

List of First Round Grantees of the research Fellowship for International Young Scientists in 2010

NSFC has completed the evaluation of the first round applications to the research Fellowship for International Young Scientists in 2010, and granted 40 applicants. The following is the list of the grantees.

	Name of applicant	Home institution in China
1	Igor Vinogradov	Peking University
2	Martin Christopher Smith	Peking University
3	Diego Gonzalez-Diaz	Tsinghua University
4	Jin Hyeok An	National Astronomical Observatories, CAS
5	Neda Bostani	Institute of High Energy Physics, CAS
6	Thomas Saugrin	National Astronomical Observatories, CAS
7	Craig E Banks	Central South University
8	Oliver Aneurin Williams	Tongji University
9	Jessica Marianne Rosenholm	Shanghai Jiaotong University
10	Goutham N Vemuri	Jiangnan University
11	Althammer Andreas	Shanghai Institute of Materia Medica, CAS
12	Michael Shane Barker	South China Botanical Garden, CAS
13	Christian Klukas	Zhejiang University
14	Fabien Scalzo	Chongqing University
15	Walter John Akers	China Pharmaceutical University
16	Rodrigo Francisco Morales	China Agricultural University
17	Utkan Demirci	Xian Jiaotong University
18	Christopher John Vavricka	Institute of Microbiology, CAS
19	Daniel Jozefus Tholen	Shanghai Institutes for Biological Sciences, CAS
20	Mehmet Somel	Shanghai Institutes for Biological Sciences, CAS
21	Andy Tsun	Institut Pasteur of Shanghai, CAS
22	David Scott Johnson	Beijing Institute of Genomics, CAS
23	Abigail Rose Clarke-Sather	The Lanzhou Branch of the National Science Library, CAS
24	Greig Alexander Paterson	Institute of Geology and Geophysics, CAS
25	David William Elliott Hone	The Institute of Vertebrate Paleontology and Paleoanthropology, CAS
26	Corwin Scott Sullivan	he Institute of Vertebrate Paleontology and Paleoanthropology, CAS
27	Olivier Laurent Louis Maridet	he Institute of Vertebrate Paleontology and Paleoanthropology, CAS

28	Wendy Liwen Mao	Zhejiang University
29	Takayuki Tokoroyama	Xi'an Jiaotong University
30	Stefan Kirchberg	Central South University
31	Martin Morgan Tuuli	Chongqing University
32	Fumitake Takahashi	Tongji University
33	Suresh B Sadineni	Tianjin University
34	Mostafa Kamali Ardakani	Southeast University
35	Mark Mann	Southeast University
36	Cheolkon Jung	Xidian University
37	Mohamed Khalgui	Xidian University
38	ARTUR LOZA	Shanghai Jiaotong University
39	Christophe Maurice André Tartary	Tsinghua University
40	Ahmet Goncu	Shandong University

Guide to NSFC-JPS Cooperative Programs in 2011

According to bilateral agreement on cooperation between the National Natural Science Foundation of China and Japan Society for the Promotion of Science, they support jointly cooperation and exchange project each year, including bilateral workshops. After consultations they agreed to support 14 jointly funded cooperative projects in 2011, including 10 cooperative and exchange projects, 4 bilateral workshops (two in China and two in Japan).

To the approved cooperative and exchange projects, NSFC shall provide run trip airfare to Chinese scholars going to Japan and bear living and transportation expenses for Japanese scholars visiting China, and NSFC shall provide run trip airfare to Chinese scholars going to Japan and bear living and transportation expenses for Japanese scholars visiting China. Total exchange activities will not be greater than 60 person-day. The time limit for cooperative and exchange project is 2 year and 9 months, starting from April 2011 to December 2013. For the approved bilateral workshops, the host country (NSFC or JSPS) shall provide Chinese and Japanese participants living and transportation expenses and relevant cost of the meeting such as renting of meeting facilities and publication of the proceedings. The international travel fees will be borne by the sending parties (NSFC or JSPS). Each workshop shall be limited to 50 person-day.

