

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
AFANASJEV, Anatoli	NAKATSUKASA Takashi	University of Tsukuba	Density functional investigation of nuclear fission and identification of theoretical uncertainties
AMICOLA, Jose	IJIRI Kayoko	Kyoto Sangyo University	The Acculturation of Japanese Culture in Modern Argentine Literature
ASZODI, Attila	OOHASHI Toshitaka	Okayama University	International collaboration on structural-biomechanical function of aggrecan in cartilage
AUNE, Keith	UNO Hiroyuki	HRO	Management of ungulate population for biodiversity conservation
AWANGE, Joseph Langat	FUKUDA Yoichi	Kyoto University	Geodetic approaches to climate change impacts on Australia's water resources
BAGSTAD, Kenneth Joseph	UEHARA Takuro	Ritsumeikan University	The development of ARIES with its application to forest ecosystem services in Toyota City
BAIRD, Andrew Hamilton	HARII Saki	University of the Ryukyus	Species boundaries and hybridization in scleractinian corals
BAUDEN, Frederic	MORIMOTO Kazuo	The University of Tokyo	Codicological Approach to the Practice of Medieval Muslim Intellectuals
BERTRAM, Frank	CHICHIBU Shigefusa	Tohoku University	Study of spatio-time-resolved cathodoluminescence spectroscopy
BRUBACHER, Jeffrey	OKAMURA Kazuko	National Research Institute of Police Science	Developing a plan to study the prevalence and outcome of drug impaired driving in Japan
BRUGNOLO, Furio	URA Kazuaki	The University of Tokyo	Plurilinguism from the 13-14th Century on and Problems of the Rime of Dante Alighieri

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
CAPDEVILLE, Yann	TO Akiko	JAMSTEC	Modelling seismic waves propagating through heterogeneous media with solid-liquid boundaries
CASTRO CASTRO, German Rafael	CHAINANI Ashish	RIKEN	Electronic structure of strongly correlated transition metal silicides
CHANDRA, Kanchan	NAKAMIZO Kazuya	Kyoto University	The Post-Liberalization State and Democracy in India
CHEN, Daniel X.b.	YAMAGUCHI Masaki	Iwate University	Application to Semi-invasive Biosensor of Scaffold Fabricated by 3D printer
CHERNENKO, Volodymyr	HOSODA Hideki	Tokyo Institute of Technology	Structure and dynamics of martensite domain homo interface in ferromagnetic shape memory alloys
CORBET, Patrick	HORIKOSHI Koichi	Waseda University	Diversified studies of the medieval society of Europe from the viewpoint of women's history
DARVEAU, Richard Peters	YOSHIMURA Fuminobu	AICHI GAKUIN UNIVERSITY	Structure and Function of Surface Substances Containing Lipopolysaccharide of Periodontopathogens
DATTA, Ajoy Kumar	MASUZAWA Toshimitsu	Osaka University	Adaptive Distributed Algorithms on Large-Scale Dynamic Networks
DAWSON, John Alan	TODA Yumiko	NIHON UNIVERSITY	International Comparison of Approaches to Food Issues in British and Japanese Retailing
DESAUBRY, Laurent Georges Antoine	KATAGIRI Toyomasa	The University of Tokushima	Elucidation of biological function of estrogen signaling-regulating protein in breast cancer cell
DIJKSTRA, Bouwe	YAMAMOTO Masashi	University of TOYAMA	Empirical analysis of the enforcement on environmental policies

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
EISENSTEIN, Odile	MOROKUMA Keiji	Kyoto University	Theoretical and computational chemical studies of organometallic and homogeneous catalytic reactions
ERRA-BALSELLS, Rosa	NONAMI Hiroshi	National University Corporation Ehime University	Development of soft-ionization mass spectrometry for the speaking cell approach
FEELEY, Malcolm M.	MIYAZAWA Setsuo	Aoyama Gakuin University	Evaluation of the Saiban-in System from the Perspective of Democracy
FUERSTNER, Alois	MURAKAMI Masahiro	Kyoto University	Catalysis-based Total Syntheses of Bioactive Natural Products
GEE, Kent Leonard	OKAMOTO Koji	The University of Tokyo	Advanced array-based acoustic measurements of an obliquely impinging supersonic jet
GETHER, Ulrik	SHIGERI Yasushi	National Institute of Advanced Industrial Science and Technology	Signal transduction mechanisms through neurotransmitter receptors and transporters
GHAVAMI, Mohammad	SANADA Yukitoshi	KEIO UNIVERSITY	Performance of Ultra Wideband System for M2M Communications on Multipath Fading Channels
GIOVANGIGLI, Vincent	AOKI Kazuo	Kyoto University	Fluid-dynamic equations and slip boundary conditions for reacting gas mixtures
GOFF, James Rodney	GOTO Kazuhisa	Tohoku University	Evaluation of earthquake history based on the beach ridge formation at the plains of Tohoku, Japan
GOLLMANN, Dieter	SAKURAI Kouichi	Kyushu University	A study on network computer mechanism secure against insider threat in cyber system
GUPTA, Vijay Kumar	IWATSUKI Nobuyuki	Tokyo Institute of Technology	Design of Autonomously Stabilizing Control System for Biped Walking Robot

