

<Translation>

Fiscal Year 2016 Business Report

From: April 1, 2016

To: March 31, 2017

Okinawa Institute of Science and Technology
School Corporation

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I. Basic Information of OIST School Corporation

1 Summary of the Corporation

(1) Description of Business

- 1) Establish and operate the Okinawa Institute of Science and Technology (OIST) Graduate University
- 2) Provide students with consultations on schooling, career options, and physical and psychological health, and with other support
- 3) Undertake research commissioned by parties outside the School Corporation, conduct joint research with parties outside the School Corporation, or otherwise conduct education and research activities in collaboration with parties outside the School Corporation
- 4) Disseminate the achievements of research at Okinawa Institute of Science and Technology Graduate University, and promote their utilization
- 5) Hold research meetings concerning science and technology, and otherwise conduct business to promote exchange among researchers

(2) Address

Main campus 1919-1 Tancha, Onna-son, Kunigami, Okinawa 904-0495 Japan
Seaside House 7542 Onna, Onna-son, Kunigami, Okinawa 904-0411 Japan

(3) Number of faculty members and employees (as of March 31, 2017)

Faculty members: 58

Employees (exclude temporal staff): 645

(4) History

2011 Nov.: The Okinawa Institute of Science and Technology School Corporation Inauguration

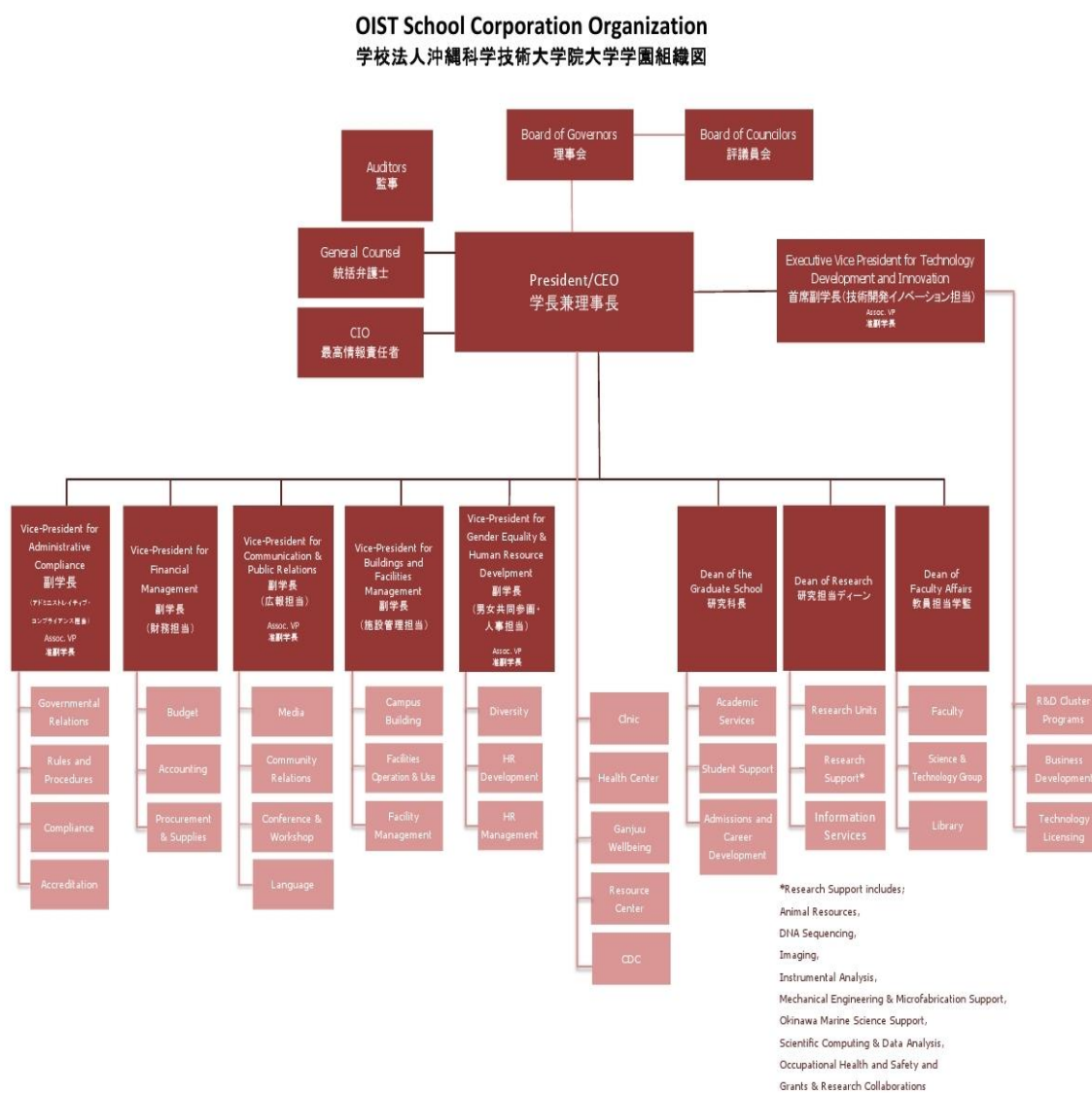
(5) Basis law for the establishment

Okinawa Institute of Science and Technology School Corporation Act (Act No. 76 of 2009)

(6) Supervising ministries

Cabinet Office, MEXT

(7) Organizational Chart (as of March 31, 2017)



2 List of Officers, etc. (as of 31 March, 2017)

Fixed number: Shall be as prescribed respectively in the Article 5.1, 7 and 19.2 of the OIST Bylaws.

Term: Shall be as prescribed respectively in the Article 9.1 and 24.1 of the OIST Bylaws.

(1) Officers and Auditors

(2) Title	Name	Term	Background	
President/ CEO	Peter Gruss	From Jan. 1, 2017 To Dec. 31, 2030 (1 st Term)	1977	Ph.D. in Molecular Biology, University of Heidelberg
			1980	Expert Consultant/Visiting Scientist, NIH, Bethesda
			1982	Associate Professor of Microbiology, University of Heidelberg
			1983	Member, Directorate of the Center for Molecular Biology, University of Heidelberg
			1986	Director, Max Planck Institute for Biophysical Chemistry, Department of Molecular Cell Biology
			1990	Honorary Professor, University of Göttingen
			1997	Managing Director, Max Planck Institute for Biophysical Chemistry
			2002	President, Max Planck Society
			2017	CEO, OIST SC
			Jan.	President of OIST Graduate University
Executive Vice President for Technology Development and Innovation / Vice-CEO	Robert Baughman	From April 1, 2015 To Sep. 30, 2017 (Reappointed)	1975	Ph.D. in Chemistry, Harvard University
			1979	Assistant Professor of Neurobiology, Harvard Medical School
			1985	Associate Professor of Neurobiology, Harvard Medical School
			1990	Director, Program in Neurosciences, Harvard University
			1995	Director, Division of Fundamental Neuroscience and Developmental

			1999	Disorders, NINDS Associate Director for Technology Development, Office of the Director, NINDS
			2005	Special Research & Training Advisor to the President, OIST PC
			2007	Vice President and Executive Director, OIST PC
			2011	Provost and Vice-CEO, OIST SC
			2014	Executive VP for Sustainable Development of Okinawa, OIST SC
			2015	Executive VP for Sustainable Development of Okinawa/Acting Provost and Vice-CEO, OIST
			2016 Aug.	Executive VP for Technology Development and Innovation/ Vice-CEO, OIST
Auditor	Hiroki Matsubayashi	From June 18, 2016 to Oct. 31, 2017	1986	Joined Ministry of Internal Affairs and Communication
			1997	First Secretary at the Embassy of Japan in Netherlands
			2002	Head of the Correspondence Delivery Office, Postal Services Policy Planning Bureau, Ministry of Internal Affairs and Communication
			2004	Head of the Public Relations Office, Ministry of Internal Affairs and Communication
			2006	Head of the Administrative System Improvement Office, Local Administration Bureau, Ministry of Internal Affairs and Communication
			2007	Counsellor, Minister's Secretariat, Ministry of Economy, Trade and Industry
			2008	Director for the Headquarter Office of Administrative Reform, Cabinet Secretariat
			2009	Director of the Policy Evaluation, Administrative Evaluation Bureau, Ministry of Internal Affairs and

			2014	Communication Director for Okinawa Affairs, Cabinet Office
			2015	Director of Audit Office, Japan Sewage Works Agency
			2016 Jun.	Auditor, OIST SC
Auditor	Tsugiyoshi Toma	From June 9, 2014 To Oct. 31, 2017 (Reappointed, Second Term)	1971	Joined Ryukyu Electric Power Corporation
			1999	Director & General Manager, Thermal Power Department, Okinawa Electric Power Company, Inc. (OEPC)
			2001	Executive Vice President, OEPC
			2003	President, OEPC
			2005	Chairperson, Okinawa Marine Leisure Safety Bureau
			2006	Auditor, Okinawa Cellular Telephone Company
			2007	Chairman, OEPC Chairman, Okinawa Association of Corporate Executives
			2011	Member, Board of Councilors, OIST SC
			2013	Advisory Director, Okinawa Association of Corporate Executives Senior Corporate Advisor, OEPC Counselor, Kyushu Economic Federation
			2014 June	Auditor, OIST SC

(2) Members of Governors

Name	Term	Background	
Torsten Wiesel	From Nov. 1, 2011 To Oct. 31, 2017*	1954	Medical degree from the Karolinska Institute
		1968	Professor, Department of Neurobiology, Harvard Medical School
		1973	Head of the Department of Neurobiology, Harvard Medical School
		1981	Nobel Prize in Physiology or Medicine
		1991	President, Society for Neuroscience

		1999 President, Rockefeller University 1999 President Emeritus, the Rockefeller University 2000 Secretary-General, International Human Frontier Science Program Organization (HFSP) 2003 Chair, International Scientific Council, Israeli-Palestinian Science organization 2005 The National Medal of Science (USA) Co-Chair, Board of Governors, OIST PC 2009 Co-Chair, Establishing Member of OIST SC Grand Cordon of the Order of the Rising Sun (Japan) 2011 Chairperson, Board of Governors, OIST SC Member of Advisory Board, the Swedish Brain Foundation, Stockholm, Sweden 2013 Chair, International Advisory Board, Program of Neuroscience Karolinska Institute Advisory Board, National Science Review, Chinese Academy of Sciences
Akito Arima	From Nov. 1, 2011 To Oct. 31, 2017*	1958 Ph.D. (Science), The University of Tokyo 1971 Professor, The State University of New York at Stony Brook 1975 Professor, Faculty of Science, The University of Tokyo 1989 President, The University of Tokyo 1993 President, RIKEN 1998 Member of the House of Councilors Minister of Education, Science, Sports and Culture 1999 Director-General of the Science and Technology Agency 2000 Chairman, Japan Science Foundation 2005 Member, Board of Governors, OIST PC 2006 Chancellor, Musashi Education Institution, Nezu Education Foundation 2009 President, HFSP Co-Chair, Establishing Member of OIST SC 2010 President, Shizuoka University of Art and Culture 2011 Vice-Chair, Board of Governors, OIST SC Nov. Member, Board of Councilors, OIST SC
Yoko Aniya	From Nov. 1, 2014	1980 Ph.D. (Medical Science), Kagoshima University 1981 Councilor, Japanese Society of Pharmacology 1983 Postdoctoral Fellow, University of Rochester

	To Oct. 31, 2017	1986	Medical Center, U.S.A.
		1990	Associate Professor, Faculty of Medicine, University of the Ryukyus
		1994	Professor, Faculty of Medicine (School of Health Sciences, Pharmacology & Toxicology), University of the Ryukyus
		1996	Councilor, Japanese Society for the Study of Xenobiotics
		2001	Councilor, Japanese Society of Toxicology
		2002	Head, Integrated Innovation Center for Community, University of the Ryukyus
		2003	Councilor, University of the Ryukyus
		2007	Dean, School of Health Sciences, University of the Ryukyus
		2011	Professor, Graduate School of Medicine, University of the Ryukyus
		2013	Professor, School of Health Sciences, Faculty of Medicine, University of the Ryukyus
		2014	Professor Emeritus, University of the Ryukyus
		Nov.	Board member, Okinawa Science and Technology Promotion Center
			Member, Board of Governors, OIST SC
			Member, Board of Councilor, OIST SC
Robert Baughman (Executive VP for Technology Development and Innovation/ Vice-CEO)		1975	Ph.D. in Chemistry, Harvard University
		1979	Assistant Professor of Neurobiology, Harvard Medical School
		1985	Associate Professor of Neurobiology, Harvard Medical School
		1990	Director, Program in Neurosciences, Harvard University
		1995	Director, Division of Fundamental Neuroscience and Developmental Disorders, NINDS
		1999	Associate Director for Technology Development, Office of the Director, NINDS
		2005	Special Research & Training Advisor to the President, OIST PC
		2007	Vice President and Executive Director, OIST PC
		2011	Provost and Vice-CEO, OIST SC
		2014	Executive VP for Sustainable Development of Okinawa, OIST SC
		2015	Executive VP for Sustainable Development of Okinawa/Acting Provost and Vice-CEO, OIST
		2016	Executive VP for Technology Development and

