

14. Selection of Research / Education Programs

14-1. Selection of Research Programs

The Center Project Selected for the First Time in FY2013

■ Japan Science and Technology Agency (JST) Exploratory Research for Advanced Technology (ERATO) Funding Program

Project Name	Program Supervisor	Period
ADACHI Molecular Exciton Engineering	Director, Chihaya Adachi, Center for Organic Photonics and Electronics Research	FY2013-FY2019

■ Grants for Promoting the Enhancement of Research Universities

Project Name	Project Director	Period
Program for Promoting the Enhancement of Research Universities	President of Kyushu University, Tatsuro Ishibashi	FY2013-FY2022

■ Center of Innovation Science and Technology-based Radical Innovation and Entrepreneurship Program (COI STREAM)

Institution Name	Director	Period (Planned)
Center of Coevolutionary Research for Sustainable Communities	Yoshio Hisaeda	FY2013-FY2021

The Center Project Selected for the First Time in FY2014

■ Enhancing Development of Global Entrepreneur (EDGE) Program

Program Name	Project Director	Period
Kyushu University Enhancing Development of Global Entrepreneur Program	Specially Appointed Professor, Toru Tanigawa, Robert T. Huang Entrepreneurship Center	FY2014-FY2016

The Center Project Selected for the First Time in FY2015

■ Grants for Research Support System Development Projects

Project Name	Administration Director	Period
University Research Administrator Development Project (Development of a Research Administration System)	Executive Vice President and Senior Vice President, Masato Wakayama	FY2015-FY2016 (FY2012-FY2014)

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Initiative for Realizing Diversity in the Research Environment	President of Kyushu University, Chiharu Kubo	FY2015-FY2020

The Center Project Selected for the First Time in FY2016

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Leading Initiative for Excellent Young Researchers	President of Kyushu University, Tatsuro Ishibashi	FY2016-FY2023

• Programs selected for the first time from 2013 onward are listed. Programs before that time are also listed, if still continuing.

*Source: *Kyushu University Information*

14-1. Selection of Research Programs (Continued)

The Center Project Selected for the First Time in FY2017

■ Strategic Program for Promoting Translational Research

Project Topic Name	Project Manager	Period
Research and Development of Innovative Medical Technologies for Global Deployment That Link Centers With the Surrounding Region	Professor, Eishi Baba, Faculty of Medical Sciences	FY2017-FY2021

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Enhancing Development of Global Entrepreneurs for the NEXT Generation (EDGE-NEXT) Entrepreneur development program based on diversity and creative collaboration (IDEA: Innovation x Diversity x Entrepreneurship Education Alliance)	Faculty of Economics, Department of Business and Technology Management, Professor/ Director General, Robert T. Huang Entrepreneurship Center, Megumi Takata	FY2017-FY2021

The Center Project Selected for the First Time in FY2018

None

The Center Project Selected for the First Time in FY2019

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Initiative for Realizing Diversity in the Research Environment (Vanguard)	President of Kyushu University, Tatsuro Ishibashi	FY2019-FY2024

The Center Project Selected for the First Time in FY2020

■ World Premier International Research Center Initiative (WPI) Academy Project Acceleration and Expansion

Institution Name	Director	Period (Planned)
International Institute for Carbon-Neutral Energy Research	Professor, Petros Sofronis	From FY2020 onward

■ Moonshot-type Research & Development Project

Research & Development Project Name	Project Manager	Period (Planned)
"Beyond Zero" Research & Development Aimed at a CO ₂ Circulation System Society	International Institute for Carbon-Neutral Energy Research Chief Professor, Shigeki Fujikawa	FY2020-FY2029

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
University Fellowship Project for the Creation of Science and Technology Innovation	President of Kyushu University, Tatsuro Ishibashi	FY2020-FY2027

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*Source: *Kyushu University Information*

14-2. Selection of Education Programs

The Center Project Selected for the First Time in FY2011

Program Name	Department Responsible	Initiative Name	Initiative Period
Subsidy Program for the Development of Centers for Training Policymakers etc.	Center for Science, Technology and Innovation Policy Studies	Science for RE-designing Science, Technology and Innovation Policy (SciREX) Project to Develop Hub Institutions for Fundamental Research and Human Resource Development	FY2011-FY2025

