, Keio University; Yokohama National University
Niigata University	_	The University of Tokyo; Tohoku University; National Institutes for Quantum Science and Technology
Nagaoka University of Technology	_	Toyohashi University of Technology; National Institute of Technology; Institute of Science Tokyo; Osaka Metropolitan University; University of Aizu; Nigata University of Pharmacy and Medical and Applied Life Sciences; Department of Life Science and Biotechnology, National Institute of Advanced Industrial Science and Technology; RIKEN BioResource Research Center; The University of Manchester, Faculty of Biology, Medicine and Health; University of Bristol, School of Chemistry
Kanazawa University	_	The University of Tokyo; Japan Advanced Institute of Science and Technology
University of Yamanashi	_	Shinshu University
Shinshu University	_	University of Yamanashi
Hamamatsu University School of Medicine	_	Shizuoka University; Toyohashi University of Technology; Shizuoka Institute of Science and Technology; The Graduate School for the Creation of New Photonics Industries
Toyohashi University of Technology	Shizuoka University	Institute of Science Tokyo; Nagoya University
Fujita Health Univer- sity	Hamamatsu University School of Medicine	Exploratory Research Center on Life and Living Systems, National Institutes of Natural Sciences
Shiga University	Shiga University of Medical Science; Kyoto Women's University; Kyoto Tachibana University	Research Organization of Information and Systems; Center for the Promotion of Social Data Science Education and Research, Hitotsubashi University; Center for Innovative Research and Education in Data Science, Institute for Liberal Arts and Sciences, Kyoto University; Center for Mathematical Modeling and Data Science, Osaka University; The University of Shiga Prefecture; Nagahama Institute of Bio-Science and Technology; Education Data Science Center, National Institute for Educational Policy Research
Ritsumeikan Univer- sity	_	The University of Tokyo; Juntendo University; Shiga University; Shiga University of Medical Science; Osaka University of Health and Sport Sciences; National Institute of Advanced Industrial Science and Technology; Hospital, National Center for Geriatrics and Gerontology; National Institute for Physiological Sciences, National Institutes of Natural Sciences

Selected University	Collaborating Institutions	
Names	Collaborating University Names	Participating Institution Names
Osaka Metropolitan University	_	Tohoku University
Kobe University	_	Hiroshima University; RIKEN
Shimane University	_	Tohoku University; Akita University
Okayama University	_	The University of Tokyo; RIKEN
Hiroshima University	_	Kobe University; Tohoku University; Arizona State University
Ehime University	Kochi University	_
Kyushu Institute of Technology	_	Institute of Science Tokyo; Nagasaki University; National Institute of Information and Communications Technology; Japan Agency for Marine-Earth Science and Technology; Japan Aerospace Exploration Agency
Nagasaki University	University of Miyazaki; Kagoshima University	_
Kumamoto University	_	Kyushu University
Okinawa Institute of Science and Technol- ogy	_	Keio University; University of the Ryukyus; National Institute of Technology, Okinawa College; Okinawa Prefectural University of Arts; The University of Tokyo; Kyoto University; Tohoku University; Osaka University; Kyushu University; Institute of Science Tokyo; University of Tsukuba; Hitotsubashi University; RIKEN; Harvard University; Stanford University; Massachusetts Institute of Technology; University of Oxford; University of Cambridge; University of California, San Diego; University of Hawaii; James Cook University; Sorbonne Université; Ecole Pratique des Hautes Etudes; Centre national de la recherche scientifique; Max Planck Institute for Brain Research; Max Planck Institute for Polymer Research; Weizmann Institute of Science; Catalan Institute of Nanoscience and Nanotechnology

\*Universities selected for facility-building support. Selected universities: 30 (National: 22, Public: 2, Private: 6) Collaborating universities: 11 (National: 9, Private: 2) Total: 39

# WISE Program (Doctoral Program for World-leading Innovative & Smart Education)



https://www.jsps.go.jp/j-takuetsu-pro/

#### Program Purpose and Outline

This program advances the building of excellent education/research hubs that have at their core the strengths of the participating universities, each capable of fostering high-level "knowledge professionals," who will take the lead in escorting various sectors into the future. To do this, each university establishes a 5-year masters/ doctoral program that merges the highest level of global education and research while advancing new and original joint research carried out in collaboration with universities, research organizations, and private companies both in and outside Japan.

#### Program Launched

FY2018

#### Support (Implementation) Period

7 years

#### Expenses Supported / Expense Items

Selected in 2018: Approximately JPY 110 million per year per project Selected in 2019: Approximately JPY 120 million per year per project Selected in 2020: Approximately JPY 140 million per year per project

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Others

Strengthening Linkage with Society

Awards of Recognition

**ISPS** Centers

#### Applied / Selected

	Number of Applications		Number of Selections	
Fiscal Year	Number of Universities	Number of Applications	Number of Universities	Number of Selections
FY2020	27	42	4	4
FY2019	29	44	9	11
FY2018	38	54	13	15

#### Selected Programs

Fiscal Year of Selections	Universities	Names of Programs
	Institute of Science Tokyo	Multi-Scope•Energy WISE Professionals
FY2020	Nagoya University	Graduate Program for Lifestyle Revolution based on Transdisciplinary Mobility Innovation
	Kyoto University	Distinguished Doctoral Program of Platforms
	Kyushu University	Graduate Program of Mathematics for Innovation
	Tohoku University	WISE program for Sustainability in the Dynamic Earth
	Chiba University	Applied Humanities Program for Cultivating Global Leaders
	Chiba University	Innovative Medicine CHIBA Doctoral WISE Program
	The University of Tokyo	Forefront Physics and Mathematics Program to Drive Transformation
	The University of Tokyo	World-leading Innovative Graduate Study: Advanced Business Law Program
FY2019	Institute of Science Tokyo	Engineering Education Program for Super Smart Society based on Advanced Quantum Science
	Tokyo University of Marine Science and Technology	Development of WISE (World-leading Innovative & Smart Education) Program to foster AI (Artificial Intelligence) Professionals for Marine Industries
	Kanazawa University	WISE Program for Nano-Precision Medicine, Science and Technology
	Nagoya University	Convolution of Informatics and Biomedical Sciences On Glocal Alliances
	Kyoto University	Graduate Program for Medical Innovation
	Osaka University	Multidisciplinary PhD Program for Pioneering Quantum Beam Application
	Hokkaido University	WISE Program for One Health Frontier Graduate School of Excellence
	Tohoku University	Advanced Graduate Program for Future Medicine and Health Care
	Tohoku University	WISE Program for AI Electronics
	University of Tsukuba	Ph.D. Program in Humanics
	The University of Tokyo	World-leading Innovative Graduate Study Program for Life Science and Technology
	Tokyo University of Agriculture and Technology	Excellent Leader Development for Super Smart Society by New Industry Creation and Diversity
	Institute of Science Tokyo	Creating sustainable societies through [Material×Information] multi-talented human resource development
FY2018	Nagaoka University of Technology	Global Pro-Active Root Technology Program
	Nagoya University	Graduate Program of Transformative Chem-Bio Research
-	Nagoya University	DII (Deployer-Innovator-Investigator) Collaborative Graduate Program for Accelerating Innovation in Future Electronics
	Kyoto University	Innovation of Advanced Photonic and Electronic Devices
	Osaka University	Transdisciplinary Program for Biomedical Entrepreneurship and Innovation
	Hiroshima University	The Frontier Development Program for Genome Editing
	Nagasaki University	Global Health Elite Programme for Building a Healthier World
	Waseda University	Graduate Program for Power Energy Professionals

## Support for Research Initiatives

# International Academic Collaborations

Enha

### Project for Designing Graduate Programs Emphasizing Digital Literacy across Diverse Fields; X Program



https://www.jsps.go.jp/j-x-pro/

#### Program Purpose and Outline

This program works to promote the establishment of minor and double degree programs in fields of data science and computer science with an aim to foster talented people having competencies in data science and computer science within graduate schools of the humanities and social sciences.

#### Program Launched

FY2022

#### Support (Implementation) Period

Up to 6 years

#### Expenses Supported / Expense Items

Up to Approximately JPY 70 million per project (for first fiscal year)

#### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections
FY2024	5	3
FY2022	8	6

#### Selected Universities

#### • FY2024

Iwate University	Tokyo University of the Arts	Kanazawa University
• FY2022		
Shiga University	Okayama University	Hiroshima University
Kyushu University	Tohoku Gakuin University	Nagoya University of Commerce & Business



# Project for the Establishment of Networked Graduate Schools in the Humanities and Social Sciences



https://www.jsps.go.jp/j-zinsha-net/

#### Program Purpose and Outline

The aim of this program is to realize new graduate-school education models in the humanities and social sciences that respond to societal expectations both in Japan and abroad, pursued by promoting the participation of companies and the public, while strengthening research-guidance and career-support functions through the implementation of network-based education and research systems.

#### **Program Launched**

FY2023

#### Support (Implementation) Period

Up to 6 years

#### Expenses Supported / Expense Items

Up to JPY 40 million per project (for first fiscal year)

#### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections
FY2024	12	4
FY2023	8	5

#### Selected Universities

Fiscal Year of Selections	Representative Universities	Collaborating Universities
	Tokyo University of Foreign Studies	The Central European University; NOVA University Lisbon; Ludwig Maximilians University of Munich; Ukrainian Catholic University
	Shiga University	National Taichung University of Science and Technology; University of London The School of Oriental and African Studies; University of Florida
FY2024	Kobe University	Columbia University in the City of New York; The University of Dha- ka; Graduate Institute of International and Development Studies; The George Washington University; University of East Anglia; Na- tional Institute for Oriental Languages and Civilizations; University of Naples "L'Orientale"; University of Hawaii; KU Leuven; Korea Uni- versity; Fudan University; National University of Laos; Airlangga Uni- versity; Chiang Mai University; Makerere University; Kenyatta Uni- versity; University of Malawi; University of Cape Town; Stellenbosch University
	Aichi Prefectural University	RMIT University; Autonomous university of Barcelona; Tunghai Uni- versity; University of Languages & International Studies - VNU-Ha- noi, Vietnam
	Ibaraki University	Utsunomiya University, Tokiwa University
	Tokyo University of Foreign Studies	University of Tsukuba, Sophia University
FY2023	Kobe University	Otaru University of Commerce, Wakayama University
	Osaka Metropolitan University	Wakayama University, Kansai University, University of Marketing and Distribution Sciences
	Ryukoku University	University of the Ryukyus, Kyoto Bunkyo University

# Support for Research Initiatives

# International Academic Collaborations

## Others

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### Human Resource Development Project for Supporting **Knowledge-Based Society**

https://www.jsps.go.jp/j-chishiki/

#### Program Purpose and Outline

This program works to cultivate individuals with a broad education and deep expertise who are capable of flexibly responding to future changes and developments in society and academia, while establishing a system within the university that generates a cycle of cross-cutting improvements (e.g., establishing university-wide Management of Teaching and Learning, strengthening administrative and operational structures, and enhancing interaction with society) in preparation for advent of the Society 5.0 era.

#### **Program Launched**

FY2020

#### Support (Implementation) Period

Menu I, II: Up to 5 years Menu III: Up to 4 years

#### Expenses Supported / Expense Items

Menu I: Up to JPY 50 million per project for first fiscal year Menu II: Up to JPY 34 million per project for first fiscal year Menu III: Up to JPY 50 million per project for first fiscal year

#### Number of Applying Universities / Number of Selected Universities

Fiscal Year	Number of Applying Universities	Number of Selected Universities
FY2021	6	3
FY2020	23	6

#### Selected Universities

#### Menu I: Educational program to broaden the scope of interdisciplinary study/learning (selected in FY2020)

Niigata University	Kanazawa University	Shinshu University
Taisho University	Tokyo City University	

#### Menu II: Educational program to draw out outstanding individuals (selected in FY2020)

Azabu University

#### Menu III: Innovative educational program (selected in FY2021)

Chiba University	Waseda University	Nagoya University of Commerce & Business
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https://www.jsps.go.jp/j-sparc/

#### Program Purpose and Outline

The object of this program is to transform universities and colleges into entities that function as the core of their regions, achieved by reconstructing existing educational programs through collaboration between regional communities and universities. This transformation aims to create institutions that will nurture the talented people truly needed in the regional communities.

#### Program Launched

FY2022

#### Support (Implementation) Period

Type 1: Up to 6 years

Type 2: Up to 6 years

#### Expenses Supported / Expense Items

Type 1: Up to JPY 200 million per project for first fiscal year Type 2: Up to JPY 100 million per project for first fiscal year

#### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections
FY2022	9	6

#### Selected Universities / Target Regions

#### • Type 1: Initiatives aimed at reorganizing faculties and departments

Universities	Target Regions
University of Yamanashi	Yamanashi Prefecture
Shinshu University	Nagano Prefecture
Yamaguchi University	Yamaguchi Prefecture

#### • Type 2: Initiatives aimed at high-level collaboration

Universities	Target Regions
Gifu University	Gifu Prefecture
Kumamoto University	Kumamoto Prefecture
University of Miyazaki	Miyazaki Prefecture



https://www.jsps.go.jp/english/e-tenkairyoku/

#### Program Purpose and Outline

This program works to enhance the cultivation of globally competent professionals who can actively engage on the international stage and work to strengthen the global development capability of university education in Japan. While ensuring a high quality of higher education, support in provided for promoting international educational collaboration with universities in target countries and regions where initiatives include Japanese students studying abroad and the strategic acceptance of foreign students in Japan.

#### Program Launched

FY2011

#### Support (Implementation) Period

Up to 5 years

#### Expenses Supported / Expense Items

#### FY2024

Type A: Up to JPY 16 million per project for first fiscal year Type B: Up to JPY 23 million per project for first fiscal year \*Depending on the type and fiscal year.

