

**JSPS International Joint Research Program  
JSPS-NSF International Collaborations in Chemistry (ICC)  
FY2013 CALL FOR PROPOSALS**

Notes:

- (1) This "FY2013 Call for Proposals" is an English translation of the official announcement in Japanese. Applicants should observe [the accompanying Japanese Application Guidelines](#).
- (2) This "FY2013 Call for Proposal" provides the application guidelines on the JSPS side. Please consult with NSF about the application guidelines for the US side.

## **1. Program outline**

The Japan Society for the Promotion of Science (JSPS) and the National Science Foundation (NSF) of the United States agreed to carry out international joint research program in the field of chemistry.

The aim of this program is for Japanese and American research teams to break new ground and demonstrate high level of synergy in chemical research. JSPS provides financial support to excellent Japanese scientists implementing such bilateral joint projects between research teams from Japan and the US.

## **2. Targeted Research Fields**

Chemical Synthesis; Chemical Catalysis; Theory, Models and Computational Methods; Chemical Measurement and Imaging; Chemical Structure, Dynamics and Mechanisms; Macromolecular, Supramolecular and Nanochemistry; Environmental Chemical Sciences; Chemistry of Life Processes

## **3. Eligibility of Japanese applicants**

Applicants must hold a full-time or equivalent position as a researcher at a university or research institute in Japan that is eligible to receive Grants-in-Aid for Scientific Research –KAKENHI-. However, institutes that only have eligibility for JSPS's international program are allowed to apply under this fiscal year's application round.

## **4. Project Period**

3 years (Starting date must be before early September 2013)

## **5. Financial Terms**

(1) Funding from JSPS

Up to JPY 15,000,000 per fiscal year (Up to JPY 45,000,000 for three years)

## (2) Expenses supported by JSPS

Research Expenses: Equipment costs, Travel costs (transportation, living allowances), Salary, others

\* JSPS will cover these costs for the Japanese team, and the NSF will cover them for the US team.

\* Japanese researchers' living allowances in the US, regardless of the duration of their stays in the US, will be regarded as the costs for the Japanese team, while US researchers' living allowances in Japan, regardless of the duration of their stays in Japan, will be regarded as the costs for the US team.

## (3) Project Funding

- 1) JSPS consigns the administration of projects to the Japanese Principal Investigator's (PI) affiliated institution.
- 2) Consignment and examination of the budget is to be conducted on a per-fiscal-year basis.

## (4) Consignment Fee

Consignment fee may be paid in an amount up to 10% of the project's research budget, in addition to the above-mentioned expenses.

## 6. Number of Projects slated to start in FY2013

1 – 2 project(s)

## 7. Application procedure

This program has a two-step screening process.

- (1) 'Preliminary Proposals': Preliminary screening process is conducted only on the NSF side, so Japanese Principal Investigators (PIs) need not submit a 'Preliminary Proposal' to JSPS.

Japanese researchers who wish to apply for this program are to contact their counterpart US researchers to make sure that they submit preliminary proposals to NSF. Only the proposals that pass NSF's preliminary screening may be submitted to both JSPS and NSF as Full Proposals. Please refer to the 'Full Proposals' section below. NSF will inform the US PIs of the preliminary screening. Around September, JSPS will contact only the Japanese PIs whose proposals are successful. The closing date for accepting preliminary proposals at NSF is 1 August 2012.

- (2) 'Full Proposals': Japanese PIs whose counterpart US PIs' preliminary proposals have been accepted by NSF should submit their full proposals to JSPS. Please follow the instruction below.

Although application forms for full proposals differ in format between NSF and JSPS, the contents of the two proposals submitted to NSF and JSPS by a research group should be the same. If the contents of the two proposals are found to be different, screening or selection of the project may be cancelled.

### 1) On-line application system

JSPS receives applications via its on-line application system. For details, please refer

to [http://www.shinsei.jps.go.jp/topkokusai/top\\_kokusai.html](http://www.shinsei.jps.go.jp/topkokusai/top_kokusai.html) (Posted only in Japanese.)  
Institutions that have already received an institutional ID for JSPS international programs do not need to apply for another one specifically for this program.

## 2) Instructions for on-line application system

Screening will be conducted under the 8 different fields in the list of subject codes.\* Please note that researchers whose research is in a combined or interdisciplinary field should select one of the 8 fields in which they would like their proposal to be screened.

\*Please refer to <http://www.shinsei.jps.go.jp/bunkasaimoku-b/>(Posted only in Japanese.)

## 3) Period for accepting applications

**From 21 September 2012 through 16 October 2012**

\* Please note that the applicants' affiliated institutions may set earlier deadlines.

## 4) Supplementary document

Japanese PIs are to submit the following supplementary document to JSPS:

- A full version of the American PI's application (full proposal) to NSF

## 8. Other instructions

(1) PIs on the US side are to submit their applications to NSF. Please confirm the application procedure with the NSF contact person noted in Section 16.

