

# 14. Selection of Research / Education Programs

## 14-1. Selection of Research Programs

### The Center Project Selected for the First Time in FY2012

#### ■ Translational Research Network Program

| Research Domain   | Program Supervisor                                       | Period        |
|---|--|---------------|
| Establishing ARO to Deliver Creative Next-Generation Medical Care | Professor, Yoichi Nakanishi, Faculty of Medical Sciences | FY2012-FY2016 |

#### ■ Grants for Creating Research and Education Bases (for Fostering Young Researchers)

| Project Name  | Program Manager  | Period        |
|---|--|---------------|
| Grants for Creating Graduate School Centers of Excellence | Executive Vice President and Senior Vice President, Yukio Fujiki | FY2012-FY2013 |

#### ■ 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, Yukio Fujiki | FY2012-FY2014 |

### 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, Chiharu Kubo | 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 | Yasuura Hiroto | 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 |

• Programs selected for the first time from 2012 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 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) |

#### ■ Funds for the Development of Human Resources in 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

#### ■ Funds for the Development of Human Resources in Science and Technology

| Program Name                                       | Project Director                             | Period        |
|--|--|---------------|
| Leading Initiative for Excellent Young Researchers | President of Kyushu University, Chiharu Kubo | FY2016-FY2023 |

### 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 |

#### ■ Funds for the Development of Human Resources in Science and Technology

| Program Name  | Project Director  | Period        |
|---|---|---------------|
| Enhancing Development of Global Entrepreneurs for the NEXT Generation (EDGE-NEXT)<br>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<br>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

#### ■ Funds for the Development of Human Resources in Science and Technology

| Project Topic Name  | Project Manager                              | Period        |
|---|--|---------------|
| Initiative for Realizing Diversity in the Research Environment (Vanguard) | President of Kyushu University, Chiharu Kubo | FY2019-FY2024 |

### The Center Project Selected for the First Time in FY2020

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

| Project Topic Name   | Project Manager            | Project (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   | Project (Planned) |
|--|---|-------------------|
| “Beyond Zero” Research & Development Aimed at a CO2 Circulation System Society | International Institute for Carbon-Neutral Energy Research Associate Professor Shigeki Fujikawa | FY2020-FY2029     |

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\*Source: *Kyushu University Information*

Overview and Comparisons with Other Universities  
 Number of Faculty and Staff Members  
 Number of Students  
 Admissions  
 Enrollment  
 Graduate Degrees Conferred  
 Career Paths and Employment Status  
 Success in Qualification Examinations  
 Research  
 International  
 Industry/University/Government Collaboration  
 University Hospital  
 Income and Expenditure  
 Selection of Research/Education Programs

## 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 FY2012

| Program Name  | Department Responsible  | Initiative Name  | Initiative Period |
|---|---|--|-------------------|
| Future Scientists Program   | School of Science   | Excellent Student in Science Program (ESSP): Kyushu University School of Science Program Fostering Next-Generation Scientists  | FY2012            |
| Promotion Plan for the Platform of Human Resource Development for Cancer  | Graduate School of Medical Science, Graduate School of Pharmaceutical Sciences  | Kyushu Promotion Plan for the Platform of Human Resource Development for Cancer  | FY2012-FY2016     |
| Revitalizing Education and Research at the School of Medicine and University Hospital and Securing Medical Professionals for the Community and Remote Areas | University Hospital   | Kyushu University Project to Revitalize Education and Research at the School of Medicine and University Hospital and Secure Medical Professionals for the Community and Remote Areas | FY2012-FY2016     |
| Re-Inventing Japan Project  | Graduate School of Engineering  | ASEAN-Japan BUILD-UP Cooperative Education Program for Global Human Resource Development in Earth Resources Engineering  | FY2012-FY2016     |
| Re-Inventing Japan Project  | Graduate School of Law  | A Spiral Model of Collaborative Education : Balancing Global and Local Values through Legal Mind   | FY2012-FY2016     |
| Program for Promoting Inter-University Collaborative Education  | Graduate School of Information Science and Electrical Engineering   | Graduate Sub-Program in Electrical Engineering and Energy for Improvement of Practical Abilities and Future Preparation  | FY2012-FY2016     |
| Go Global Japan Project   | School of Agriculture   | Development of AgriBio Leaders with an International Perspective   | FY2012-FY2016     |
| Program for Leading Graduate Schools  | Interdisciplinary Graduate School of Engineering Sciences, Graduate School of Engineering                                     | Advanced Graduate Program in Global Strategy for Green Asia  | FY2012-FY2018     |
| Program for Leading Graduate Schools  | Graduate School of Engineering, Graduate School of Science, Graduate School of Information Science and Electrical Engineering | Development of Global Research Leaders in Molecular Systems for Devices and Establishment of an International Education and Research Center  | FY2012-FY2018     |
| Program for Promoting the Reform of National Universities (Comprehensive Support)   | University-wide   | Proposal of a new model for bachelor's degree programs through the establishment of KIKAN Education  | FY2012-FY2017     |

### 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     |
| Fostering Human Resources for Producing Medical Innovation (New Paradigms-Establishing Centers for Fostering Medical Researchers of the Future) | 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     |

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\*Source: *Kyushu University Information*

## 14- 2. Selection of Education Programs (Continued)

### 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     |
| Re-Inventing Japan Project | 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     |

### 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 Sciences, 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     |

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