#### Applied / Selected

Fiscal Year of Selections	Supported Areas		Number of Applications	Number of Selections	
	Supporting the establish- TypeA : Projects that promote international exchange		19	9	
FY2024	ment of inter-university collaboration with EU and other European countries	TypeB : Project that promotes i establishes an information plat	international exchange and that form for Japanese universities	1	0
	Support for Creation of	Type A: Projects that promote i	international exchange	17	12
FY2023	Inter-University Exchanges with US Universities using COIL/VE style education	Type B: Project that promotes i establishes an information plat	international exchange and that form for Japanese universities	1	1
FY2022	Support for Creation of Inter-University Exchanges in the Indo-Pacific Region		30	14	
	2021 Support for promoting the establishment of Asian Higher Education Commu- nity	Type A: Continuing consortia	(1)CAMPUS Asia Plus	*	12
EV2021		from Mode 2	(2)CAMPUS Asia	*	1
FIZUZI		Tuna Di Navy sanaartia	(1)CAMPUS Asia Plus	*	7
		Type B: New consortia	(2)CAMPUS Asia	*	0
	Support for the Formation	Type A: Exchange Promotion	(1)Start-up Type	18	2
FY2020	of Collaborative Programs	Program	(2)Acceleration/Progress Type	13	5
	with African Universities	Type B: Exchange Promotion –	Platform Building Program	1	1

\*Application status not disclosed based on agreement between governments of Japan, China and Republic of Korea

#### Selected Projects

### • Supporting the establishment of inter-university collaboration with EU and other European countries (From FY2024 through Y2028)

#### [TypeA: Projects that promote international exchange]

University ( <u>Core Institution</u> )	Project Title
Yamagata University	Network of double-degree programs for smart agriculture and forestry
University of Tsukuba	International graduate program for integrated fields of nano, quantum, information and bio-technologies
Tokyo University of Marine Science and Technology	Japan-Nordic Collaborative Program of Marine Education toward the Innovation and Sus- tainability (METIS)
Kanazawa University	Program for Human Resource Development Leading Mathematical and Physical Sciences for the Development of Advanced Science in Japan and EU Countries

Awards of Recognition

University ( <u>Core Institution</u> )	Project Title
<u>Toyohashi University of Technology</u> Institute of Science Tokyo (Formerly To- kyo Institute of Technology)	Semiconductor Vanguard Driving Green Innovation Society
Kyoto Institute of Technology	JoinTECH Laboratories for Smart Materials Leader Development
Okayama University	EU-Japan Practical Leadership Program for Well-being through Reproductive and Environmental Sciences
Hiroshima University	Training program for Next Generation Leaders in AI in Maritime Economic Security and Sustainability (Japan-Europe)
Keio University	Japan-Europe Complementary Learning Agreement-based Joint Master's Program

### • Support for creation of inter-university exchanges with US universities using COIL/VE style education (From FY2023 through FY2027)

[Type A: Projects that promote international exchange]

University ( <u>Core Institution</u> )	Project Title
University of Tsukuba	Empowering International Startup Talent to Create an Inclusive Smart Society
Tokyo University of Foreign Studies	TUFS Training Program for Trans-Pacific Bridge Persons (TP-Bridge)
Tokyo University of the Arts	STEAM-Driven Japan-U.S. Joint Program for Innovative Visual Media Creators
Kanazawa University	Multi-Layered Educational Programs between Japan-the U.S. for Revolutionary New Global Human Resources
Shinshu University	STEAM-Powered Capacity Development through Transnational Project-Based Learning for Community Challenges
Nagoya University	Japan-US Interdisciplinary Program Emphasizing Students' Academic Growth
Kobe University	International Interdisciplinary Collaboration Program for Global Human Resource Devel- opment to solve global issues through "Food-related Science, Business and Culture"
Hiroshima University	Japan-U.S. Global Leadership Program in the Age of Artificial Intelligence
<u>University of Miyazaki</u> Minami Kyushu University Miyazaki International University Miyazaki Gakuen Junior College	Circulation of Knowledge Connecting the Region and the World : Japan-US-Taiwan-S. Korea Global Human Resource Development Program aiming to Tackle GX Challenges
University of the Ryukyus	Inter-island Sustainability Educational Program
<u>Higashi Nippon International University</u> National Institute of Technology, Fukushima College	Japan-US University Collaboration fpr Future Generation who can contribute to Recon- struction and Revitalization
Kansai University of International Studies	Building a safe and secure social infrastructure and developing THE hospitality business within the next-generation DX environment

### [TypeB: Project that promotes international exchange and that establishes an information platform for Japanese universities]

University (Core Institution)	Project Title
<u>Kansai University</u> Tohoku University Chiba University	Blended Mobility Project (BMX) for Society 5.0 HR (Human Resources)

#### • Support for creation of inter-university exchanges in the Indo-Pacific region (From FY2022 through FY2026) [Main Counterpart Country: United Kingdom]

University (Core Institution)	Project Title
Tohoku University	International Collaboration between Japanese, British, and American Universities to Create Resilient Societies

#### [Main Counterpart Country: India]

University ( <u>Core Institution</u> )	Project Title
Gitu University	Education for Highly-Skilled Human Resources in Northeast India and Tokai Area based on Glocal JDP Platform

#### [Main Counterpart Country: Australia]

University ( <u>Core Institution</u> )	Project Title
<u>Nagoya University</u> Gifu University	Developing professionals who can work autonomously and collaboratively to contribute to economic security in a post-SDGs world
Kobe University	International Educational Program for Developing Global Human Resources in Engineer- ing for Solving Global Issues
Tokyo City University	Human Resource Development Program Contributing to the Realization of a Carbon Neutral Society at Asia Pacific International Campus

#### [Main Counterpart Countries: United kingdom, India]

University (Core Institution)	Project Title
Nagaoka University of Technology	International Cooperative Educational Program using Dual Internship on Multidimen- sional Campus

#### [Main Counterpart Countries: United Kingdom, Australia]

University (Core Institution)	Project Title
Ochanomizu University	Practice-Based EDI Program for Global Leaders
Toyo University	Program to develop the Japanese language ability and multicultural communication skills of international professionals through intensive business Japanese study

#### [Main Counterpart Countries: India, Australia]

University (Core Institution)	Project Title
Yokohama National University	YOKOHAMA International Education Program for Leading Sustainability Transformation towards a Resilient Society with Industry-Government-Academia Network
Niigata University	Human Resource Development Program on Field Science Research in the Indo-Pacific Region

#### [Main Counterpart Countries: United kingdom, India, Australia]

University (Core Institution)	Project Title
Chiba University	Global & Regional Interprofessional Education Plus Program (GRIP Program)
Tokyo University of the Arts	Japan-UK-Australia-India SDGs x ARTs Global Leadership Initiative collaborated with Shared Campus (International Co-Creation Campus) -Creating innovations for world happiness-
Hiroshima University	Agile Entrepreneurship Development Program through International Collaborative Learning
<u>Kansai University of International Studies</u> Kobe Design University Miyazaki International College	Nurturing a Global Entrepreneurship Mindset - Start-Up Collaboration among Business Communities, Local Governments and a University Global Network

#### • Support for promoting the establishment of Asian Higher Education Community (From FY2021 through FY2025) [Continuing consortia from Mode 2 (1): CAMPUS Asia Plus]

University ( <u>Core Institution</u> )	Project Title
<u>Chiba University</u> Shibaura Institute of Technology	SDI-A: Social Design Initiative in Asia
The University of Tokyo	BESETO + NUS Platform for the Double Degree, Exchange and Online Learning Pro- grams on International and Public Policy Studies in Asia
Tokyo University of the Arts	Asian Animation Education Network: Establishment and Management
Institute of Science Tokyo (Formerly Tokyo Institute of Technology)	Joint Education and Research Programs of Top Asian Science and Engineering Universities (T $^2{\rm KN}$ Consortium)
Tokyo University of Marine Science and Technology	OQEANOUS Plus: Education program fostering advanced professionals who can create technology and its application in the strategic development for sustainable utilization of the ocean
Nagoya University	Human resource development to support legal and policy platforms for deepening "jus commune" in East Asia and disseminating it to ASEAN and the World
Osaka University	Nurturing of medical and public health research leaders to solve health problems in global societies
Kobe University	Multidisciplinary Education Program for Careers on Risk Management Experts

Others

**JSPS** Centers

University (Core Institution)	Project Title
Kyushu University	Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental Science and Technology – Expansion to ASEAN –
Kyushu University	Cooperative Educational Program for Fostering Human Resources to Lead Sustainable Development of Recycle-Based Zero-Emission Urban and Architectural Environment in Asia
Nagasaki University	Asia Intercollegiate Cooperative Project for Nurturing Global Leaders in Sustainable Infrastructure Development
Waseda University	Social Innovation Program for Promoting Dialogue of Civilizations and Fostering Cultural Intelligence in Contemporary Asian Societies

#### [TypeA: Continuing consortia from Mode 2 (2): CAMPUS Asia]

University (Core Institution)	Project Title
<u>Ritsumeikan University</u> Ritsumeikan Asia Pacific University	Korea-China-Japan Joint Campus program to foster global leaders for East Asia

#### [Type B: New consortia (1): CAMPUS Asia Plus]

University ( <u>Core Institution</u> )	Project Title
Tohoku University	Multimodal Global Leaders Development through Asian-Model Dentistry Consortium
University of Tsukuba	Development Program for Professionals in Educational Policy Management Contributing to Solving Global Issues
University of Yamanashi	A <sup>3</sup> I: Real Problem Solving Driven Artificial Intelligence Education Program
Nagoya University	Fostering Humans Resources for C-Zeronization in Asia Countries
Hiroshima University	International Collaborative Human Resources Development Program in Asia to Foster Inclusive Minds
Nagasaki University	Asia Fisheries and Marine Environment Leaders Program (AFIMA Leaders Program)
Rikkyo University	The Asian Consortium for Excellence in Liberal Arts and Interdisciplinary Education (The ACE)

#### • Support for the Formation of Collaborative Programs with African Universities (From FY2020 through FY2024) [Type A: Exchange Promotion Program (1): Start-up Type]

University (Core Institution)	Project Title
Utsunomiya University	Programme for Developing Human Resource to Contribute to SDGs by Merging African Potential and Japanese Scientific Technology
Yamaguchi University	Veterinarian training program responsible for infectious disease control to solve One Health problem in Asia and Africa

#### [Type A: Exchange Promotion Program (2): Acceleration/Progress Type]

University (Core Institution)	Project Title
Hokkaido University	International Veterinary and Conservation Medicine Education Program: Building upon generations of collaboration between University of Zambia and Hokkaido University for the future of Africa-Japan relations
<u>Akita University</u> Kyushu University	An innovative program for development of core human resources for smart mining to lead sustainable resource development in Southern Africa
Hiroshima University	Triangular Study Abroad Program for Reciprocal Partnership with North and Sub-Saha- ran Africa
Nagasaki University	Planetary Health Africa-Japan Strategic and Collaborative Education (PHASE) Program
Tokyo University of Agriculture	Project-based Collaborative Education Program focusing on Nutrition Improvement in Africa

#### [Type B: Exchange Promotion – Platform Building Program]

University ( <u>Core Institution</u> )	Project Title
	Innovative Africa: Educational Networking Programs for Human Resource Development in Africa's SDGs

# ieration Supp

Enha and

Others



https://www.jsps.go.jp/j-social-i/

#### Program Purpose and Outline

This program works to create a proactive cycle in which further university internationalization, the sending of Japanese students abroad, and the receiving and retention of excellent international students in Japan mutually reinforce each other through systems established to promote international co-learning. Specifically, the program employs a practice of "multicultural co-learning," in which Japanese and international students learn together while leveraging the diversity in each other's cultures. Through the development, implementation, and dissemination of co-learning subjects, subject clusters, and courses, the program aims to foster and attract outstanding talent while further advancing the internationalization of universities.

#### Program Launched

FY2024

#### Support (Implementation) Period

Up to 6 years

#### Expenses Supported / Expense Items

Type I: Up to JPY 100 million per program (single application) for first fiscal year

Up to JPY 150 million per program (application by group of multiple universities) for first fiscal year Type II : Up to JPY 150 million per program for first fiscal year

#### Applied / Selected

Fiscal Year of Selections	Support Category	Number of Applications	Number of Selections
FY2024	Type I : Regional Cooperation Type	15	10
F12024	Type II : Overseas Bases Type	8	3

\*In the case of programs involving a group of multiple universities, only the university submitting the application on behalf of the group is counted in the application count.

\*A total of 21 universities applied. However, since some universities submitted applications for both types, the total number of applications is 23.

#### List of Selected Universities

#### Type I : Regional Cooperation Type

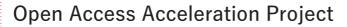
University (Cooperating organizations that implement programs)	Program Title
Tohoku University	New development of comprehensive internationalization centered on co-creative interna- tional collaborative learning and the creation of social value
Saitama University	University-Wide Development of Active Education for Multicultural Coexistence: the Trinity of "Co-Creating Community—Solving Diversity Challenges—Studying for Resilient Society
Nagaoka University of Technology	Establishment of a Global GIGAKU Collaborative Learning Model and development of R&D Professionals to transform Local Manufacturing Industries and Local Communities
Kanazawa University	Developing Value-Creating Human Resources through a Multilevel Multicultural Collabora- tive Learning Program and Establishing a Nurturing Global Innovation Campus
Toyohashi University of Technology	Fostering Global Tech Innovators on a Multicultural Co-Learning Campus
Osaka University	Live Locally, Grow Globally: Collaborative Multicultural Education Project for Social Impact
Okayama University	Developing 'Well-being Achievers in Co-creating the Future of the Local Community and the Planetary Society' through Integrated Engagement Strategy
Hiroshima University	Intercultural Collaborative Learning System through Experiential and Inquiry-Based Learning (EIBL) in Collaboration with the Town & Gown Initiative
Kansai University (Osaka Metropolitan University)	Osaka Change Makers: Issue-Driven Social Impact Co-Creation Project
Ritsumeikan Asia Pacific University (Kyushu Institute of Technology)	Leap Beyond Global: Creating New Values in a Global Society

\*The term "institutions cooperating to implement the program" here refers to those institutions eligible for budgetary support.

#### Selected Universities

#### • Type II : Overseas Bases Type

University	Program Title
Hokkaido University	Global Education for Well-being Society: HOKUDAI International Co-creation Project
University of Tsukuba	Nurturing Global Start-uppers through GASSHUKU and DOJO
Nagoya University	Transforming Society through Multicultural Education on the Global Multicampus





#### Program Purpose and Outline

The goal of this program is to accelerate framework development and system reform in universities and similar institutions toward achieving real-time open access. Targeted are universities and institutions that have developed operational plans and similar strategies based on a comprehensive institutional vision for open access (e.g., open access policies and research data policies). The program provides support for the development and enhancement of systems for managing and utilizing research outputs (such as institutional repositories), strengthening the operation and organizational structure of these systems through institution-wide management under the leadership of university presidents or equivalent authorities, and implementing internal support measures to promote open access (e.g., strategic APC support).