(2) Researchers eligible to receive JSPS financial support under this program are as follows:

- Researchers conducting research at eligible research institutions in Japan as noted in Section 3 (including postdoctoral researchers and students in doctoral or master courses who are sufficiently capable and experienced to carry out the projects).

As one aim of this program is to foster a variety of human resources capable of playing active international roles, it is desirable to allow young researchers' active participation in projects.

(3) The Japanese PI is not allowed to hold a collateral position as a coordinator, research representative, or chief seminar organizer under following JSPS programs: Bilateral Programs (Joint Research Projects and Seminars)\*, PIRE program, G8 Research Councils Initiative, Japanese - German Graduate Externship, JSPS Core-to-Core Program (old), Asian CORE Program, AA Science Platform Program, new Core-to-Core Program, A3 Foresight Program, International Training Program (ITP), Institutional Program for Young Researcher Overseas Visits, and Young Researcher Overseas Visits Program for Vitalizing Brain Circulation.

Researchers funded under the "Funding Program for Next Generation World-Leading Researchers (NEXT Program)," implemented by the Cabinet Office, Government of Japan, are not eligible to be the PI of a joint project under this program.

\*As for the Bilateral Programs, only joint research projects/seminars with United States are subject to this restriction.

(4) Researchers who are currently, or have been, supported under any of JSPS's international programs in the past 5 years are required to describe the results or expected results of that

research activity and, if any, its relevance to the project being applied for.

## **9. Selection criteria for JSPS review**

The following criteria are utilized in selection process:

- Scientific excellence of projects
- Necessity of cooperation with the United States, added value gained, and mutual research advancement through transfer of knowledge and expertise
- Impact of outcomes on improving the quality of life, contributing to socioeconomic development, and/or solving prevailing social issues
- Participation of young researchers and contribution to fostering them
- Feasibility and concreteness of the research plan and expectation of its advancing the research

The following NSF criteria are also taken into account:

- What is the intellectual merit of the proposed activity?
- What are the broader impacts of the proposed activity?

In addition to the above criteria, the following point is also considered:

- Description of detailed research plan for achieving the project objective
- Appropriateness of the budget plan

## **10. Selection procedure**

(1) At JSPS, the screening process is conducted in two stages: A document review by referees and a panel review that decides which proposals to refer to NSF. JSPS and NSF then make the final selections jointly. JSPS notifies the results to the Japanese applicants around April 2013.

(2) Projects that are not selected will receive the following evaluation results:

Declined A: Higher scores among the declined projects

Declined B: Average scores among the declined projects

Declined C: Lower scores among the declined projects

(3) Results can also be obtained using JSPS's on-line application system.

## **11. Post-selection funding request to JSPS**

Upon selection, Japanese principal investigators must submit an implementation plan and funding request using the prescribed form through their research institutions. JSPS will make funding allocations based on these documents and/or its budgetary condition each fiscal year. (There may be cases when a project does not receive the maximum amount of funding based on the assessment of the research plan and JSPS's budgetary limitations.)

To register onto the e-Rad system, Japanese principal investigators must submit their researcher number (8 digits) and effort value (percentage of effort dedicated) for the subject project.

## **12. Obligation of Japanese principal investigators and their affiliated institutions**

(1) Project funds allocated by JSPS are to be administered by the institution with which JSPS has

concluded a consignment agreement and to which the PI is affiliated.

- (2) PIs must submit a report by the prescribed due date.
- (3) Due acknowledgement of support by JSPS and counterpart organizations should be made in any publication resulting from the projects.
- (4) Upon completion of a project, a research report will be evaluated by JSPS's International Program Committee.

### **13. Measures against misuse of research funds, etc.**

JSPS will take appropriate measures (e.g. terminate project/seminar, require reimbursement of part or all of allocated funds) in cases of misuse of research funds, improper practices (e.g. fabrication, falsification, plagiarism), unjustifiable acts (e.g. discrimination, harassment), or violation of laws.

Please refer to the attached document\* regarding appropriate use of competitive funds.  
(\*Japanese only)

### **14. Handling of personal information**

Personal information provided by applicants will be handled according to the "Act for the Protection of Personal Information Retained by Independent Administrative Institutions" and JSPS's "Personal Information Protection Policy," and be used solely for the purpose of implementing JSPS's programs.

The names and affiliations of the PIs, project titles and reports may be disclosed on JSPS's website and in its publications.

### **15. Others**

- (1) JSPS does not support any research project related to military affairs.
- (2) JSPS will not bear responsibility for any injury, sickness or accident incurred during travel related to the projects.
- (3) PIs on both sides are obligated to ensure the protection and proper distribution of intellectual property resulting from projects, in accordance with the laws and regulations of their countries.