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
GUSEV, Vitali	WRIGHT Oliver bernard	Hokkaido University	Development and modelling of novel GHz acoustic metamaterials
HAN, Fu-She	TOMA Tatsuya	Nagoya University	Development of Efficient Metal-Catalyzed Reactions Directed by Green and Sustainable Chemistry
HATAMLEH, Omar	SOYAMA Hitoshi	Tohoku University	Integration of the mechanical surface treatment technology for enhancing metallic materials
HENRY, Claude Raymond Noel	YASUMATSU Hisato	Toyota Technological Institute	Dynamics of catalytic reactions on nanoparticles deposited on semi-conductor and inert materials
HO, Nan-Kuo	GUEST Martin	Waseda University	Symplectic geometry of the tt* equations
HUNGATE, Bruce Arthur	CHENG Weiguo	The National University Corporation Yamagata University	How difference of terrestrial C sequestration limited by N between natural and managed lands
HWANG, Gilgueng	TAKEUCHI Shoji	The University of Tokyo	Research on the multiple cells interactions by selectively addressable magnetic multi-nanoswimmers
ISLAM, Md Tofazzal	OBA Shinya	Gifu University	Studies on profile of antioxidant phenolic compounds in selected cultivars of vegetable amaranths
ISLAM, Khan Md. Shaiful	OBITSU Taketo	Hiroshima University	Efficient feeding strategy for healthy livestock production with local feed resources
IYENGAR, Shanto	KOBAYASHI Tetsuro	ROIS	Application of experimental methods to political communication studies
JAEGER, Wolfgang	IKUHARA Yuichi	The University of Tokyo	Microstructure Research of Interface Phenomena in Functional Materials by Advanced TEM

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
JARVO, Elizabeth R	TOBISU Mamoru	Osaka University	Nickel-Catalyzed Enantioselective Cross-coupling
JOHNSON, Brett Cameron	UCHIDA Noriyuki	National Institute of Advanced Industrial Science and Technology	Contact fabrication technology for low power consumption Ge transistor
KALAINATHAN, Sivaperuman	OKADA Yoshitaka	The University of Tokyo	Thin-film CuGaS ₂ for high efficiency intermediate band solar cells
KARCH, Andreas	SAKAI Tadakatsu	Nagoya University	Real-time Holography for Probe Branes
KNIGHT, Jane	KITAMURA Yuto	The University of Tokyo	A Study on the Diplomatic Functions of Higher Education through its Internationalization
KNOWLES, Scott Gabriel	MATSUMOTO Miwao	The University of Tokyo	Technology, Disaster, and Memory
KRAUSS, Ellis Saunders	TANAKA Aiji	Waseda University	Voters' Attitudes and Politicians' Behavior in Japan
KRILIS, Steven A	ATSUMI Tatsuya	Hokkaido University	The Role of Beta 2-Glycoprotein I in Vascular Health
KUNKEL, Thomas Anthony	TSUZUKI Teruhisa	Kyushu University	Molecular mechanism of mutagenesis
KUZMIN, Yaroslav Vsevolodovich	ONO Akira	MEIJI UNIVERSITY	Further development of obsidian provenance studies: methods and applications
LEVIN, Craig Steven	YAMAYA Taiga	National Institute of Radiological Sciences	Advanced imaging technologies for positron emission tomography