		Aug.	Innovation/ Vice-CEO, OIST
Curtis Callan	From Nov. 1, 2014 To Oct. 31, 2017	1964 1968 1969 1972 1974 1986 1989 1990 1995 1998 2004 2005 2008 2014 Nov.	Ph.D. (Physics), Princeton University Member, JASON study group Long-term Member, Institute for Advanced Study Professor of Physics, Princeton University Fellow, American Physical Society Eugene Higgins Professor, Princeton University Member, American Academy of Arts and Sciences Member, National Academy of Sciences Chair, Steering Committee, JASON study group James S. McDonnell Distinguished University Professor, Princeton University Chair, Physics Department, Princeton University Dirac Medal (International Center for Theoretical Physics) Director, Princeton Center for Theoretical Science Presidential Line, American Physical Society Chair, Physics Department, Princeton University Member, Board of Trustees, Institute for Advanced Study Member, Board of Governors, OIST SC
Rita Colwell	From Nov. 1, 2011 To Oct. 31, 2017*	1961 1991 1998 2004 2006	Ph.D. (Oceanography), University of Washington President of the University of Maryland Biotechnology Institute 11th Director of the United States National Science Foundation (NSF) Co-chair of the Committee on Science of the National Science and Technology Council Chairman and Senior Vice-President of Canon U.S. Life Sciences Distinguished Professor, University of Maryland, College Park Distinguished Professor, Johns Hopkins University Bloomberg School of Public Health Senior Advisor and Chairman Emeritus, Canon, U.S. Life Sciences Member, International Advisory Committee, Japan Science and Technology Agency

		2007	Member, President's Council, University of Tokyo President of the American Institute of Biological Sciences 2006 National Medal of Science, U.S.A.
		2011 Nov.	Member, Board of Governors, OIST SC
		2013	President, Rosalind Franklin Society William Procter Prize for Scientific Achievement, Sigma XI
		2014	Prize Medal, Society for General Microbiology
Peter Gruss		1977	Ph.D. in Molecular Biology, University of Heidelberg
		1980	Expert Consultant/Visiting Scientist, NIH, Bethesda
		1982	Associate Professor of Microbiology, University of Heidelberg
		1983	Member, Directorate of the Center for Molecular Biology, University of Heidelberg
		1986	Director, Max Planck Institute for Biophysical Chemistry, Department of Molecular Cell Biology
		1990	Honorary Professor, University of Göttingen
		1997	Managing Director, Max Planck Institute for Biophysical Chemistry
		2002	President, Max Planck Society
		2017	CEO, OIST SC
		Jan.	President of OIST Graduate University
Jerome Friedman	From Nov. 1, 2011 To Oct. 31, 2017*	1956	PhD (Physics), University of Chicago
		1967	Professor, MIT
		1977	Member, Board of the University Research Association, U.S.A. Vice President, Board of the University Research Association, U.S.A.
		1983	Head, MIT Department of Physics
		1990	Nobel Prize in Physics
		1997	Member of KEK Council, Japan
		1999	President, American Physical Society
		2001	Chair, Council of Scientific Society Presidents, U.S.A.
		2005	Member, Board of Governors, OIST PC
		2009	Establishing Member of OIST SC
		2011	Member, Board of Governors, OIST SC
		Nov.	

Serge Haroche	From Oct. 1, 2015 To Sep. 30, 2018	1971 1975 1981 1984 1991 1994 2001 2012 2015 Oct.	PhD (Physics), Paris VI University Professor, Paris VI University Visiting professor, Harvard Part time professor, Yale University Member, Institut Universitaire de France Chairman of the ENS Department of Physics Professor, Collège de France (in the chair of quantum physics) President of the Collège de France Nobel Prize in Physics Member, Board of Governors, OIST SC
Kazuhito Hashimoto	From Sep. 1, 2016 To Aug. 31, 2019	1985 1980 1984 1989 1991 1997 2004 2015 2016 2016	Ph.D. (Chemistry), University of Tokyo Technical Associate, Institute for Molecular Science, Okazaki Research Associate, Institute of Molecular Science, Okazaki Lecturer, Department of Applied Chemistry, University of Tokyo Associate Professor, Department of Applied Science, University of Tokyo Professor, Research Center for Advanced Science and Technology, University of Tokyo Professor, Department of Applied Chemistry, University of Tokyo Professor, Special Assistant to the President, University of Tokyo President, National Institute for Materials Science Member, Board of Governors, OIST SC
Motoko Kotani	From Nov. 1, 2014 To Oct. 31, 2017	1990 1993 1997 1999 2001 2004 2008	PhD (Science), Tokyo Metropolitan University Visiting Researcher, Max-Planck Society for the Advancement of Science Associate Professor, Department of Mathematics. Faculty of Science, Toho University Associate Professor, Mathematics Institute, Graduate School of Science, Tohoku University Visiting Professor, Institute of Advanced Scientific Studies (IHES) Professor, Mathematics Institute, Graduate School of Science, Tohoku University Distinguished Professor, Mathematics Institute,

		2011	Graduate School of Science, Tohoku University Deputy Director, Professor, WPI-AIMR, Tohoku University
		2012	Director, WPI-AIMR, Tohoku University
		2014	Executive Member, Council for Science and Technology Policy Cabinet Office, JAPAN
		2014 Nov.	Member, Board of Governors, OIST SC
VijayRaghavan Krishnaswamy	From Nov. 1, 2011 To Oct. 31, 2017*	1983	Ph.D. (Molecular Biology), Tata Institute of Fundamental Research, Mumbai, India
		1984	Research Fellow at California Institute of Technology, U.S.A.
		1986	Senior Research Fellow at California Institute of Technology, U.S.A.
		1988	Joined National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bangalore, India
		1998	Senior Professor and Director, National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bangalore, India
		2005	Member, Science Advisory Council to the Prime Minister of India
		2009	Member, Janelia Farm Research Campus, HHMI, Advisory Committee
		2011 Nov.	Member, Board of Governors, OIST SC
		2012	Fellow of the Royal Society
		2013	Distinguished Professor, National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bangalore, India Secretary, Department of Biotechnology, Government of India
Kiyoshi Kurokawa	From Nov. 1, 2011 To Oct. 31, 2017*	1967	Doctor of Medical Science, University of Tokyo
		1979	Professor of Medicine, Department of Medicine, UCLA School of Medicine
		1989	Professor and Chairman, First Department of Medicine, University of Tokyo Faculty of Medicine
		1993	Science Advisor, Ministry of Education, Science and Culture
		1996	Professor of Medicine and Dean of the Institute of Medical Science, Tokai University
		1998	Director of the Institute of Medical Science, Tokai University

		1999	Order of Purple from the Government of Japan for Excellence in Academic Achievements
		2001	Member of Study Committee, new graduate university in Okinawa, CAO
		2003	President of the Science Council of Japan
		2005	Member, Board of Governors, OIST PC
		2006	Special advisor to the Cabinet (Science, Technology, and Innovation) Professor, National Graduate Institute for Policy Studies
		2009	Establishing Member of OIST SC Academic Fellow, National Graduate Institute for Policy Studies
		2011	Member, Board of Governors, OIST SC
		Nov.	
		2014	Visiting Professor, National Graduate Institute for Policy Studies
Yuan T. Lee	From Oct. 1, 2015 To Sep. 30, 2018**	1965	Ph.D. Department of Chemistry, University of California, Berkeley
		1973	Professor of Chemistry, The James Franck Institute and Department of Chemistry, University of Chicago
		1974	Professor of Chemistry, Department of Chemistry, University of California, Berkeley Principal Investigator, Chemical Sciences Division, Lawrence Berkeley National Laboratory (until August, 1997)
		1986	Nobel Prize in Chemistry
		1991	Member, President's Advisory Board, Hong Kong University of Science and Technology, Hong Kong University Professor, University of California, California
		1993	Chairman, Visiting Committee, Department of Chemistry, Harvard University, USA
		1994	President, Academia Sinica, Taiwan
		2006	Member, Advisory Committee of Development Plan for World Class Universities and Research Centers of Excellence, Ministry of Education, Taipei, Taiwan
		2007	Member, Board of Governors, OIST PC
		2009	Establishing Member of OIST SC
		2011	Member, Board of Governors, OIST SC (-2013)
		2015	Member, Board of Governors, OIST SC

		Oct.	
Koji Omi	From Oct. 1, 2013 To Sep. 30, 2016*	1956 1956 1970 1976 1979 1981 1983 1995 1997 2001 2006 2013 Oct.	Hitotsubashi University, Faculty of Commerce Joined Ministry of International Trade and Industry Consul General of Japan in New York City Director of General Affairs Department, Osaka Regional Bureau of International Trade and Industry, Ministry of International Trade and Industry Director of Administrative Division, Science and Technology Agency Director-General of Guidance Department,, Small & Medium Enterprise Agency, Ministry of International Trade and Industry Elected to a Member of House of Representative (Elected 8 times since then) Chairman of Committee on Finance, □House of Representatives Minister of State for Economic Planning Minister of State for Okinawa and Northern Territory Affairs, and Science and Technology Policies Chairman of Non-Profit Organization Science and Technology Society Forum Minister of Finance Member, Board of Governors, OIST SC
Hiroko Sho	From Nov. 1, 2011 To Oct. 31, 2017*	1972 1982 1984 1991 1994 1995 1996 1997 2004 2005 2009	Professor at the Faculty of Education, the University of the Ryukyus Doctor of Agriculture, Kyushu University Visiting Professor at Michigan State University Vice-Governor of Okinawa Prefecture Director of the Okinawa Learning Center, the University of the Air Member, Okinawa Promotion and Development Council appointed by the Prime Minister of Japan Board of Governor, NHK Director, Okinawa Convention and Visitors Bureau Councilor, NHK Academy, Tokyo JAPAN Director, Okinawa International University Chairman of the Board of Directors, Okinawa Prefecture Cultural Promotion Foundation Member, Board of Governors, OIST PC Establishing Member of OIST SC

		2011 Nov. 2012	Member, Board of Governors, OIST SC Member, Board of Councilors, OIST SC Member, Executive Board and Board of Councilors, Okinawa AMICUS International Board of Councilor, Okinawa Science and Technology Promotion Center
Albrecht Wagner	From Oct. 1, 2015 To Sep. 30, 2018	1971 1984 1991 1999 2005 2006 2007 2008 2010 2011 2015 Oct.	PhD (Physics), University of Heidelberg Professor, University of Heidelberg Professor, University of Hamburg Director of Research, DESY Chairman, DESY Board of Directors Chairman, TESLA Technology Collaboration Board Chairman, International Committee for Future Accelerators (ICFA) Vice President of the Helmholtz Foundation Chairman, Council of Hamburg University Member, Board of the Joachim Herz Foundation Member, Board of Councilors, OIST SC Acting CEO & Acting President, OIST SC

*Reappointed, Second Term **Reappointed

(3) Members of Councilors

Name	Term	Position
* Yoko Aniya	From Nov. 1 2014 To Oct. 31 2017	Professor Emeritus, University of the Ryukyus
Gordon Arbuthnott	From Oct. 1 2016 To Sep 30 2019	Dean of Faculty Affairs, OIST
* Akito Arima	From Nov. 1, 2011 To Oct. 31, 2017*	Chairman, Japan Science Foundation Chancellor, Musashi Education Institution, Nezu Education Foundation President, Shizuoka University of Art and Culture
Neil Calder	From Nov. 1, 2011 To Oct. 31, 2017*	Vice-President for Public Relations and Communications, OIST
Monte Cassim	From Nov. 1, 2011 To Oct. 31, 2017*	Special Aide to the Chancellor, The Ritsumeikan Trust
Mary Collins	From Feb. 18, 2016 To Feb. 17, 2019	Dean of Research, OIST

