

**Young Researcher Overseas Visits Program for Vitalizing Brain Circulation  
Selection Results for FY2010**

		Humanities and Social Sciences		Science and Engineering		Biology		Interdisciplinary and Combined fields		TOTAL	
		Institutions	Projects	Institutions	Projects	Institutions	Projects	Institutions	Projects	Institutions	Projects
National Universities	Selected	6	7	13	17	12	13	10	11	29	48
	Applied	21	27	27	46	25	39	27	34	50	146
Public Universities	Selected	2	2	0	0	0	0	0	0	2	2
	Applied	3	4	3	3	0	0	2	2	6	9
Private Universities	Selected	2	3	2	3	3	3	1	1	7	10
	Applied	3	5	6	9	9	12	7	7	20	33
Inter-University Research Institutes	Selected	0	0	1	2	2	1	2	2	3	5
	Applied	1	1	2	3	3	1	2	2	4	7
Independent Administrative Institutions	Selected	0	0	1	1	1	0	2	2	2	3
	Applied	0	0	3	8	8	4	3	3	5	15
Foundation	Selected	0	0	0	0	0	0	0	0	0	0
	Applied	0	0	1	1	1	1	0	0	2	2
TOTAL	Selected	10	12	17	23	16	17	15	16	43	68
	Applied	28	37	42	70	38	57	41	48	87	212

\*Since some institutions applied more than one project for the different research fields, the total numbers of selected/applied institutions do not always correspond to the sum of those for each field.

### List of Selected Projects for FY 2010 (Humanities and Social Sciences)

No.	Project title	Research Institution	
1	The Emerging role of the Humanities in our changing society	University of Tsukuba	Graduate School of Humanities and Social Sciences
2	Establishment of International Consortium for Cultural Resource Studies	Kanazawa University	College of Human and Social Sciences, Faculty of Letters
3	Aspire to becoming the international node for the study of legal assistance –International joint research for building the theoretical foundation–	Nagoya University	Graduate School of Law
4	Evidence and Inference: Towards a New Paradigm	Kyoto University	Graduate School of Letters
5	Art and Design in Asia: Comparative Studies for the 21st century from British and Japanese Perspectives	Osaka University	Graduate School of Letters
6	An Examination of Multi-lineal Network Generation Process of International Order in East Asia through Exchanging Young Brains	Osaka University	Graduate School of International Public Policy
7	Universities' Intellectual Capacity & Enhancement of Higher Education in a Globalizing Knowledge-based Society	Hiroshima University	Research Institute for Higher Education
8	Database and Academic Network Construction for Monuments and Symbols from the Ancient City Cholula in the Middle America	Aichi Prefectural University	Graduate School of International Studies
9	Promotion Program for Organizing Asia Arts Management Research Institution	Osaka City University	Urban Research Plaza
10	International research program for "History and environment of Yellow river valley using remote sensing data"	GAKUSHUIN UNIVERSITY	Faculty of Letters / Research Institute for Oriental Cultures
11	Historical Heritage and the Formation of Modern National Historical Consciousness	Doshisha University	Graduate School of Letters, Major of Cultural History
12	Researcher capability enhancement of young researchers through participation in global knowledge networks	Doshisha University	Institute for Technology, Enterprise and Competitiveness

## List of Selected Projects for FY 2010 (Science and Engineering)

No.	Project title	Research Institution	
1	Production and decay-pion spectroscopic study of hypernuclei with electron beams	Tohoku University	Graduate School of Science
2	Strategic International Collaborative Research Project for Developing Future Fluid Science	Tohoku University	Institute of Fluid Science
3	Study of quark gluon structure of nucleon spin with huge fixed targets	Yamagata University	Faculty of Science
4	Astronomical observations using the best telescopes in the world	University of Tsukuba	Graduate School of Pure and Applied Sciences
5	International Joint Research Project on Advanced Actuator for Next-Generation Mechatronics	Saitama University	Graduate School of Science and Engineering
6	Strengthening of international research network and promotion of young researcher in the experiment with nuclear collisions at the highest energy in the world	The University of Tokyo	Graduate School of Science
7	Forefront of particle physics at Energy Frontier LHC experiment	The University of Tokyo	International Center for Elementary Particle Physics
8	Development of on-the-edge particle physics and nourishment of young researchers through the collaboration with plural international experiments in Europe	Tokyo Institute of Technology	Graduate School of Science and Engineering
9	Searching for Structures of Generation and New Symmetry in Particle Physics	Niigata University	Graduate School of Science and Technology
10	International studies on physics of strongly correlated quantum systems based on ultrasonic method	Niigata University	Graduate School of Science and Technology
11	Coordinated collaboration between the super-CO survey with NANTEN2 and the four astronomical satellites	Nagoya University	Graduate School of Science
12	Program for International Materials Research on Green Vehicle	Nagoya University	Graduate School of Engineering
13	Young Ceramist International Research Network for Development of Green Innovation	Nagoya Institute of Technology	Graduate School of Engineering / Institute of Ceramics Research and Education
14	Surface/Interface Related Quantum Nano-material Design	Mie University	Graduate School of Engineering
15	International exchange program of young researchers on nano materials science	Kyoto University	Graduate School of Engineering / Fukui Institute for Fundamental Chemistry
16	Training and networking young researchers through investigation of space-time structure in the ATLAS experiment	Kobe University	Graduate School of Science
17	Young Researchers Overseas Visits Program for Bornean Biodiversity Conservation and Low Carbon Society Creation	Kyushu Institute of Technology	Graduate School of Life Science and Systems Engineering / Eco-Town Collaborative R&D Center for the Environment and People
18	Experts Development Program in the Regional Regeneration through the Conservation and the Utilization of Historical Resources in Developing Countries	Waseda University	Faculty of Science and Engineering
19	Construction of Labo-exchange Type Health & Biomedical Science Research Consortium	Waseda University	Faculty of Science and Engineering
20	International Cooperative Research of Group III Nitride Semiconductors	Meijo University	Graduate School of Science and Technology