1. Eligibility of applicants

For cooperative and exchange projects, applicant in China should have NSFC project ending after 2012. For bilateral workshops, applicant in China should have on-going NSFC projects.

2. Application requirement

Applicant in China and Japan should all submit applications to NSFC and JSPS respectively. Application made to one party will not be accepted.

Applicant should make online application on NSFC's ISIS system. Please pay attention to providing the appropriate code of project categories and sub categories. NSFC-JSPS agreement project has 3 types in the sub category, namely, cooperative and exchange project, attending overseas bilateral agreement academic

conferences, and international (regional) academic conferences in China. For bilateral workshops in Japan, only the organizer in China needs to submit applications and submit the application in English as attachment.

For cooperative and exchange projects, applicant should list plans of each year in the budget section, including time and name list of each visit, and time and name list of Japanese visitors.

For bilateral workshops, applicant should give name list of participants from China and Japan. The Chinese participants should be from more than 3 units in China, and all participants should be PI or principal member of on-going NSFC projects.

In addition, applicant should print the application from the generated PDF files in Chinese, apply the official seal of the home unit, and submit to Division of Asian and International Organization Affairs, Bureau of International of Cooperation of NSFC.

3. Application deadline and date of award notification

The deadline for application is September 10, 2010. The result of evaluation will be published on NSFC's website and sent to the applicant through the research management office of the home unit of the applicant.

4. Project management

After approval, the applicant should submit additional materials, including invitation letter from Japanese partner and letter of confirming visits to China, etc. Funding will be given in 6:0:4 steps. During the project implementation, the PI should submit yearly progress report and final report in 2012, 2013 and 2014 in the beginning of each year according to the time set by NSFC.

For bilateral workshops, the applicant should submit final report in the beginning of 2012 according to the deadline set by NSFC.

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List of Approved Cooperative Research Projects Jointly Supported by NSFC and K. T. Li Foundation in 2010

After evaluations jointly conducted by NSFC and K. T. Li Foundation, the following 7 cooperative research projects will be funded for 3 years.

	Applicant and home institute in Mainland China	Project title	Applicant and home institute in Mainland China	Project title	Funding from mainland	Funding from Taiwan (10,000 NTD per year)
1	Zhuang Zhimeng The Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences	Patterns and changes of biodiversity in west Pacific (Yellow Sea and East China Sea)	Qiu Taisheng (Yu Hongcan) Institute of Zoology, National Taiwan University	Changing patterns of anchovy population in East China Sea and its relationship with recent climate change	120	106
			Chen Tianren (Yu Hongcan) Institute of Marine Biology, National Taiwan Ocean University	Pattern and changes of indicative marine organism in west Pacific		77
2	Hao Zahnqing Chinese Academy of Sciences	Studies on latitudinal gradient in network based mechanism of biodiversity maintenance in forest	Sun Yifang Department of Life Sciences, Tunghai University	Studies on latitudinal gradient in network based mechanism of biodiversity maintenance in forest	120	151
3	Qiao Gexia Key Laboratory of Zoological Systematics and Evolution, Chinese Academy of Sciences	Form and mechanism of formation of isolation and differentiation of biological zone and system in East Himalaya and Taiwan	Yan Shenghong Department of Bio Sciences, National Sun Yat-sen University	Form and mechanism of formation of isolation and differentiation of biological zone and system in East Himalaya and	90	95

