

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
ACHAL Vareniam	Satoru KAWASAKI	Hokkaido University	Development of eco-friendly biogROUT
ANDREA Bocco	Takao OZASA	Hokkaido University	A Cross-Cultural Study Japan/Europe on Architectural and Urban Design to Enhance Local Resilience
BAAN Willem Adrianus	Hiroshi IMAI	Kagoshima University	Exploration of high-density molecular regions probed by cosmic maser emission
BACH Thorsten	Shu KOBAYASHI	The University of Tokyo	Chirality and Light:Enantioselective Catalysis of Photochemical Reactions
BEYER Joern	Masahiro UKIBE	National Institute of Advanced Industrial Science and Technology	Improving the fabrication process of superconducting tunnel junctions by analysis of the defects.
BOYCE Adrian Joseph	Koichiro WATANABE	Kyushu University	Temporal-spatial relation of low/high sulphidation gold deposit in Kyushu: View from stable isotope
CLARK Peter	Masaru YONEYAMA	Tokyo Metropolitan University	Early modern cities in western Europe and Japan ,Guilds and urban wasteland
COMISEL Horia	Yasuhiro NARIYUKI	University of TOYAMA	Study on construction of ion heating model in three-dimensional space plasma turbulence
DYCK Miles Franklin	Yukiyoshi IWATA	National Agriculture and Food Research Organization	Study on nitrate oxide emission during freeze-thaw cycle from agricultural field
EL-GHANNAM Ahmed	Kunio ISHIKAWA	Kyushu University	Artificial bone substitutes and drug delivery system using bioceramics
FACCARELLO Gilbert Jean	Masashi IZUMO	Kanagawa University	The modernity and diversity of classical political economy

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
FISK Zachary	Yoshinori HAGA	Japan Atomic Energy Agency	Single crystal growth and physical properties of strongly correlated actinide compounds
FRANCESCHINI Emilie	Tadashi YAMAGUCHI	Chiba University	Development of total tissue characteristics method with ultra-high-frequency ultrasound
GEER Nathan Colin	Jun MURAKAMI	Waseda University	Research on quantum invariants of knots and three manifolds
ICIN Kornelija	Kumi TATEOKA	Kobe University	Japonism and Adaptation as the Pursuit of Creative Technique in the Period of Avant-Garde
IISMAA Siiri Epp	Soichi KOJIMA	RIKEN	Regulation of diseases by targetting the protein crosslinking enzyme, transglutaminase
ISLAM Md. Aminul	Masahide NISHIBORI	Hiroshima University	Estimation of genetic diversity of Asian native chickens for the genetic conservation
JARMOLA Andrejs	Yasuhiro SHIMIZU	Nagoya University	Development of diamond magnetometry for condensed matter interface
JAYAWEERA Pradeep Piyankarage, Mangala	Masaru SHIMOMURA	National University Corporation Shizuoka University	Structural analysis of self assembled monolayer formed on Ag and TiO <sub>2</sub> nanoparticles
KAISER Klaus	Rota WAGAI	NIAES	Stability of organic carbon in earth surface environment: testing iron control
KANG Byung Ho	Ichirou KARAHARA	University of TOYAMA	Three-dimensional ultrastructural observation of plant cells by electron tomography
KARIM Nurul	Taisei KIKUCHI	University of Miyazaki	Comparative genomics to understand plant parasitism and decication tolerance in Nematoda

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
KASKEL Stefan	Qiang XU	National Institute of Advanced Industrial Science and Technology	Syntheses and applications of functional mesoporous metal-organic frameworks
KASKI Samuel Jarkko Ilari	Hiroshi MAMITSUKA	Kyoto University	Machine learning for augmented research and knowledge work
KEBEDE Seifu Gurmessa	Masami NAKATA	Doshisha University	Developing long-term research projects on Energy-Water nexus and Water Resource Management in Africa
KIM Kyoung-Woong	Kaoru OHE	University of Miyazaki	Development of removal system to improve groundwater contaminated by arsenic and heavy metals
KOPER Marc Theodorus Maria	Kei MURAKOSHI	Hokkaido University	Development on Chemistry of Energy Conversion in Next Generation
KOSEVICH Yuriy	Junichiro SHIOMI	The University of Tokyo	Theoretical investigation of phonon wave effects on thermal transport
KREMP Anke	Satoshi NAGAI	Fisheries Research Agency	Assessment of global dispersal in a novel-phyco toxin producing dinoflagellate in Japanese waters
KRSTIC Miroslav	Xinkai CHEN	Shibaura Institute of Technology	Adaptive control for smart-material-based actuators and its application to nano-positioners
LARONNE Jonathan Benyamin	Daizo TSUTSUMI	Kyoto University	Cooperative research for improving precision of sediment transport monitoring in mountainous streams
LE SI Dang	Hisao YANAGI	NAIST	Polariton lasing in organic low-dimensional structures
LEVEQUE Francois	Kazuhiro UETA	Kyoto University	The Economics and Uncertainties of Nuclear Power