Machi Dilworth	From May 18, 2015 To May 17, 2018	Vice-President for Gender Equality and Human Resource Development, OIST
Yoshiharu Doi	From Nov. 1, 2011 To Oct. 31, 2017*	CEO, Japan Synchrotron Radiation Research Institute
Kenji Doya	From Oct. 1 2016 To Sep 30 2019**	Chair of the Faculty Assembly/Council, OIST
Ralph Eichler	From Nov. 1, 2014 To Oct. 31, 2017	Former President, EHT Zurich
Ali Ganjehlou	From Oct. 2, 2015 To Oct. 1, 2018	Vice-President for Buildings and Facility Management, OIST
Frederick Gilman	From Nov. 1, 2011 To Oct. 31, 2017*	Dean of the Mellon Collage of Science, Carnegie Mellon University
Ryo Hirasawa	From Nov. 1, 2011 To Oct. 31, 2017*	Chief Director, Institute for Future Engineering Professor Emeritus, University of Tokyo Member, Administrative Council, Japan Advanced Institute of Science and Technology
Keith Hodgson	From Nov. 1, 2014 To Oct. 31, 2017	Chairperson, Department of Chemistry, Stanford university
Tisato Kajiyama	From Nov. 1, 2011 To Oct. 31, 2017*	Board Chairman and President, Fukuoka Women's University Former President, Kyushu University
Makoto Kobayashi	From Nov. 1, 2011 To Oct. 31, 2017*	Honorary Professor Emeritus, High Energy Accelerator Research Organization
Maki Kubo	From Nov. 1, 2011 To Oct. 31, 2017*	Vice-President for Administrative Compliance, OIST
Ryo Matsumoto	From Nov. 1, 2011 To Oct. 31, 2017*	Professor Emeritus, University of Tokyo Professor, Organization for the Strategic Coordination of Research and Intellectual Properties, Meiji University
Emi Matsushima	From Nov. 1, 2014 To Oct. 31, 2017	General Counsel, OIST
Reiko Ann Miura-Ko	From Nov. 1, 2011 To Oct. 31, 2017*	Co-founding partner, Floodgate
Yoshimi Nagahama	From Feb. 19, 2015 To Oct. 31, 2017	Mayor, Onna Village
Ken Peach	From Nov. 1, 2011	Professor Emeritus, the Particle Therapy Cancer

	To Oct. 31, 2017*	Research Institute, Oxford
Hermann Schunck	From Nov. 1, 2014 To Oct. 31, 2017	Former Director General, Basic Research, Federal Ministry of Education and Research
Eiki Senaha	From Nov. 1, 2014 To Oct. 31, 2017	President Emeritus, Meio University University Consortium Okinawa Executive Board Member
Katsuhiko Shirai	From Nov. 1, 2011 To Oct. 31, 2017*	President, The Open University of Japan Former President, Waseda University Former Chairman of Okinawa Development Council
* Hiroko Sho	From Nov. 1, 2011 To Oct. 31, 2017*	Councilor, Okinawa Science and Technology Promotion Center Director, Okinawa International University
David Swinbanks	From Nov. 1, 2011 To Oct. 31, 2017*	Managing Director, Nature Publishing Group Regional Markets & Science & Medical Communications Asia-Pacific India Middle East Ibero-America Russia Managing Director, Macmillan Science & Education Australia & New Zealand
Keiji Takanashi	From Apr. 1, 2015 To Oct. 31, 2017	Vice-President for Financial Management, OIST
Fuji Takayasu	From Nov. 1, 2011 To Oct. 31, 2017*	Former Assistant PR Officer of the US Consulate in Okinawa
Nobuaki Tanaka	From Nov. 1, 2014 To Oct. 31, 2017	Former Undersecretary General at the UN Headquarters CEO, GaiaContact
Isho Urasaki	From Feb. 19, 2015 To Oct. 31, 2017	Vice Governor, Okinawa Prefectural Government
Albrecht Wagner	From Nov. 1, 2011 To Oct. 31, 2017	Chairman Emeritus, Board of Directors, DESY
Eriko Wauke	From May 18, 2015 To Oct. 31, 2017	Principal, Okinawa AMICUS International
Jeffery Wickens	From Nov. 1, 2011 To Oct. 31, 2017*	Dean of the Graduate School, OIST
Hideo Yamasaki	From Nov. 1, 2014 To Oct. 31, 2017	Dean of Faculty of Science, University of the Ryukyus

Philip Yeo	From Nov. 1, 2011 To Oct. 31, 2017*	Chairman, SPRING Singapore
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[Name] *4 persons are also governors.

[Term] *Reappointed, Second Term

**Reappointed

II. Status of business implementation

See the attachment "FY2016 Performance Report."

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
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As of March 31, 2017

Chapter 1 Education & Research				
1.1 Ph.D. Program Goal (1)	Using feedback from 2015, refine and improve measures to ensure that student recruitment, admissions, and enrolment proceed smoothly.			A
1.1 Ph.D. Program Action (1)	<p>(Courses)</p> <p>1101 Continue to develop the curricula including courses taught by newly recruited faculty, and submit an application of additional faculty teaching to MEXT in June 2016.</p> <p>1102 Continue to provide the customized Ph.D. program, including pre-thesis research training and laboratory rotations and assignment of an Academic Mentor for each student.</p> <p>1103 Continue to provide the programs for Professional Development for students including training that focuses on group activities and presentation skills, research conduct, career development, teaching experience and a program of student-invited visiting speakers.</p> <p>1104 Continue to provide the examination for progression to thesis research based on oral examination by prominent external examiner.</p> <p>1105 Prepare the procedures for final examination of the thesis and graduation, degree certificate, graduation clothing and ceremony.</p> <p>1106 Continue to provide the Gap period training in language and research experience for incoming students, especially those who graduate from Japanese universities in March.</p>		<p>(Courses)</p> <p>1101 MEXT approval was sought in FY2016 for three new chemistry courses, to be taught by the new chemistry faculty hired in 2015. In addition, planning for new courses began for the new professors admitted to the OIST faculty in 2016 who will begin teaching after September 2017.</p> <p>1102 September 2016 saw the enrolment of the next intake of students, with 35 new students from across the world. All were assigned mentors from within the OIST faculty, and have started laboratory rotations and courses.</p> <p>1103 Professional Development classes continued to develop the professional scientific skills of the students. The three main components of the course are (1) weekly seminars covering basic principles of research conduct and ethics, scientific communication, and aspects of science in society, (2) a cross-disciplinary group project, and (3) practical experience to develop presentation and teaching skills.</p> <p>1104 The Graduate School has completed development and implementation of systems and processes for guiding and managing the examination of thesis proposal and the writing and examination of the thesis itself.</p> <p>1105 Completed procedures for external examination and graduation of the PhD. We have now awarded our first three PhD graduates, in March 2017. Graduation ceremony details are being planned with an intended first ceremony to be held in February 2018.</p> <p>1106 Continued to offer 'Gap Program' to students before they started their PhD program, to develop English and laboratory skills. This program is offered in two different ways, depending on the level of English language training required. One student attended intensive English</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
			language training for three months in England, coupled with a short lab placement at the University of Oxford. Three students who needed less intensive English training participated in English classes at OIST, and developed their functional scientific English by working in an OIST laboratory on a short research project. All students showed significant advances in their English and research skills, and joined the PhD program fully prepared.	
1.1 Ph.D. Program Action (1)	<p>(Educational Environment)</p> <p>1107 Continue to enhance collaborative relationships with other universities by developing exchange agreements concerning interns, course credits, TA opportunities, and other exchange opportunities.</p> <p>1108 Continue to maintain and enhance student record systems for monitoring of student progress, grades and completions.</p> <p>1109 Continue to enhance teaching support systems to manage laboratory classes, teaching materials, lecture and tutorial rooms, AV support, computer labs, and liaison between teaching faculty and academic services section.</p> <p>1110 Increase opportunities for OIST PhD students to learn essential research skills by organizing short courses in identified topics (such as mathematics, computer programming) and special topic courses by visiting researchers.</p>		<p>(Educational Environment)</p> <p>1107 Through holding RSD section peer review by external experts and joining on Advanced Bioimaging Support Platform, enhanced collaborative relationships with other universities and institutions.</p> <p>1108 This year we continued to develop the student records system with improvements in student identity creation and management and the integration of this into new OIST-wide enterprise HR system, with the aim of improving efficiency and accuracy of student management.</p> <p>1109 Continued improvement to OIST teaching labs and facilities, with installation of new facilities for the teaching of electrochemistry, materials chemistry, and two-photon microscopy being the main highlights. Increased use of the teaching laboratories followed as a result of these improvements.</p> <p>1110 The Postdoctoral Teaching Fellow in the Graduate School has continued to run short courses (Skill Pills) based on student demand (over 20 in FY2016). These have also been expanded to include term long courses on more in-depth topics such as Microscopy, MATLAB, Python and Molecular Biology. A Special Topic course in cell biology was taught by Prof. Tim Hunt.</p>	
1.1 Ph.D. Program Action (1)	<p>(Student Support)</p> <p>1111 Continue to refine and improve the orientation programs for the incoming students providing information on the educational program, available laboratories for thesis research, and life in Japan.</p>	* Increase of students receiving external scholarships, etc.	<p>(Student Support)</p> <p>1111 Incoming students continue to receive excellent guidance in OIST programs and conditions of life as a student. We will promote further information availability concerning laboratory rotations and thesis research possibilities in the coming year.</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>1112 Enhance international student understanding of Japanese culture by organizing cultural visits and provide opportunities for interaction with students in other Japanese universities.</p> <p>1113 Continue to provide an environment for the students entering our Ph.D. program in which they will be able to concentrate in their research activities under the living standard comparable to that of the students of the best universities in the world that we are competing with.</p> <p>1114 Continue to track the occurrence, response and outcome of incidents involving students.</p> <p>1115 Continue to collect and provide information of external scholarship opportunities to the students.</p> <p>1116 Continue to support career development of students by professional development activities including arranging of TA opportunities at other universities and colleges, promotion of networking with leaders of universities and research institutions in Japan and around the world, active provision of the information concerning post-doctoral and other job opportunities, including a program of visiting speakers.</p> <p>1117 Resource Center will continue and enhance its direct support to the students and their family members by (1) proactively engaging potential users through welcome emails to incoming staff and their families, (2) creating and distributing promotional materials (brochures, videos, etc.) detailing our services, and (3) expanding the RC website to include more information on daily life issues and administrative processes.</p>		<p>1112 Continued to provide opportunities to learn Japanese and Okinawan culture. Conducted educational excursions to provide opportunities for getting better understanding of Okinawan culture. Also, organized an exchange party and cultural seminar with other universities in Okinawa.</p> <p>1113 Continued to prepare and manage paperwork such as year-end tax adjustment, income tax return, visa renewal application, registration of birth, etc., on behalf of students in a timely manner. Also, supported preparing scholarship application and translated as necessary.</p> <p>1114 Continued to work closely with OIST Helpline and Health Center for better response to the incidents. Reports are kept in Student Database and reported to the Dean.</p> <p>1115 Continued to collect information on available scholarship/fellowship opportunities for the students. Made clear announcements to encourage students to apply. Conducted preparatory seminars and supported application filling as needed. 11 students have been awarded JSPS Fellowship (DC1 & DC2).</p> <p>1116 Students have increased TA opportunities teaching Skill Pills courses as well as acting as TAs in The August CIUW Workshop and the March Science Challenge Workshop. All OIST students have access to regular individual career development meetings with a dedicated careers advisor and have opportunities to attend a number of professional development workshops (Teaching skills, CV and resume writing, Science communication workshops).</p> <p>1117 The Resource Center was restructured in 2016 and absorbed the Registration Desk Functions as it maintained its original functions. New resource center worked closely with HR in order to start sharing the tasks to provide more efficient daily life support services for the OIST community and its family members. The website was completely renewed and increased information on daily life issues and administrative processes more systematically.</p>	

