

Divisions	Achievements
Graduate School / Faculty of Arts and Letters	Prof. Koichi Hasegawa was awarded the 2008 Abe Jiro Cultural Prize. International COE Symposia on Social Stratification and Inequality in twice.
Graduate School / Faculty of Education	International Symposium on Schools-Communities Collaboration: Through the Challenges of Citizenship Education in England.
Graduate School / School of Law	Tsinghua-Tohoku Workshop: New Social Issues in the Age of Globalization. Kick-off Seminar: Looking for New Social-Justice in a Globalizing World - From the Perspective of Gender Equity and Multicultural Conviviality.-
Graduate School of Economics and Management/ Faculty of Economics	Starting Service Innovation and Human Resources Development Program entrusted by Japan Society for the Promotion of Science (JSPS.) Starting Core Curriculum of Accounting Schools sponsored by the Ministry of Education, Culture, Sports, Science and Technology.
Graduate School / Faculty of Science	Prof. Kunio Inoue was awarded the 5th Japan Society for the Promotion of Science Prize for The Precision Measurement of Reactor Neutrino Oscillations. Prof. Masahiro Terada received the 26th CSJ Award for Creative Work from the Chemical Society of Japan for Development of Organocatalysts Based on Hydrogen Bonds as Key Interaction. Prof. Akihiko Yukie received 2009 Algebra Prize from the Mathematical Society of Japan for his arithmetic and geometric research on prehomogeneous vector spaces. Assistant Prof. Takafumi Sato received 2009 Young Scientist Award from the Ministry of Education, Culture, Sports, Science and Technology. A group led by Associate Prof. Takeshi Kakegawa has presented a new hypothesis of Origin of Life: Amino acid formation by oceanic meteorite impact.
Graduate School / School of Medicine	Opening Health Sciences Program. Starting Global COE for Conquest of Signal Transduction Diseases with Network Medicine. Selected for Good Practice (GP), Program for the Promotion of High-Quality University Education: Building a Medical Education System to bring up a Research Mind. Discovery of Neural Relay Mediating Proliferation of Insulin-Producing Cells. Explaining synchronous activity of neurons in the prefrontal cortex at the moment of problem solving - Creativity emerges from synchronous interactions of neurons.-
Graduate School / School of Dentistry	The 3rd International Symposium for Interface Oral Health Science on the theme of tissue regeneration and biomaterials. The 1st Tohoku-Forsyth Symposium that aimed to promote international exchange among young scientists and graduate students. Prof. Osamu Suzuki has developed of a novel biomaterial (low crystalline OCP) to enhance normal bone remodeling. Selected for MEXT Research and Education Funding: Highly-functional Interface Science: Innovation of Biomaterials.
Graduate School of Pharmaceutical Sciences / Faculty of Pharmacy and Pharmaceutical Sciences	Associate Prof. Sumio Otsuki received the 2008 ISSX Asian-Pacific New Investigator Award for explaining molecular mechanism of transporting at the blood-brain barrier. Associate Prof. Naoki Kanoh received 2008 Incentive Award in Synthetic Organic Chemistry, Japan for Synthesis and Chemical Biology of Bioactive Natural Products.
Graduate School / School of Engineering	Technical Contributions to the investigation of the 2008 Iwate-Miyagi Inland Earthquake by Department of Civil Engineering. Opening a branch school at Rokkasyo Village, Aomori for human resource development by Quantum Science and Energy Engineering Department. A group led by Prof. Junichi Koike has developed a new Cu alloy for low-resistivity TFT electrode in flat-panel displays. A group led by Prof. Mikio Konno has developed magnetic particles with uniform sizes and responses to a magnetic field. A group led by Prof. Shigetoshi Sugawa has developed and made a practical use of an image sensor with high sensitivity and wide dynamic range. Prof. Migaku Takahashi received ICHIMURA Industrial Prize for the development and practical application of ultra clean sputtering apparatus for extremely high density hard disk and heads fabrication. Launch of micro-satellite "RISING" developed by a group led by Prof. Kazuya Yoshida
Graduate School of Agricultural Science / Faculty of Agriculture	Prof. Kinya Toriyama discovered retrograde signaling of fertility restoration in cytoplasmic male sterility in rice. Prof. Kazuo Morozumi has developed Recycling Basin Economic Area that makes the most use of regional resources. Prof. Tadao Saito has discovered new lactic acid bacteria recognizing human blood type antigen for prevention measures and treatments of intestinal disease.
Graduate School of International Cultural Studies	International symposium on Culture in Interaction and Language. Associate Prof. Jeong-soo Yu and Mr. Kosuke Toshiki received Outstanding Paper Award from the Japan Macro-Engineers Society.
Graduate School of Information Sciences	Starting The Information Literacy Education Professional Program supported by MEXT Program for Improving Graduate School Education. The 2nd Seminar on Science Integration with the cooperation of alumni and incumbent faculty members.
Graduate School of Life Sciences	The International Prize for Biology Commemorative Symposium and Dr. David Tilman's Lecture, "Ecology for the Changing World" sponsored by JSPS, Graduate School of Life Sciences and The global COE program "Center for Ecosystem Management Adapting to Global Change." Finding a male-specific neuronal cluster in the brain that can initiate male-sexual behavior.