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
LEVY-LEBLOND, Jean-Marc	NAKAMURA Daisuke	Toyohashi University of Technology	Technoscience and Culture in the Contemporary Era
LI, Wu Kevin	INOHARA Takehiro	Tokyo Institute of Technology	Matrix representation of coalition analysis with preference uncertainty in the graph model
LIESS, Otto Edwin	OKADA Yasunori	Chiba University	Algebraic analysis and functional analysis in the study of integral transforms
LIN, Zhiqun	IMAHORI Hiroshi	Kyoto University	Precisely Controlled Nanostructured Functional Materials
LIN, Pengzhi	TANAKA Hitoshi	Tohoku University	Development of a numerical model for evaluating persistence of coastal embankment against tsunami
LITASOV, Konstantin	KAGI Hiroyuki	The University of Tokyo	Mantle-melt interaction in unique ultra-deep island arc xenoliths
LUDI, Georges	NISHIYAMA Noriyuki	Kyoto University	Language competence of plurilingual speaker and its typology in multilingual society
LUNDHOLM, Jeremy Todd	MOMOSE Toshihiko	Ishikawa Prefectural University	Characterization of soil heat flux and stormwater retention in green roof with native plant species
MAES, Bert Urbain Werner	KONDO Yoshinori	Tohoku University	Synthesis of heteroaromatic compounds using catalytic C-H functionalization
MARTIN, Keith Murray	SHIN Seonghan	National Institute of Advanced Industrial Science and Technology	Information exchange and discussion on Japan and UK's technical activities in cyber security
MAZUMDAR, Anupam	YAMAGUCHI Masahide	Tokyo Institute of Technology	Early universe based on inflation and higher derivative gravity

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
MAZUMDAR, Sanjoy	MINAMI Hirofumi	Kyushu University	Cultural Ecological Approach to Disaster Mitigation and Recovery Processes
MCSWEENEY, Christopher Simon	MITSUMORI Makoto	National Agriculture and Food Research Organization	Effect of reducing methane production on metabolic hydrogen flow in the rumen and feed efficiency.
MEZIANE, Tarik	YAMASAKI Hideo	University of the Ryukyus	Fate of Extracellular Polymeric Substances (EPS) matrix in coral reefs
MISHRA, Manoranjan	NAGATSU Yuichiro	Tokyo University of Agriculture and Technology	Study on hydrodynamics involving Korteweg stresses in non-reactive and reactive systems
MOJID, Mohammed Abdul	MIYAMOTO Hideki	Saga University	Measurement of soil dielectric properties using dielectric spectroscopy
MOMPART, Jordi	BUSCH Thomas	Okinawa Institute of Science and Technology Graduate University	Applications of Spatial Adiabatic Passage
MORIMOTO, Richard I.	NAGATA Kazuhiro	Kyoto Sangyo University	Protein Quality Control Mechanism using Nematode and Mammalian Culture Cell
MORING, Beatrice Katy Elisabeth	TAKAHASHI Motoyasu	National University Corporation Ehime University	Budget of Ie, family and household: an empirical historical study of regions in Japan and Europe
MUELLER, Axel Hans Egon	KATAOKA Kazunori	The University of Tokyo	Research on the Complex Polymeric Micellar Structures for Drug and Gene Delivery
MULLER, Gilles	MIYAKE Hiroyuki	Osaka City University	Development of Circularly Polarized Luminescent Switching Molecules based on Lanthanide Luminescence
MYERS, Jeffrey N.	NIBU Ken-ichi	Kobe University	Personalized Therapy for Head and Neck Cancer based on Gene Profiling

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
NIEDZWIECKI, Maciej Jan	KAJIKAWA Yoshinobu	Kansai University	Development of Innovative Adaptive Algorithm for Active Noise Control
ODESSKIY, Mikhail Pavlovich	KOUNO Wakana	Chiba University	Literature of Russian Modernism in Soviet Press
OLUPONA, Jacob Kehinde	KIMURA Takeshi	University of Tsukuba	Comparative Study of African and Japanese Religions: Yoruba and Shinto Traditions in Conversation
PAPPU, Hanumantha Rao	IWAI Hisashi	Kagoshima University	Molecular Approaches to Studying Evolutionary and Genetic Relationships among RNA viruses of Plants
PHILLIPS, Martin Peter	KIKUCHI Toshio	Tokyo Metropolitan University	Comparative Study of Rural Gentrification in Japan and Britain
PRASAD, Awadhesh	SAKAI Kenshi	Tokyo University of Agriculture and Technology	Exploring the Synchronous dynamics in Agricultural systems
QUE, Lawrence	KOJIMA Takahiko	University of Tsukuba	Bioinorganic chemistry related to non-heme iron enzymes
RESICK, Patricia A	HORIKOSHI Masaru	NCNP	Dissemination of Evidence-Based Treatment for Posttraumatic Stress Disorder
REZA, Selim A. h. m.	MASUDA Harue	Osaka City University	Source minerals of arsenic causing contaminated groundwater in southeastern Bangladesh
SACRAMENTO, Pedro Domingos Santos Do	KAWAKAMI Norio	Kyoto University	Theoretical Study of Topological Quantum Phenomena in Condensed Matter
SAGE, Evelyne	SHIKAZONO Naoya	Japan Atomic Energy Agency	Research on clustered DNA damage-induced mutagenesis in budding yeast