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
LIN Po-Hung	Masanori HASHIMOTO	Osaka University	Low-Power and High-Reliability VLSI Design Methodology
LINDEN Karl Gregory	Kumiko OGUMA	The University of Tokyo	Development of design criteria for UV-LED applications to small water systems
LISSARRAGUE Francois	Yasunori KASAI	The University of Tokyo	Images and Visual Arts in Ancient Greece-Battles with and without Armour
LIU Hua	Hitoshi TANAKA	Tohoku University	Numerical simulation of tsunami propagating into a river using Boussinesq model and AMR
MACCHI CASSIA Viola Marina	Masami YAMAGUCHI	Chuo University	Developmental study on face recognition
MADRID Yolanda	Yasumitsu OGRA	Chiba University	Speciation of trace elements in food by mass spectrometry
MARKOWICH Peter Alexander	Shigeru TAKATA	Kyoto University	Kinetic theory approach to cluster dynamics
MARRIOTT Gerard Joseph David	Chao-nan XU	National Institute of Advanced Industrial Science and Technology	Development and biomedical applications of mechano-luminescent probes
MARZOUKI Samir	Noriyuki NISHIYAMA	Kyoto University	Genesis and challenges of multilingual society in Tunisia
MEDLEY John Bingham	Yoshinori SAWAE	Kyushu University	Biotribology of joint prosthesis and tissue engineered cartilage for functional joint repair
MEIER-GRAEWE Uta	Miyoko MOTOZAWA	University of Tsukuba	Effects of Family Policy and Gender Policy in Germany and Japan

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
MURUGAN Kadarkarai	Syuei BAN	USP	Impact of climate change on control of the disease-vector mosquito at different climatic regions
NOLAN Steven Patrick	Kyoko NOZAKI	The University of Tokyo	Catalytic Properties of Transitionmetal/N-Heterocyclic Carbene Complexes
O'HARA SLAVICK Elin	Charles WORTHEN	Hiroshima City University	After Hiroshima / Fukushima Now: utilizing imaging techniques to visualize radiation and its effects
ODINTSOV Sergey Dmitrievich	Shin'ichi NOJIRI	Nagoya University	Singular inflation and unification of (singular) inflation with dark energy
OGANOV Artem R.	Naoto UMEZAWA	National Institute for Materials Science	Computational crystal structure prediction for novel inorganic materials
OKARMA Henryk Wladyslaw	Hiroshi SATO	Yamaguchi University	Research cooperation in planning countermeasures against problems caused by invasive alien raccoons
OSLER Audrey Helen	Yoriko HASHIZAKI	Nara University of Education	A study on citizenship education and the role of teacher education in a globalized age
PAPKOV Irina Andre	Norihiro NAGANAWA	Hokkaido University	The Orthodox Church in Japan Seen from the Orthodox World: Multinationality and Gender
PARGA CARBALLEDA Nestor Omar	Tomoki FUKAI	RIKEN	Dynamics of non-random cortical circuits in spontaneous activity and decision making
PENG Shie-Ming	Hiroki OSHIO	University of Tsukuba	Construction of functional molecular wires
RICHARDS Zoe Trisha	Nina YASUDA	University of Miyazaki	Into the Blue; Unlocking the secrets of a living fossil <i>Heliopora coerulea</i>