#### **Program Launched**

FY2024

#### Support (Implementation) Period

From grant-decision date to March of following year

#### Expenses Supported / Expense Items

Type 1: Eligible amount of grant: approximately JPY 200 to 600 million Type 2: Eligible amount of grant: approximately JPY 100 to 200 million

Type 3: Eligible amount of grant: approximately JPY 50 to 100 million

#### Applied / Selected

Fiscal Year	Number of Applications	Number of Selections
FY2024	93	83

#### Selected Universities and Inter-University Research Institute Corporation

#### Type 1

Hokkaido University	Tohoku University	University of Tsukuba	The University of Tokyo	Institute of Science Tokyo*	Kyoto University
Osaka University	Kobe University	Hiroshima University	Kyushu University	Tokai National Higher Education and Research System	Osaka Metropolitan University
Keio University	National Institutes of Natural Sciences	National Institute of Informatics			

\*Formerly Tokyo Institute of Technology at the time of application

#### Type 2 \*Universities in parentheses are Collaborating Institutions.

Hirosaki University	Gunma University (Ibaraki University)	Chiba University	Tokyo University of Agriculture and Technology	The University of Electro-Communications	Yokohama National University
Niigata University	Kanazawa University (University of Fukui, Kanazawa Medical University)	University of Yamanashi	Shinshu University	Mie University	Okayama University
Yamaguchi University	Kagawa University	Ehime University	Nagasaki University	University of Miyazaki (Toho University, Kyushu Universit	
Kagoshima University	University of the Ryukyus	Yokohama City University	Nagoya City University	Tokai University	Tokyo University of Science
Meiji University	Waseda University	Teikyo University	Fujita Health University	National Institutes for the Humanities	

#### • Type 3

Iwate University	Yamagata University	Tokyo University of Foreign Studies	Tokyo University of Marine Science and Technology	Ochanomizu University	Hitotsubashi University
University of Toyama	Shizuoka University	Nagoya Institute of Technology	Toyohashi University of Technology	Shiga University	Osaka Kyoiku University
Shimane University	Tokushima University	Kochi University	Saga University	Kumamoto University	Oita University
The Graduate University for Advanced Studies	Japan Advanced Institute of Science and Technology	Nara Institute of Science and Technology	Hokkaido Higher Education and Research System	Nara National Institute of Higher Education And Research	Tokyo Metropolitan Public University
Sanyo-Onoda City University	Teikyo Heisei University	Shibaura Institute of Technology	Tokyo Medical University	Tokyo University of Agriculture	Tokyo Metropolitan University
Kanagawa University	Azabu University	Meijo University	Doshisha University	Ritsumeikan University	Osaka Medical and Pharmaceutical University
Kansai Medical University	University of Occupational and Environmental Health, Japan	High Energy Accelerator Research Organization	Research Organization of Information and Systems		

# 5 Strengthening Linkage with Society

Promoting linkage with society by, for example, feeding back to society the results produced through scientific research

### HIRAMEKI 🕁 TOKIMEKI SCIENCE

- Welcome to a University Research Lab - Science That Inspires and Inspirits



**JSPS** 

\* Recruitment and selection of

implementing institutions

\* Publicity for overall program

Making contact

System design

Cost support

https://www.jsps.go.jp/j-hirameki/

#### Program Purpose and Outline

Through this program, the fascination and excitement of scientific research embodied in projects funded by Grants-in-Aid for Scientific Research (KAKENHI) are directly conveyed to 5th and 6th graders in elementary school, middle and high school students in an easily understandable manner. The program supports initiatives taken by researchers of universities and other research institutions to stimulate in the students' scientific curiosity and a sense of intellectual creativity while sparking flashes of excitement for science in their hearts.

#### **Program Launched**

#### FY2005 Support (Implementation) Period

From the day of preliminary disbursement decision to March of following year

#### Expenses Supported / Expense Items

Up to JPY 500,000 per program

#### Visits Made

Fiscal Year	Number of Institutions	Number of Programs
FY2023	113	206
FY2022	106	188
FY2021	101	184
FY2020	94	160
FY2019	130	228

Since the start of the program in FY2005, the total number of participants exceeds 85.000

#### Examples of Programs Implemented in FY2023



Build your optical transceiver- Introduction to fiber -optics and free-space optical communication TAKANO Katsumi (Professor, Graduate School of Science and

Engineering, Yamagata University)



Science in archaeology - Learn isotope analysis and uncover history and culture ISHIMARU Eriko (Researcher, Hiroshima University Museum, Hiroshima University)



**Program planning &** implementation

Let's learn how medicines work! - The "secret" behind how familiar plant ingredients become medicines KATO Atsushi (Professor, Laboratory of Biopharmaceutics, Faculty of Pharmaceutical Sciences, The University of Toyama)



Ahead of next-generation voice interface lip-reading technology SAITOH Takeshi (Professor, Faculty of Computer Science and Systems Engineering, Kyushu Institute of Technology)

#### Implementation Scheme

Target audience Elementary school 5th and 6th graders Junior high school students Senior high school students Implementing institutions Implementing institutions Applying to participate

**ISPS** Centers

Others







#### Program Purpose and Outline

This program gives JSPS Overseas Fellows a unique opportunity to volunteer to give lectures in English to Japanese high school students on their research activities and home countries. Hailing from countries around the world, these are outstanding young researchers hosted by Japanese universities and research institutions for the purpose of advancing their research in cooperation with Japanese colleagues. This experience gives the Fellows an opportunity to deepen their connections with the local community and Japan, while also expanding the potential for future academic promotion by fostering high school students' interest in research and international understanding.

#### Program Launched

FY2004

Support (Implementation) Period

As scheduled

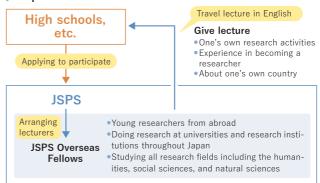
#### Expenses Supported / Expense Items

Teaching materials cost, domestic transportation expense, etc.

#### Number of Lectures

Fiscal Year	Number of Visits	Number of Participants
FY2023	149	7,518
FY2022	135	5,684
FY2021	108	4,502
FY2020	97	4,488
FY2019	135	6,689

#### Implementation Scheme



#### Examples of Programs Implemented in FY2023



Lecturer: Dr. Tomas HLUSKA (Czech Republic) Lecture theme: Hulks and Deadpools of the Cytokinin Universe (Aichi Prefectual Kasugai Senior High School)



Lecturer: Dr. Shreedevi Radhakrishna PORUNAKATU (India) Lecture theme: Does Space Have Weather? (Aichi Prefectural Zuiryo High School)



Lecturer: Dr. Benjamin Yen (New Zealand) Lecture theme: Learning to like science - from music to the science of sound (Tokyo Metropolitan Tama High School of Science and Technology)



Lecturer: Dr. Abdellah AIT EL FAKIR (Morocco) Lecture theme: Machine Learning in Catalysis-key to a Sustainable Future (Sapporo Asahigaoka Senior High School)





https://www.jsps.go.jp/english/e-soc/

#### Program Purpose and Outline

To contribute to the enhancement of research capabilities in Japan by integrating academic seeds and societal needs across organizational and research fields, it's necessary for collaboration to thrive between academia and industry. However, there are still research areas and modalities in which such collaboration has not yet been sufficiently realized. To address this situation, new platforms for industry-academia collaboration are established based on proposals from leading researchers in each sector with an aim to identifying new research directions and connect them to industry-academia joint research and other initiatives.

Program Launched

FY1993

Support (Implementation) Period

5 years

#### Expenses Supported / Expense Items

Various expenses for holding meetings, workshops, etc.

#### Number of University-Industry Cooperative Committee

Fiscal Year	Number of Committees Established	
FY2024	3	
FY2023	5	
FY2022	1	
FY2021	2	
FY2020	6	

#### Implementation Scheme



\*Committee activates are conducted using member dues.

#### University-Industry Cooperative Committees

University-Industry Cooperative Committees	Chair	Affiliation	Establishment Period
R021 Committee on Food and pre-illness marker	Keiko Abe	Professor Emeritus, The University of Tokyo	1 Apr 2020 - 31 Mar 2025
R022 Committee on Quantum Structural Biology	Kunio Miki	Professor Emeritus, Kyoto Univer- sity	1 Apr 2020 - 31 Mar 2025
R023 Committee on Innovation of Construction Ma- terials for Resilient Infrastructure in the Next-Gener- ation	Toshiharu Kishi	Professor, The University of Tokyo	1 Apr 2020 - 31 Mar 2025
R024 Committee on Electromagnetic-Wave-Excited Reaction Field	Yuji Wada	Professor Emeritus, Tokyo Institute of Technology	1 Apr 2020 - 31 Mar 2025
R025 Committee on Development of Advanced Func- tional Thin Films and Interfaces	Hitoshi Tabata	Professor, The University of Tokyo	1 Apr 2020 - 31 Mar 2025
R026 Committee on Future Design Committee of Advanced Measurement and Analysis	Masaaki Sugiyama	Specially Appointed Professor, Osaka University	1 Apr 2020 - 31 Mar 2025
R031 Committee on Hybrid Quantum Nanotechnolo- gies	Kazuhiko Hirakawa	Professor, The University of Tokyo	1 Apr 2021 - 31 Mar 2026

Awards of Recognition

SPS Centers

Others

University-Industry Cooperative Committees	Chair	Affiliation	Establishment Period
R032 Committee on Crystal Growth for Industrial In- novation	Hiroshi Fujioka	Professor, The University of Tokyo	1 Apr 2021 - 31 Mar 2026
R041 Committee on Integration of Bio, Molecular and Nano Technologies	Ichiro Yamashita	Specially Appointed Professor, Osaka University	1 Apr 2022 - 31 Mar 2027
R051 Committee on Metallomics	Yasumitsu Ogra	Professor, Chiba University	1 Apr 2023 - 31 Mar 2028
R052 Committee on DX Plasma Process	Toshiro Kaneko	Professor, Tohoku University	1 Apr 2023 - 31 Mar 2028
R053 Committee on Collaboration Platform of De- sign, Measurement and Analysis	Toshiyuki Fujimoto	Chief Standardization Officer(CSO), National Institute of Advanced In- dustrial Science and Technology	1 Apr 2023 - 31 Mar 2028
R054 Committee on Heat-Resistant Materials for Carbon Neutrality	Kyosuke Yoshimi	Professor, Tohoku University	1 Apr 2023 - 31 Mar 2028
R055 Committee on Advanced Ceramics Contributing to Carbon Neutrality	Junichi Tatami	Professor, Yokohama National Uni- versity	1 Apr 2023 - 31 Mar 2028
R061 Committee on Biological Effects and Applica- tion of Radiation for the Society with Enriched QOL	Yoshihisa Matsumoto	Professor, Tokyo Institute of Tech- nology	1 Apr 2024 - 31 Mar 2029
R062 Committee on Metamaterials	Atsushi Sanada	Professor, Osaka University	1 Apr 2024 - 31 Mar 2029
R063 Committee on Integration of Highly Efficient Energy Conversion Materials and Device Technolo- gies	Kazushi Ishiyama	Professor, Tohoku University	1 Apr 2024 - 31 Mar 2029

# 6 Awards of Recognition

Giving recognition to excellent research abilities demonstrated by researchers at various stages of their careers

https://www.jsps.go.jp/english/e-jsps-prize/

#### Program Purpose and Outline

Established in FY2004, the purpose of this Prize is to identify and recognize young researchers who possess abundant creativity and outstanding research abilities, thereby enhancing via the awarding of the Prize their zeal for research while offering them support in advancing their work. The ultimate aim of the program is to elevate standards of scientific research in Japan to a top world level.

#### Number of Award Recipients

Up to 25 recipients/fiscal year

#### Recipients

Researchers under 45 years of age who have received a PhD or who have equivalent scientific research capability

- \* Including foreign researchers who have resided in Japan for at least 5 years and who are affiliated with a Japanese university or research institution and who are scheduled to continue their research activities in Japan
- \* Under 47 years of age in cases of exceptional handling in connection with a fellow's research suspension for purposes of childbirth/childcare

#### 20th (FY2023) JSPS Prize Recipients

Name	Affiliation	Research Title
IIZUMI Toshichika	Principal Scientist, Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization	Assessing Climate Change Impacts and Adaptation in Global Agricultural Production
ITO Yoshikazu	Associate Professor, Faculty of Pure and Applied Sciences, Vice Director, R&D Center for Zero CO2 Emission with Functional Materials, University of Tsukuba	Creations of New Graphene Applications Using 3D Porous Graphene
IRIE Kei	Associate Professor, Research Institute for Mathematical Sciences, Kyoto University	Study on Contact Geometry, Symplectic Geometry and String Topology
OHTSUKI Hisashi	Associate Professor, Research Center for Integrative Evolutionary Science, The Graduate University for Advanced Studies, SOKENDAI	Theoretical Study on Evolutionary Origin of Human Sociality
OHMIYA Hirohisa	Professor, Institute for Chemical Research, Kyoto University	Development of Organocatalysis Induced by Single- Electron Transfer and its Application to Precise Control of Radical-Mediated Covalent-Bond Forma- tion
ONODA Fuko	Project Assistant Professor, Graduate School of Humanity, Osaka University, Research Fellow, National Institutes for the Humanities, Center for Innovative Research	Research on Swahili Authors and on the Develop- mental History and Social Functions of Swahili Poetry
KATAOKA Keisuke	Professor, Keio University School of Medicine, Chief, Division of Molecular Oncology, National Cancer Center Research Institute	Elucidation of Molecular and Genetic Basis of Car- cinogenesis through Advanced Genomic Approaches
KOHDA Makoto	Professor, School of Engineering, Tohoku University	Spin-orbit Interaction and Persistent Spin Helix State in Semiconductor Heterostructures
SAITO Kazuya	Professor, Institute of Education, University College London	Linguistic, Educational, and Neurocognitive Dimen- sions of Second Language Acquisition
SAKAI Tomoko	Associate Professor, Institute for Research in Humanities, Kyoto University	An Anthropological Study of Experiences and Mem- ories of Conflict and Disaster: A Focus on Physical and Everyday Aspects
SHINTAKE Jun	Associate Professor, Graduate School of Informatics and Engineering, The University of Electro-Communications	Development of Soft Robotic Functional Materials
SERIZAWA Ai	Professor, Department of Materials Science and Engineering, Shibaura Institute of Technology	Super Eco-Friendly Steam-Derived Multifunctional- ization of Aluminum Alloys
DANI Keshav	Professor, Femtosecond Spectroscopy Unit, Okinawa Institute of Science and Technology Graduate University	Imaging Optically Excited Phenomena in Real and Momentum Space

