

# JSPS Postdoctoral Fellowship for Overseas Researcher

## FY 2017 Tohoku

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
WINDLEY, H. R.  AUSTRALIA	Temperature-dependent increases in the toxicity of natural plant compounds	National Research and Development Agency Forest Research and Management Organization SHIMADA, Takuya Group leader Tohoku Research Center, Forestry and Forest Products Research Institute	May 15, 2017~ May 14, 2019	Tohoku Iwate
ALAM, M.  BANGLADESH	Contribution of NRF2-dependent anti-oxidant response to sulfur metabolism for anti-aging	Tohoku University MOTOHASHI, Hozumi Professor Institute of Development, Aging and Cancer	May 3, 2017~ May 2, 2019	Tohoku Miyagi
TALUKDER, A. H.  BANGLADESH	Central mechanism of hyponatremia in adrenal insufficiency: development of therapeutic strategy	Tohoku University ITOI, Keiichi Professor Graduate School of Information Sciences	Nov 19, 2017~ Nov 18, 2019	Tohoku Miyagi
XIA, Y.  CHINA	A preparation and optical property study of Nanostructured-Metal Materials	Tohoku University HIRATA, Akihiko Associate Professor Advanced Institute for Materials Research	Nov 30, 2017~ Nov 29, 2019	Tohoku Miyagi
YU, L.  CHINA	Seeing the driving principle of a chemical reaction by laser-pump-electron-probe spectroscopies	Tohoku University TAKAHASHI, Masahiko Professor Institute of Multidisciplinary Research for Advanced Materials	Oct 30, 2017~ Oct 29, 2019	Tohoku Miyagi
THOMA, V.  CYPRUS	The neuroethology of feeding in jellyfish	Miyagi University of Education DEGUCHI, Ryusaku Professor Faculty of Education	Apr 1, 2017~ Mar 31, 2019	Tohoku Miyagi
REIM, J. D.  GERMANY	Stabilization of skyrmion lattice in chiral magnets	Tohoku University SATO, Taku Professor Institute of Multidisciplinary Research for Advanced Materials	Apr 1, 2017~ Sep 30, 2018	Tohoku Miyagi
BAINSLA, L.  INDIA	Tunnel magnetoresistive devices with new spin-gapless semiconductor and their electric field effect	Tohoku University MIZUKAMI, Shigemi Professor Advanced Institute for Materials Research	Apr 1, 2017~ Mar 31, 2019	Tohoku Miyagi

BISWAS, S.          INDIA	Studies on Syntheses and Physical Properties of Superconducting Single-Molecule Quantum Magnets	Tohoku University YAMASHITA, Masahiro Professor Advanced Institute for Materials Research	Jun 22, 2017~ Jun 21, 2019	Tohoku Miyagi
PATI, S. P.          INDIA	Voltage controlled spin-wave resonance in magnetic 2D structures	Tohoku University ENDO, Yasushi Associate Professor Graduate School of Engineering	Apr 1, 2017~ Mar 31, 2019	Tohoku Miyagi
DALAIBUYAN, B.          MONGOLIA	Impacts of global resource use dynamics on local sustainability challenges: the case of Mongolia	Tohoku University TAKAKURA, Hiroki Professor Center for Northeast Asian Studies	Jul 5, 2017~ Jul 4, 2019	Tohoku Miyagi
HAKEEM, M. M.          PAKISTAN	Evolution of Japanese Trade Network and Free Trade Agreements(FTAs)	Tohoku University SUZUKI, Kenichi Associate Professor Graduate school of Economics and Management	Apr 1, 2017~ Mar 31, 2019	Tohoku Miyagi
BARTOSIEWICZ, K. A.          POLAND	Development of multi-component garnet scintillators for Medical applications	Tohoku University YOSHIKAWA, Akira Professor Institute for Materials Research	Nov 9, 2017~ Nov 8, 2019	Tohoku Miyagi
MARTINEZ CALDERON, C. M.          EL SALVADOR	Magnetospheric and ionospheric properties of ELF/VLF waves with conjugate ground-space measurements	Tohoku University KATO, Yuto Associate Professor Graduate School of Science	Apr 10, 2017~ Apr 9, 2019	Tohoku Miyagi
VO, C. H.          VIET NAM	Modification of littoral system due to combined tsunami and floods and its subsequent recovery	Tohoku University TANAKA, Hitoshi Professor Graduate School of Engineering	May 9, 2017~ May 8, 2019	Tohoku Miyagi
MA, J.          CHINA	Study of Rapid Detection Technology and Toxicological Evaluation of Frying Oil	Akita Prefectural University ZHANG, Han Associate professor Faculty of Bioresource Sciences	Nov 1, 2017~ Oct 31, 2019	Tohoku Akita