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
RICHARDSON Des R.	Shinya TOYOKUNI	Nagoya University	Dissection of the role of iron in the pathogenesis and treatment of neoplasia
ROBERT Marc Philippe	Osamu ISHITANI	Tokyo Institute of Technology	Development of electrochemical and photochemical reduction of carbon dioxide
SCHAUFELI Wilmar Bernardus	Akihito SHIMAZU	The University of Tokyo	Evaluation and intervention system on occupational positive mental health
SEVERINSSON Elisabeth	Megumi HARUNA	The University of Tokyo	Patient Safety in Healthcare Professionals' Education and Practice.
SEYMOUR Roger S	Kikukatsu ITO	Iwate University	Thermoregulation in plants
STEPHENS Gary John	Sumiko MOCHIDA	Tokyo Medical University	Functional study of SUMOylation on presynaptic calcium channels
STREUBEL Rainer	Norihiro TOKITOH	Kyoto University	Studies on Novel Small-molecules Activation Utilizing Phosphorus Small-ring and Radical Species
SUKI Bela	Michiaki MISHIMA	Kyoto University	Physiological and biomechanical changes in the lung during aging
THRUSFIELD Michael Victor	Kohei MAKITA	RAKUNO GAKUEN UNIVERSITY	Facilitation for establishment of veterinary epidemiology education in Japan
TITOV Alexander Ivanovich	Atsushi HOSAKA	Osaka University	Nonlinear dynamics under extremely intense laser field
TROMP Rudolf Maria	Yukiko YAMADA-TAKAMURA	JAIST	Cutting-edge in-situ microscopy for two-dimensional materials

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
TUUKKANEN Juha Kaarlo	Miho NAKAMURA	Tokyo Medical and Dental University	Development of polymer-inorganic composites with osteoclast bioresorption for bone regeneration
VILLERMAUX Emmanuel	Chihiro INOUE	The University of Tokyo	Theoretical Modeling of Self-Similarity Atomization of Droplet in Sparkling Fireworks
WANG Dunwei	Kenji KATAYAMA	Chuo University	Design, Synthesis, and Understanding of Materials for Advanced Energy Conversion and Storage
WENNEMERS Helma	Hisashi YAMAMOTO	Chubu University	Development of Peptide Asymmetric Catalysis for Carbon-Carbon Bond Formation
WILLIAMS David Ransom	Hidetoshi TOKUYAMA	Tohoku University	Novel C-C Bond Formation using Pericyclic Reaction and Application to Synthesis of Natural Products
WLODAWER Alexander	Toshiya SENDA	High Energy Accelerator Research Organization	Advanced structure analysis for biological macromolecules using synchrotron and neutron radiations
WYATT Tristram Dick	Kazushige TOUHARA	The University of Tokyo	Pheromones and animal behavior
XIA Yong Yao	Kiyoshi KANAMURA	Tokyo Metropolitan University	Development of the advanced electrodes for the high power density energy storage devices
XIAO Yun-Feng	Sile NIC CHORMAIC	Okinawa Institute of Science and Technology Graduate University	Whispering Gallery Resonators for Sensing Applications
YAN Yuling	Chi ZHU	Maebashi Institute of Technology	Decoding Approaches of Brain Information with EEG Signals for Brain-Assistive Robotic Systems
YANG Wuqiang	Masahiro TAKEI	Chiba University	Thrombus visualization measurement in blood flow by process tomography

## List of Fellows (Invitation Fellowship Short-term FY2015): Selected through 2nd Open Recruitment

The following list includes the names of the selected fellows, their host researchers and research themes under the 2nd recruitment of FY2015 JSPS Invitation Fellowship for Research in Japan (Short-term). Under this recruitment, 294 applicants were received, among which 80 fellowships were awarded. Notification of the selection results will be made in writing through the head of the applying institution in the middle of August, 2015.

Fellow' name (Family/First/Middle)	Host Researcher	Host Institution	Research Theme
YAU Andrew	Takumi ABE	Japan Aerospace Exploration Agency	Plasma acceleration and transport processes in the terrestrial ionosphere and magnetosphere
YOUNG Graham	Makoto KUSAKABE	The University of Tokyo	Mechanisms controlling timing of breeding that ensure the isolation of two stickleback ecotypes
ZHONG Chuanjian	Masato TOMINAGA	Kumamoto University	Research on electrocatalytic reaction for target of fuel cell and biomolecular devices