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	<p>1118 Clinic opens with full-time bilingual members of one doctor, one nurse and one admin staff and cover the students' needs for general health on campus. Ganjuu Wellbeing Service will continue its activities to support in particular psychological health. In addition, a range of seminars on stress management and stress warning signs will be developed and offered.</p>	<p>Resource Center also created the second office in the Center Building, introduced alternative business hours to respond to the strong needs of OIST staff and students who spend majority of time in campus buildings.</p> <p>1118 Clinic and Health Center served the full OIST community and operated very smoothly. Being able to provide onsite medical care saved a considerable amount of lost work hours to the staff and reduces significantly the need for the Clinic/Health Center staff to accompany employees, students and family members to off-site clinics.</p> <p>Health Center worked with Ganjuu Service to prepare the Stress Check, conducted the test with HR successfully in time for November due. Test was participated by 50% of the OSIT employees.</p> <p>As the university grows, Ganjuu Service continued to provide, safe, responsive, evidence-based psychological therapy and consultation with >25% increase in demand compared with FY2015. Biofeedback equipment introduced in FY2016, has been well utilized.</p> <p>Workshops / discussion groups / invited speakers provided in: Emotional intelligence, cultural intelligence, mindfulness, pressures of success / failure, perfectionism, sleep health, improving wellbeing / managing stress, looking after the wellbeing of your team (managers), respectful workplace and dealing with harassment & 2-day peer supporter training (both for students). Production and distribution of a stress management leaflet. Extensive work with student welfare committee encouraged and supported student wellbeing projects (publicity, social events, beach clean, input to PD1, monthly supervision groups for peer supporters, etc.).</p> <p>For traumatic incidents, Ganjuu provided information leaflets about normal responses to traumatic events and made available staff support sessions.</p> <p>Regular meetings with DGS, DFA, welfare services to consider wellbeing-related issues and policies.</p> <p>Social-emotional education input provided to Tedako.</p> <p>Engagement activities via teatime, orientations, community events, walks and open house.</p>	
1.1 Ph.D.	We will continue to attract and select the graduate students for our Ph.D. program from amongst the best		

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Program Goal (2)	available worldwide in science and technology. At least half of the students will be non-Japanese.			A
1.1 Ph.D. Program Actions (2)	<p>1119 Review previous student recruitment and admission activities. Reflect the results of the analysis in the updated procedures and implement them effectively in a planned manner.</p> <p>1120 Continue to carry out student recruitment activities globally to attract the highest caliber graduate student candidates for the next intake of students arriving in September 2017 as follows:</p> <ul style="list-style-type: none"> - The number recruited: About 35 students - Major recruitment activities: <ul style="list-style-type: none"> ➤ 1121 Continue to develop the graduate school website as a recruiting tool. In addition, print a concise and well edited student recruitment brochure. ➤ 1122 Continue holding OIST Café in major Japanese cities by providing OIST recruiting information and English training. ➤ 1123 Hold the Science Challenge Workshop for undergraduate Japanese students, and the International Collaborative Workshop for undergraduate Japanese and other students to provide experience of cutting edge research and OIST graduate school educational experience. ➤ 1124 Send OIST faculty members to several targeted countries to hold a seminar about OIST. ➤ 1125 Print specially targeted brochures to recruit applicants from disciplines that have fewer students at OIST such as Chemistry and Marine Sciences. <p>*Particular attention and effort will continuously be made to</p>	<p>* Number of A excellent applicants for the Ph.D. program (Japanese and non-Japanese)</p> <p>* Number of admitted students (Japanese and non-Japanese)</p> <p>* Caliber of incoming students (list of institutes from which the students received degrees, etc.)</p>	<p>1119 A total of 35 students were admitted in September 2016 (29 non-Japanese, 6 Japanese)</p> <p>Attachment 1. 1-1 Students Information</p> <p>1120 Carried out student recruitment activities globally and accepted the highest caliber graduate students for the fifth and sixth intakes of students to be enrolled in September 2016 and September 2017.</p> <ul style="list-style-type: none"> ➤ 1121 Designed and completed a brand new Japanese brochure to promote the OIST PhD program to Japanese students. ➤ 1122 OIST Café was held at Osaka University campus for the first time, as well as two other OIST café events in Tokyo and Osaka. ➤ 1123 An English contest “What is your science dream?” was run from November through January. The winners visited for a workshop in March called OIST Science Challenge to receive an English training for the final English Presentation as well as to experience lab activities, talks by OIST faculty and researchers, and interaction with OIST PhD students. The Collaborative International Undergraduate Workshop (CIUW) was held in August and expanded on 2015 to include two Japanese Universities (Tokyo Tech and ICU), as well as Harvard, Pomona College and Stanford participants. ➤ 1124 OIST Faculty attended the OIST Café events we held in Osaka and Tokyo in FY2016 to give a seminar about their research at OIST. ➤ 1125 A special Chemistry-specific flyer was created in consultation with Faculty to use for the purpose of recruiting chemistry students. Other faculty-specific flyers have also been made. 	

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	advertise OIST's unique educational opportunities to Japanese undergraduates. Increase participation by Japanese students through a range of targeted approaches, via holding briefing sessions in some universities and events such as graduate school experience workshop in FY2015.			
1.2 Scientific Research Goal	OIST Graduate University will continue to conduct world-class research in cross-disciplinary fields of science. OIST Graduate University is committed to the pursuit of new knowledge through basic science. We are committed to the training of an international community of students. OIST Graduate University will encourage, motivate and support its talented faculty, students and scientists by promoting a collaborative cross-disciplinary research environment, providing excellent facilities and equipment, and by conducting regular and rigorous peer review. OIST Graduate University aspires to be responsive and relevant to the needs of society. We believe that the most significant contributions will result from the discoveries made through basic science. Following "Basic Policies for Economic and Fiscal Management and Reform" by the Cabinet, we will continue applying our science and technology to the needs of society and industry in Okinawa.			A
1.2 Scientific Research Action	<p>(Promotion of cross-disciplinary research)</p> <p>1201 Success in cross-disciplinary research depends on the strength of the Research Unit, led by our faculty members. To this end, we will continue to recruit the best people to our Faculty. We will actively develop the Research Support Division that supports the common and shared instruments and services for the researchers and students at OIST. Completion of Lab 3 has created space to support companies to co-locate with OIST researchers. This will enhance our mission to support the development of Okinawa.</p> <p>1202 The architecture of our buildings, the rotation of each new class of graduate students through disciplines outside of their areas of interest and social activities all contribute to promoting joint projects across disciplines. Attachment #1-1 lists the Research Units at OIST as of February 2016. Attachment #1-2 lists the major scientific areas of research.</p>		<p>(Promotion of cross-disciplinary research)</p> <p>1201 We have recruited 10 new faculty mainly at the Assistant Professor level. There are 2 Neuroscientists, 2 Biologists, 1 Chemist, 1 Mathematician, 1 Computer scientist, 3 Physicists.</p> <p>In order to enhance and strengthen the research support activities, the structure of the Research Support Division was reorganized and further developed, e.g. split of Imaging Section and Instrumental Analysis Section.</p> <p>1202 Interdisciplinary research environment was continuously provided to encourage research collaborations beyond the borders of research fields. We have many examples of students who have worked in more than one unit but perhaps 2016's success is a publication in Science on the structure of Birdsong that is co-authored from one physics unit and a neuroscience</p>	

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1.2 Scientific Research Action	(Research Support) 1203 The Research Support Division (RSD) has undergone a restructuring. The nine Sections of the Division all now have function-related names, as well as one or more faculty members advising and leading the Sections with the RSD Section Leaders. We replaced the Vice Provost for Research position with a Dean of Research position. This position leads the RSD. As OIST grows, recruitment of excellent professional staff into each Section will continue. The area of engineering support has been strengthened. The Engineering Support Section is now specialized to the Mechanical Engineering and Micro Fabrication Support Section. A new Section, the Electrical Engineering Support Section has been created. This important area will enable technology development and advancements that will support both our research and teaching. It will be housed in the planned Engineering Support Building, planned for the FY2015. The engineering and technical staff in the two Engineering Sections must have design, fabrication, and testing expertise that includes mechanical systems, electrical systems, vacuum systems, microwave systems, chemical systems, bio-molecular systems, environmental systems, digital and analog electronics, process engineering, geodetics, and fluids.		one. (Research Support) 1203 Research Support Division was reorganized to have the following sections and an office. 1. Animal Resources Section (ARS) 2. DNA Sequencing Section (SQC) 3. Imaging Section (IMG) 4. Instrumental Analysis Section (IAS) 5. Mechanical Engineering & Microfabrication Support Section (MEMS) 6. Okinawa Marine Science Support Section (OMSSS) 7. Scientific Computing & Data Analysis Section (SCDA) 8. Occupational Health & Safety Section (OHS) 9. Grants & Research Collaborations Section (Grants) 10. Office of the Dean of Research (ODR) Technical support sections (1-7) organized user group meetings to discuss smooth operation of the core facilities and introduction of common equipment. Mechanical Engineering support facility of MEMS was moved to the brand-new Engineering Support Building and started operation.	
	1204 Work is progressing on the building of the Seragaki Marine Laboratory that will support marine science and the Marine Centre at OIST.		1204 OIST Marine Science Station, a core facility for OIST's Marine Researches and Okinawa Marine Science Center, was started for operation.	
	1205 Continue the completion, development and improvement of the Research Equipment Database and Reservation System for effective management and use of common research resources.		1205 Research Resources Team has been organized in the Office of the Dean of Research and started to plan improvement of the Research Equipment Database. A supplementary system for the Asset Management System has been developed.	
	1206 To enable continuous, real-time monitoring of Okinawan coral reef ecosystems, two cabled, ocean-observing systems have been installed. Physical, biological, and chemical parameters are monitored and underwater cameras designed for plankton monitoring have been installed to capture		1206 Study about accepting domestic and international collaborators by utilizing the ocean-observatory systems and Seragaki Marine Laboratory was initiated.	

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<p>temporal variations. Water samples are collected several times every month and stored in order to determine the accuracy of underwater sensors and to process samples in the laboratory (mass spectrometry and electron microscopy). Collaborators are permitted to bring their own sensors and OIST will connect them and carry out maintenance. Data storage will be available, thereby allowing OIST to be an excellent testing site for ocean observing instruments.</p> <p>1207 Enable the use of OIST research facilities by external academic and industrial users, while ensuring prioritized access by internal users. To write a PRP Chapter dedicated to the use of OIST research facilities by external entities. Develop the procedures and processes to support that PRP.</p> <p>1208 Utilize a high-performance-computing cluster and DNA sequencers facility to support the R&D Cluster-related and other research at OIST.</p> <p>1209 Committee for the Promotion of Proper Research Conduct will encourage all OIST researchers and students to take research ethics education in order to promote responsible conduct of research. The committee also take initiative to establish necessary manuals or procedures so that all researchers and students perform appropriate and effective operations over storage and disclosure of research data in compliance with relevant administrative guidelines.</p> <p>1210 Reorganize sections and offices related to health and safety, and then establish the Environmental health and safety Section to support and advance the teaching, learning and research activities of the University through</p>		<p>1207 A study for developing the system of cost charging on external grants for use of common research resources has started, which is also needed for external use of OIST resources.</p> <p>1208 Support on R&D Cluster-related and other research at OIST has been conducted by utilizing the HPC cluster, DNA sequencers and other core facilities including Imaging devices. Scientific Computing & Data Analysis Section received a peer review on their support services by external experts. DNA Sequencing Section selected external reviewers for their peer review.</p> <p>1209 A prevention plan of research misconduct on public research grants has been made through repeated discussion among the relevant members. The previous dual role responsibilities on Dean of Research for management of public research grants and for management of compliance on research grants was reviewed, and the latter one (management of compliance) has been reassigned on Research Finance Manager, Grants & Research Collaborations Section Leader, and Business Development Section Leader. Guidelines on Archival and Disclosure of Research Data, Laboratory Notebooks, Research Specimens and Chemicals has been established.</p> <p>1210 In order to integrate the tasks covered by existing sections and provide trainings and management for the emergency like earthquake, tsunami, etc., a new position, Emergency Management Coordinator was created under</p>	