### **16. Contact information**

- (1) JSPS Contact Information  
Research Cooperation Division I  
International Program Department  
Japan Society for the Promotion of Science (JSPS)  
Tel. +81 (0)3-3263-1810/1918  
Fax. +81 (0)3-3263-1673  
Email. bottom-up@jsps.go.jp

(2) NSF Contact Information

'International Collaboration in Chemistry between US Investigators and their Counterpart Abroad (ICC)'

Division of Chemistry

Directorate for Mathematical & Physical Sciences

National Science Foundation (NSF)

Tel. +1 (0)703-292-7719

Email. [zrosenzw@nsf.gov](mailto:zrosenzw@nsf.gov)

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13627](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13627)

(3)e-Rad system

Tel. 0120 066 877

<http://www.e-rad.go.jp/>

## 競争的資金等の適正な使用等について

2012年6月

国際事業部

「研究機関における公的研究費の管理・監査のガイドライン（実施基準）」（平成19年2月15日文科科学大臣決定）等を踏まえ、国際事業部の各種公募事業について、以下のように取り扱うことといたします。

### （1）不合理な重複・過度の集中の排除

#### ① 不合理な重複に対する措置

研究者が、実質的に同一の研究内容について、国あるいは独立行政法人の競争的資金制度等による配分を受けている場合、または受けることが決定している場合、本事業において、審査対象からの除外、採択の決定の取消し、又は資金・経費の削減（以下、「採択の決定の取消し等」とする。）を行うことがあります。

なお、本事業への申請段階において、他の競争的資金制度等への応募・申請を制限するものではありませんが、他の競争的資金制度等に採択された場合には速やかに本事業の事務担当に報告してください。この報告に漏れがあった場合、本事業において、採択の決定の取消し等を行う可能性があります。

#### ② 過度の集中に対する措置

本事業に申請された研究内容と、他の競争的資金制度等を活用して実施している研究内容が異なる場合においても、研究者に配分される研究費等の経費全体が効果的・効率的に使用できないと判断される場合には、本事業において、採択の決定の取消し等を行うことがあります。

このため、本事業への申請書類の提出後に、他の競争的資金制度等に応募・申請し採択された場合等、記載内容に変更が生じた場合は、速やかに本事業の事務担当に報告してください。この報告に漏れがあった場合、本事業において、採択の決定の取消し等を行う可能性があります。

### （2）競争的資金等の不正使用等に対する措置

日本学術振興会平成20年規程第3号「競争的資金等の不正使用等への対応に関する規程」に基づき、競争的資金等の適正な管理・運営及び不正使用等の防止のため、国際事業部の各種公募事業について、不正使用等（※1）を行った研究者等については、以下の措置を執るものとします。

※1 ここでの不正使用等とは、競争的資金等をその交付の目的又は契約内容等に違反して使用すること及び偽りその他不正な手段により競争的資金等の交付を受けることをいいます（同規程第2条）。

① 不正使用等が明らかになった場合には、当該競争的資金等の交付を取り消すとともに、既に配分された研究費の一部又は全部を返還させる。

② 不正使用等を行っていた者が研究代表者として応募・申請している課題は採択しない。研究分担者となっているものについては、当人を除外しなければ採択しない。

③ 措置の対象者に対し、振興会の所管するすべての競争的資金等を一定期間交付しない。

なお、措置を決定したときは、原則として、措置の対象となった者の氏名・所属、措置の内容、不正使用等が行われた競争的資金等名、当該研究費の金額、不正使用等の内容及び研究機関等が行った調査結果報告等を速やかに公表します。

### (3) 研究活動の不正行為に対する措置

日本学術振興会平成18年規程第19号「研究活動の不正行為への対応に関する規程」に基づき、研究活動の公正性を厳正に確保するため、国際事業部の各種公募事業について、不正行為(※2)を行った者については、以下の措置を執るものとします。

※2 ここでの不正行為とは、研究成果の中に示されたデータ、調査結果又は論文等の捏造、改ざん又は盗用等をいいます(同規程第2条)。

① 不正行為があったと認定された研究に係る競争的資金等を打ち切るとともに、既に配分された研究費の一部又は全部を返還させる。

② 不正行為があったと認定された者が研究代表者として応募・申請している課題は採択しない。研究分担者となっているものについては、当人を除外しなければ採択しない。

③ 措置の対象者に対し、振興会の所管するすべての競争的資金等への応募・申請を一定期間制限する。

なお、措置を決定したときは、原則として、措置の対象となった者の氏名・所属、措置の内容、不正行為が行われた競争的資金等名、当該研究費の金額、不正行為の内容及び研究機関が行った調査結果報告書等を速やかに公表します。

### (4) 関係法令等に違反した場合の取扱い

申請書類に記載した内容が虚偽であった場合や、関係法令・指針等に違反して研究計画を実施した場合には、本会から資金・経費等を支給しないことや、採択の決定を取り消すことがあります。