

## Announcement of Student Exchange Support Program (Scholarship for Short-Term Study in Japan) FY2018

### Program Outline

Japan Student Services Organization (JASSO) offers scholarship for qualified international students who are accepted by a Japanese university under a student exchange agreement or other student exchange arrangement on a short-term basis for one year between Japanese university and their home higher educational institution outside Japan.

### Details of program

The title of program is “**The education and research leader upbringing program to environment preservation through Agri-Food Linkage**”. The students enroll as undergraduate special auditors or graduate special auditors and carry out research including laboratory work and field work under the guidance of a supervisor at Faculty of Agriculture, Yamagata University. Title of research is determined after discussion with the supervisor. The students also study some subjects such as seminar, intensive scientific English and Japanese language. Credit exchange between two universities is available. Tutors are assigned to each student for the purpose of giving special help outside of the classroom in order to promote his/her studies and research activities.



## **Scholarship**

Term: From September 2018 to August 2019 (12 months in total).

Source of Scholarship: Japan Student Services Organization (JASSO).

Monthly stipend: ¥80,000 x 12 months

## **Eligibility for Application**

The applicant must satisfy following conditions:

1. Applicants must hold the nationality of Republic of Indonesia.
2. We do not accept students who will graduate from Gadjah Mada University during the stay in Japan (September 2018 to August 2019).

## **Application Overview**

Japanese universities submit their yearly student exchange plans to JASSO. According to the yearly plan, JASSO will allocate the quota of scholarships to each Japanese university. Within this quota, Japanese universities will recommend their exchange students to JASSO. The student will be notified of the screening results through the Japanese host university. Recommendations will not be accepted from universities without any quota of scholarships. All applications must be processed through Japanese universities. Direct applications from overseas universities or students will not be accepted. Application deadlines for students will differ at each university. The applicant must contact the university to confirm the application schedule and the necessary documents.

## **Detailed Application Process**

This schedule is subject to change.

5 February 2018

Announcement of program to Universitas Gadjah Mada

25 March 2018

Deadline of application to Yamagata University

Please see the list of supervisors for this program and select one supervisor.

Recruitment of applicants and submission of:

(1) CV

(2) Grade Transcript of UGM (Mater course student needs to submit both grade transcript of undergraduate and grade transcript of mater course)

(3) Information of Applicants for 2018.

Grade Transcript of UGM must be written in English. Academic year and semester of each subject need to be shown in Grade Transcript or in additional note.

(4) Recommendation letter (supervisor, head of department or dean of faculty)

Please send the above mentioned four documents as PDF to Academic and Student Services

(Gakumu) officer (nogaku@jm.kj.yamagata-u.ac.jp), a staff of international exchange division, until 25 March 2018.

A whole day out of second or third week on May 2018

Introduction of the program and interview (oral examination) by Prof. Tawaraya, the coordinator of international exchange between UGM and Yamagata University and Prof. Murayama of Yamagata University (UGM campus).

Date and Room of the interview will be announced to all applicants until the end of April 2018.

21 May – 31 May 2018

Nomination of 15 recipients based on the three submitted documents and the results of oral examination by nine supervisors. Decision of the scholarship recipients.

June 2018

Announcement of decision

July – August 2018

Preparation of visa application and airline ticket.

September 2018 to August 2019

Study at Faculty of Agriculture, Yamagata University, Tsuruoka, Japan.

**Number of scholarship recipients: 15 students in total.**

Other eligibility for the application:

(1) Applicants must enroll in the 3rd or 4th year of undergraduate course or Master-course.

(2) Applicants must be registered as undergraduate students or master course students at UGM until the end of August, 2019.

(1st and 2nd year of undergraduate course and Ph.D. course students are not allowed to apply).

**Notes:**

1. Air ticket:

Airfare is not supported by this program.

2. Accommodation:

Shared type student dormitory will be available.

Boarding Expense: JPY1,000 - 5,000/person/month (approx. US\$8-40)

All other expenditures such as electricity, water, heating etc are not included in this expense.