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
SCHWARTZ, William Joseph	OKAMURA Hitoshi	Kyoto University	Oscillatory mechanisms of Biological Rhythms
SERAFINI, Mauro	KOMENAMI Naoko	Kyoto Women's University	The dietary management for reducing oxidative and inflammatory stress in disease prevention
SHEPHERD, Joseph Emmett	KASAHARA Jiro	Nagoya University	Study on Detonation Propulsion Application and Hydrogen Explosion Safety for Nuclear Power Plant
STEWART, Mark	HOTTA Harumi	Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology	Impact of epileptic seizures on ovarian sympathetic nerve functions
STOLLEIS, Michael	MATSUMOTO Naoko	Sophia University	Public law study under the war regime from the perspective of Germany-Japan comparison
TAYLOR, Mark Stephen	YAMAGUCHI Shigehiro	Nagoya University	New pi-Conjugated Skeletons for Fluorescent Probes
TOUBER, Emile	CHAKRABORTY Pinaki	Okinawa Institute of Science and Technology Graduate University	Theoretical, computational, and experimental study of shock-turbulence interaction in 2D flows
TURNER, Neal James	INUTSUKA Shu-ichiro	Nagoya University	Non-Ideal Magnetohydrodynamics and Its Observational Signature of Protoplanetary Disks
VALENTE, Pedro Manuel Da Silva Cardoso Isidro	ONISHI Ryo	JAMSTEC	DNS of High Reynolds number non-equilibrium turbulence - Towards new SGS turbulence modeling
VALMALETTE, Jean-Christophe	OHARA Satoshi	Osaka University	Advanced joining of tailor-made metal nanocrystals and carbon nanotubes
VILLENA, Julio Cesar	KITAZAWA Haruki	Tohoku University	Immunobiogenomic studies to advanced analysis of immunobiotic mucosal immunoregulation

List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 1st Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 1st recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan. Under this recruitment, 298 applications were received, among which 110 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of January, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
WALLBERG, Andreas	MAKINO Takashi	Tohoku University	Scans of genomic variation in <i>Apis mellifera</i> and <i>Apis cerana</i> may reveal genes for disease resistance
WEI, Xindong	GAO Weijun	The University of Kitakyushu	Possibility to establish an area energy community by using distributed energy resource
WEISS, Shimon	MISAWA Hiroaki	Hokkaido University	Development of high-precision manipulation technologies of single biomolecules using plasmonic field
WEISS, Ingrid Maria	TANAKA Motomu	Kyoto University	Hierarchical Structure Formations in Biominerals: Integrated Approaches to Cell-Material Interaction
WERZ, Daniel Bodo	NAKAO Yoshiaki	Kyoto University	Studies on Metal-catalyzed Transformations for Efficient Synthesis of Oligosaccharides
WIJAYAGUNARDANE, Missaka Priyadarshana Bandara	TAKAGI Mitsuhiro	Kagoshima University	Nutritional and contamination status of mycotoxin in cattle herd in tropical area
YAMAGATA, Takashi	HAYAKAWA Kazuhiko	Hiroshima University	Econometric analysis of high-dimensional panel data
YIM, Yong-Hyeon	KINUMI Tomoya	National Institute of Advanced Industrial Science and Technology	Development of highly accurate quantification method by mass spectrometry
YOSHIDA, Nobuko	YUEN Shoji	Nagoya University	Time optimization for typed process calculi and programming languages
YU, Jinquan	KAKIUCHI Fumitoshi	KEIO UNIVERSITY	Development of Catalytic C-H Functionalization Reactions and Their Applications
ZHAO, Hongyang	KIMURA Hideo	National Institute for Materials Science	PFM ferroelectric domain control and MSM/TEM magnetic domain observation of Bi- and Hf- thin films