				Taiwan, taking typical animal as examples		
4	Liu Huanzhang Institute of Hydrobiology, CAS	Form and mechanism of formation of isolation and differentiation of fresh water fish on both sides of the Strait	Zeng Qingxian Institute of Bio Information and Structural Biology, National Tsing Hua University	Form and mechanism of formation of isolation and differentiation of fresh water fish on both sides of the Strait	80	43
5	Sun Hang Kunming Institute of Botany, CAS	Classification and genetic relation of vascular plants disjunctively distributed in Taiwan and East Himalaya Hengduan Mountains	Peng Jingyi, Center for Biodiversity research, Academia Sinica	Classification and genetic relation of vascular plants disjunctively distributed in Taiwan and East Himalaya Hengduan Mountains	120	178
6	Zhang Yaping Kunming Institute of Zoology, CAS	Studies on evolutionary genomics of non model animal and plants	Huang Haoren, Department of Life Sciences, National Cheng Kung University	Development and integration of key methods of analysis in genosome	120	200
7	Tang Danling South China Sea Institute of Oceanology	Impact of typhoon disaster on plankton and fishery resources in northern South China Sea	Liao Zhengxin, Institute of Environmental Biology and Fishery Science, National Taiwan Ocean University	Influence of Typhoon on near-shore fishery and aquaculture of Taiwan	100	150

Person of Contact: Wang Yi

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Guide to Programs of Cooperative Research Projects of NSFC and FRSQ for 2010

To support and promote exchange and cooperation between Chinese and Canadian scientists in medical area and promote research cooperation between Chinese and Canadian universities, hospitals and research institutes, National Natural Science Foundation of China (NSFC) and Fonds de la recherche en santé du Québec (FRSQ) support jointly bilateral cooperative research projects. The following are the detailed requirements and descriptions:

I. Project description:

1. Funding area: Genomics and Diseases. This joint research aims at making in-depth understandings of the important role of genomics in the studies of human diseases. Research directions include but not limited to the following:

- 1) To determine the functions of non-coding DNA / RNA including alternative splicing mechanisms by genomic/proteomic approaches;
- 2) To understand the role of the host and the pathogen in infectious diseases by genomic/proteomic approaches
- 3) To improve disease gene identification and functional validation by genomic/proteomic approaches
- 4) Mapping of the Human interactome
- 5) Development of new approaches in the use of next generation sequencing in genomics/proteomics

2. Funding level: maximum of 150,000 yuan RMB per year, 450,000 yuan in three years on the Chinese side, and maximum of 50,000 Canadian dollars per year, 150,000 Canadian dollars in three years on the Canadian side.

3. Number of projects to be funded: no more than 3.

4. Time of project implementation: starting from January 1, 2011, no more than 3 years. Annual progress report is needed, and final report at the end of project implementation.

5. Application code: please select appropriate application code in the Department of Medical Sciences when writing applications.

II. Application requirement

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1. Chinese applicant should apply to NSFC, and Canadian applicant to FRSQ. Total number of researchers in the joint team should not be more than 8 (including PI's), and no more than 4 members in the Chinese group.
 2. Chinese applicant should have senior academic title, and be or have been the PI of NSFC's project of 3 years or longer.
 3. Chinese participants with senior academic titles should not undertake, apply or participating in applying NSFC's international project more than once.
 4. Cooperative research should focus on specified problems aiming at improving health and quality of life. Applicant should have the ability of complete cooperative research and making full use of each other's strengthen and enhance interdisciplinary research and encourage participation of young scientists.

III. Guide to applications

1. Application of the Chinese text: Chinese applicant should submit application online on ISIS of NSFC. First select PI log-on system to log on, then hit the International Program section and select new applications and cooperative research, and follow instructions there.
2. Application of the English text: in addition to submitting online the Chinese text, the English version of the application should be provided as attachment. English text of the application should be based on full communication of the cooperating parties and be signed by the collaborators. The English application should be identical for each party, and the peer review will be based on the English version of the application.
3. Additional materials: please attach a copy of the resume of the Chinese applicant in English on the ISIS.
4. Printed copy of the application: please print a copy of the application after completing online submission, apply the official seal of the home institute and send to Division of American and Oceanic Affairs of the Bureau of International Cooperation of NSFC. The printed copy should be identical to the electronic version submitted on ISIS.
5. Deadline of application: 16:00 on August 16, 2010 (post cancellation applicable to printed copy).