**ISPS** Centers

Name	Affiliation	Research Title
TANJI Haruka	Associate Professor, Institute for Laser Science, The University of Electro-Communications	Quantum Control of Atoms and Photons with an Optical Resonator
QI Yabing	Professor, Energy Materials and Surface Sciences Unit, Okinawa Institute of Science and Technology Graduate University	Surface Science Investigations on Perovskite Mate- rials for Developing High Performance Solar-Cell Technologies
NAGAYA Naonori	Associate Professor, Graduate School of Humanities and Sociology, The University of Tokyo	Linguistic Typology of Austronesian Languages of the Philippines and Indonesia
NARITA Norio	Professor, Graduate School of Arts and Sciences, The University of Tokyo	Observational Studies and Instrument Development for Transiting Exoplanets
NISHIMOTO Shinji	Professor, Graduate School of Frontier Biosciences, Osaka University	Modeling and Decoding of Internal Representations in the Brain
NUMATA Keiji	Professor, Graduate School of Engineering, Kyoto University, Team Leader, Biomacromolecules Research Team, RIKEN Center for Sustainable Resource Science	Photosynthetic Organisms-Mediated Biosynthesis and Hierarchical Material Design of Structural Pro- teins
FUKAYA Hidenori	Assistant professor, School of Science, Osaka University	Investigation of Topology of Gauge Theory with Domain-Wall Fermion
FUJII Sota	Associate Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo	Studies on Molecular Mechanisms of Inter- and Intra-species Reproductive Barriers in Plants
MAEKAWA Takuya	Associate Professor, Graduate School of Information Science and Technology, Osaka University	Artificial Intelligence for Real World Recognition and its Application to Animal Behavior Analysis and Anomaly Detection
MASUDA Takahiro	Professor, Medical Institute of Bioregulation, Kyushu University	Multifaceted Research for Integrated Understanding of CNS Macrophages
YACHIE Nozomu	Professor, School of Biomedical Engineering, The University of British Columbia, Specially Appointed Professor, Premium Research Institute for Human Metaverse Medicine, Osaka University, Visiting Professor, Research Center for Advanced Science and Technology, The University of Tokyo	Development of Cell Lineage Tracing Technology by Genome Editing and Constructing an Informatics Platform
YAMASHITA Takuro	Professor, Osaka School of International Public Policy, Osaka University	Theory of Design of Economic Mechanisms and Information, and its Applications to Analyses of Auctions, Markets, and Organizations

\*Titles and affiliations current as of 1 December 2023





https://www.jsps.go.jp/english/e-ikushi-prize/

#### Program Purpose and Outline

In 2009, JSPS received an endowment from His Majesty the Emperor Emeritus Akihito on the 20th year of his reign. Amidst a severe economic environment in Japanese society, His Majesty's desire was to encourage and support young scientists who are working diligently to advance their studies and research.

In deference to his wishes, JSPS established the JSPS Ikushi Prize and placed it into operation in FY2010. It functions to formally recognize outstanding doctoral students who can be expected to contribute to Japan's future scientific advancement.

#### Number of Award Recipients

Around 16 recipients/fiscal year

#### Recipients

Under 34 years of age, enrolled as a doctoral student in a Japanese university graduate school \*Overseas students enrolled in university doctoral programs in Japan are also eligible.

Research	tives
Support for	Initiat

Name	Affiliation	Research Title
ITAO Kenji	Graduate School of Arts and Sciences, The University of Tokyo	A study of the diverse structures of human societies and the universal mechanism for their evolution, based or the evolutionary theory, statistical physics, and ethno- graphic data analysis.
ITO Emi	Graduate School of Medicine, Osaka University	Deciphering the role of host-derived metabolites in the development of innate-type T cells
OKUI Haruka	Graduate School of Science, The University of Tokyo	A Study on Roles of Gravity Waves in Middle Atmo spheric Teleconnections Using a High-resolution Gen eral Circulation Model
KIYAMA Hana	Graduate School of Science, Osaka City University	Mechanism and Origin for Swimming Motility of Helica Bacteria Clarified by Reconstruction in a Minimal Bac terium
KIRINO Haru	School of Agriculture, Meiji University	The mechanism of pine wilt disease, unveiled from tri- adic relationship among Bursaphelenchus xylophilus,hos pine trees, and vector cerambycid beetles.
KOBAYASHI Hirozumi	Graduate School of Engineering and Science, University of the Ryukyus	Evolutionary Mechanisms in Cavernicolous Species o Amphidromous Fish
KONNO Naoki	Graduate School of Science, The University of Tokyo	Bioinformatics for revealing the past and predicting the future of evolution
SHIBA Shintaro	Faculty of Science and Technology, Keio University	Motion Estimation using an Event Camera and its Appli cations
SHIMIZU Yuho	Graduate School of Humanities and Sociology, The University of Tokyo	Reducing negative attitudes toward older adults: Focus on the fact that "Everyone will one day become older"
SENJO Hajime	Graduate School of Medicine, Hokkaido University	Calcineurin inhibitors inhibit tolerance induction by sup pressing terminal differentiation of donor exhausted cells after allogeneic stem cell transplantation
TAKADA Shingo	Graduate School of Engineering, The University of Tokyo	Highly efficient spin-charge conversion at a single-crys tal-oxide interface for next-generation spintronic: devices
TSUJI Yurika	Graduate School of Humanities and Sciences, Ochanomizu University	Autistic traits and difficulties of speech perception
NOGAMI Juntaro	School of Materials and Chemical Technology, Tokyo Institute of Technology	Synthesis and properties of unexplored aromatic macro cycles with diverse chiralities
HASHIDA Hiroaki	Graduate School of Information Sciences, Tohoku University	Programmable Radio Propagation Control in Intelligen Reflecting Surface-supported Future Wireless Commu nication Systems
HITSUWARI Jimpei	Graduate School of Education, Kyoto University	Psychological, neural, and physiological mechanisms o the effects of haiku ambiguity on aesthetics
YAGI Tosuke	Graduate School of Core Ethics and Frontier Sciences, Ritsumeikan University	Anthropological Study on the Development of Slun Tourism in Africa
YAMAGISHI Jumpei	Graduate School of Arts and Sciences, The University of Tokyo	Physics and economics for metabolic responses and stability of cells and microbial ecosystems
YOSHIJI Satoshi	Graduate School of Medicine, Kyoto University	Proteogenomic analysis of circulating protein mediator linking obesity with COVID-19 severity

\*Affiliations current as of 1 May 2023





### Program Purpose and Outline

In commemoration of Emperor Showa's 60th year of reign and His Majesty's longstanding research in the field of biology as well as of the many years of research in fish taxonomy (gobies) by the Emperor Emeritus, who has contributed to the development of this Prize, this Prize was established in 1985 with an aim to encourage future progress across the array of biological fields.

#### Number of Award Recipients

One recipient/fiscal year

#### Recipients

Researchers who have achieved outstanding accomplishments in fields of biology and who have made significant contributions to the advancement of global science

#### List of Prize Recipients

	Field of Prize	Name	Affiliation
40th (FY2024)	Systematic Biology and Taxonomy	Dr. Angelika Brandt	Professor, Senckenberg Research Institute and Natural History Museum Frankfurt / Professor, Goethe University Frankfurt
39th (FY2023)	Biology of Genomes	Dr. Richard Durbin	Al Kindi Professor, Department of Genetics, University of Cambridge
38th (FY2022)	Biology of Fishes	Dr. Katsumi Tsukamoto	Professor Emeritus, The University of Tokyo
37th (FY2021)	Biology of Human Evolution	Dr. Timothy Douglas White	Professor of Integrative Biology, The University of California at Berkeley
36th (FY2020)	Biology of Environmental Responses	Dr. Kazuo Shinozaki	Senior Advisor, Center for Sustainable Resource Science (CSRS), RIKEN
35th (FY2019)	Biology of Insects	Dr. Naomi Ellen Pierce	Hessel Professor of Biology, Harvard University
34th (FY2018)	Paleontology	Dr. Andrew Herbert Knoll	Fisher Professor of Natural History, Harvard University
33th (FY2017)	Marine Biology	Dr. Rita Rossi Colwell	Distinguished University Professor, University of Maryland
32th (FY2016)	Biology of Biodiversity	Dr. Stephen Philip Hubbell	Distinguished Professor, University of California, Los Angeles
31th (FY2015)	Cell Biology	Dr. Yoshinori Ohsumi	Honorary Professor, Frontier Research Center, Tokyo Institute of Technology
30th (FY2014)	Systematic Biology and Taxonomy	Prof. Sir Peter Crane FRS	Professor, Yale University



#### Program Purpose and Outline

Established by the Japanese government in 2006 in recognition of the fact that the spread of infectious diseases is a common global threat, this Prize recognizes and honors individuals with outstanding achievements in the fields of medical research and medical services who have worked to combat diseases and to advance public hygiene in Africa, the region facing the most serious health challenge on the globe. The purpose of this program is to contribute to the improvement of the health and well-being of the people of Africa and, by extension, of all humanity.

JSPS has established the Hideyo Noguchi Africa Prize Medical Research Selection Committee for screening candidates for the Prize from among individuals recommended both domestically and internationally and for recommending selectees to the Hideyo Noguchi Africa Prize Committee, established by the government's Cabinet Office.

#### Number of Award Recipients

[Medical Research] A researcher whose achievements align with the Prize's purpose

[Medical Services] An individual or organization(s) whose achievements align with the Prize's purpose

#### Recipients

[Medical Research] Nominations are in principle to be for one individual. In the case of joint research, however, a maximum of three individuals will be considered.

[Medical Services] Nominations are in principle to be one individual or one organization per activity. Under exceptional circumstances, however, when more than one individual or organization work as a team, a maximum of three individuals or organizations will be considered.

#### List of Prize Recipients

	Category	Laureates	Affiliation	Department	Title
		Dr. Salim S. Abdool Karim (Republic of South Africa)	Center for the AIDS Programme of Research in South Africa (CAPRISA)	_	Director
4th (2022)	Medical Research	Dr. Quarraisha Abdool Karim (Republic of South Africa)	Center for the AIDS Programme of Research in South Africa (CAPRISA)	_	Associate Scientific Director
	Medical Services	Guinea Worm Eradication Program (USA)	The Carter Center	_	-
	Medical Research	Ch Dr. Jean-Jacques Muyembe- Tamfum (Democratic Republic of the Congo)	National Institute of Biomedical Research (INRB)	_	General Director
3rd (2019)			University of Kinshasa	Faculty of Medicine	Professor
	Medical Services	Dr. Francis Gervase Omaswa (Republic of Uganda)	African Centre for Global Health and Social Transformation (ACHEST)	_	Executive Director
2nd	Medical Research	Dr. Peter Piot (Belgium)	The London School of Hygiene and Tropical Medicine	_	Director
(2013)	Medical Services	Dr. Alex Godwin Coutinho (Republic of Uganda)	Makerere University	The Infectious Disease Institute	Executive Director
1st (2008)	Medical Research	Dr. Brian Greenwood (UK)	The London School of Hygiene and Tropical Medicine	_	Professor
	Medical Services	Prof. Miriam K. Were (Republic of Kenya)	National AIDS Control Council (NACC)	_	Chairperson

**ISPS** Centers

# JSPS Centers

The activities of various centers established within JSPS's organization both in Japan and overseas support the body of its operations.



https://www.jsps.go.jp/english/e-center/

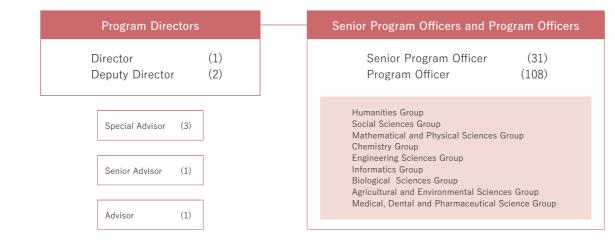
#### **Function and Outline**

As a think tank for promoting scientific research led by frontline researchers, the Center leverages diverse perspectives in analyzing the state of topics such as basic research and human resource development, and provides recommendations and advice for enhancing JSPS's various programs. It also participating in the administration and operation of the selection processes and evaluation procedures of the Grants-in-Aid for Scientific Research, while serving as a bridge between JSPS and the research community at large.

