

Cooperation with Industry

Organizational Cooperation

Tohoku University facilitates organized cooperation with private enterprises and research institutes, and promotes practical cooperation in all areas where mutual cooperation is possible, such as research and development, human resources development, and in its responsibilities to the regional community.

Agreement Concluded	Company/ Institute	Objective
January 19, 2006	Hitachi, Ltd.	Collaborative research and mutual exchange in the field of electricity, information, materials and mechanics.
January 31, 2006 February 20, 2014 revised	National Institute of Advanced Industrial Science and Technology (AIST)	Collaborative research in the field of environment, materials, information and telecommunication, and electronics, etc. In February, 2014, concluded an amendment and supplementary agreement to the existing cooperation agreement regarding Industry-University-Government Cooperation for reconstruction from the Great East Japan Earthquake.
February 21, 2006	National Institute of Radiological Sciences	Training professionals in advanced specialties of molecule imaging research PET (positron emission tomography).
July 27, 2006	Seiko Epson Corporation	Promotion of collaborative research, mutual exchange of researchers, education and development of human resources, and international student assistance for the advancement of international exchange.
December 26, 2006 December 26, 2011	Kahoku Shimpo Publishing Co.	Work together effectively and efficiently in the areas of research and investigation, event co-sponsorship and collaboration, human resource development, etc. while connecting the educational and research functions of Tohoku University and the news coverage and information service functions of Kahoku Shimpo.
January 31, 2007	77 Bank, Ltd.	Provide support and exchange information regarding Tohoku University-based start-ups; coordinate matching between Tohoku University's seeds and regional companies; and provide technical advice and promote exchange of human resources.
March 6, 2007	DOWA Holdings Co., Ltd.	Promote joint research and mutual exchange of researchers, foster young researchers, and establish mutual use of research institutes and facilities.
August 3, 2007	Japan Aerospace Exploration Agency (JAXA)	To develop collaborative research and to promote the education of scientists through interdisciplinary studies of cosmic and aeronautical science, including various fields such as bioscience.
July 25, 2008	Central Institute for Experimental Animals	Collaborative research in the field of life science, biological science, material science, psychology and social science, and the cultivation and interaction of human resources.
February 19, 2009	High Energy Accelerator Research Organization (KEK)	Promotion of cooperative research in the field of elementary particle/nuclear physics, physics/life science and accelerator science, and strengthening cooperative research systems.
March 9, 2009	National Institute for Fusion Science	Promotion of fusion reactor research, education and exchange of human resources.
April 14, 2009	Riken	To develop diverse academic fields such as theory and experiments, and the fusion of computational science and computer science; create innovations through computational science; foster human resources who will be active globally; and promote the exchange of faculty and researchers.
February 12, 2010	NTT, NTT East	Further expansion of coordinated cooperation in the fields of information and communications, extension and revitalization of educational and research activities, and promotion of interdisciplinary research and development.
June 4, 2010	Sumitomo Metal Mining Co., Ltd.	Further expansion of collaborative research, mutual exchange and human resource development in order to promote research relating to nonferrous metal materials.
July 26, 2011	Tokio Marine & Nichido Fire Insurance Co., Ltd.	Promotion of cooperation and collaboration in research and development, human resource development and other fields of mutual interests related to risk evaluation of earthquakes and tsunamis.
November 10, 2011	Sendai City, University of Tsukuba	Promotion of research and development of algal biomass capable of producing petroleum components from household wastewater, aiming for realization of a fuel production model and new circulation system.
November 22, 2011	IBM Japan, Ltd.	Promotion of cooperation and collaboration in research and development, human resource development and other fields of mutual interests related to risk evaluation of major earthquakes/tsunamis and disaster mitigation technologies.
January 19, 2012	National Institute of Information and Communications Technology (NICT)	Effective and efficient promotion of research on information communication technologies to reinforce information communication networks and its disaster-proof applications towards creation of a more disaster-resilient society.
October 16, 2012	Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Promotion of cooperation and collaboration in the area of collaborative research and projects; mutual exchange of students and researchers and fostering human resource; information exchange on academic materials and research reports etc.; utilization of facilities and equipment.
August 1, 2013	Toshiba Corporation	Foster cooperation and coordination in areas with potential synergy, such as research and development, human resources development etc. in research areas related to "Research and Development of Health Care Big Data."
November 12, 2013	National Institute for Materials Science (NIMS)	Contribute to the promotion of science and technology and societal development through cooperative research and development, shared use and management of research facilities, and personnel exchange etc. in material science fields.
December 18, 2013	Tohoku Regional Bureau Ministry of Land, Infrastructure and Transport	Promote and enhance cooperation and coordination to improve disaster protection functions, and facilitate sustainable development of local communities by building on the long-term trust fostered between the parties.
August 1, 2014	Japan Agency for Medical Research and Development (AMED)	Promotion of cooperation and collaboration in novel drug discovery aimed at creation of innovative medicines.

Cooperation with Community

The Science Café・Liberal Arts Salon

The Science Café provides an opportunity for high school students and the general public to get up close with university scientists in a casual setting. Participants can hear about scientific research developments at the university and learn how they contribute to our wider community.

The Liberal Arts Salon invites all those interested in themes related to humanities and social sciences to join in these talk sessions. Liberal arts often focus on topics of human interest to cultivate critical thinking and general intellectual ability.



The Science Café

Tohoku University Innovation Fair 2015

Date	Program Content	Venue
December 9, 2015	Introductions and presentations of advanced research in the fields of manufacturing technology, medical devices, agriculture, nanotechnology/materials, environment/energy and information communication etc. Featured exhibitions of disaster reconstruction, fuel cell and electrical vehicle related research projects.	Sendai International Center

Extension Courses

Tohoku University is constantly making efforts to play the leading roles in educational and academic activities in the Tohoku region. Meeting the community's needs, it provides extension courses and public lectures for lifelong learning of citizens. In FY 2015, the University organized 87 extension courses including on-demand high school classes and 3 public lectures, which were well received in various academic fields. Tohoku University has continued these educational activities made understandable for the public to strengthen cooperation with the community and for the purpose of disseminating information. As a result of these activities Tohoku University has maintained its position as a well-respected university.