

# FY2017 Inter-University Exchange Project, Nagasaki University

Support for the Formation of Collaborative Programs with Russian Universities

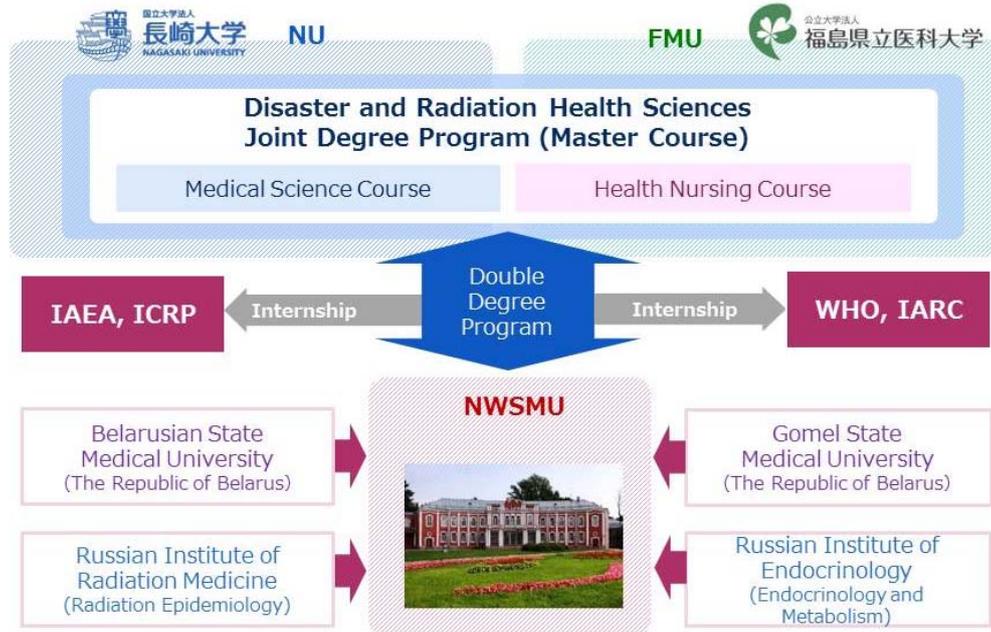
【Name of Project】(Adopted year: FY2017, (Type A))

Japan-Russia Intercollegiate Cooperative Project for Nurturing Leaders in Disaster and Radiation Health Sciences.

## 【Summary of Project】

In this project, we aim to foster the development of specialists in the field of disaster and radiation health sciences through the cooperation of universities in Japan and Russia. Nagasaki University (NU), Fukushima Medical University (FMU), and North Western State Medical University named after I. I. Mechnikov (NWSMU), which experienced nuclear disasters, are establishing an education network in the field of disaster and radiation health sciences that is unique in the world.

## For the Establishment of Double Degree Program



## 【Summary of Exchange Program】

Students from the Disaster and Radiation Health Sciences (Master's degree courses) at NU and FMU will visit NWSMU and participate in lectures on radiation biology and regeneration medicine to earn graduate credits. At the same time, students from NWSMU will visit NU and FMU to participate in lectures on risk communication and radiation health effects. Based on these collaborations, the three universities will develop a double degree program to be offered in the future.

## 【Global Human Resources for the Project】

Based on the experiences at Chernobyl and Fukushima, NU, FMU, and NWSMU will empower specialists as follows:

- Specialists will be able to prepare guidelines for use during a nuclear disaster and participate in the delivery of radiation emergency medicine during and after a nuclear disaster.
- Specialists will be able to conduct risk communications with the public according to the disaster cycle (before the disaster, at the end of the disaster, and during the recovery from the disaster).
- Specialists will be able to create scientific evidence and outline universal guidelines regarding radiation and nuclear disasters for international organizations and as members of scientific committees.

