

Main grant winners (Titles omitted)

Multi-year research grants (3 years)

Name	Affiliation	Position	Research theme
Yoshiaki Sugimoto	Graduate School of Frontier Sciences, The University of Tokyo	Associate professor	Identification and free manipulation of dopant atoms in a silicon substrate
Shohei Saito	Department of Chemistry, Graduate School of Science, Kyoto University	Associate professor	Development of supramolecular polymeric hybrid materials using excited π -stacking structures, and creation of method to simulate them
Kuniharu Takei	Graduate School of Engineering, Osaka Prefecture University	Professor	Flexible sensor system for simple and early diagnosis of sleep apnea syndrome at home
Yi Shuang	Advanced Institute for Materials Research, Tohoku University	Assistant professor	Forming nitride phase-change memory materials without an amorphous state
Jun-ichi Shirakashi	Institute of Engineering, Tokyo University of Agriculture and Technology	Professor	Autonomous fabrication of single-atom junctions using quantum computing: using combinatorial optimization with a quantum/classical hybrid algorithm to find experimental parameters and apply them in atom junction fabrication experiments
Masahiko Takahashi	Institute of Multidisciplinary Research for Advanced Materials, Tohoku University	Professor	Pioneering research on new pharmacological similarity indicators based on the shape of frontier molecular orbitals
Kazuhito Dobashi	Broad-Scope Natural Sciences, Faculty of Education, Tokyo Gakugei University	Professor	Development of a high-performance internet telescope that will enable astronomical observations during daytime classes, and its implementation in distance learning

One-year research grants

Name	Affiliation	Position	Research theme
Le Duc Anh	Department of Electrical Engineering and Information Systems, Graduate School of Engineering, The University of Tokyo	Associate professor	Crystal growth techniques for superconducting/ferromagnetic semiconductor hybrid structures for the realization of large-scale quantum information computing, and the formation and control of their topological properties

Hiroya Sugimoto	Department of Electrical and Electronic Engineering, Tokyo Denki University	Associate professor	Principle and testing of ultra-low-loss bearingless graphite motors
Toshiaki Kato	Graduate School of Engineering, Tohoku University	Associate professor	Large-scale integration of ballistic graphene Josephson junctions
Atsushi Komuro	Graduate School of Frontier Sciences, The University of Tokyo	Assistant professor	Research on CO ₂ decomposition technology using discharge plasma in low-temperature, low-pressure environments
Takashi Ikuno	Department of Applied Electronics, Faculty of Advanced Engineering, Tokyo University of Science	Associate professor	Development of technology for high-speed conversion of plastic into single-walled carbon nanotubes, with the aim of upcycling for electronic devices
Nobuhiro Yanai	Graduate School of Engineering, Kyushu University	Associate professor	The rational transcendancy of spin selection rules in photon upconversion
Yuya Tanaka	Laboratory for Chemistry and Life Science, Institute of Innovative Research, Tokyo Institute of Technology	Assistant professor	Development of binuclear organometallic molecular thermoelectrics
Yoichi Nii	Institute for Materials Research, Tohoku University	Assistant professor	Development of a nonlinear microwave microscope and nanoscale imaging of symmetry violation
Lim Hong En	Materials Science Department, Graduate School of Science and Engineering, Saitama University	Assistant professor	Creation of a new one-dimensional photoelectric material using atom-thin wires
Takuya Kurahashi	Department of Chemistry, School of Science and Technology, Kwansei Gakuin University	Professor	Development of molecular resists with the aim of realizing ultra-high-resolution photolithography

Ayaka Kanai	Department of Electrics, Electronics and Information Engineering, Nagaoka University of Technology	Assistant professor	Development and establishment of a new electron transport control method through gradient band design in compound solar cells, using next-generation inexpensive and non-toxic sulfide semiconductors
Teppey Yamada	Department of Chemistry, Graduate School of Science, The University of Tokyo	Professor	Creation of recycled thermocells
Haruka Takayama	Department of Economics, University at Albany, State University of New York	Assistant professor	Does Trade with Multinationals Induce Greener Production? Evidence from the Bangladesh Fashion Industry
Sawako Shinomiya	Department of Sociology, Anthropology, and Philosophy, University of Exeter	First-year PhD student	How was the Concept of Autism Transferred to Japan? Historical Sociological Analysis on the Globalisation of Expertise
Midori Matsushima	Faculty of Humanities and Social Sciences, University of Tsukuba	Associate professor	RCT to assess the impact of toilet facilities on improving health and preserving women's dignity: focussing on the benefit of public facilities and their geographical spread
Makoto Watanabe	Kyoto Institute of Economic Research	Professor	New developments in trading intermediation research: research into the side-effects of innovation and improved efficiency in intermediation technology
Yutaro Izumi	Policy Studies Postgraduate, National Graduate Institute for Policy Studies	Assistant professor	Business transactions between corporations and female business owners
Kiyoshi Furukawa	Intermedia Art, Fine Arts Department, Tokyo University of the Arts	Professor	Connecting sounds, connecting people: a new way to play with sound using mobile media
Tomohisa Ishio	Faculty of Law, Institute of Human and Social Sciences, Kanazawa University	Lecturer	Formulating a basic theory on the obligation of digital platforms to disclose information: comparative legal considerations with legislative developments in French and European law

Koji Ota	Faculty of Humanities, Niigata University	Associate professor	Psychological processes involved in ethical judgments on human-animal chimerism: an empirical analysis through international comparison
Kosuke Togashi	Research Center for Regional Conflicts, Department of Policy Studies, Doshisha University	Associate professor, deputy director of the research center	Research on international involvement to control intensifying conflicts: integrating theory and case studies on peace mediation and conflict dynamics