Note: applicant should meet all requirement specified in this guide. Failing to meet above requirement will result in not entering evaluation process hence being discarded. For Canadian applicant, please go to FRSQ's website and follow instructions there (<http://www.frsq.gouv.qc.ca/en/index.shtml>) .

IV. contact:

Person of contact: Wei Qin, Chen Huai

Division of American and Oceanic Affairs

Bureau of International Cooperation

NSFC

83 Shuangqinglu, Haidian, Beijing, China

Telephone: 010-62325544

Fax: 010-62327004

email: weiqin@nsfc.gov.cn; chenhuai@nsfc.gov.cn

For Canadian applicants

Person of contact: Joanne Goldberg

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Fax: jgoldberg@frsq.gouv.qc.ca

List of Cooperative Projects Funded Jointly by NSFC and NRF of Korea in 2010

Approved by the 14th meeting of Joint Committee of Sino-Korean on Science 30 cooperative projects between China and Korea have been included in the bilateral cooperative agreement between NSFC and NRF of Korea. Among them there are 19 projects of cooperative and exchange activities, each for 2 years, and 11 bilateral workshops. The following is the list of the projects.

1. The List of Selection of Joint Research Projects (19 projects)

No.	Field	Collaborating Scientists/Institutes	Title
1	Math & Physics	Linsheng YIN, Professor Tsinghua university	Artin L-functions of Quasi-cyclotomic Fields and Quasi-cyclotomic Function Fields 2010.7.1-2012.6.30
		Sunghan BAE, Professor Korea Advanced Institute of Science and Technology	
2	Math & Physics	Qinzhi FANG, Professor Xi'an Jiaotong University	Deformation Properties of Amorphous Polymers Under Complex Stress State (Strength Properties of Nacre Under Tension and Fatigue Loading) 2010.7.1-2012.6.30
		Hyeon Gyu BEOM, Professor Inha University	
3	Math & Physics (Information Sciences)	Zhuo ZHUANG, Professor Tsinghua university	Parallel Crack Propagation Analysis based on DIAMOND/IPSAP and X-FEM 2010.7.1-2012.6.30
		Seung Jo KIM, Professor Seoul National University	
4	Math & Physics	Zhanghai CHEN, Professor Fudan University	Quantum Photonics Using Low-dimensional Wide-band-gap Semiconductor Nanostructures 2010.7.1-2012.6.30
		Yong-Hoon CHO, Professor Korea Advanced Institute of Science and Technology	
5	Chemistry	Hongyuan YAN, Associate Professor Hebei University	Synthesis, Characterization and Performance Evaluation of New Nano-micro Porous Structure Functional Separation Materials 2010.7.1-2012.6.30
		Kyung Ho ROW, Professor Inha University	
6	Chemistry	Zhiming LIU, Professor Beijing University of Chemical Technology	Selective Catalytic Reduction of NO _x Over Pt-based Alloy Catalysts 2010.7.1-2012.6.30
		Seong Ihn WOO, Professor Korea Advanced Institute of Science and Technology	
7	Life Sciences	Zixin DENG, Professor Shanghai Jiao Tong University	Biosynthetic Mechanism of Candicidin/FR-008 and Structural Diversity