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	<p>promotion of a safe and healthy campus environment by providing and coordinating programs and services that minimize safety, health, and environmental and regulatory risks to OIST community in a manner consistent with responsible fiscal and environmental stewardship.</p>		Dean of Research, and its recruitment has been started.	
1.2 Scientific Research Action	<p>(Publication and communication)</p> <p>1211 Continue to promote publication of research results in international science journals with the highest quality of research and participation in international conferences by encouraging researchers through publicity of research results and rigorous research evaluation.</p> <p>1212 Continue to provide accessible information about OIST research and its results to the scientific community and to the general public in Japan and overseas through OIST Web articles, press releases, press conferences, OIST newsletter, brochures, and the OIST social media. To do this, we will:</p> <ul style="list-style-type: none"> - Continue moving all OIST website contents to a responsive design to enhance usability for users on mobile devices, work which began in FY2014. Continue to optimize the OIST Website and maintain the high percentage bilingual content. - Employ a proactive media strategy by organizing press visits and press briefing sessions in Okinawa and on the mainland. - Disseminate OIST's research results to local, national and international media via electronic clearing houses such as Alpha Galileo and Eureka! Alert and through Japan's press clubs. - Strengthen the media presence by creating and maintaining a global network of press officers with other universities and journalists. - Streamline the working skills of science writers by regularly providing professional courses in collaboration with other universities. - Leverage social media to increase visibility of and support for OIST. 	<p>* Number of researchers (faculty, postdocs, technicians, and students)</p> <p>* Number of research publications (by impact factor)</p> <p>* Number of press announcements and/or conferences about research results</p> <p>* Number of research honors</p>	<p>(Publication and communication)</p> <p>1211 We had 329 refereed journal articles; 7 book chapters, 2 books, and 819 presentations to conferences. OIST continues to publish ground breaking research in many areas of science. Our total number of publications are up again this year (329 articles in refereed journals) including the top journals in the world. Two faculty members published scholarly books during the year.</p> <p>Attachment 1. 2-1 FY2016 OIST Publications and Presentations</p> <p>1212 OIST disseminated information about OIST research and its results in FY2016 to the scientific community and to the general public in Japan and overseas by publishing 80 Web articles and issuing 19 press releases, holding 10 press conferences and briefing sessions in Tokyo, Osaka, and Okinawa. Press coverage about OIST was also generated by visiting more than 300 people working in the media industry, during which time the Media Section staff pitched OIST research to journalists, including Tokyo-based foreign correspondents, national dailies and broadcasters, as well as TV production companies. In addition, the Media Section received a number of OIST visits by local, domestic, and overseas journalists, published the monthly electronic newsletter and brochures, and posted all of the research outcomes on OIST's social media.</p> <ul style="list-style-type: none"> - The migration of the OIST website to the responsive design was completed in order to enhance usability for mobile users, while maintaining the high percentage of its bilingual content. - Organized 5 press conferences (3 in Tokyo, 2 in Okinawa) and 5 press briefing sessions (2 in Tokyo, 1 in Osaka, 2 in Okinawa) to present latest research outcome from OIST under embargo and to highlight specific OIST research topics explained by OIST scientists as part of the strategy to generate interest in OIST's research and to 	

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	<p>1213 Increase the number of meetings with other institutes by improving the technical support.</p>	<p>“plant seeds” in the minds of journalists.</p> <ul style="list-style-type: none"> - The dissemination of OIST’s research results through news distributions sites AlphaGalileo, EurekAlert!, and Japan’s press corps and individual pitching of stories to journalists resulted in a number of print, TV, radio, and Web reports, including those by national dailies and broadcasters, and domestic and overseas news agencies. - OIST’s reputation among major media outlets at home and abroad as well as press offices at Japanese universities and research institutions have significantly increased due to the timely research outcome disseminations and the Media Section Leader’s contribution to Japan Association of Communication for Science and Technology (JACST). - Together with Hiroshima University and JACST, OIST hosted a symposium on international science communication in March 2017 at Hiroshima University, where VPCPR, the Media Section Leader, and a Media Section fellow each made presentations in front of approximately 80 audience, which included university research administrators and press officers from across Japan. - In September 2016, the Media Section Leader led a group of press officers from JACST to New Scientist Live! for a joint booth exhibit, increasing OIST’s presence in the Japanese academia and in the UK. The four-day science event attracted 22,000+ people. - The VIP brochure and the Faculty Booklet were kept up to date, including the introduction of the new OIST president. - The use of OIST’s social media has greatly enhanced through a well-coordinated effort by the Media Section, the Community and Relations Section, and the Graduate School in posting various contents and sharing them with the rest of the world. <p>1213 Over 200 scheduled audio-visual, and over 160 video conferencing support requests, not including ad-hoc/email requests were handled. Video conferencing usage is steadily increasing with over 2000 session logged for the year. BOG, and BOC meetings, had its smoothest year to date with the BOG chair, Dr. Wiesel, complimenting on successful participation of BOG members via WebEx.</p>	

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			Digital signage continues to find good use cases such as being utilized to aid flow of traffic in large conferences such as ICZ2016 to accommodate 750 participants. The new AV Admin panel is well on the way to aid with prevention of technical glitches with projectors, signage, and video conferencing units.	
1.3 Faculty Affairs Goal	The University will continue to recruit international and Japanese scientists, with a mixture of senior scientists with an established record of excellence in research and junior scientists with a strongly emerging record of excellence in research. Publicize OIST and solicit faculty recruiting to the conference participants by inviting and hosting prestigious international conference in computer science to OIST.			A
1.3 Faculty Affairs Actions	<p>(Faculty Recruitment)</p> <p>1301 A series of appointments of outstanding Faculty is planned which strengthens the OIST research portfolio following broadly the proposals set out in the Framework Document II by both broadening and deepening the coverage of the different scientific disciplines while maintain a balance between seniority, international and Japanese faculty and enhancing the gender balance. The aim is to recruit up to 9 new Faculty positions driven mainly by the excellence of the candidates, to increase the number of Faculty to 60 toward the goal to reach 100 Faculty units by 2023 in the Framework Document II. The research areas include Biology, Chemistry, Computer Science, Ecology and Environmental Science, Marine Science, Mathematics, Neuroscience, and Physics.</p> <p>1302 Provide suitable research and work space for new faculty members in FY2016 by implementing the following actions.</p> <ul style="list-style-type: none"> ➢ Continue to adapt the reserved spaces in Lab 3 to the needs of faculty. ➢ Refit the vacated labs and work spaces in other lab buildings. ➢ Create additional space by optimizing use of existing labs and workspaces. ➢ Encourage sharing of equipment and common facilities by faculty members to increase available spaces. ➢ Coordinate closely with new faculty members to meet space requirements. 		<p>(Faculty Recruitment)</p> <p>1301 The group include one tenured Professor, 3 Associate Professors, and 6 Assistant Professors. Recruiting is only one part of generating great faculty and we are in process of developing an Academic Development Initiative that will include mentorship for younger faculty; specific teacher training for our small group teaching; basic management training. We hired a manager and a specialist to enhance human resources training and education for both faculty members and unit members.</p> <p>1302 Research space for additional faculty members and additional space for expanding existing units have been successfully provided in FY2016 in coordination with the Space Allocation Subcommittee, and include the following.</p> <ul style="list-style-type: none"> ➢ Lab 3 has been fully furnished and occupied in FY2016. ➢ New lab spaces have been fitted out in the existing facilities for the new faculty members. ➢ Marine Science Station building has been completed and occupied in FY2016. ➢ Engineering Support Building has been completed and occupied in FY2016. ➢ Storage spaces in the existing facilities have been 	

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1.3 Faculty Affairs Actions	Coordinate with Resource Allocation Committee for efficient use of space. (Faculty/Research Evaluation) 1303 Continue the evaluation of research units by external committees consisting of world-class prominent scholars at the internationally highest standard – the committees will rigorously evaluate the achievements, uniqueness, future possibilities, and other elements of the research unit with fair and transparent standards. The evaluation results will be used in judgments of promotion of faculty members and continuation of the research units. (In FY2016 evaluation of up to 7 units is planned.)	* Number of research units evaluated	vacated and have been converted to research space. Optimization of space use is ongoing and will continue. (Faculty/Research Evaluation) 1303 Six unit reviews were undertaken. All 6 Unit reviews were excellent. Two Units received a 'world leader' assessment while the others were all world class (in the top 10% of the field). The committees had specific recommendations, mainly for expansion of the two best Units but all were continued at least at the same level. All three candidate Associate Professors were supported by external referees and ratified by the Board of Governors at their February meeting. Only one tenure review was ongoing all year with the outcome still not confirmed by the Board of Governors.	
	1304 Continue to publish the summary of research evaluation expeditiously to fulfill the accountability to the public in using public expenses for the research projects.		1304 With successful result of unit reviews, three Associate Professors were promoted to the rank of Professor. They will each give a public lecture sometime during 2017 as part of celebration and recognition of their new achievement. Attachment 1. 2-2 FY2016 Research Honors Attachment 1. 2-3 FY2016 Outreach by Faculty and Researchers	
1.4 Global Networking Goal	OIST Graduate University will continue to create strong networks with the international science community. It will do this, for example, by increasing collaborative agreements with universities and institutions, and by hosting academic workshop. OIST will increase its reputation as an International Graduate Research University committed to the betterment of society through conducting leading basic research and training the best scientists.			A
1.4 Global Networking Actions	1401 Enable and enhance collaborative relationships with other universities by developing exchange agreements concerning interns, course credits, and other exchange opportunities. (Repeated. See 1.1).	* Number of collaboration agreements with universities and research institutions * Number of international courses and workshops	1401 Through holding RSD section peer review by external experts and joining on Advanced Bioimaging Support Platform, enhanced collaborative relationships with other universities and institutions. (1107 Reposted) Numbers of Collaborative Agreements as of end of March 2017 New Joint Research Agreements: 18 Continuation/Amendments Joint Research Agreements:	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>1402 Continue to host international courses and workshops at the highest level in the world and provide students and young researchers with the opportunities of learning forefront science and interacting with outstanding peers. In addition, invite world-class international conferences to OIST venue to increase opportunities for the OIST researchers and students to establish networks with other researchers through academic and social events. Maintain flexible and efficient operation of each workshop by keep ensuring a reduction of cost for each workshop by reducing the travel support for the workshop participants, obtaining funding support from other institutes and more efficient travel and accommodation procedures.</p> <p>1403 Continue to host top undergraduate students in residential courses and laboratory placements as research interns in research units.</p> <p>1404 Continue to implement special research student programs, and through those programs, accept students from universities in Japan and around the world for practical trainings in research units.</p>	<p>* Number of participants of international courses and workshops</p> <p>* Number of students accepted from domestic and international universities</p>	<p>15 MTAs: 80</p> <p>Attachment 1. 4-1 Academic Exchange Agreements List</p> <p>1402 Held 11 OIST Workshops and 7 Mini-Symposia, all of which are recommended by the Conference and Workshop Committee through strict judgment process to meet the criteria of world-class programs. In total 806 people participated. In addition, one Jointly-funded workshops and two strategic conferences have been recommended by the committee and held in collaboration with world-class research institutes, resulting in inviting additional 940 participants to OIST. A new category of travel support “travel bursaries” has been negotiated with the procurement section to reduce the cost.</p> <p>Attachment 1. 4-2 FY2016 List of OIST Funded Workshops/Mini-Symposia</p> <p>1403 Hosted 98 Research Interns including 15 Japanese students in FY2016.</p> <p>1404 The Special Research Student program continues as a way for non-OIST students to benefit from OIST facilities and supervision. Several students from across Japan have graduated in FY2016 from their home universities, and have left OIST.</p>	
Chapter 2 Governance & Administrative Transparency and Efficiency				
2.1 Basic structures for governance and business operations Goal (1)	<p>The Board of Governors (BOG), which consists mainly of non-executive members based on the OIST SC Act and the OIST Bylaws unlike the case of most Japanese traditional institutions, takes ultimate responsibility for operation of the OIST SC and OIST Graduate University. The Board of Councilors (BOC) reviews the operations of the corporation with broad views of the society, including those of the local community. These two boards play key roles together in ensuring effective and transparent governance of the OIST SC in accordance with pertinent</p>			A