Graduate School of Environmental Studies	The 18th Environmental Forum: Regional Role to Achieve Sustainable Societies -From View Point of Socio-economic System. The 6th Environmental Technology Symposium: 1 Kw World, How much do you know?
Graduate School of Biomedical Engineering	First Anniversary Symposium by Graduate School of Biomedical Engineering.

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Graduate School of Educational Informatics Research Division	Development of ICT experts using Internet School of Tohoku University.
Institute for Materials Research	Succeeded in realizing spin-motive force, a basis of the conversion of magnetic to electrical energy. Succeeded in synthesis of a hydride with lithium fast-ion conductivity at room temperature. Showing Electric-field-induced Superconductivity in an Insulator.
Institute of Development, Aging and Cancer	Explaining molecular mechanisms of regulating fate determination of germ cells that generate next generations. Identification of MDL-1 as a novel osteoclastogenesis-promoting receptor.
Institute of Fluid Science	Professor Emeritus Kenichi Nanbu was awarded the Purple Ribbon Medal for his research on fluid science. Prof. Seiji Samukawa received ICHIMURA Academic Award for developing low damage and highly precise processing by Pulse-Time-Modulated Plasma.
Research Institute of Electrical Communication	Prof. Masataka Nakazawa received the Prime Minister Prize, the 7th Award for Persons of Merit in Industry-Academia-Government Collaboration. Prof. Kazuo Tsubouchi received the Minister of Education, Culture, Sports, Science and Technology Prize, the 5th Award for Persons of Merit in Industry-Academia-Government Collaboration. Prof. Norio Shiratori received 2009 Prize for Science and Technology (Research Category), the Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology.
Institute of Multidisciplinary Research for Advanced Materials	Development of a soft-X-ray microscope enabling one shot imaging of cell activities. Application of a new shape memory alloy Cu-Al-Mn for medical devices. Associate Prof. Akira Yoshikawa received The 22th High Technology Award and German Innovation Award 2008. Application of organic-inorganic hybridized nano-crystals array for photonics.
Center for Northeast Asian Studies	An exhibition of Ethnography of Siberian Nomads: Reindeer! Reindeer!! Reindeer!!! Lifestyle in the Coldest Place on Earth
Center for the Advancement of Higher Education	Development of the Digital Course Wear (DCW) system to release the whole lecture information. Symposium commemorated the University's 60th anniversary of the introduction of a new system: Bringing up of the 21st century citizen and its Liberal Arts Education,
The Center for Academic Resources and Archives	"The Story of Tohoku University Treasures" was published in collaboration with Tohoku University Library and others.
International Advanced Research and Education Organization	Development of talented young researchers on interdisciplinary studies by selecting Doctoral and Master's course students and employing Research Fellows.
Cyclotron and Radioisotope Center	Completed a prototype device for PET with high-speed and high-energy resolution to diagnose breast cancer. Carried out clinical applications of our original [¹⁸ F]Fact, [¹¹ C]BF-227, medication for early diagnosis of Alzheimer's disease. Conducted an experiment for semiconductor laser irradiation with the world's top-level neutron beam intensity.
New Industry Creation Hatchery Center (NICHe)	Prof. Kazushi Yamanaka received the Prize for Science and Technology (Research Category) by the Minister of Education, Culture, Sports, Science and Technology.
Center for Interdisciplinary Research	Prof. Tetsuo Endoh has promoted a joint research on a Vertical Structured Device with Stanford University, which led a reciprocal department agreement with CIS of Stanford University.
Cyberscience Center	The Supercomputer SX-9 of Cyberscience Center achieves the world's fastest speed in 19 of 28 areas evaluated on the HPC Challenge Benchmark
Tohoku University Library	Special exhibition: Happy Arithmetic to commemorate the tercentennial anniversary of Takakazu Seki's demise. Digitizing and posting 7,512 materials for Japanese mathematics on the library's website.
Tohoku University Hospital	Starting Tohoku Advanced Medical Specialist Career Path Support System as a part of University Hospitals Collaborative Project to Develop Advanced Medical Specialists by Ministry of Education, Culture, Sports, Science and Technology. Establishment of Career Path Support Center. Promotion of fundamental researches and clinical application by the Innovation of New Biomedical Engineering Center. (Designated as Super Clusters for Innovative Medical Treatment by the Cabinet Office.) Concluded an Agreement on Infection Prevention Measures among Miyagi Prefecture, Tohoku University Graduate School of Medicine and Tohoku University Hospital. Dispatched a Disaster Medical Assistance Team (D-MAT) to the 2008 Iwate-Miyagi Inland Earthquake. Conference for community health. Tohoku University Hospital Open Lecture. Critical Care Center Open Lecture. Lecture on cancer drug therapy, cancer pharmacist, and nurse training.
Institute of Liberal Arts and Sciences	Starting lectures and a reform of the liberal arts curriculum by 3 professors emeritus.
WPI Advanced Institute for Materials Research	Principal researcher Inoue and Prof. Miyazaki were awarded the American Institute of Physics Prize. President Inoue received the James C. McGroddy Prize for New Materials, and the Oliver E. Buckley Condensed Matter Prize for Prof. Miyazaki. WPI-AIMR Director Yoshinori Yamamoto was selected as a recipient of the 2009 Centenary Prize of Royal Society of Chemistry (RSC.)