		Eung-Soo KIM, Professor Inha University, Department of Biological Engineering	(Mechanism Characterization for FR008-like Polyene Structural Variation from Newly-isolated Streptomyces Species) 2010.7.1-2012.6.30
8	Life Sciences	Zhexue QUAN, Associate Professor Fudan University	Investigation of Pollutant Contamination and Bioremediation Potential in Tide Flats and Seawater Neighboring on The Yellow Sea 2010.7.1-2012.6.30
		Che Ok JEON, Associate Professor Chung-Ang University	
9	Life Sciences	Zigang GE, Professor Peking University	Characterization and Biological Assessment of Novel Functional Scaffolds for Cartilage Regeneration 2010.7.1-2012.6.30
		Gonhyung KIM, Assistant Professor Chungbuk National University	
10	Earth Sciences	Bin XUE, Professor Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences	Long- and Short-term Lake-catchment Land Surface Environment Changes in Response to Natural and Human Impact for East China and Korea Region During the Late Holocene Period 2010.7.1-2012.6.30
		Sangheon YI, Professor Korea Institute of Geoscience & Mineral Resources (KIGAM)	
11	Earth Sciences	Xiangdong WANG, Professor Nanning Institute of Geology and paleontology, CAS	Comparative Researches on Paleontology and Sedimentology of the Paleozoic Sequences between Korean Peninsula and South China 2010.7.1-2012.6.30
		Suk-Joo CHOH, Assistant Professor Korea University	
12	Earth Sciences	YanJun SHANG, Professor Institute of Geology and Geophysics, Chinese Academy of Sciences	Classification of Weathering Zone of Rock Mass for Large-scale Underground Construction Projects (Identification of Unfavorable Geological Conditions Using Reflectance Spectroscopy For Underground Construction Activities) 2010.7.1-2012.6.30
		Hyeong-Dong PARK, Professor, Seoul National University	
13	Engineering & Materials (Chemistry)	Binyuan LIU, Professor Hebei University of Technology	Conversion of Carbon Dioxide by Using Novel Metal Complex and Ionic Liquid Catalysts 2010.7.1-2012.6.30
		Dae-won PARK, Professor Pusan National University	

14	Engineering & Materials	Hao DU, Associate Professor Institute of Process Engineering, Chinese Academy of Sciences	A Fundamental Study on the Reactivity of Lithium and Lithium Compounds in Spent Lithium Battery (A Study on the Reactivity of Lithium and Lithium Compounds) 2010.7.1-2012.6.30
		Namsoo KIM, Associate Professor Seokyeong University	
15	Engineering & Materials	Mingyu LI, Professor Harbin Institute of Technology	Localized Heating and Interconnecting Mechanism of Film Materials By Induction For MEMS Post Low Temperature Packaging 2010.7.1-2012.6.30
		Jongmyung KIM Associate Professor Jeonnan Provincial College	
16	Information Sciences	Wendong ZHANG, Professor North University of China	Efficient VLSI Implementation of Self-adaptive Intelligent (Triple-axis Accelerometer) Sensor System 2010.7.1-2012.6.30
		Jun Dong CHO, Professor Sung Kyun Kwan University	
17	Information Sciences (Engineering & Materials)	Shixun DAI, Professor Ningbo University	Efficient Mid-infrared Emission of Nano-crystalline Chalcohalide Glasses 2010.7.1-2012.6.30
		Jong HEO, Professor Pohang University of Science & Technology	
18	Management Sciences	Mingzhi LI, Associate Professor Tsinghua University	Comparison of Mobile Service Adoption and Usage between Chinese and Korean Users 2010.7.1-2012.6.30
		Jong Woo KIM, Professor Hanyang University	
19	Medical Sciences	Xianglan PIAO, Associate Professor The Central University for Nationalities	Analysis of Geographical Factor on The Origin Discrimination of Crude Drugs Between Korea and China by Chromatographic and Chemical Fingerprinting Studies 2010.7.1-2012.6.30
		Joung Pyo JANG Associate Professor Kyung Hee University	

2.The List of Selection for Joint Seminars (11 projects)

NO	Field	Collaborating	Title/Period/Place
		Scientists/Institute	
1	Math & Physics	Chang LIU, Professor Wuhan University	5th China-Korea Symposium on Advanced Functional Films for