21	Nurturing world leaders on experimental cosmology	High Energy Accelerator Research Organization	Institute of Particle and Nuclear Studies
22	International collaborations on the research for functional materials using quantum beams	National Institute for Materials Science	Quantum Beam Center Neutron Scattering Group
23	CERN-KEK collaboration for experiments with future frontier accelerators.	High Energy Accelerator Research Organization	Institute of Particle and Nuclear Studies

### List of Selected Projects for FY 2010 (Biology)

No.	Project title	Research Institution	
1	International program for development of strategic treatment to the lifestyle diseases.	University of Tsukuba	Graduate School of Comprehensive Human Sciences Majors of Medical Sciences
2	Mucosal Immunology-based Global Young Investigator Research Network for the Development of Novel Preventive and Therapeutic strategy against Infectious and Allergic diseases.	The University of Tokyo	The Institute of Medical Science
3	Program for sustaining promising young investigators who aim at a breakthrough in periodontal medicine by integration of medical and dental frontier sciences	Niigata University	Graduate School of Medical and Dental Science
4	Promotion in Training of Global Researchers on Nano-material and Food Authentication Originated from Shizuoka University	Shizuoka University	Graduate School of Science and Technology
5	Cultivation of physician-scientists who internationally play leading roles in research of hematopoietic cell transplantation	Nagoya University	Graduate School of Medicine
6	The Advanced International Collaboration on the Primate Origins of Humanities	Kyoto University	Primate Research Institute
7	Young Researcher Overseas Training Program on Tumor Angiology	Ehime University	Proteo-Medicine Research Center
8	Brain Imaging and Neurophysiological Studies on Early Intervention of prodromal state	Kyushu University	Graduate School of Medical Sciences
9	Capacity development of field-oriented experts on tropical infectious diseases through international survey on mosquito-borne tropical viruses	Nagasaki University	Institute of Tropical Medicine
10	International Collaborative Researches on the Pathogenesis and Therapy for Familial Amyloidosis by the Young Investigators	Kumamoto University	Graduate School of Life Sciences
11	Leading edge of researches on gastrointestinal infectious diseases in the US and field investigation in Central America	Oita University	Faculty of Medicine, Environment and Preventive Medicine Course
12	Pathophysiological studies on the developmental origins of diseases and brain disorders	University of Miyazaki	-
13	Development of an integrated research and education network for the control of zoonosis and transboundary infectious diseases	University of Miyazaki	Faculty of Medicine / Graduate School of Medicine and Veterinary Medicine
14	International collaboration connecting Japan, United Kingdom and United States in the field of innovative Medicine.	Keio University	Faculty of Medicine
15	Roles of mitochondrial fission/fusion mechanism in Parkinson's disease	Juntendo University	Faculty of Medicine
16	Study on orphan crop in Africa - development of seed sett production techniques in yams -	Tokyo University of Agriculture	Graduate School of Agriculture
17	International Network for Systems Biology of Plant Reprogramming Research	National Institute of Natural Sciences	National Institute for Basic Biology

### List of Selected Projects for FY 2010 (Interdisciplinary and Combined fields)

No.	Project title	Research Institution	
1	Establishment of World-leading International Network for Marine Ecosystem Modeling	Hokkaido University	Graduate School of Environmental Science, Faculty of Environmental Earth Science
2	The Construction of International Scientific Cooperative Network of Development of High Density Energy Storage Materials for the Sustainable Society	Chiba University	Graduate School of Science, Major of Basic Science
3	Interdisciplinary research project for 3-D organs	The University of Tokyo	Graduate School of Engineering
4	Development of Cloud-based Applications for Monitoring and Archiving the Real World	The University of Tokyo	Institute of Industrial Science
5	Integrative Studies on Formation and Function of Brain Networks	Nagoya University	Graduate School of Science
6	Triangulation Project for the Understanding of Asian and African Areas	Kyoto University	Graduate School of Asian and African Area Studies
7	A study on universal communication based on intention recognition of able-bodied and challenged persons	Kobe University	Organization of Advanced Science and Technology, Research Center for Urban Environment
8	Establishment of cancer stem cell model and development of targeting therapy of cancer stem cell	Okayama University	Graduate School of Natural Science
9	A role of auto antibodies to feeding-regulatory peptides in the pathogenesis and treatment of eating disorders.	Kagoshima University	Graduate School of Medical and Dental Sciences
10	Bridge-building between Innovation Management and Anthropology of Science and Technology with consideration for international networking	Japan Advanced Institute of Science and Technology (JAIST)	School of Knowledge Science
11	Creation of Ambient Intelligence Basis for Improvement of QOL in Information Society	Nara Institute of Science and Technology	Graduate School of Information Science
12	Human-Care Medical Technology by Functional Tissue Engineering	Keio University	Faculty of Science and Technology
13	International Cooperative Research Project on the Molecular Mechanisms Regulating Reproduction in Fish	National Institutes of Natural Sciences	National Institute for Basic Biology
14	Constructing International Research Network of Contemporary South Asian Studies	National Institutes for the Humanities	National Museum of Ethnology
15	The study on new anhydrous electrolytes for intermediate temperature PEFCs	National Institute for Materials Science	Fuel Cell Materials Center, Nano-ionics Materials Group
16	Research for regenerative medicine and inflammatory diseases via construction of International Medical Research Station for Systems BioMedicine	National Center for Child Health and Development	National Research Institute for Child Health and Development, Department of Systems BioMedicine