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	Japanese laws and the OIST SC Bylaws. The CEO/President will continue to provide the leadership in the execution of the Business Plan and accountable to the BOG and the BOC. The governance of OIST SC especially features the appropriate relationship between these boards and the CEO/President. Auditors of the corporation will conduct rigorous audits to ensure appropriateness and efficiency of the operations of the corporation.			
2.1 Basic structures for governance and business operations Actions (1)	<p>(Basic Management)</p> <p>2101 Commences the fifth year since the School Corporation began. Regular BOG meetings will be held in May, September and February, and regular BOC meetings will be held in May and February 2017. In the BOG meeting in May, the performance and achievements of FY2015 will be reported and evaluated. The results of this assessment are made available to the CAO for public sharing.</p> <p>2102 BOG and BOC have established subcommittees to ensure effectiveness of their functions. Activities of these subcommittees will receive sufficient administrative support (Subcommittees of the BOG: Steering, Budget and Finance, Academic and Research, Audit and Compliance, and (Ad-hoc) Community Relations and Future Planning. Subcommittees of the BOC: University Management, Budget and Finance, Academic and Research and Sustainable Development for Okinawa.). A web or telephone conference system will continue to be utilized for the BOG and BOC meetings to enhance efficiency as well as promote active participation of governors and councilors who are in distant locations.</p> <p>2103 The CEO/President will continue to exercise leadership in all matters of daily operation of the OIST SC and the OIST Graduate University and ensure steady implementation of the Business Plan.</p> <p>2104 Auditors will continue to conduct rigorous regular audits of all aspects of business operations, including budget execution, tendering and contracts, and the status</p>		<p>(Basic Management)</p> <p>2101 The BOG met in May, September and February at OIST, all 2 days plus pre-meetings. September BOG had three days prior to the main meeting for the Presidential Search Committee, interviews and selection were held. The BOC met for 2 days in May (with one day of overlap with the BOG) and by teleconference in February. Both the BOG and BOC reviewed the FY2015 Performance Report prior to and during the May meeting. The Report was approved by the BOG and made available to the CAO for public posting.</p> <p>2102 The sub-committees met as needed. The web-based system was strengthened, including providing pre-meeting tests for those unfamiliar with the system. These improvements contributed to increasing the participation of Governors and Councilors that were not able to attend the meetings in person.</p> <p>2103 The CEO/President both exercised strong and effective leadership in all matters of daily operation of the OIST SC and the OIST Graduate University. The Business plan was utilized strongly as the guide to management.</p> <p>2104 Conducted the periodical audit in Oct - Dec 2016 on all aspects of business operations. A report was prepared and informed to the President, and discussed the results</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	of compliance, based on the Auditing Plan developed in advance while coordinating with internal audits and accounting audits, and conduct special audits in addition when deemed necessary. While keeping appropriate independence, Auditors will continue to maintain effective communications with the university management through the Vice President in charge and will be provided sufficient information and staffing necessary for conducting their duties. Result of Auditors' audit will be reflected in future operations through their reporting at BOG meetings, etc.		and made recommendations. Auditors' Audit Report for FY2016 will be submitted to BOG and BOC in May. Personal Information Protection Audit was conducted as well. Aside from the periodical audit activities, gathered information on the business operation through weekly meetings with VPAC and from the President, EVP, and other VPs when necessary to gain better understanding of the management condition.	
2.1 Basic structures for governance and business operations Actions (1)	(Commence Expansion) 2105 In July 2015 an external "Peer Review" was conducted to evaluate OIST's progress and expansion plan. The focus of the evaluation was to assess whether OIST Graduate University is on track to become a world-class education and research university capable of generating sustainable development for Okinawa. The Peer Review Panel unambiguously confirmed that progress across all key measures of excellence has been outstanding. In these measures, OIST was judged to be on a par with the 25 universities ranked highest by World University Rankings 2014/2015. As a central recommendation the Panel endorsed the general plan of growth suggested in the Framework Document II, aiming at a goal of approximately 100 outstanding research groups, with a proper balance among different fields of research, and a graduate school of a few hundred students, one decade from now, by the mid 2020's. Toward the end of this decade of development, further growth of OIST should be deliberated and planned.		(Commence Expansion) 2105 Expansion of the University was pursued aggressively, with strong reliance on the FDII and Master Plan. Key activities included the launch of a broadly-based faculty search and the construction of Laboratory 4.	
2.1 Basic structures for governance and business operations Goal (2)	OIST Graduate University will continue to build and maintain the administrative organizations by which a world-class international graduate university will be effectively administered. While being autonomous, OIST Graduate University will keep close contact with the Cabinet Office (CAO) to be accountable for its budget execution and business operations to the Japanese Government.			A
2.1 Basic structures for governance and business	2106 Continue to hold weekly meetings with the President/CEO, Vice CEO, and other executives to prepare major decisions, to share information and review the status of business operations. In addition, hold		2106 The Executives and the Chair of the Faculty Assembly continued the practice of a regular weekly meeting. The meetings were conducted under an agenda and recorded. Regular meetings were also conducted by	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
operations Actions (2)	<p>all-hands meetings as necessary. Continue to hold the bi-monthly information sharing meeting between the Executive and the Faculty Assembly to improve the flow of information between senior management and the Faculty.</p> <p>2107 Maintain close communication with CAO through the Vice President in charge of governmental relations. Specifically, continue the Quarterly Meeting to share information such as the status of implementation of the Business Plan. In addition, prepare business sketch and budget requests for FY2017 well in advance through close discussion with CAO.</p> <p>2108 Continue necessary preparation for university accreditation conducted in 2018 by a MEXT-certified independent accreditation organization.</p> <p>2109 A new ERP system will be implemented as a central tool for managing the HR and Finance systems at OIST Graduate University. This will be the most significant administrative change since OIST began as a university. The Information Technology, or IT, at OIST serves both the University as well as the academic core, through the Scientific Computing and Data Analysis Section of the RSD. Continuous improvements in a wide range of services are being implemented. These include processes as well as new infrastructure.</p>		<p>the President with individual members of the executive. The Executive also constitute the membership of the Salary Review Committee that has the mission to establish and maintain equitable compensation and associated policies at the University. In doing so, the SRC will set the guidelines, parameters and scope for both the annual Performance Review Program and the related Salary Program.</p> <p>2107 Maintained close communication with CAO through the Quarterly Meetings in April, August, October and January and other meetings held for specific issues. Appropriately and timely shared necessary information such as progress in FY2016 Business Plan, FY2017 Business Sketch, budget request for FY2017, and preparation of FY2017 Business Plan, etc.</p> <p>2108 Selected a MEXT-certified organization for university accreditation/evaluation to be conducted in FY2018. Prepared a detailed work schedule, translation of fixed formats and other surveys, monitoring of education and research activities along with evaluation standards and perspectives, a table of executives responsible for drafting each evaluation standard item, and a draft of Self-Inspection and Evaluation Report both in Japanese and in English.</p> <p>2109 The HEART (Human Resources, Accounting, Education, Research Transformation) project completed at the end of FY16. This transformative project has overhauled business processes across Finance (FY15) and Human Resources (FY16), and united them under a single system (SAP). ERP projects are notoriously difficult, frequently running over schedule and budget. The HEART project was completed on schedule and with only minor variance in budget. Prior to the HEART project, OIST ERP services were run atop predominately in-house systems. The companies providing these systems used were of low reliability. The HEART system sees the core ERP functions of the University provided as a cloud service by an experienced vendor, atop hardware located at sites in Tokyo and Osaka. Business continuity processes are now regularly tested, and backups are taken daily between the</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>2110 Ensure IT provides an excellent quality of support service, in alignment with the goals of the University and the business plan. Specifically, ensure that support processes critical to research and educational productivity such as on-boarding, account creation and authorization changes are as automated and efficient as possible.</p> <p>2111 Ensure that clear and concise documentation and education programs exist to allow users to capitalize on IT resources and services.</p> <p>2112 Identify, evaluate, design, deploy and maintain infrastructure to support the business of the University, ensuring that infrastructure deployed can scale with the growth of OIST.</p>		<p>sites. The launch of the Human Resources portion of the HEART system at the start of FY17 has moved many paper based processes to digital, reducing the workload of HR staff.</p> <p>2110 IT at OIST continues to strive to provide excellent quality of IT service, under the mantra "support researchers, support the administration to support the research". The OIST identity management system was replaced in FY16, and interfaced with the newly completed HEART system. The Network team has continued to work closely with researchers to meet their complex networking requirements for research devices, and other non-standard applications. This effort remains key to supporting researchers and the activities of RSS, and those of the Scientific Computing and Data Analysis Section. The network team continues to develop the network to make it more flexible and reliable, allow it to best serve its role as the fuel line driving data into the HPC and analysis engines of the University.</p> <p>2111 The IT website and documentation were revised and updated in FY16. The updated website has a simpler structure, making it easier for users to find the information they are looking for.</p> <p>2112 Cloud was a key theme of FY16, and file sharing and data collaboration are the areas most impacted by this shift in technology. FY16 has seen substantial growth in the number of researchers under the OIST Dropbox account. Use of the OIST Dropbox allows researchers to freely share files beyond OIST, while merging in previously unmanaged personal Dropbox accounts containing OIST research data. SharePoint has been rolled out in the administration to replace the previous shared drives. SharePoint has provided improved access control over files, allowing divisions and sections to take back control of their data; readily recovering accidentally deleted files, and sharing files across divisional boundaries without needing to consult IT. Radio Frequency ID (RFID) tags have replaced asset barcodes on OIST fixed assets. These RFID tags and the associated management software have allowed OIST IT to deliver real-time asset location tracking</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
	<p>2113 Best position the University within relevant local and global IT initiatives to enhance and support the research and administrative activities of the University, and best promote Okinawa.</p> <p>2114 Provide legal advice in connection with legal issues arising at the relevant divisions at OIST, and ensure legally appropriate operation of the OIST SC by providing overall legal support in drafting, negotiation and execution of the agreements handled by relevant divisions at OIST.</p>	<p>to the Finance division and others. This technology will create enormous reductions in asset auditing workloads. In response to the increasing complexity and volume of malware threats, OIST IT has switched to Cylance as its anti-malware protection product. Cylance is much more efficient at tracking malware and viruses than McAfee. The OIST WiFi network was upgraded in FY16, with OIST IT now able to detect and respond to rouge wireless networks within the campus. These rouge networks regularly interfere with the OIST WiFi network disrupting the activities of researchers.</p> <p>The phone system was replaced, moving from Avaya to Cisco. This will reduce costs and make the OIST phone system more usable.</p> <p>2113 OIST IT has participated in several National Institute of Informatics conferences over FY16. OIST will become an official part of the NISC security initiate, which seeks to gather and disseminate information on security risks among Japanese national universities. OIST IT is also coordinating to host interns as part of the Okinawan "IT Frogs" program, which brings technical college students into OIST for 1 or 2 month projects. OIST IT continues to meet and collaborate with Nara Institute of Science and Technology, and this year meet with NAIST, JAIST, Kanazawa and Toyama Universities in an information sharing workshop centred around information security.</p> <p>2114 OIST has gotten rules in full favor of OIST allegation in the injunction courts (both in the district and the appeal court) of tenure review lawsuits and the summary of judgement was shared among faculties.</p> <p>OIST has also resolved two major cases with long-lasting issues with some employees out of the court. In addition to regular seminars on Japanese Laws provided monthly for new employees, OIST held a special session for drinking and driving to raise consciousness of compliance with Japanese Law. Mandatory session and its mini-test are provided on e-learning system. In this fiscal year, OIST has increased the number of legal counsels from one to two for the general counsel office to perform its increasing responsibilities more efficiently including dispute resolution and drafting and negotiation of contracts</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
			with third parties.	
2.2 Budget allocation and execution Goal	On executing the budget including government subsidies, OIST Graduate University will continue efforts for improving cost efficiency and level, especially for general administrative expenses, by engaging in the improvements of procedures and systems to enable appropriate and effective allocation and execution of budget to fulfill its accountability to the government, sponsors, and general public.			A