## 【Project Features】

This project will be implemented by three universities, each of which experienced a nuclear disaster. Based on the accumulated scientific evidence, these institutions will be able to foster specialists in the field of disaster and radiation health sciences from around the world, in addition to those living and working in Japan and the Russian Federation.

## 【Exchange Statistics】

	2017	2018	2019	2020	2021
Outbound	6	10	10	10	10
Inbound	0	10	10	10	10

# 1. FY2017 Progress 【ONagasaki University(NU)・Fukushima Medical University(FMU)】

## 【Japan-Russia Intercollegiate Cooperative Project for Nurturing Leaders in Disaster and Radiation Health Sciences】 (Adopted year: FY2017, (Type A, Russia))

### ■ Exchange Programs

1. Preparing the executive office for program implementation
2. Dispatching students to Russia and Belarus
3. Holding a Management Committee Meeting



〈With BSMU students of the seminar〉 〈Fellowship with NWSMU students〉

### Student-Mobility

#### ○ Outbound

- 4 master course students were dispatched to North-Western State Medical University named after I.I. Mechnikov(NWSMU) and attended the seminar “Health Protection for Population” with local students in Jan-Feb 2018.
- 5 undergraduate students were dispatched to Belarusian State Medical University (BSMU) and Gomel State Medical University (GSMU) and participated in field training and audited lectures in English in Jan-Feb and Feb-Mar 2018.

#### ○ Inbound

- None in FY2017, as we prepared for credit exchange on and after FY2018.

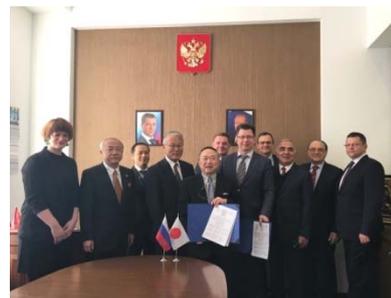
	2017	
	Plan	Results
Outbound	6	9
Inbound	0	0

### ■ Forming the University Network with Quality Assurance

1. Management Committee Meeting, Feb 2018  
Inviting Rectors of cooperating universities from Russia and Belarus, with attendance of vice presidents of NU and FMU, we held a Management Committee Meeting in Nagasaki. We exchanged views and decided on the course and framework of this project.
2. Academic Exchange Agreement, Mar 2018  
To start the exchange program, FMU and NWSMU signed an academic exchange agreement in Russia.
3. The 1<sup>st</sup> Curriculum Committee, Mar 2018  
Being resolved at the Management Committee Meeting, Curriculum Committee gathered in Russia and started concrete discussion such as choosing classes or academic hours.



〈Management Committee Meeting〉



〈Academic Exchange Agreement〉

### ■ Promotion of Student-Mobility Environment



〈Nagasaki Univ. Guest house〉

- Supported by JASSO, students can reduce financial pressure and focus on learning.
- Preparing for full and high-grade field training at our research base in Kawauchi village, we launched apparatus such as Geiger counters.
- NU's new guest house was completed and we secured accommodations for accepted students.



〈In-vehicle Radiation Monitoring System〉

### ■ Internationalization of the university, Information disclosure and Publication of outcome

- Preparing pamphlets of ‘Disaster and Radiation Exposure Medical Science Joint Degree’ in Russian, which is for the subject of this program, we distributed them to the cooperating universities and institutions.
- Generating the homepage and contributing articles about dispatching students and Management Committee, we made the program public.
- Thanks to promoting the program to cooperative institutions, we gained prospective enrollees (FY2018) from Kazakhstan, one country of the Russian-speaking world.

### ■ Good Practice

We went into action by establishing 3 functioning committees in which teachers from each university engaged. The three were as follows:

1. A Curriculum Committee, which engages in making the curriculum and training courses and establishing credit exchange and double-degree as the final goal in the future.
2. A Student Exchange Committee, which engages in improving the communicative ability of students and arranging lectures, training course and students’ journeys.
3. A Management Committee, which manages and evaluates activities of these 2 committees.



〈Course pamphlet in Russian〉