**Other INQUIRES**

Program leader: Prof. Dr. Keitaro TAWARAYA (coordinator of international exchange between Yamagata University and Universitas Gadjah Mada)

E-mail: [tawaraya@tds1.tr.yamagata-u.ac.jp](mailto:tawaraya@tds1.tr.yamagata-u.ac.jp)

List of supervisor for Student Exchange Support Program (Scholarship For Short-Term Study In Japan) 2018

Name of Supervisor	Main Research Field	Acceptable Faculty	Acceptable Student	Research Outline	Student Intake
Prof. Dr. Keitaro TAWARAYA	Plant Nutrition and Soil Science	Fac Forestry, Fac Agriculture, Fac Agricultural Technology, or Fac Mathematics and Natural Sciences	Undergraduate or Master Course student	Utilization of mycorrhizal fungi for forestry, agriculture and phytoremediation. Mechanisms of low P tolerance of plant. Screening and utilization of endophytic fungi for plant growth. Utilization of organic soil phosphorus	2 or 3
Prof. Dr. Hideki MURAYAMA	Postharvest Biology and Technology	Fac Agriculture or Fac Agricultural Technology	Undergraduate or Master Course student	Postharvest storage, treatments and underpinning mechanisms, quality evaluation, packaging, handling and distribution of fresh food crops, but excluding research on grains and forage	1 or 2
Prof. Dr. Weiguo CHENG	Plant Nutrition and Soil Science	Fac Forestry or Fac Agriculture	Undergraduate or Master Course student	C and N dynamics in agriculture and forest ecosystems with greenhouse gases emissions, Stable isotopes probing on biogeochemical processes, Organic farming, etc. <a href="http://www.tr.yamagata-u.ac.jp/~cheng/">http://www.tr.yamagata-u.ac.jp/~cheng/</a>	1 or 2
Prof. Dr. Toru WATANABE	Water Environment Engineering	Fac Forestry, Fac Agriculture, Fac Agricultural Technology, Fac Mathematics and Natural Sciences, Fac Engineering	Undergraduate or Master Course student	1. Waterborne and foodborne pathogens (e.g. human enteric virus, antibiotic-resistant bacteria) 2. Water management, especially wastewater reuse for irrigation 3. Transportation of terrestrial trace metals from forest to ocean through river and stream	2 or 3
Prof. Dr. Takashi NISHIZAWA	Horticulture	Fac Agriculture or Fac Agricultural Technology	Undergraduate or Master Course student	Main research topics (preferential order): 1. Microcracking disorder in tomato fruits 2. Physiology and morphology of starch granules in potato tubers derived from True Potato Seeds 3. Tomato production under salt stress 4. Disease control and preservation of horticultural crops (strawberry, orange, rose flower etc) using electrolyzed water 5. Environmental stress physiology of fruit vegetables Main works in the laboratories: 1. Cultivation of crops (MANDATORY) 2. Histological studies using SEM and optical microscope 3. Chemical analyses of Minerals	1 or 2
Associate Prof. Dr. Hiroto ENARI	Mammal Ecology and Management	Fac Agriculture Fac Biology Fac Forestry	Undergraduate or Master Course student	The key mission of our lab is to resolve human-wildlife conflicts such as agricultural and property damage by increasing populations of terrestrial large-mammals. For fulfilling our mission, we have been engaged in not only ecological studies for wild mammals through field surveys, but also policy researches contributing to appropriate wildlife management and conservation. For	1
Prof. Dr. Yoshihito SHIONO	Natural Products Chemistry	Fac Mathematics and Natural Sciences or Fac Pharmacy or Fac Agricultural Technology or Fac Agriculture	Undergraduate or Master Course student	Main topics are 'isolation of natural products from fermentation broth of microorganisms' and 'structures determination of isolated natural products by means of update equipments like NMR and LCMS'. We are screening fungal collection to discover new compounds that show biological activities like cytotoxicity, antimicrobial and so on. This project will have you undertaking metabolomics profiling of the extracts, using TLC, HPLC and NMR to investigate the natural products of fungal culture. Bioassay-guided fractionation or chemical screening will then be	2 or 3
Associate Prof. Dr. Satoru SATO	Agricultural Ecology	Fac Agriculture Fac Biology Fac Forestry	Undergraduate or Master Course student	Ecology of various organisms related to agricultural field, such as fresh water snails in rice paddy field, insect pests and their natural enemies in cultivated land etc. and their function in agriculture are studied in both laboratory and field.	1 or 2
Total					15

## Information of Applicants for 2018

Example

First Name	Middle Name	Family Name	Gender M or F	Age on 1 April, 2017	Academic Year on 1 April, 2017	Specialization, Name of Laboratory, or Research Subject in detail at UGM	Name of Desired Japanese Supervisor (Select one supervisor from the list)	Reason to desire the supervisor
Taro		Yamadai	M	24	Undergraduate 4	-I belong to the laboratory of Forest entomology Department of Silviculture, Faculty of Forestry UGM. -Title of my master course thesis is "The role of suberization of jackfruit for pest control. -Name of my supervisor at UGM is Dr. Joko Santoso	(Example) Prof.Dr. Taro Tsuruoka	

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