2.2 Budget allocation and execution Actions	<p>2201 By holding Resource Allocation Committee, formulate high-level budget allocation and reallocations proposals of the university resources, such as Personnel budget, Operational budget, Equipment budget, and Space. For the purpose of appropriate allocation of the university resources, the proposals will be reviewed by the Executive Committee and then approved by the President/CEO.</p> <p>2202 Continue to have budgetary units, which are the allocation/execution unit, consistent with the organizational structure of the university and allocate the necessary budget to implement the Business Plan to each budgetary unit.</p> <p>2203 Continue to reinforce the budget allocation and reporting process by collaboration with the budget analyst assigned in each division. The status of budget execution will be reported monthly to the President/CEO at the monthly Budget Review Meeting in order to ensure appropriate and integrated budget management of all funds including the Subsidy for Facilities. In addition, report the budget execution status to CAO on monthly basis.</p> <p>2204 The system of Research Plans has been implemented. All faculty members have been asked to fill out the Research Plans that contain plans for the science, with appropriate summaries as well as requests for resources. Resource requests will cover human, operational expense and instruments and other capital needs. The Research Plan covers five years. Together with the peer reviews, as appropriate, decisions about</p>		<p>2201 By holding Resource Allocation Committee, formulated high-level budget allocation and reallocations proposals of the university resources, such as Personnel budget, Operational budget, Equipment budget, and Space. For the purpose of appropriate allocation of the university resources, the proposals were reviewed by the Executive Committee and then approved by the President/CEO.</p> <p>2202 Continued to have budgetary units, which are the allocation/execution unit, consistent with the organizational structure of the university and allocate the necessary budget to implement the Business Plan to each budgetary unit.</p> <p>2203 The budget allocation and reporting process was reinforced by actions such as front-loading the schedule through the collaboration with the budget analyst assigned in each division. The status of budget execution was reported monthly to the President/CEO at the monthly Budget Review Meeting in order to ensure appropriate and integrated budget management of all funds including the Subsidy for Facilities. In addition, reported the budget execution status to CAO on monthly basis.</p> <p>2204 In order to assign research resources properly and fairly, planning for expanding the cost sharing by the beneficiaries (e.g. use of research equipment and facilities by paying from external grants like Kakenhi) has been started. We allocated appropriate budget considering research plan.</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>budget allocations will be made. Mid-year review in September and another review in January, at the beginning of the fourth quarter will be conducted. These are points where all the research-related budgets are balanced between surpluses and over-expenditures. This fine-tunes the expenditures to optimize spending. The mid-year review is also when checks are made to ensure capital purchases are in line for delivery and acceptance by the end of the Fiscal Year.</p> <p>2205 Continue to properly manage competitive research funds including KAKENHI (Grants - in - Aid for Scientific Research) in accordance with the rules provided to each grant under the Dean of Research while coordinating with the Budget and Accounting Sections.</p> <p>2206 Continue to implement the procedures to comply with laws and University policy and rules – the procedure in budget execution includes reviews by the Vice President in charge of compliance when individual budget expenditures exceed a predetermined threshold.</p> <p>2207 Conduct internal audit under the Vice President in charge of compliance, as well as develop human resources through sending our staff to training courses provided by government agencies, etc. on regular basis, to ensure proper contract, procurement and accounting procedures.</p> <p>2208 A committee consisting of external experts will review of contracts concluded by the University in order to ensure proper implementation of tendering. In addition, exert efforts in ensuring fair and transparent procurement through measures such as establishing a committee including external experts and having their review on</p>		<p>2205 Competitive research grants like Kakenhi has been executed, and the report and the audit on those have been completed properly with no problem. Conducted Mid-year review in October and year-end review in January and February. Appropriate budget reallocation was made by taking into account the delivery and acceptance of capital purchases by the end of the Fiscal Year.</p> <p>2206 As cases are broken into some patterns when individual budget expenditures exceed a predetermined threshold, the section leader in charge of compliance reviewed the appropriateness of the negotiated contracts which do not exceed 5M JPY and the VPAC/AVPAC reviewed the ones which exceed 5M JPY. From a viewpoint of efficiency and risk management, we keep the current threshold. Reductions of contract amounts and streamlines of contracting procedures were promoted.</p> <p>2207 Conducted internal audit based on the internal auditing plan under the Vice President in charge of compliance, as well as developed human resources through sending our staff to accounting training courses provided by MOF Accounting Center and national school in Kyusyu to ensure proper contract, procurement and accounting procedures.</p> <p>2208 Held a committee consisting of external experts twice and the committee reviewed contracts concluded by the University to ensure proper implementation of the tendering. And improved contracting procedures based on their advice. The number of holding of Specification and Technical</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>specifications of large research tools/equipment for each purchase based on the University's policy and rules.</p> <p>2209 The RSD Section Leaders and the faculty managers will consider proposals of common and shared research resources.</p>		<p>Review Committee concerning large scale research tools/equipment is 9.</p> <p>2209 All proposals of common and shared research resources were reviewed at the users group meeting organized by RSD Section Leaders to maintain fair review process.</p>	
2.3 Efficiency of business operations Goal (1)	OIST Graduate University will continue its efforts to improve efficiency in its business operations.			A
2.3 Efficiency of business operations Actions (1)	<p>2301 Support research activities, such as promoting common/shared use of research equipment and tools (See 1.2) and utilizing the methods of unit price contracts, bulk purchase for research materials and reagents, and multi-year contracts.</p> <p>2302 Reduce costs of research supplies and reagents which are usually used by price negotiation as well as general purchases.</p> <p>2303 Reduce costs of research equipment maintenance by reviewing the methods of maintenance etc.,</p> <p>2304 Improve the Internal supply store operation for supporting research activities efficiently and effectively.</p>	<p>* Reduction of costs by unit-price contracts and bulk purchase</p> <p>* Increase of use of the internal supply store</p> <p>* Ratio of purchase contracts concluded through tendering or other competitive processes (number of contracts and amount)</p>	<p>2301 Promoted unit price contracts and bulk purchase for common/shared use of research equipment and tools. In addition, centralized maintenance contracts in a common research support section.</p> <p>2302 Made efforts for cost reduction by utilizing unit price contract and bulk purchase.</p> <p>The number of unit price contract: 34 items</p> <p>2303 Reduced cost of research equipment maintenance by compiling the maintenance contracts by makers, by reviewing the methods of maintenance, and by price negotiation. Streamlined the contract process for such item that only one vendor will be able to provide the maintenance, by utilizing negotiated contract under the approval of Procurement Committee.</p> <p>2304 Improved the internal supply store operation to support research activities efficiently and effectively. The number of goods available at the store: 1678 (vs. FY2015, increased 492 items) Increase of use of the internal supply store Amount of sales : JPY 52,785,658 (vs. FY2015, increased -0.3%) Number of customers : 3,927 person (vs. FY2015, increased 7.1%) The</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
	<p>2305 Contracts of the University shall be based on the principle of ensuring sufficient transparency and competitiveness, and in case of making a negotiated contract, thorough information disclosure will be ensured, such as by disclosing the reason for the negotiated contract. Monitor procedure for negotiated contract continuously. At the same time, review procurement policy, rules and procedures regularly from the perspectives of efficiency and simplicity. Start streamlining the segregation and procedures related to procurement for the future expansion of the University.</p>	<p>Increase of use of the office supply store Amount of sales : JPY 14,905,873 (vs. FY2015, Increased 6.7%) Number of customers : 5,616 person (vs. FY2015, 5,288 person, increased 6.2%) The sales amount of research consumables such as flasks, centrifuge tube, pipet chip, etc., has decreased as the result of promotion of cheaper ones with the same specifications. (-0.3% from the previous year)</p> <p>Additionally, started operation of reagent store by online purchasing system. As the result of user satisfaction survey conducted in the end of the year, the degree of overall satisfaction was 4.2 out of 5.0 (The number of valid respondent was 78.).</p> <p>2305 To ensure proper and efficient implementation of tendering and contracts, we held the Contract Review Committee consisting of external experts, which reviews contracts concluded by the University. The tenth (August 5, 2016) and the eleventh (Feb 28, 2017) meetings were held in FY2016. Reported to Committee the measures which were reflected to contract procedures, the measures which is taken for cost reduction, and the measures for further improvement on procedure for tender and contracts. Held the internal Procurement Committee and reviewed 65 contracts. Also, established Specification Formulation Committees and Technical Examination Committee consisting of external experts to have their review on specifications of large research tools/equipment for each purchase exceeding 50m yen, to ensure impartiality and competitiveness on the tender procedure. The number of the Committee: 9 Thorough information disclosure was ensured, such as by disclosing the reasons for the negotiated contracts when those expenditures exceeded a predetermined threshold (Building construction 2.5M, Goods 1.6M, Services 1.0M, Lease 0.8M). Streamlined the process for negotiated contract by reviewing the process for preparation of specification</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>2306 Study continuously for the direct purchasing from abroad, considering the price correction of Japanese market.</p> <p>2307 Collect reference data comparing prices of supplies and equipment etc. in Japan and abroad and use such data in direct negotiation with manufacturers/agents/forwarders to improve cost efficiency of purchasing. And mitigate price increases caused by recent devaluation of JPY.</p> <p>2308 Conduct appropriate actions for adapting sufficient procedures of OIST staff to the change of consumption tax, etc.</p> <p>2309 Support those efforts for administrative internationalization made by national universities and other institutions through conducting a training program at OIST to their staff members and enhance administrative</p>		<p>documents. Additionally, examined the rule for cases when University may conclude negotiated contracts. Improved the new acceptance & inspection system which records the process for the acceptance & inspection. Reviewed PRP28 and procurement policy, rules and procedures regularly from the perspectives of compliance, efficiency and compatibility with the other rules and regulations. Reviewed the corporate insurance program. Reduced the insurance rate of fire insurance largely by enhancing competitiveness. Exchanged information with the other research institutes (Osaka University, Ritsumeikan University, RIKEN, Tokyo University, Advanced Industrial Science and Technology (AIST) and private pharmaceutical company.) to improve knowledge, skill, sense of compliance of the procurement staff, and enhancement of supply chain.</p> <p>2306, 2307 Collected reference data prices of supplies and equipment etc. in Japan and abroad and used such data in price negotiation with vendors. The number of the additional data: 687 The total of the reference data is 1,242 (Accumulated until FY2015: 555 and the additional 687 in FY2016). Utilized the data in negotiation and succeeded in controlling the rising of list prices by fluctuations in foreign exchange rates.</p> <p>Ratio of purchase contracts concluded through tendering or other competitive processes (number of contracts and amount) Contract number: 154 (22.4%) [FY2015 195(26.8%)] Contract amount: JPY11,000 million(79.7%) [FY2015 JPY5,250 million (66.9%)]</p> <p>2308 Since the change of consumption tax rate has been postponed until October 2019, no particular action was taken in this fiscal year.</p> <p>2309 Contributed to promote their administrative internationalization by receiving trainee members from Tohoku and Osaka university. Enhanced administrative efficiency by absorbing their knowledge and experience on</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	efficiency by absorbing their knowledge and experience on university operation and management.		university operation and management.	
2.3 Efficiency of business operations Goal (2)	OIST Graduate University will make the best use of its facilities and equipment.			A
2.3 Efficiency of business operations Actions (2)	<p>2310 A thorough survey of use of research and work spaces in all three existing laboratory buildings has begun since beginning of 3rd quarter of FY2015, and will continue more actively throughout FY2016 in order to optimize efficient use of available space in entire facility by the followings means and methods:</p> <ul style="list-style-type: none"> - Creation of updated data including CAD drawings with furniture and equipment layout for continuous monitoring of efficient use of space. - Creation of more common use of space for research activities <p>Relocation of uses that are not required to be in the valuable spaces allocated for research, such as storage rooms for unused equipment and furniture.</p> <p>2311 Continue to promote external use of Auditorium and other facilities.</p>		<p>2310 With the addition of a new staff in Facilities Operation and Use Section, we have been able to survey all the spaces in the existing facilities and update the basic floor plans and space allocation floor plans. Achievements are as follows:</p> <ul style="list-style-type: none"> - Based on the new data, we have been able to optimize use of space and have created new lab spaces for expansion of existing units and accommodation of new units. - A large quantity of storage items have been moved to the new Engineering Support Building and the vacant spaces have been converted to research spaces. - The effort is ongoing and will continue throughout 2017 and future years. <p>2311 "Conference Center", the building complex of R&D Cluster Hall and the Auditorium, is now heavily used for OIST internal activities and external events. More than 6000 people participated in these events, such as "32nd Meeting of the Deans of the Faculty of Science of the Japanese 15 National Universities", "The 25th Annual Meeting of the Japanese Society of Health Education and Promotion", "The Way to Coral Reefs Rehabilitation - Symposium for The Coral Reef Preservation and Rehabilitation Project in Okinawa Prefecture (Sango no Umi Festa in OIST)".</p>	
2.4 Personnel management Goal	OIST Graduate University will continue to attract, hire and retain qualified employees, who are essential for the university to achieve its goals sustainably, by providing globally competitive compensation and benefits as well as training opportunities. At the same time, as a corporation operated largely with a subsidy from the Japanese Government, OIST Graduate University will continue to make further efforts to contain overall personnel costs, with strong efforts to keep the employees' salary at a			A