#### Establishment Date

July 2003

#### Organization



#### Program Directors and Advisors

	Director	OHNO Hiroyuki	Deputy Directors	KISHIMOTO Mio
				NISHIDA Eisuke

	Special Advisor	KOBAYASHI Makoto Senior Adv		FUKUDA Hiroo
		SATO Katsuhiko	Senior Advisor	
		KUROKI Toshio	Advisor	OTSUJI Taiichi

#### Senior Program Officers and Program Officers

#### Humanities Group

Position	Name	Affiliation
Senior	MASUDA Chikako	Professor, Faculty of Letters/Graduate School of Letters, Kansai University
Program Officer	NAKAJIMA Keiichi	Professor, Faculty of Letters, Keio University
	KATO Hirofumi	Professor, Center for Ainu and Indigenous Studies, Hokkaido University
	KOIZUMI Masatoshi	Professor, Graduate School of Arts and Letters, Tohoku University
Program	IKEDA Makoto	Professor, Faculty of Humanities, Sophia University
Officer	NAKAYA Tomoki	Professor, Graduate School of Environmental Studies, Tohoku University
	FUKATSU Yuko	Professor, Center for Liberal Arts and Science, Tama Art University
	NAKA Mao	Professor, Graduate School of Humanities, Kobe University

Awards of Recognition

Position	Name	Affiliation
	YOKOYAMA Satoshi	Professor, Graduate School of Environmental Studies, Nagoya University
Program	ISHII Kae	Professor, Faculty of Global and Regional Studies, Doshisha University
Officer	NAGASAKA Itaru	Professor, Graduate School of Humanities and Social Sciences, Hiroshima University
	MATSUO Masahiro	Professor, School of Science, Hokkaido University

#### Social Sciences Group

Position	Name	Affiliation
Senior	SUGIMURA Miki	Professor, Faculty of Human Sciences, Sophia University
Program Officer	KAWAHARA Jun-ichiro	Professor, Graduate School of Humanities and Human Sciences, Hokkaido University
Officer	HAYASHI Masayoshi	Professor, Graduate School of Economics, The University of Tokyo
	SEKIGUCHI Tadashi	Professor, Institute of Economic Research, Kyoto University
	DAKE Sayaka	Professor, Graduate School of Law, Tohoku University
	TAROHMARU Hiroshi	Professor, Graduate School of Letter, Kyoto University
	NAMBU Hatsuyo	Professor, Graduate School of Education and Human Development, Nagoya University
Program	FUJIOKA Rika	Professor, Graduate School of Economics, The University of Tokyo
Officer	SHIMAZU Akihito	Professor, Faculty of Policy Management, Keio University
	SHIMIZU Yoshinori	Professor, Institute of Human Sciences, University of Tsukuba
	HOSHIRO Hiroyuki	Professor, Institute of Social Science, The University of Tokyo
	MIURA Asako	Professor, Graduate School of Human Sciences, Osaka University
	MURAKAMI Akane	Professor, Department of Sociology, Momoyama Gakuin University

#### • Mathematical and Physical Sciences Group

Position	Name	Affiliation
Canian	MIYAZAKI Kunimasa	Professor, Department of Physics, Nagoya University
Senior Program	NAKANO Takashi	Professor, Research Center for Nuclear Physics, Osaka University
Officer	OKA Tomoharu	Professor, Faculty of Science and Technology, Keio University
	ARAKAWA Masahiko	Professor, Graduate School of Science, Kobe University
	OCHIAI Hiroyuki	Professor, Institute of Mathematics for Industry, Kyushu University
	GUNJI Shuichi	Professor, Faculty of Science, Yamagata University
	HIMURA Haruhiko	Professor, Faculty of Electrical Engineering and Electronics, Kyoto Institute of Technology
	ICHIKAWA Atsuko	Professor, Graduate School of Science, Tohoku University
Program Officer	OKA Takashi	Professor, The Institute for Solid State Physics, The University of Tokyo
	NARITA Hiro-aki	Professor, Department of mathematics, Waseda University
	HASEBE Noriko	Professor, Institute of Nature and Environmental Technology, Kanazawa University
	KATAYAMA Ikufumi	Professor, Faculty of Engineering, Yokohama National University
	TANAKA Makiko	Professor, Science and Technology, Tokyo University of Science
	HAGINO Kouichi	Professor, Faculty of Science, Kyoto University

#### Chemistry Group

Position	Name	Affiliation
Carian	NOZAKI Kyoko	Professor, Graduate School of Engineering, The University of Tokyo
Senior Program Officer	NAKAI Hiromi	Professor, Faculty of Science and Engineering, Waseda University
Officer	TANAKA Kentaro	Professor, Graduate School of Science, Nagoya University
	OHKANDA Junko	Professor, Academic Assembly, Institute of Agriculture, Shinshu University
	HAYASHI Takashi	Professor, Graduate School of Engineering, Osaka University
	ABE Jiro	Professor, College of Science and Engineering, Aoyama Gakuin Univeristy
	OOI Takashi	Professor, Institute of Transformative Bio-Molecules (ITbM), Nagoya University
Program Officer	TAKAHASHI Masahide	Professor, Graduate School of Engineering, Osaka Metropolitan University
	ABE Ryu	Professor, Graduate School of Engineering, Kyoto University
	SERIZAWA Takeshi	Professor, School of Materials and Chemical Technology, Institute of Science Tokyo
	TAJIMA Keisuke	Team Leader, Center for Emergent Matter Science (CEMS), RIKEN
	YAMAUCHI Miho	Professor, Institute for Materials Chemistry and Engineering, Kyushu University

#### Engineering Sciences Group

Position	Name	Affiliation
	NAGATA Harunori	Professor, Faculty of Engineering, Hokkaido University
Senior	WATANABE Heiji	Professor, Graduate School of Engineering, Osaka University
Program Officer	KISS Takanobu	Professor, Graduate School and Faculty of Information Science and Electrical Engineering, Kyushu University
	OGUMA Kumiko	Professor, Department of Urban Engineering, The University of Tokyo
	AKIYAMA Mitsuyoshi	Professor, Faculty of Science and Engineering, Waseda University
	ARAI Toyoko	Professor, Faculty of Mathematics and Physics, Institute of Science and Engineering, Kanazawa University
	SHIBASAKI-KITAKAWA Naomi	Professor, Graduate School of Engineering, Tohoku University
	SUEMASU Takashi	Professor, Faculty of Pure and Applied Sciences, University of Tsukuba
	HIRATA Akimasa	Professor, Graduate School of Engineering, Nagoya Institute of Technology
	KURAZUME Ryo	Professor, Faculty of Information Science and Electrical Engineering, Kyushu University
	SUZUKI Tsutomu	Professor, Institute of Systems and Information Engineering, University of Tsukuba
Program Officer	HIRYU Shizuko	Professor, Faculty of Life and Medical Sciences, Doshisha University
	YASUI Takeshi	Professor, Institute of Post-LED Photonics, Tokushima University
	YAMANISHI Yoko	Professor, Faculty of Engineering, Kyushu University
	IGA Yuka	Professor, Institute of Fluid Science, Tohoku University
	OHNO Munekazu	Professor, Faculty of Engineering, Hokkaido University
	SHINSHI Tadahiko	Professor, Institute of Innovative Research, Institute of Science Tokyo
	SEKIGUCHI Koji	Professor, Faculty of engineering, Yokohama National University
	TAGO Teruoki	Professor, School of Materials and Chemical Technology, Institute of Science Tokyo
	TANIGUCHI Ayako	Professor, Systems and Information Engineering, University of Tsukuba

Fostering Next Generation of Researchers

#### Informatics Group

Position	Name	Affiliation
o .	SAKURAI Yasushi	Professor, The Institute of Scientific and Industrial Research, Osaka University
Senior Program	MATSUMOTO Kenichi	Professor, Graduate School of Science and Technology, Nara Institute of Science and Technology
Officer	YOSHIMURA Natsue	Professor, School of Computing, Institute of Science Tokyo
	ONO Nobutaka	Professor, Faculty of System Design, Tokyo Metropolitan University
	SAITO Hideo	Professor, Faculty of Science and Technology, Keio University
	TODE Hideki	Professor, Graduate School of Informatics, Osaka Metropolitan University
Program	TAKEFUSA Atsuko	Professor, Information Systems Architecture Sciences Research Division, National Institute of Informatics
Officer	HASHIMOTO Koichi	Professor, Graduate School of Information Sciences, Tohoku University
	INOUE Koji	Professor, Faculty of Information Science and Electrical Engineering, Kyushu University
	SAKURAI Yuko	Professor, Graduate School of Engineering, Nagoya Institute of Technology
	NAKANO Yukiko	Professor, Department of Science and Technology, Seikei University

#### Biological Sciences Group

Position	Name	Affiliation	
Senior Program Officer	KIMURA Hiroshi	Professor, Institute of Integrated Research, Institute of Science Tokyo	
	OHSUGI Miho	Professor, Graduate School of Science, The University of Tokyo	
	SATAKE Akiko	Professor, Faculty of Science, Kyushu University	
	UEDA Takashi	Professor, National Institute for Basic Biology	
	AKIYAMA Shuji	YAMA Shuji Professor, National Institutes of Natural Sciences	
	KIMURA Yoko Professor, Graduate School of Integrated Science and Technology, Shizuoka University		
Program	NAKASHIMA Kinichi	Professor, Graduate School of Medical Sciences, Kyushu University	
Program Officer	KONO Reiko	Professor, Faculty of Letters, Keio University	
	SATTA Youko	Professor, The Research Center for Integrative Evolutionary Science, The Graduate University for Advanced Studies	
	NIWA Ryusuke	Professor, Life Science Center for Survival Dynamics, TARA, University of Tsukuba	
	BANNAI Hiroko	Professor, Faculty of Science and Engineering, Waseda University	

#### • Agricultural and Environmental Sciences Group

Position	Name	Affiliation	
	IWATA Hisato	Professor, Center for Marine Environmental Studies, Ehime University	
Carian	FUNAKAWA Shinya	Professor, Graduate School of Global Environmental Studies, Kyoto University	
Senior Program	YAMAHIRA Kazunori	Professor, Tropical Biosphere Research Center, University of the Ryukyus	
Officer	WATANABE Masao	Professor, Graduate School of Life Sciences, Tohoku University	
	KAGAMI Maiko	Professor, Department of Environment and Information Sciences, Yokohama National University	
	KURODA Seiichiro	Senior Principal Scientist, Institute for Rural Engineering, National Agriculture and Food Research Organization	
	SATOU Noriko	Professor, Graduate School of Agriculture, Kyushu University	
Program	SHIMADA Masayuki	Professor, Graduate School of Integrated Sciences for Life, Hiroshima University	
Officer	TAKASUKA Akinori	Professor, Graduate School of Agricultural and Life Sciences, The University of Tokyo	
	OHASHI Mizue	Professor, School of Human Science and Environment, University of Hyogo	
	SAKAKURA Yoshitaka	Professor, Institute of Integrated Science and Technology, Nagasaki University	

Position	Name	Affiliation	
	SAKURAI Seiichi	Professor, Graduate School of Horticulture, Chiba University	
	SHIBATA Mitsue	Chief, Department of Forest Vegetation, Forestry and Forest Products Research Institute	
	TAKANO Yoshitaka	Professor, Graduate School of Agriculture, Kyoto University	
	NISHIYAMA Chiharu	Professor, Faculty of Advanced Engineering, Tokyo University of Science	
Program Officer	KATO Hirotomo	Professor, Faculty of Medicine, Jichi Medical University	
	KIMURA Katsuki	Professor, Divison of Environmental Engineering, Hokkaido University	
	SUGAYA Sumiko	Professor, Institute of Life and Environmental Sciences, University of Tsukuba	
	TAKAYA Naoki	Professor, Institute of Life and Environmental Sciences, Univiersity of Tsukuba	
	TANI Akira	Professor, School of food and nutritional sciences, University of Shizuoka	

#### Medical, Dental and Pharmaceutical Science Group

Position	Name	Affiliation		
Senior Program Officer	OISHI Yumiko	Professor, Graduate School of Medicine and Dental Sciences, Institute of Science Tokyo		
	AOKI Yoko	Professor, Graduate School of Medicine, Tohoku University		
	NAKAJIMA Hiroshi	Professor, Graduate School of Medicine, Chiba University		
	ODA Tatsuya	Professor, Clinical Medicine, GI & HBP Surgery, University of Tsukuba		
	MIYATA Takaki	Professor, Graduate School of Medicine, Nagoya University		
	IGARASHI Kazuhiko	Professor, Graduate School of Medicine, Tohoku University		
	OTAKA Akira	Professor, Graduate School of Biomedical Sciences (Pharmacy), Tokushima University		
	OHTSUKA Toshihisa	Professor, Graduate School of Medicine, University of Yamanashi		
	SHUKUNAMI Chisa	Professor, Graduate School of Medical Sciences, Hiroshima University		
	NISHIDA Kohji	Professor, Graduate School of Medicine, Osaka University		
	FUJISHIRO Mitsuhiro	Professor, Graduate School of Medicine, The University of Tokyo		
	MORI Yasuko	Professor, Graduate School of Medicine, Kobe University		
	MORO Kazuyo	Professor, Graduate School of Medicine, Osaka University		
	KAKITA Akiyoshi	Professor, Brain Research Institute, Niigata University		
	KUDO Kohsuke	Professor, Faculty of Medicine, Hokkaido University		
Program Officer	KONO Ayumi	Professor, School of Nursing, Dept. of Community-based Integrated Care Science, Osaka Metropolitan University		
Officer	SAKATA-YANAGIMOTO Mamiko	Professor, Faculty of Medicine, University of Tsukuba		
	TAMAKOSHI Akiko	Professor, Faculty of Medicine, Hokkaido University		
	NAKAJIMA Miki	Professor, Nano Life Science Institute, Kanazawa University		
	ISHIKAWA Takuji	Professor, Graduate School of Biomedical Engineering, Tohoku University		
	ISHIMARU Naozumi	Professor, Graduate School of Medicine and Dental Sciences, Institute of Science Tokyo		
	ISOBE Noriko	Professor, Department of Neurology, Graduate School of Medical Sciences, Kyushu University		
	OKADA Seiji	Professor, Dept. of Orthopaedic Surgery, Osaka University		
	KIYOKAWA Etsuko	Professor, Pathology, Kanazawa Medical University		
	KUBA Hiroshi	Professor, Graduate School of Medicine, Nagoya University		
	TANIGUCHI Koji	Professor, Department of Pathology, Faculty of Medicine and Graduate School of Medicine, Hokkaido University		





#### Function and Outline

Towards strengthening collaborative relations between Japan and various countries and regions of the world, JSPS has established ten overseas liaison offices in nine countries. They carry out the following activities:

- Collaborating with overseas science-promotion institutions, including those with which JSPS has signed cooperation agreements
- Organizing symposiums, colloquiums, and other events in collaboration with overseas scientific institutions
- Cooperating with Japanese universities and supporting their overseas activities
- Building and supporting networks connecting JSPS program alumni, including past fellowship recipients
- Disseminating scientific information from Japan and collecting information on overseas scientific trends, university reforms, and other science-related matters

#### JSPS Overseas Offices and JSPS Science Advisor

Ten offices and one advisor

	Establishment Year
JSPS Washington Office	1990
JSPS San Francisco Office	2003
JSPS Bonn Office	1991
JSPS London Office	1994
JSPS Stockholm Office	2001
JSPS Strasbourg Office	2001
JSPS Bangkok Office	1989
JSPS Beijing Office	2007
JSPS Cairo Research Station	1984
JSPS Nairobi Research Station	1965
JSPS Science Advisor in São Paulo	2015

#### JSPS Alumni Associations

#### Twenty associations with a total of over 7,000 members

	Establishment Year		Establishment Year
Germany	1995	Finland	2009
France	2003	Thailand	2010
UK&Ireland	2004	China	2010
US&Canada	2004	Philippines	2013
Sweden	2005	Nepal	2015
India	2006	Denmark	2015
Egypt	2008	Indonesia	2016
Eastern Africa*	2008	Australia	2017
Republic of Korea	2008	Norway	2019
Bangladesh	2009	Malaysia	2019

\* The Eastern African alumni association includes Burundi, Ethiopia, Kenya, Rwanda, Tanzania, Uganda and Zambia.