		Chang Kwon HWANGBO, Professor Inha University	Information Aug. 17-21, 2010 Ulsan, Korea
2	Math & Physics	Yuanjing LI, Professor Tsinghua University	China – Korea Seminar on Dark Matter Search and Double Beta Decay Aug.13-17, 2010 Xichuang, China
		Hongjoo KIM, Professor Kyungpook National University	
3	Chemistry	Xiaoliu LI, Professor Hebei University	The 3rd China-Korea Joint Symposium on Frontier of Drug Synthesis June. 28- Jul.1, 2010 Baoding, China
		Kwang-Hyun AHN, Professor Kyung Hee University	
4	Life Sciences	Lirong SONG, Professor Institute of Hydrobiology, CAS	Recent Progresses on Resource Preservation and Exploitation of Microbia and Algae (Joint Seminar for collaboration among Research Resource Centers in Korea and China) Sept. 26-28, 2010 Wuhan, China
		Yeonhee LEE, Professor Korea National Research Resource Center (KNRRC)	
5	Life Sciences	Lizhi ZHOU, Professor Anhui University	Symposium on Conservation of Oriental White Stork's Habitats and Population in China and Korea Dec. 10-14, 2010 Hefei, China
		Shi Ryong PARK, Professor Korea National University of Education	
6	Earth Sciences	Ji SHEN, Professor Nanjing Institute of Geography and Limnology, CAS	Present Earth Surface Processes and Long-term Environmental Changes in East Asia Oct. 6-10, 2010 Jeju Island, Korea
		Yang Dong YOON, Professor Korea Institute of Geosciences and Mineral Resources	
7	Engineering & Materials (Earth Sciences)	Wentao REN, Professor Shenyang Agricultural University	The Development and Prospect of Agricultural Engineering in Northeast Asia Aug.10-18, 2010 Seoul, Korea
		In-Bok LEE, Associate professor Seoul National University	
8	Engineering & Materials	Lin DUANMU, Professor Dalian University of Technology	Joint Seminar of Advances on Human Thermal Comfort(Joint

		KwangWoo KIM, Professor Seoul National University	Seminar of Advances on Human Thermal Comfort and Building Energy Conservation) Aug. 4-6, 2010 Seoul, Korea
9	Information Sciences (Life Sciences)	Ning GU, Professor Southeast University	The 8th China-Korea Symposium on Biomaterials and Nano-Bio Technology Dec. 13-17, 2010 Pyeongchang, Korea
		In-Seop LEE, Research Professor Yonsei University	
10	Management Sciences	Zhen HE, Professor Tianjin University (Jichao XU, Zhongyuan Univ. of Technology)	The 9th Sino-Korean Symposium of Quality Aug. 10-12, 2010 Shengyang, China
		Jai-Hyun BYUN, Professor Gyeongsang National University	
11	Medical Sciences	Gao LI, Professor Yanbian University	Korea-China Joint Symposium on Natural Resources and Folk Medicines in the Changbai Mountain Areas Aug. 27-Sept.1, 2010 Yanji, China
		Hyeun Wook CHANG, Professor Yeungnam University	

Application Guide to Programs of Cooperative Research Projects between NSFC and Academy of Finland and DFG

To promote cooperative research between scientists in China, Finland and Germany, NSFC, Academy of Finland and DFG decide to support cooperative research in the field of inverse problems by jointly funding bilateral or tri lateral research between Chinese, Finnish and German scientists, each project will last for 3 years.

I. Program description

1. Time of project implementation: January 1 2011 to December 31, 2013. Annual progress report is to be submitted by the end of each year and final report required at the end of the project.
2. Level of funding: NSFC's funding will be up to 400,000 yuan RMB per project, including research and travel expenses.
3. Areas of funding: Inverse problems. See attachment for detailed areas.

II. Requirement on application

1. Chinese applicant should have senior academic title, and be or have been the PI of NSFC's project of 3 years or longer.
2. Chinese participants with senior academic titles should not apply or participate in applying NSFC's international project more than once.
3. Chinese PI of on-going international projects and participants with senior academic titles should not apply or participate in applying.
4. Parties in the collaboration should have good basis of cooperation.
5. Finnish and German applicants should follow instructions of AF and DFG to submit before the deadline set by AF and DFG.