The Center Project Selected for the First Time in FY2013

Program Name	Department Responsible	Initiative Name	Initiative Period
Initiative for International Human Resource Development in the Field of Nuclear Energy: Inter-institutional Human Resource Development Programs	Graduate School of Engineering	Development of a Comprehensive Curriculum for Human Resource Development in the Field of Nuclear Energy: Developing an Achievement-focused Nuclear Energy Experiment and Exercise Program Using Computer Simulations	FY2013-FY2015
Strategic Promotional Program for Vocational Education of Middle Level Professionals in Targeted Growth Fields	Faculty of Human-Environment Studies	Global Approaches on Education and Training of Middle-level Professionals	FY2013-FY2015
Fostering Human Resources for Producing Medical Innovation (New Paradigms-Establishing Centers for Fostering Medical Researchers of the Future)	Faculty of Medical Sciences	Development of international talent to promote innovation	FY2013-FY2017
	University Hospital	Development of General Practitioners to Provide Integrated Community Healthcare	FY2013-FY2017
Program for Leading Graduate Schools	University-wide	Graduate education and research training program in DECISION SCIENCE for sustainable society	FY2013-FY2019

The Center Project Selected for the First Time in FY2014

Program Name	Department Responsible	Initiative Name	Initiative Period
Global Science Campus	School of Science, School of Engineering, School of Design, School of Agriculture	Future Creators in Science Project	FY2014-FY2017
Problem-Solving Oriented Training Program for Advanced Medical Personnel	School of Medicine	Practical Skill Enhancement-Oriented and Team-Based Medical Care Acceleration Program	FY2014-FY2018
Top Global University Project	University-wide	Strategic Hub Area for top-global Research and Education (SHARE-Q)	FY2014-FY2023

The Center Project Selected for the First Time in FY2015

None

The Center Project Selected for the First Time in FY2016

Program Name	Department Responsible	Initiative Name	Initiative Period
Re-Inventing Japan Project	Interdisciplinary Graduate School of Engineering Sciences	Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental Science and Technology-A New Challenge	FY2016-FY2020
	Graduate School of Human-Environment Studies	Cooperative Educational Program for Fostering Human Resources to Lead Development of Sustainable Urban and Architectural Environment in Asia	FY2016-FY2020

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*Source: *Kyushu University Information*

14-2. Selection of Education Programs (Continued)

The Center Project Selected for the First Time in FY2017

Program Name	Department Responsible	Initiative Name	Initiative Period
Project for Human Resource Development of Advanced Medical Innovation	Graduate School of Medical Science, Graduate School of Pharmaceutical Sciences	Kyushu Promotion Plan for the Platform of Human Resource Development for Cancer	FY2017-FY2021
Project of Human Resource Development for Nuclear Energy	Faculty of Engineering	Enhancement of Kyushu University Nuclear Engineering Curriculum with Emphasis on Regulations and Comprehensive Thinking	FY2017-FY2021

The Center Project Selected for the First Time in FY2018

Program Name	Department Responsible	Initiative Name	Initiative Period
Training Data Scientists to Realize a Super-Smart Society	Graduate School of Information Science and Electrical Engineering	Advanced Data Science Education Program Minor by the Kyushu Consortium	FY2018-FY2022

The Center Project Selected for the First Time in FY2019

Program Name	Department Responsible	Initiative Name	Initiative Period
Joint Usage Education Center	Faculty of Arts and Science	Institution for Center for the Future Development of Education	FY2019-FY2023

The Center Project Selected for the First Time in FY2020

Program Name	Department Responsible	Initiative Name	Initiative Period
Inter-University Exchange Project	Graduate School of Engineering	An innovative program for development of core human resources for smart mining to lead sustainable resource development in Southern Africa (*Representative University: Akita University, Affiliated University: Kyushu University)	FY2020-FY2024
WISE Program (Doctoral Program for World-leading Innovative & Smart Education)	Graduate School of Mathematics	Graduate Program of Mathematics for Innovation (GPMI)	FY2020-FY2026
Plus-DX (a Plan for universities/ colleges aiming for a smart-campus through Digital Transformation in the current/ post COVID-19 crisis)	Learning Analytics Center	Kyushu University, "Educational DX" - Implementation of learner-centered learning, based on learning analytics. We will promote Educational DX for Kyushu university.	FY2020-FY2021
	Innovation Center for Educational Resource	Kyushu University "DX in Education" Project - Improving the quality of learning through the use of advanced ICT -	FY2020-FY2021

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