### Center for Science Information Analysis (CSIA)



https://www.jsps.go.jp/english/e-csia/

#### Function and Outline

As an institutional research department of JSPS, the Center for Science Information Analysis (CSIA) conducts surveys and studies towards the improvement and advancement of JSPS programs while cross-sectionally using the information on the programs and comprehensively assessing/analyzing their trends and outcomes in a long-term perspective.

Senior Researchers assess the survey and analysis relating to the themes of their expertise, and provide advice on the survey analysis conducted concerning the JSPS programs. Under their guidance, researchers are responsible for carrying out survey analysis related to the subject themes as well as administrative works in research analysis of, such as, the trends of programs. CSIA forwards these results of survey and analysis to JSPS programs, offers proposals and works for disseminating information widely in cooperation with the Public Relations Office.

#### Establishment Date

April 2018

#### Senior Researcher

	Name	Affiliation
Director	_	-
Senior Researcher (deputy director)	NUMAO Masayuki	Professor, Kyoto Tachibana University
Senior Researcher	SHIRABE Masashi	Professor, Institute of Science Tokyo
Senior Researcher	MOCHIHASHI Daichi	Professor, The Institute of Statistical Mathematics
Senior Researcher	ENDO Satoru	-

Support for Research Initiatives

# 8 Others

Related data compiled in various tables, graphs, and charts

### History

#### Items in blue are ongoing programs, etc.

Year	Organization	Support for Research Initiatives	Fostering Next Generation of Researchers
1932	Approved to be established as a foundation, Japan Society for the Promotion of Science		
1933			
1950			
1953			
1959			Launch of the JSPS fellowship program for young Japanese scientists (Shorei Kenkyusei)
1960			
1963			
1965	Opening of the JSPS Research Station, Nairobi		
1967	<ul> <li>Established as a quasi-governmental organization, Japan Society for the Pro- motion of Science</li> </ul>		
1968			Renaming JSPS fellowship program for young Japanese scientists (Shorei Kenkyusei) to JSPS fellowship program for young Japanese scientists (Shorei Kenkyuin)
1971			
1973			
1974			
1976			
1978			
1982			Launch of the Overseas research Fellowships for Young Scientists
1984	Opening of the JSPS Cairo Research Station		
1985			Launch of the Research Fellowships for Young Scientists Launch of the Japan-China Medical Exchange Program
1988			
1989	Opening of the JSPS Bangkok Office		
1990	Opening of the JSPS Washington Office		
1991	Opening of the JSPS Bonn Office		
1993			
1994	Opening of the JSPS London Office		
1995	Opening of the JSPS Fellows Plaza		
1996	Law of The Japan Society for the Promotion of Science revised	Launch of the JSPS research for the Future Program	
1997			
1998			
1999	Law of The Japan Society for the Promotion of Science revised	Partial transfer of Jurisdiction over Grants-in- Aid for Scientific Research	
2000			
2001	Opening of the JSPS Stockholm Office Opening of the JSPS Strasbourg Office		
2002	showing or the sol o organous ounce		Launch of the Postdoctoral Fellows (SPD)
2003	Opening of the JSPS San Francisco Office Opening of the Research Center for Science Systems Established as an incorporated administra- tive agency, JSPS		

Fostering Next Generation of Researchers

International Academic Collaborations	Enhancing the Education and Research Functions of Universities	Others	Year
			1932
		Launch of the University-Industry Research Cooperation Program	1933
		Launch of Publications of scientific books	1950
		UNESCO Coupon handling service launches	1953
			1959
Launch of the International Fellowships for Research in Japan			1960
Launch of the US-Japan Cooperative Science Program Launch of the Bilateral Programs		Establishment of the Prince Chichibu Memorial Prize for Science	1963
			1965
			1967
			1968
Launch of the Cooperative programs with England			1971
Launch of the Cooperative programs with Germany Launch of the International Centre of Insect Physiology and Ecology (ICIPE)			1973
Launch of the Cooperative programs with France			1974
Launch of the Cooperative programs with Southeast Asian countries		Launch of the Kaya Conferences	1976
Launch of the JSPS RONPAKU (Dissertation PhD) Program Launch of the Core University Program		Launch of the Projects related to the application and enforcement of government- owned patents	1978
		Launch of the University-Industry Research Cooperation Societally Applied Scientific Linkage and Collaboration	1982
		-	1984
		Establishment of the International Prize for Biology	1985
Launch of the Postdoctoral Fellowships for Research in Japan			1988
			1989
			1990
Launch of the Japan-Korea Basic Scientific Cooperation Program			1991
Launch of the Japan-India Cooperative Sci- ence Program			1993
Launch of the Inter-Research Centers Coop- erative Program			1994
			1995
			1996
Launch of the Japan-Europe Research Coop- erative Program			1997
Launch of the Japan-Australia Research Cooperative Program			1998
		Launch of the FUREAL Science Program	1999
Launch of the JSPS Award for Eminent Sci- entists			2000
Launch of the Frontiers of Science (FoS) Symposium			2001
<ul> <li>Management</li> </ul>	Launch of the 21st Century COE (center of excellence)Program		2002
Launch of the JSPS Core-to-Core Program Launch of the JSPS Postdoctoral Fellowships for Research in Japan (Summer Program)	successford and a second se	Launch of the New Research Initiatives for Humanities and Social Sciences	2003

Year	Organization	Support for Research Initiatives	Fostering Next Generation of Researchers
2004			
2005			
2006		Creation of the Grant-in-Aid for Research Activity Start-up	Launch of the Research Fellowships for Youn Scientists (RPD)
2007	Opening of the JSPS Beijing Office	Creation of the Grant-in-Aid for Early-Career Scientists	Launch of the JSPS International Training Program (ITP)
2008		Creation of the Grant-in-Aid for Scientific Research on Innovative Areas	
2009	Law of The Japan Society for the Promotion of Science revised	Launch of the Funding Program for World- Leading Innovative R&D on Science and Technology	Launch of the International Research Experience for Students and Young Researchers Launch of the Human Resource Developmen Project for Cutting-Edge Scientific Research
2010		Launch of the Funding Program for Next Generation World-Leading Reseachers (NEXT Program) Launch of the Leading-edge Research Infra- structure Program	Launch of the Strategic Young Researcher Ove seas Visits Program for Accelerating Brain Circu lation
2011	Law of The Japan Society for the Promotion of Science revised	Establishment of the Scientific Research Grant Fund (Partial transfer of KAKENHI to a multi-year fund system)	Launch of the Strategic Young Researcher Ove seas Visits Program for Accelerating Brain Circu lation
2012	80th Anniversary of the Foundation of the Japan Society for the Promotion of Science		
2013	Opening of the Center for Global Science Information (CGSI) 10th Anniversary of the Research Center for Science Systems	Launch of the Topic-Setting Program to Advance Cutting-Edge Humanities and Social Sciences Research	
2014			Launch of the Strategic Young Researcher Ove seas Visits Program for Accelerating Brain Circu lation
2015	Opening of the JSPS Science Advisor in Sao Paulo	Establishment of the Fund for the Promotion of Joint International Research	
2016		Creation of the Grant-in-Aid for Challenging Research (Pioneering)/(Exploratory)	Launch of the Leading Initiative for Excelle Young Reserchers (LEADER) Launch of the Overseas Research Fellowships
2017	Opening of the Center for World Premier International Research Center Initiative (WPI Program Center)		Launch of the Overseas Challenge Program f Young Researchers
2018	Opening of the Center for Constructiong Data Infrastracture for the Humanities and Social Sciences Opening of the Center for Science Informa- tion Analysis (CSIA)	Launch of the Program for Constructing Data Infrastructure for the Humanities and Social Sciences	
2019		Creation of the Grant-in-Aid for Transformative Research Areas $(A)/(B)$	Launch of the Cross-border Postdoctoral Fellov ship
2020			
2021		Creation of the Grants-in-Aid for Scientific Research: International Leading Research	
2022			
2023	Research Center for Science Systems 20th Anniversary	Launch of the Program for Strengthening Data Infrastructure for the Humanities and Social Sciences	Launch of the Program for Supporting the Employment of Young Researchers to Impro the Research Environment
2024			

Awards of RecognitionStrengthening Linkage<br/>with SocietyEnhancing the Education<br/>and Research FunctionsInternational Academic<br/>CollaborationsFostering Next Generation<br/>Support for Research<br/>Initiatives

**JSPS** Centers

International Academic Collaborations	Enhancing the Education and Research Functions of Universities	Others	Year
		Launch of the Science Dialogue Establishment of the JSPS PRIZE	2004
Launch of the A3 Foresight Program Launch of the Strategic Fund for Establishing International Headquarters in Universities Launch of the Asian CORE Program Launch of the AA Science Platform Program Launch of the Japanese-German Graduate Externship -International Research Training Groups-	Launch of the Initiatives for Attractive Educa- tion in Graduate Schools	Launch of the HIRAMEKI☆TOKIMEKI SCI- ENCE (Welcome to a University Research Lab -Science That Inspires and Inspirits)	2005
Launch of the Strategic Program for Building an Asian Science and Technology Community			2006
	Launch of the Global COE Program Launch of the Program for Enhancing System- atic Education in Graduate Schools Launch of the World Premier International Research Center Initiative (WPI)		2007
Launch of the HOPE Meetings	Launch of the Program for Promoting High- Quality University Education	Launch of the Program for Area Studies Based on Needs of Society Launch of the Program for Promoting Social Science Research Aimed at Solutions of Near-Future Problems	2008
Launch of the JSPS Bottom-Up International Joint Research Program Launch of the Young Researcher Support for Attending Lindau Nobel Laureate Meetings Launch of the BRIDGE Fellowship Program	Launch of the Program for Promoting Univer- sity Education Launch of the Project for Establishing Univer- sity Network for Internationalization (Global 30)	Launch of the Program for Promoting Meth- odological Innovation in Humanities and Social Sciences by Cross Disciplinary Fusing	2009
Launch of the Japan Studies Based on Inter- national Collaboration Launch of the International Joint Research Program		Establishment of the JSPS <i>Ikushi</i> Prize Launch of the Nobel Prize 110th Anniversary Project	2010
	Launch of the Program for Leading Graduate Schools Launch of the Inter-University Exchange Proj- ect	Launch of the Program for Publishing Note- worthy Contributions to Science and Technol- ogy	2011
Launch of the Core-to-Core Program	Launch of the Grants for Excellent Graduate Schools Launch of the Project for Promotion of Global Human Resource Development	Launch of the Social Scientific Survey of Great East Japan Earthquake	2012
Launch of the JSPS Postdoctoral Fellowships for Research in Japan (Pathway to University Positions in Japan, Strategic Program)			2013
	Launch of the Acceleration Program for Univer- sity Education Rebuilding (AP) Launch of the Top Global University Project		2014
Launch of the Nobel Prize Dialogue	Launch of the Program for Promoting Regional Revitalization by Universities as Centers of Community (COC+Program)		2015
			2016
			2017
	Launch of the WISE Program (Doctoral Pro- gram for World-leading Innovative & Smart Education)		2018
			2019
	Launch of the Human Resource Development Project for Supporting Knouledge-Based Society		2020
			2021
	Launch of the Supereminent Program for Acti- vating Regional Collaboration ~SPARC~ Launch of the Project for Designing Graduate Programs Emphasizing Digital Literacy across Diverse Fields; X Program Launch of the Producing Professional Human Resources in Growth Fields – Recurrent Educa- tion Promotion Project Launch of the Program for Forming Japan's Peak Research Universities (J-PEAKS)		2022
	Launch of the Project for the Establishment of Networked Graduate Schools in the Humani- ties and Social Sciences		2023
	Launch of the Multicultural Campus Project Toward Social Impact Launch of the Open Access Acceleration Project		2024

## Map of JSPS Overseas Offices and Counterpart Institutions

Netherlands (NWO) JSPS Strasbourg Office JSPS Stockholm Office JSPS Bonn Office Denmark (DU) JSPS TOKYO Norway (RCN) Belgium — (F.R.S.-FNRS, FWO) Sweden (Nobel Prize Outreach AB, KVA, STINT, SSF, VINNOVA) Germany (AvH, Council for the Lindau Nobel Laureate Meetings, DAAD, DFG) JSPS London Office Finland (RCF) United Kingdom (British Academy, Estonia (ETAG) JSPS Beijing Office Lithuania (RCL) Royal Society, Poland (PAN) ESRC, UKRI) Czech Republic (CAS) Europe Austria (ERC) (OeAD-GmbH, FWF, BMWF) France (ANR, MEAE-MESR, Ukraine (NAS) CNRS, Inserm) Slovakia (SAS) China Italy (CAS, CASS, MOE, NSFC) Hungary (MTA) (MUR, CNR) Republic of Korea Spain India (DST, ICHR, ICSSR) Romania (MEN) (NRF) (CSIC) Bangladesh (UGC, BAS) Tunisia Türkiye (TÜBITAK) UN (UNU) Viet Nam Switzerland (MHESR) (MOST, VAST) (ETHZ, SNSF) Bulgaria (MES, BNSF) . Taiwan Egypt (MHESR, STDF) • (Academia Sinica) Israel Myanmar (Ministry of Innovation, Science and Technology, ISF) Thailand (NRCT) (Ministry of • Philippines Senegal
 (Ministry of Higher Education, Education) Slovenia (MESI) (DOST) Research and Innovation) Malaysia (VCC) JSPS Nairobi Singapore (NUS) **Research Station** Indonesia (DGHERT, LIPI, BRIN) Kenya (NACOSTI) JSPS Bangkok Office South Africa (NRF) JSPS Cairo Research Station Australia (AAS, ARC)