III. Guide to Application

1. Chinese applicant should submit application online on ISIS of NSFC (<http://isis.nsf.gov.cn>) . First select PI log-on system to log on, then hit the International Program section and select new applications and cooperative research, and select NSFC-AF-DFG project, and make submission online.
2. Chinese applicant should also attach the English version of the application online.
3. In addition, please print a hard copy of the application and mail to Division of West European Affairs, Bureau of International Cooperation, 83 Shuangqinglu, Haidian, Beijing, 100085 China
4. Deadline for application for electronic and paper version is June 15, 2010 (post mark used for mailed materials).

Note: applicant should meet all requirement specified in this guide. Failing to meet above requirement will result in not entering evaluation process hence being discarded.

IV. Announcement of evaluation results

Evaluation results will be published at the end of 2010 on NSFC's website. The approved project will start from January 1, 2011.

V. Contact of the program management:

Chinese Person of contact: Fan Yingjie, Lu Rongkai Division of American and Oceanic Affairs Bureau of International Cooperation Phone: 62325309, 62325351 Email: fanyj@nsfc.gov.cn, lurk@nsfc.gov.cn	Finish contact person: Mika Tirronen Phone:00 358 9 7748 8255 Email: mika.tirronen@aka.fi
German contact person: Frank Kiefer Phone: 00 49 228 885 2567 Email: frank.kiefer@dfg.de	

Application Guide to Programs of Cooperative and Exchange Projects in Biodiversity under Global Change Framework of NSFC and NSF

I. Program description

According to agreement on enhancing bilateral cooperation in global change between NSFC and NSF framework of cooperation, and to promote the development of new research directions and new areas in biodiversity field (genetic diversity, species diversity and eco functional diversity) and encourage new cooperative relations between scientists in the two countries, both parties have agreed to provide joint support to cooperative research between scientists in China and the US. This program encourages interdisciplinary, inter-organizational and inter-regional research, training and educational activities between Chinese and US scientists, encourage young researchers, post docs, graduate students and undergraduate participation. Exchange activities may include exchange of visitors, students, public web site construction and some workshops.

NSFC will provide maximum of 750,000 yuan RMB for each project of 5 years for international travel, living and other expenses of Chinese scientists, and NSF will provide relevant expenses for US scientists.

Number of project to be funded: 2-3.

Time of project implementation: January 1, 2011 to December 31, 2015

II. Eligibility of application

1. Applicant should have senior academic title. Students may not apply.
2. Applicant should have on-going NSFC projects (ending after December 2010). NSFC projects may include General Program, Young Scientists Fund, Fund for Less Developed Regions, Key Program, Major Program, National Science Fund for Distinguished Young Scholars and Joint Funded Projects.

PI or key members of the project group may only apply for one project of the same type.

III. Requirement of application

1. Based on thorough consultations the US collaborator can submit applications using NSF Fastlane, please see NSF website and follow instructions there.

(http://www.nsf.gov/pubs/2010/nsf10548/nsf10548.htm?WT.mc_id=USNSF_25&WT.mc_ev=click). The evaluation will be done through Fastlane.

2. Chinese collaborator should submit application online on ISIS of NSFC (<http://isis.nsf.gov.cn>). First select PI log-on system to log on, then hit the International Program section and select new applications and cooperative research, and select C03 for the application code. Please print a copy of the application from the system generated pdf file.

Additional materials to be attached on ISIS include:

- 1) Detailed exchange plan
- 2) Detailed budget for Chinese participants
- 3) A copy of English application submit by US collaborator on Fastlane
- 4) A signed letter of confirmation from the US collaborator

3. Electronic application should be confirmed by the home institute and printed copy should have official seal of the home institute and sent to Division of American and Oceanic Affairs, Bureau of International Cooperation (see below for address).

Please note that US applicant should submit preliminary application by May 7, 2010, but Chinese applicant are not required to do so.

