

FY2019 IROAST International Joint Research Travel Support Application Guidelines

1. Purpose

This program aims to facilitate international joint research in the science and technology fields of Kumamoto University and increase the university's international presence in academic research by sending outstanding young faculty members overseas.

2. Eligibility

Faculty members employed full-time (including project professors/associate professors/assistant professors) in the Faculty of Advanced Science and Technology (FAST), Institute of Pulsed Power Science (IPPS), Center for Water Cycles, Marine Environment and Disaster Management (CWMD), Magnesium Research Center (MRC), or Priority Organization for Innovation and Excellence (POIE, only those in the Science and Technology fields) and IROAST research fellows who work in **one of the major research areas**

3. (Major Research Areas) below and is applicable to at least one of the following.

(For faculty members)

- **Able to conclude an MOU regarding the startup of international collaboration (between researchers or research teams) during the stay at the host institute**
- **Able to submit a joint paper with the host researcher in the near future**

(For research fellows)

- **Able to start up an international joint research project**
Able to implement an international research project (e.g. experiment, analysis)

【Ineligibility】

- **“Young Faculty Members for International Joint Research” and tenure-track professors and associate professors in the International Research Organization for Advanced Science and Technology (IROAST)**
- **Those who wish only to attend international conferences or research meetings**
- **Those who wish only to attend short-term (e.g. 2-3 days) research discussions**

***The host researcher must be an IROAST Visiting Professor or Visiting Professor candidate.**

3. Major Research Areas

- (1) Nano Material Science covers a wide area including the development of organic functional materials such as graphene oxide nano-sheets, catalysts and metal materials. It also includes the development of innovative materials under extreme conditions.
- (2) Green Energy includes the development and utilization of renewable resources such as geo-thermal, water, and bio-mass.
- (3) Environmental Science covers a wide area including the protection and evaluation of hydrospheric and atmospheric environments, analysis of climate change, and the protection of underground water and shallow sea areas.
- (4) Advanced Green Bio covers a wide area for interdisciplinary life sciences relating to chemical biology, molecular biology, medicine, pharmacy, agriculture (such as the development of drug delivery systems), micro-CT applications, informatics applications, and so on.
- (5) Other research areas that have potentials as new IROAST's major research areas in its next phase, such as machine learning, AI and big data.

4. Period of Support and Amount of Award

Period of support: 14 days or shorter

***The travel period must end by the end of February of each fiscal year.**

Amount of award: Maximum ¥500,000 yen per applicant

The award covers the following expenses. However, any expenses during the stay in excess of the above maximums will be the responsibility of the faculty member.

A) Travel: Round-trip low-cost airfare between Kumamoto and the international airport nearest to the receiving institution

B) Expenses: Per diem and accommodations according to *Kumamoto University Travel Expenses Regulations* (amounts may be reduced based on actual conditions of stay)

*Because of the way core administrative grants are handled, cancellation for business-related reasons are not permitted once the amount of the award has been determined.

5. Application Procedures

The following documents must be submitted no later than the application submission deadline.

(1) Application Form (Form 1, either Japanese or English versions are acceptable)

(2) Estimated Expenses (no specific form)

(3) Copies of important correspondence (emails are also acceptable) exchanged with the host faculty at the institution which is the primary destination

* For faculty members of the science and technology departments, please apply for the program after gaining approval from the head of your department (or equivalent, such as Dean) to confirm that the travel itinerary you apply for will not affect your work at Kumamoto University.

For research fellows, please apply for the program after gaining approval from the head (professor or equivalent) of your laboratory.

6. Selection

Decisions will be made by the IROAST director and vice director based on their review of the applications. Notification of selection results will be made after the selection.

Reflecting the purpose of the program, the application review will give priority to applicants who show the potential to strengthen international research exchange activities in the future.

7. Report

Persons sent overseas through this program are required to submit the following a. and b. or c.:

a. Report (Form 2, English version): within one month of their return

b. MOU: within the current fiscal year

c. Proof of (planned) joint paper submission: within the current fiscal year

It is not required for research fellows to submit b. and c.

Where to submit the application/contact for more information

International Research Organization for Advanced Science and Technology (IROAST) Section,
Administrative Division of Science and Technology

Email: szk-kiko@jimu.kumamoto-u.ac.jp

Ms. Sato (ext. 3362)

Ms. Ishii (ext. 3316) (about travel expense reimbursement)