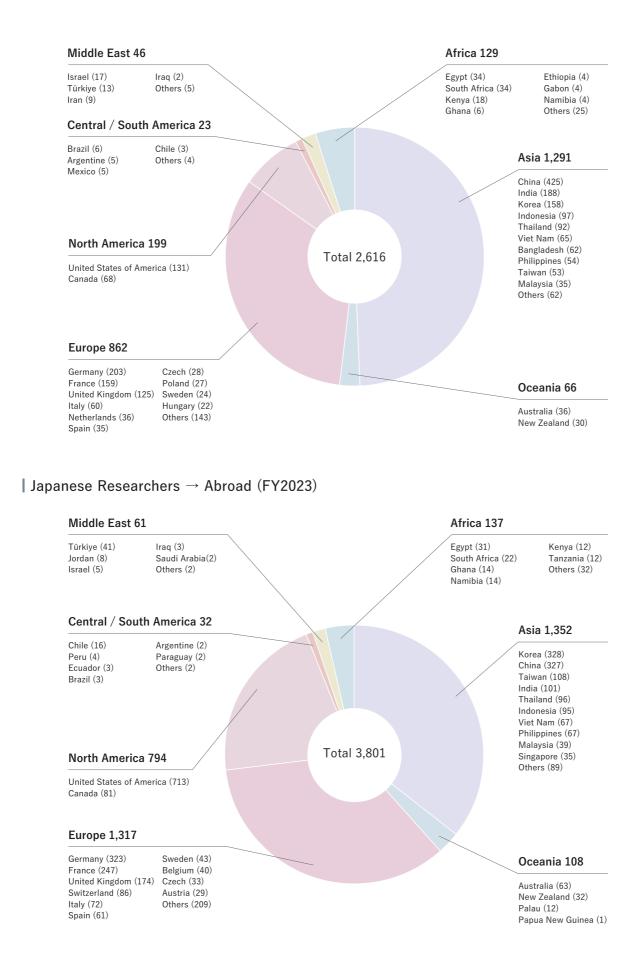
# Number of Researchers Exchanged

	Program				Forei	gn Res	earche	rs Invit	ed to .	lapan								J	apanes				Abroa	d				
			Invita	tional	Fellow	ships		Pos	tdocto	oral		ral/ Mi			Total			versea			esearc wship			ilateral			Total	
		Sh	nort-ter	m	Lo	ong-ter	m	Fel	lowsh	ips		l and O Program						esearc Iowshi			g Scier CPD			ilateral r Progr				
-	n / Country 📃 🖓 FY		2022			2022		2021		2023	2021			2021				2022			2022	2023				2021		-
tal		18	271	153	38	113	79			1,028		1,275			2,802		396	408		27	40	47		2,463		679		3
	India Indonesia	0	27	11	3	10	7	53 11	78 16	90 23	9		80 72	65 17	210 91	188 97	0	0	0	0	0	0	0	120 80	101 95	0	120 80	+
	Korea	1	5	4	0	5	1	22	18	14	0		139	23	200	158	0	0	0	0	0	0	4	155	328	4	155	+
	Canbodia	0	0	0	0	0	0	1	1	1	0		6	1	7	7	1	0	0	0	0	0	0	13	13	1	13	÷
	Singapore	0	2	2	0	0	0	2	0	1	22	16	11	24	18	14	5	3	3	0	0	0	31	22	32	36	25	t
	Sri Lanka	0	4	0	0	0	0	0	4	6	0	2	2	0	10	8	0	0	0	0	0	0	0	3	2	0	3	T
	Thailand	1	4	0	0	0	2	5	6	5	2	46	85	8	56	92	0	0	0	0	0	1	5	70	95	5	70	
	China	1	14	14	3	6	6	175	224	197	0	79	208	179	323	425	0	0	1	1	1	1	4	34	325	5	35	1
3	Nepal	0	0	0	0	0	0	2	4	3	0	7	9	2	11	12	0	0	0	0	0	1	0	3	11	0	3	+
101	Pakistan	0	2	0	0	3	1	7	9	5	0	-	17	7	14	7	0	0	0	0	0	0	0	0	2	0	0	+
	Bangladesh	0	3	5	0	7	7	28 5	33	33	1		17 50	29 5	70 37	62 54	0	0	0	0	0	0	0	10	19	0	10	+
	Philippines Bhutan	0	0	0	0	0	0	0	0	4	0	-	0	0	1	0	0	0	0	0	0	0	4	46	67 0	0	46	+
	Viet Nam	0	1	0	1	1	0	8	9	11	1		54	10	32	65	0	0	0	0	0	0	2	52	67	2	52	+
	Malaysia	0	3	3	0	0	0	6	7	11	27	19	21	33	29	35	0	0	0	0	0	0	16	19	39	16	19	+
	Myanmar	1	0	0	1	1	0	0	2	4	0		0	2	8	4	0	0	0	0	0	0	0	0	1	0	0	+
	Mongolia	0	3	0	0	1	0	2	1	1	0	20	6	2	25	7	0	0	0	0	0	0	0	52	32	0	52	Ĵ
	Lao	0	0	0	0	0	0	0	0	0	3	1	3	3	1	3	0	0	0	0	0	0	3	3	8	3	3	
	Taiwan	0	5	2	0	1	0	19	29	29	0	20	22	19	55	53	1	0	1	0	0	0	0	29	107	1	29	ſ
3	Australia	0	11	1	1	5	3	21	17	18	0		14	22	42	36	3	7	9	0	0	1	1	42	53	4	49	+
	New Zealand	1	2	0	0	1	0	6	8	8	0		22	7	32	30	0	1	1	0	0	0	1	24	31	1	25	+
5	Papua New Guinea	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	12	0	0	+
	Palau Iceland	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	+
	Ireland	0	0	0	0	0	0	6	4	1	0	0	3	6	4	4	1	1	1	0	0	0	1	0	10	2	1	t
	Italy	1	16	7	1	2	2	34	52	40	0		11	36	75	60	6	4	4	0	0	0	5	46	68	11	50	t
	Ukraine	0	0	0	1	1	1	3	4	3	0	0	0	4	5	4	0	0	0	0	0	0	0	0	0	0	0	+
	Uzbekistan	0	1	0	0	1	0	0	0	0	0	4	3	0	6	3	0	0	0	0	0	0	0	6	5	0	6	Î
	United Kingdom	1	16	15	1	2	3	21	82	68	0	43	39	23	143	125	39	47	45	1	2	1	13	162	128	53	211	Ī
	Estonia	0	0	0	0	0	0	1	2	2	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	
	Austria	0	2	0	1	0	0	3	5	0	0	19	9	4	26	9	7	10	7	1	1	2	2	23	20	10	34	1
	Netherlands	0	7	1	0	0	0	2	4	11	0		24	2	28	36	6	7	6	4	5	4	6	47	17	16	59	+
	Kazakhstan	0	0	0	0	0	1	0	1	1	1	4	2	1	5	4	0	0	0	0	0	0	0	4	3	0	4	+
	Greece	1	2	0	0	0	0	2	6	3	0	1	1	3	9	4	0	0	0	0	0	0	0	7	4	0	7	$\frac{1}{2}$
	Kyrgyz Croatia	0	1	0	0	0	0	0	0	0	0		1	0	1	4	0	0	0	0	0	0	0	3	5	0	3	t
	Georgia	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	+
	Switzerland	0	2	3	0	0	0	3	6	3	1	4	13	4	12	19	11	6	6	1	1	1	12	33	79	24	40	t
	Sweden	0	3	4	0	1	1	5	22	16	0	14	3	5	40	24	8	5	6	0	0	0	3	30	37	11	35	Î
	Spain	1	5	3	1	3	2	20	29	21	0	1	9	22	38	35	5	7	4	1	1	1	3	28	56	9	36	
	Slovakia	0	1	1	0	0	0	1	1	2	0	1	0	1	3	3	0	0	0	0	0	0	0	0	5	0	0	
	Slovenia	0	0	0	0	0	0	3	3	3			9	3	27	12	0	0	1	0	0		0	43	22	0	43	t
	Serbia	0	0	0	0	1	0	0	1	0			0	0	2	0	0	0	0	0	0		0	0	0	0	0	+
	Tajikistan	0	0	0	0	0	0	0	0	0	0		1 22	0	0 29	1	0	0	0	0	0	0	0	0 17	0 33	0	0	+
L	Czech Republic Denmark	0	2	1	0	0	1	1	4	2	2		22	3	6	28 6	3	2	2	1	1	1	1	7	15	6 5	10	+
	Germany	1	16	5	2	9	4	39	100	79	0		115	42	202	203	29	31	34	5	5	4	26	251	285	60	287	+
	Turkmenistan	0	0	0	0	0	0	0	0	1	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	+
	Norway	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	2	13	23	2	13	Ì
	Hungary	0	1	1	0	0	1	6	7	8	0	13	12	6	21	22	0	1	1	0	0	0	1	13	8	1	14	Ī
	Finland	0	2	0	0	0	0	3	4	5	0	3	7	3	9	12	0	1	2	0	0	0	4	22	9	4	23	I
	France	0	16	12	3	9	6	51	114	97	3	107	44	57	246	159	21	23	15	2	3	4	31	174	228	54	200	
	Bulgaria	0	1	0	0	0	0	4	5	2	0		0	4	6	2	0	0	0	0	0	0	0	0	0	0	0	+
	Republic of Belarus	0	0	0	0	0	0	0	0	1	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	+
	Belgium	1	5	2	0	0	0	2	5	5			8	3	33	15	1	2	0	0	0	0	1	52	40	2	54	ł
	Poland Bosnia and Herze-	0	2	0		1	0	7	9				20	7	17	27	0	0	0	0	0		0	16	18	0	16	t
	govina and Herze-	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	J
	Portugal	0	1	3	0	0	0	4	6	8	0	0	0	4	7	11	0	2	3	0	0	0	1	1	5	1	3	Î
	Malta	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	ļ
	Moldova	0	0	1	0	0	0	0	0	0			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	+
	Latvia	0		0	0	0	0	1	1	1	0		0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	+
	Lithuania	0	0	0	0	0	0	1	3		0		2	1	10	3	0	0	0	0	0	1	0	3	10	0	3	+
	Romania	0	0	1	0	1	1	1	2	3	0		4	1	4	9	0	0	0	0	0	0	0	1	20	0	1	+
	Luxembourg Russia	0	0	0	0	0	0	1	0	0		-	0	1	0 30	0	0	0	0	0	0	0	0	5 17	0	0	5 17	+

Othe

	Program				Forei	gn Res	earche	ers I <u>nvit</u>	ed <u>to j</u>	lapan_								L	apanes	se R <u>ese</u>	archer	s S <u>ent</u>	Ab <u>roa</u>	d				
			Invita	ational	_	-					Bilate	ral/ Mu	ıltilat-		Total		0	versea		R	esearcl	h		Bilatera	I/		Total	
		Sh	ort-tei	rm	Lo	ong-ter	m		stdocto Ilowshi			and Of rogram						esearc llowsh			wships g Scien CPD			tilatera er Prog				
Regio	n / Country FY	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021		2023	2021	2022	2023	2021	2022	2023
Total		18	271	153	38	113	79	714	1,143	1,028	85	1,275	1,356	855	2,802	2,616	396	408	402	27	40	47	256	2,463	3,352	679	2,911	3,801
rth erica	Canada	1	16	12	4	6	3	20	49	41	0	39	12	25	110	68	15	20	19	0	0	1	6	54	61	21	74	81
North America	United States of America	3	40	31	5	15	14	25	65	50	0	44	36	33	164	131	233	223	228	10	19	22	52	373	463	295	615	713
	Argentine Republic	0	5	2	0	2	3	0	0	0	0	3	0	0	10	5	0	0	0	0	0	0	0	0	2	0	0	2
	Uruguay	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ica	Ecuador	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0		0	0	0	0	0	0		3	0	3	3
Amer	Guatemala Costa Rica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
South America	Colombia	0	0	0	0	0	0	2	3	1	0	0	0	2	3	1	0	0	0	0	0	0	0		1	0	4	1
al / Si	Chile	0	0	0	0	0	0	1	1	1	0	0	2	1	1	3	0	0	0	0	0	0	0		16	0	7	16
Central /	Republic of Paraguay	0	0	0	1	1	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	1	2	0	1	2
0	Brazil	0	5	1	0	0	0	6	3	3	1	4	2	7	12	6	0	0	0	0	0	0	0	13	3	0	13	3
	Peru	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3	4	0	3	4
	Mexico Afghanistan	0	1	0	0	0	0	2	3	5	0	0	0	2	4	5	0	1	1	0	0	0	0	4	0	0	5	1
	United Arab Emirates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	0	0	0	0	0		1	0	1	1
	Yemen	0	0	0	0	0	0	2	1	1	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Israel	0	5	0	0	1	0	0	1	1	0	16	16	0	23	17	0	0	1	0	0	0	0	33	4	0	33	5
	Iraq	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2		0	0	0	0	0	0		3	0	4	3
	Iran	2	1	0	0	2	0	7	8	9	0	0	0	9	11	9	0	0	0	0	0	0	0	2	1	0	2	1
East	Oman Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	2	0
Middle	Kingdom of Saudi	1																										
Σ	Arabia		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8	2	0	8	2
	Syrian Arab Republic	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0		0	0	0	0
	Turkey Bahrain	0	2	2	1	1	0	1	1	3	0	10 0	8	2	14 0	13	0	0	0	0	0	0	2	14	41	2	14 0	41
	Jordan	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0		0	0	0	0	0	0		8	0	0	8
	Lebanon	0	1	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Palestine	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Algeria	0	1	0	0	0	0	0	0	1	0	3	0	0	4	1	0	0	0	0	0	0	0		9	0	0	9
	Uganda Egypt	0	0	0	0	0	0	2 18	0 21	0 17	0	1	0	2	1 32	0 34	0	0	0	0	0	0	0	7	5 31	0	7	5 31
	Ethiopia	0	0	0	0	0	1	10	1	2	1	1	14	2	2	4	0	0	0	0	0	0	0	0	2	0	0	2
	Ghana	0	0	0	0	0	0	2	2	1	0	1	5	2	3	6	0	0	0	0	0	0	0	6	14	0	6	14
	Gabon	0	0	0	0	0	0	0	0	0	0	1	4	0	1	4	0	0	0	0	0	0	0	9	5	0	9	5
	Cameroon	0	0	0	1	1	1	0	0	2	1	0	0	2	1	3	0	0	0	0	0	0	0	2	2	0	2	2
	Gambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0		0	0	1	1
	Kenya Democratic Republic	0			0		0				0		12		14	18	-	1	0	0			1	25	11	2	26	12
	of the Congo	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Zambia	0	0	0	0		0		0	0		1	3			3			0	0	0	0			3		3	3
	Sierra Leone Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		0	0	0	0	0	0		0	0	0	0
	Sudan	0	0	0	0		0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0			0	0	1	0
g	Senegal	0	0	0	0		0	0	0	0		2	3	0	2	3		0	0	0	0	0			2	1	1	2
Africa	United Republic of	0	0	0	0	0	0	0	0	0	1	5	3	1	5	3	0	0	0	0	0	0	3	9	12	3	9	12
	Tanzania Tunisia	0	0	0	0		1	0	0	0	0	0	0			1	0	0	0	0	0	0			0		0	0
	Togo	0	0	0	0	0	0		1	1	0	0	0	0	1	1		0	0	0	0	0			0	0	0	0
	Nigeria	0	0	1	1	2	0	2	2	1	1	1	0	4	5	2		0	0	0	0	0	0		0	0	0	0
	Namibia	0	0	0	0		0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0		14	0	2	14
	Burkina Faso	0	0	0	0		0	0	0	0	0	2	0		2	0		0	0	0	0	0	0		0	0	0	0
	Benin Botswana	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0		0	0	1	0
	Madagascar	0	0	0	0		0	2	1	1	0	0	0	2	1	1		0	0	0	0	0	0		0	0	3	0
	Malawi	0	0	0	0		0	0		0	0	1	1	0	1	1	0	0	0	0		0	0		1	0		1
	Republic of South	0	1	0	0	0	0	0	1	0	0	29	34	0	31	34	0	1	0	0	1	0	0	46	22	0	48	22
	Africa Republic of																											
	Mozambique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	Morocco	0	0	0	0	0	0	0	1	2	0	1	0	0	2	2		0	0	0	0	0	0		0	0	0	0
	Republic of Rwanda	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