IV. Contact person:

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Division of American and Oceanic Affairs

Bureau of International Cooperation

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Department of Life Sciences

Phone: 010-62327197

Dr. Scott D. Snyder

Directorate of Life Sciences, NSF

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V. Mail address:

Division of American and Oceanic Affairs

Bureau of International Cooperation

NSFC

83 Shuangqinglu, Haidian, Beijing, 100085

China

List of Cooperative Projects Funded Jointly by NSFC and CNRS of France in 2010

In 2010, NSFC and CNRS support jointly cooperative project, after call for applications, and evaluations and consultation by both parties, the following 13 project are approved.

	Project title	Collaborator and institute
1	X-ray multi layer membrane interface structure and composition characterization	Wang Zhanshan Tongji University
		Philippe JONNARD University Pierre-et-Marie-Curie, Paris 6
2	Cooperative research on ATLAS experimental physics	Jin Shan Institute of High Energy Physics, CAS
		Emmanuel MONNIER Center for particle Physics of Marseille
3	Analysis and direct numerical simulation of thermal convection stability in square cavity	Tao Jianjun Peking University
		Patrick Le Quere The Computer Sciences Laboratory for Mechanics and Engineering Sciences
4	Infinite dimensional Teichmuller space	Liu Lixin Sun Yat-sen University
		Athanase Papadopoulos Institute de Recherche Mathematique Avancee, University de Strasbourg
5	System of light driven hydrogen generation by non noble metal molecular catalyst based on bio enzyme	Wang Mei Dalian University of Technology
		Marc Fontecave Laboratoire de Chimie et Biologie des Metaux, UMR CNRS-Universite Joseph Fourier-CEA 5249
6	Inhomogeneous dynamic modeling of volatile hazardous heavy metal during combustion process	Liu Jing Huazhong University of Science and Technology
		Daniel Gauthier National center of science and research(CNRS), Processes, materials and solar energy laboratory(PROMES)
7	Technical origin and regional diversity of paleoanthropologic technologies in early stage of early Pleistocene China	Hou Yamei The Institute of Vertebrate Paleontology and Paleoanthropology, CAS
		Eric Boeda C.N.R.S.-UMR7041, Anthropology of Techniques of Space and Territories in Plio-Pleistocene
8	Preparation and research on poly lactic acid based bio degradable nano composite materials	Dan Yi Sichuan University
		Thien-Phap Nguyen Institut des Materiaux Jean Rouxel, CNRS - 2, Rue de la Houssiniere, 44322 Nantes Cedex3, France
9	Short/long range transducer technology of LSPR by carbon based deposit membrane on metallic	Li Musen Shandong University

	nano configurations	Rabah Boukherroub Institut de Recherche Interdisciplinaire(IRI)
10	Model driven UML/MARTE model form verification	Liu Jing East China Normal University
		Frederic Mallet INRIA Sophia Antipolis Mediterranee
11	Digital motion picture restoration technology and development of DSP	Zhang Hongying Southwest University of Science and Technology
		Fan YANG Laboratory of Electronics, Computer Science and Image, University of Burgundy
12	Studies of Ga ₂ S ₃ based chalcogenide glass crystallization dynamics and performance of secondary harmonic wave generation	Tao Haizheng Wuhan University of Technology
		Jean-Luc Adam CNRS/University of Rennes 1
13	Language guided scientific work flow system and applications in virtual selection and research of anti H5N1avian flu virus	Zhang Ruisheng Lanzhou University
		Patrick BRÉZILLON CNRS, LIP6, UMR 7606, Pierre & Marie Curie University(UPMC)

Chinese participant should submit the following materials:

1. Invitation letter for Chinese visitors in 2010
2. Letter confirming the time and place of stay of French visitors (signed by at least one principal visitors from France).

Chinese PI should mail above materials to Division of West European Affairs, Bureau of International Cooperation, 83 Shuangqinglu, Haidian, Beijing, 100085 China, or send by email tolitj@nsfc.gov.cn and xoc@nsfc.gov.cn .

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