## | Foreign Researchers $\rightarrow$ Japan (FY2023)



Awards of Recognition

**JSPS** Centers

Others

# List of JSPS Overseas Counterpart Institutions

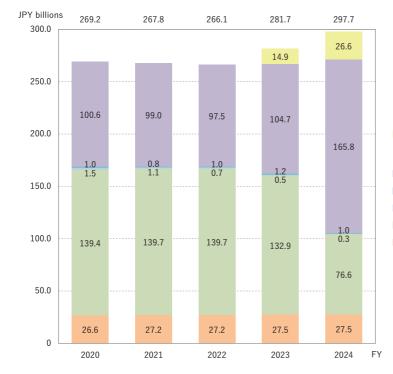
						As of June 2024
			Fellowships	Bilateral	Programs	
Reg	ion / Country	Counterpart Institutions	Postdoctoral Fellowship	Researcher Exchanges	Research Projects / Seminars	Multilateral and Other Program
		University Grants Commissions of Bangladesh (UGC)			0	
	Bangladesh	Bangladesh Academy of Sciences (BAS)				0
		Chinese Academy of Sciences (CAS)			0	
		Chinese Academy of Social Sciences (CASS)			0	
	China	Ministry of Education (MOE)				0
	-	National Natural Science Foundation of China (NSFC)			0	0
		Department of Science and Technology (DST)			0	0
	India	Indian Council of Historical Research (ICHR)				0
		Indian Council of Social Science Research (ICSSR)			0	
		Directorate General of Higher Education, Research, and Technology, Ministry of Education Culture, Research, and Technology (DGHERT)			0	
Asia	Indonesia	Indonesian Institute of Sciences (LIPI)			0	
		National Research and Innovation Agency (BRIN)				0
	Republic of Korea	National Research Foundation of Korea (NRF)			0	0
	Malaysia	Vice-Chancellors' Council of National Universities in Malaysia (VCC)				0
	Myanmar	Ministry of Education				0
	Philippines	Department of Science and Technology (DOST)			0	0
	Singapore	National University of Singapore (NUS)			0	0
	Thailand	National Research Council of Thailand (NRCT)			0	0
	Viet Nam	Ministry of Science and Technology (MOST)			0	
	Viet ivam	Vietnam Academy of Science and Technology (VAST)			0	0
	Taiwan	Academia Sinica				0
	Australia	Australian Academy of Science (AAS)	0			0
Oceania	Australia	Australian Research Council (ARC)				0
Oce	New Zeelend	Ministry of Business, Innovation and Employment (MBIE)				0
	New Zealand	The Royal Society of New Zealand (RSNZ)	0		0	0
	Fruit	Ministry of Higher Education and Scientific Research (MHESR)				0
	Egypt	Science, Technology and Innovation Funding Authority (STDF)			0	
Africa	Kenya	National Commission for Science, Technology and Inno- vation (NACOSTI)				0
A	Senegal	Ministry of Higher Education, Research and Innovation				0
	Republic of South Africa	National Research Foundation (NRF)			0	0
	Tunisia	Ministry of Higher Education and Scientific Research (MHESR)				0

			Fellowships	Bilateral	Programs	Multilateral
Reg	ion / Country	Counterpart Institutions	Postdoctoral Fellowship	Researcher Exchanges	Research Projects / Seminars	and Other Program
		Austrian Agency for International Cooperation in Educa- tion and Research (OeAD-GmbH)	0			0
	Austria	Austrian Science Fund (FWF)			0	
		Federal Ministry of Science and Research (BMWF)				0
	Belgium	Fonds de la Recherche Scientifique- FNRS (F.R.SFNRS)	0		0	
	Deigiuili	Research Foundation-Flanders (FWO)	0		0	
	Bulgaria	Ministry of Education and Science of Bulgaria (MES)	0			0
	Duigana	The Bulgarian National Science Fund (BNSF)				0
	Czech Republic	Czech Academy of Sciences (CAS)	0		0	
	Denmark	Universities Denmark (DU)				0
	Estonia	Estonian Research Council (ETAG)	0	0		
	Finland	Research Council of Finland (RCF)	0	0	0	
		French National Research Agency (ANR)				0
	France	Ministry for Europe and Foreign Affairs-Ministry of Higher Education and Research (MEAE-MESR)			0	
	France	Centre National de la Recherche Scientifique (CNRS)	0			0
		National Institute of Health and Medical Research (Inserm)			0	
		Alexander von Humboldt Foundation (AvH)	0			0
(D	Germany	Council for the Lindau Nobel Laureate Meetings				0
Europe		German Academic Exchange Service (DAAD)	0		0	
ш		German Research Foundation (DFG)			0	0
	Hungary	Hungarian Academy of Sciences (MTA)	0		0	
	ltalu	Ministry of University and Research (MUR)	0			
	Italy	The National Research Council of Italy (CNR)			0	
	Lithuania	The Research Council of Lithuania (RCL)			0	
	Netherlands	Netherlands Organisation for Scientific Research (NWO)			0	0
	Norway	The Research Council of Norway (RCN)	0	0		
	Poland	Polish Academy of Sciences (PAN)	0		0	
	Romania	Ministry of National Education (MEN)				0
	Slovakia	Slovak Academy of Sciences (SAS)	0			0
	Slovenia	Ministry of Higher Education, Science and Innovation (MESI)	0		0	
	Spain	Spanish National Research Council (CSIC)				0
		Nobel Prize Outreach AB				0
		Royal Swedish Academy of Sciences (KVA)	0			0
	Sweden	The Swedish Foundation for International Cooperation in Research and Higher Education (STINT)	0			
		Swedish Foundation for Strategic Research (SSF)	0			
		Swedish Governmental Agency for Innovation Systems (VINNOVA)	0			

			Fellowships	Bilateral	Programs	
Reg	ion / Country	Counterpart Institutions	Postdoctoral Fellowship	Researcher Exchanges	Research Projects / Seminars	- Multilateral and Other Program
		ETH Zurich (ETHZ)	0	0		
	Switzerland	Swiss National Science Foundation (SNSF)	0			0
		The British Academy	0			
Europe	United	The Royal Society	0		0	0
Euro	Kingdom	Economic and Social Research Council (ESRC)				0
		UK Research and Innovation (UKRI)				0
	Ukraine	The National Academy of Sciences of Ukraine (NAS)	0			
	Europe	European Research Council (ERC)				0
		Canadian Embassy (CE)	0			
		Canadian Institute For Advanced Research (CIFAR)				0
	Canada	Natural Sciences and Engineering Research Council of Canada (NSERC)	0			
erica		Mitacs	0			
North America		Social Sciences and Humanities Research Council (SSHRC)				0
Z		Royal Society of Canada (RSC)				0
	11	National Academy of Sciences (NAS)				0
	United States of	National Institutes of Health (NIH)	0			0
	America	National Science Foundation (NSF)				0
a	Argentine Republic	National Council of Scientific and Technological Research (CONICET)				0
entral/ South America	Chile	Chilean National Commission for Scientific and Techno- logical Research (CONICYT)				0
Ce	Mexico	National Council on Science and Technology (CONACYT)				0
East	Türkiye	The Scientific and Technological Research Council of Türkiye (TÜBITAK)			0	0
Middle		Ministry of Innovation, Science and Technology				0
Ĭ	Israel	Israel Science Foundation (ISF)			0	
	rnational anizations	United Nations University (UNU)	0			

## Budget

## Budget Transition FY2020-2024



#### Program for Promoting the Enhancement of Research Universities with a Regional Core and Distinctive Characteristics

- Multi-year Fund for Grants-in-Aid
- From Commissioned Program etc.
- Leading Initiative for Excellent Young Researchers
- Grants-in-Aid for Scientific Research
- Government subsidies for JSPS as an Incorporated Administrative Agency

## | FY2024 Budget by Program

	JPY billions
Direct Funding	Budget
Government subsidies for JSPS as an Incorporated Administrative Agency	27.5
Research fellowships for young scientists	19.4
International scientific cooperation programs	6.0
Research application programs	0.7
Research Center for Science Systems	0.6
General administration	0.9
Grants-in-Aid for Scientific Research	76.6
Leading Initiative for Excellent Young Researchers	0.3
From Commissioned Program etc.	1.0
Multi-year Fund for Grants-in-Aid*1	165.8
Program for Promoting the Enhancement of Research Universities with a Regional Core and Distinctive Characteristics <sup>*2</sup>	26.6
Total	297.7

- \*1 The "Multi-year Fund for Grants-in-Aid" was established in FY2011. (FY2024 budget: JPY 165.8 billion)
- \*2 The "Multi-year Fund for Promoting the Enhancement of Research Universities with a Regional Core and Distinctive Characteristics" was established in FY2022. (FY2024 budget: JPY 26.6 billion)
- \* The figures are rounded to the nearest unit. Consequently, the gross total and the sum of the breakdown do not necessarily coincide.

**JSPS** Centers



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			USA	JSPS San Francisco Office				
		TEL		1936 University Avenue, The PROMENADE Suite 250 Berkeley, CA 94704, USA				
Policy Planning and Public Relations	Policy Planning	+81-3-3263-3461		Tel: +1-510-665-1890 Fax: +1-510-665-1891 E-mail: sfo-info@overseas.jsps.go.jp				
Division	Public Relations	+81-3-3263-1842		https://www.jspsusa-sf.org				
Management Suppo	rt Division	+81-3-3263-1076		JSPS Bonn Office Wissenschaftszentrum, Ahrstr. 58, 53175, Bonn,				
University Support D	Division	+81-3-3263-1877	Germany	GERMANY Tel: +49-228-375050 Fax: +49-228-957777				
General Affairs Divis	ion	+81-3-3263-1722		E-mail: bonn-info@overseas.jsps.go.jp https://www.jsps-bonn.de				
Personnel Division		+81-3-3263-1808						
Budget and Account	ing Division	+81-3-3263-2083		JSPS London Office 14 Stephenson Way, London NW1 2HD, UK				
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Crowing Rooster, the emblem logo of the Japan Society for the Promotion of Science

From days of old in Japan, it has been the belief that the vigorous cry of the rooster in the gray of the morning augurs the coming of a new and bright day. As the crowing rooster can therefore be thought of as a harbinger of the kind of new knowledge that promises a brilliant future for humankind, it was chosen as the emblem logo of the Japan Society for the Promotion of Science.

The emblem logo was designed in 1938 by Professor Sanzo Wada of Tokyo Fine Arts School to depict the rooster that symbolizes the breaking dawn in a verse composed by Emperor Showa.

#### Website

https://www.jsps.go.jp/english/

#### Email Newsletter

(Available only in Japanese language) Information on application calls and events posted once a month

#### JSPS Official YouTube Channel

Event updates and program introductory videos posted



### JSPS Official X (Twitter)(@jsps\_sns)

Real-time information provided via X (Twitter)



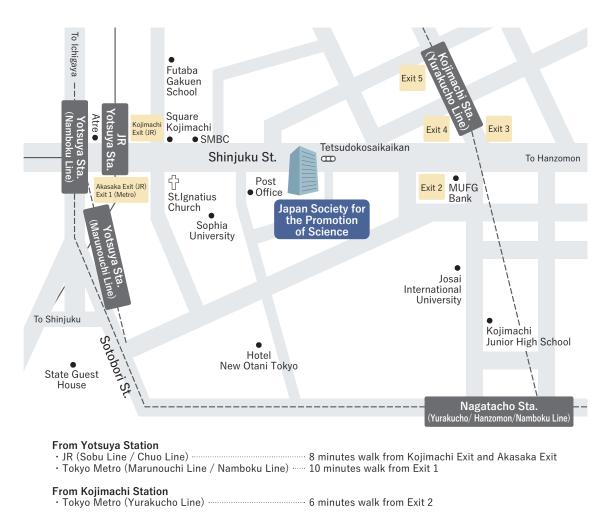


#### JSPS-Net (JSPS Researchers Network)

SNS used to support networking among researchers and research-support personnel around the world







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## JSPS Data Book 2024-2025

Edit, art direction & cover design: Corporate Planning and Public Relations Division, Policy Planning Department, Japan Society for the Promotion of Science

Published in March 2025