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	reasonable level consistent with expectations of tax-payers, as well as ensuring accountability in such aspects, by implementing continuous actions following “On the Salary of Officers and Employees of Special Public Corporations, etc. (by Administrative Management Bureau, Ministry of Internal Affairs and Communications on December 24, 2015)” and embodying actions following “On the Salary of Officers and Employees of Special Public Corporations, etc. (by Administrative Reform Promotion Taskforce Secretariats in Cabinet Secretariat on October 7, 2014).”			
2.4 Personnel management Action	<p>(Recruitment)</p> <p>2401 Continue to consider the recruiting and hiring of qualified persons for those important positions to administer an international university.</p> <p>2402 Continue to recruit qualified staff necessary to support new or expanded functions as well as research support positions while recognizing and utilizing internal human resources.</p> <p>2403 At the same time, manage the headcount within ranges decided in budget and with the use of external funds to prevent the organization from expanding excessively the use of subsidy funds. Take account of the trend among universities and similar institutions in Japan and abroad in order to achieve an efficient and streamlined administrative sector. Prepare rules to on converting fixed-term employees to a new category of permanent employment based on revised labor contract laws.</p> <p>2404 Continue to enforce the equal opportunity policy to promote diversity at the workplace and to improve the gender balance among all job levels and categories.</p>	<p>* Number of employees (by job categories, nationalities, and gender), by seniority</p> <p>*Ratio of staff in administrative divisions to the total headcounts</p> <p>*Ratio of labor costs to the total operational budget</p>	<p>(Recruitment)</p> <p>2401 We hired world class executives, i.e. President, and Dean of Research.</p> <p>Attachment 2. 4-1 FY2016 Number of Employees</p> <p>Ratio of staff in administrative divisions to the total headcount; 34%</p> <p>Ratio of labor costs to the total operational budget: 36% (current estimate)</p> <p>2402 We were able to strengthen the recruiting team by adding a recruiting specialist, and to improve the process from development of position, posting jobs, interview, and final decision.</p> <p>2403 The PEREX Budget Sub Committee (PBSC) became firmly operational, and new positions were allocated in a transparent and fair manner while staying within the allocated budget.</p> <p>2404 The Male to Female ratio of staff hired in FY2016 totaled; Male 50.3%, and Female 49.7%. The Female ratio among the Senior Executives increased to 33.3% in FY2016. At the monthly new employee's orientation session, we are explaining the policy of Gender Equality at</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>2405 Continue to promote gender equality in all aspects of university management, especially to identify professional development opportunities for female researchers and to support career advancement opportunities for female administrative staff. Start collecting data in order to develop evidence-based strategies to accomplish the goal of the Taskforce. Continue working with Okinawa Prefecture and universities in Okinawa on projects designed to inspire middle/high school girls to study science and consider science-based careers.</p> <p>2406 Promote hiring people with disabilities by removing barriers for providing equal working opportunities.</p> <p>2406 Promote hiring people with disabilities by removing barriers for providing equal working opportunities.</p> <p>2407 Continue to strengthen the employee service related function, both for new and current employees as well as students, such as child-care services, family support, food services, health/medical services and living needs support on basis of feedback from users and changing needs as the campus population grows. Continue to network with schools to increase the opportunities for children education. Network with OPG, Employment Service Centers (Hello-Work), and potential employers to identify more options for spouse work.</p>		<p>OIST.</p> <p>2405 Held monthly Gender Equality Committee meetings except for August and December. The Committee continue to implement the recommendations of the Gender Equality Taskforce. We organized networking lunch for women admin staff every month, and for women faculty, researchers, technicians and students every other month. We invited world-class STEM leaders who happen to be female as a speaker for the "Distinguished Speaker Series". In addition, we held "unconscious bias" training for the Faculty Search Committee in order to minimize the negative impact of unconscious bias in the faculty hiring process. Along with Ryudai, OIST hosted the 9th annual meeting of Qwea (Kyusyu Women's Encouragement/Empowerment Association), a consortium of 11 Universities in Kyusyu Okinawa area. The theme of the meeting was "Globalization of Kyusyu and Okinawa, and roles of female researchers". To encourage female junior and senior high school students in Okinawa to go into the STEM field, high school students in Okinawa, and support their career choices, we held a workshop entitled "Science Project for Ryukyu girls" in cooperation with Ryuku university and the Okinawa Prefecture.</p> <p>2406 Three positions were set aside to hire qualified persons with disabilities. They were made available to any divisions within OIST, and they were quickly filled.</p> <p>2407 The welfare functions – Clinic, Health Center, Ganjuu, CDC, and Resource Center remained under a single organizational element, representative of each function continued to meet regularly to achieve better coordination of each function and enhancement of the services.</p> <p>Resource Center combined the function of the Registration Desk, launched as a new Resource Center. It offers extensive information regarding life in Okinawa and helps the international clients to understand information of Japan. At the same time, it enhances opportunities for OIST community members to exchange information and skills/talent.</p> <p>The relocation function in HR continues to be highly</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
			effective, well evaluated and appreciated by all new employees and students. Resource Center and HR relocation began to work closely to share the tasks for more efficient operation of each function.	
2.4 Personnel management Action	<p>(Compensation) 2408 Continue to manage the annual performance evaluation and job grade systems, referring to competitiveness factors such as salary levels of national government employees and those of academic institutions in and outside of Japan. In addition, embodying and implementing actions following “On the Salary of Officers and Employees of Special Public Corporations, etc. (by Administrative Management Bureau, Ministry of Internal Affairs and Communications on December 24, 2015).”</p> <p>2409 The Registration Desk will continue to support visiting researchers and invited guests.</p> <p>2410 With completion of Village Housing facilities on main campus in 2015, work on planning for additional on-campus and off-campus housing will start in 2016. Assisting members of OIST in search of off-campus housing and managing their lease agreements.</p>	* Salary Level of employees (average salary by job category)	<p>(Compensation) 2408 A 0.4% flat increase was made for all salary ranges to match the salary levels of national government employees, based upon information from “On the Salary of Officers and Employees of Special Public Corporations, etc. (by Administrative Management Bureau, Ministry of Internal Affairs and Communications on December 24, 2015)”. Attachment 2. 4-2 FY2016 Salary Level of Employee</p> <p>2409 The Registration Desk function was merged into the Resource Center. All the operations are covered smoothly under the new Resource Center.</p> <p>2410 With the help of consultants, the feasibility study of on-campus housing was completed in FY2016 and planning for financing of on-campus housing has started. Negotiation on possible off-campus housing started in FY2016 and is ongoing.</p>	
2.4 Personnel management Action	<p>(Career development, training and evaluation) 2411 Continue to develop a career development plan for administrative staff, including provisions for training opportunities, securing replacements, and succession planning.</p> <p>2412 Based on the needs of OIST staff and requests from managers and staff members, continue to provide skill-based training for staff and managers focusing on the requirements of all staff levels. As appropriate, surveys and interviews will be used to determine training needs.</p>	* Number of employees taking training programs	<p>(Career development, training and evaluation) 2411 Continued to provide opportunities for career development for administrative staff. For example, we organized Microsoft Office trainings by the external instructors, and English language trainings for administrative staff jointly with Language section Attachment 2. 4-3 FY2016 Number of Employees Taking Training Programs</p> <p>2412 Constructed the Training Directory , and provided information on training programs required to acquire skills and capacities for the various functions. Also, we held the training for supervisors to understand their fundamental roles, and improve their communication skills. For faculty, researchers and graduate students, we provided four workshops ranging from the art of negotiation, mentoring, effective communication strategies, and how to launch a career.</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>2413 Continue to provide online sexual harassment prevention training. Other stress related matters will also be addressed by implementing "stress check". HR Training will support OIST's focus on wellness and other work-related issues with external and internal offerings.</p> <p>2414 In line with OIST's PRP directive, continue to provide a monthly orientation to new incoming staff. Orientation will consist of general orientation about the university, its procedures and Japanese laws along with practical orientation on OIST administrative systems/rules for administrative staff.</p> <p>2415 In FY2016 OIST will increase the number of language courses given to staff and family members. There is a very strong demand for language training and the ability to communicate in English and Japanese is a foundation of the success of the University.</p> <p>2416 Continue to manage the annual performance evaluation system with job grade and salary ranges. Annual performance evaluation is based on goals/expectations proposed in the beginning of the term, appropriate to the characters of each job category ensuring fairness and transparency via self-assessment and reviewers' evaluations. Also, reflect the evaluation results in employee salaries, while continuing to ensure quality in evaluation and a reliable process with advice from the Salary Review Committee. In addition, implement training on a regular basis to provide newly promoted managers as well as newly hired employees, with necessary updates to the process.</p>		<p>2413 In order to comply with the national requirement, we instituted Stress Check with almost 50% of participation rate. The result was communicated to Executives, and Division heads as appropriate, and was being used as a management tool.</p> <p>2414 Monthly Orientation for new incoming staff was held and a total of 206 employees participated during the 12-month period. A simplified version of the "Japanese Law" seminar is incorporated in this orientation as compulsory, which is a crucial factor for being legally compliant. Dialogues with Executives were greatly appreciated by the participants.</p> <p>2415 A total of 344 participants including employees and family members were enrolled in English courses and 495 participants were enrolled in Japanese courses. OIST offered 25 different English courses and 39 different Japanese courses.</p> <p>2416 In consultation with the Salary Review Committee, we reviewed the entire annual performance evaluation process, and made continuous improvements with special considerations paid to fairness and transparency. Specialized performance evaluation training courses were conducted to provide supervisors and subordinates with the skills necessary to hold effective dialogs about objectives and performance, with the aim of supporting the career development of subordinates.</p>	
2.5 Compliance Goal:	OIST Graduate University will ensure compliance in all aspects of the university operations.			A
2.5 Compliance Actions	2501 The Vice President for Administrative Compliance will continue to review the budget execution status and contracts exceeding a predetermined threshold as well as new and revised policies, rules and procedures from a view point of compliance.		2501 Continued to review the budget execution status and contracts exceeding a predetermined threshold as well as new and revised policies, rules and procedures from a view point of compliance.	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>2502 Continue to establish and revise policies, rules and procedures appropriately at the right time in response to revision of relevant laws and regulations or changing situation, and hold the PRP review committee periodically to maintain consistency in policies, rules and procedures as a whole. Provide legal advice to each policy owner division in drafting and revising the policies, rules and procedures.</p> <p>2503 Continue to ensure appropriate creation, management and retention of documents concerning decision making and its processes in the operation, based on the Act concerning the Management of Public Documents (Act No. 66 of 2009) and University Policy and rules that are developed accordingly.</p> <p>2504 Handle personal information properly based on the Act on the Protection of Personal Information held by Incorporated Administrative Agencies etc. (Act No. 59 of 2003), the Act on the Use of Numbers to Identify a Specific Individual in the Administrative Procedure (Act No. 27 of 2013) and the University policy and rules that are developed accordingly.</p> <p>2505 Through audits by Auditors and internal audits carried out under the Vice President for Administrative Compliance, provide rigorous review of the status of compliance including the implementation of the policies and rules, and reflect the result as necessary.</p>		<p>2502 Established and revised policies, rules and procedures appropriately at the right time in response to revision of relevant laws and regulations or changing situation. Revised existing rules in compliance with the “Revised Labor Contracts Act ” (Law No.56 of August 10,2012). Besides, held the PRP Review Committee in March to maintain consistency in policies, rules and procedures as a whole.</p> <p>2503 Ensured appropriate creation, management and retention of documents concerning decision making and its processes in the operation, based on the Act concerning the Management of Public Documents and University policy and rules that are developed accordingly.</p> <p>2504 Gave advice to relevant divisions, handled personal information properly based on the Act on the Protection of Personal Information held by Incorporated Administrative Agencies etc. (Act No. 59 of 2003), the Act on the Use of Numbers to Identify a Specific Individual in the Administrative Procedure (Act No. 27 of 2013) and the University policy and rules that are developed accordingly.</p> <p>2505 Conducted internal audits based on the internal audit plan under the Vice President in charge of compliance to ensure proper contract, procurement and accounting procedures. When individual budget expenditures exceed a predetermined threshold, the section leader in charge of compliance reviewed the appropriateness of the negotiated contracts which are less than 5M JPY and the VPAC/AVPAC reviewed the ones which exceed 5M JPY. As concerning compulsory training in compliance, we conducted the monthly training for newly joined employees in FY2016 (times 12, participants 165). Further, we provided the e-learning programs for all faculty and employees in accordance with “the MEXT Guideline for use of public funds.” In order to reduce legal risk by applying appropriate knowledge of laws and regulations, a “-Information Session-Laws & Regulations for University Operations” was conducted. The seminar was presented in Japanese</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>2506 To facilitate evaluation of situations that may give rise to conflicts of interest, formal written disclosure of external activities and commitments is required of all University officers and employees each year, based on the PRP Section 22.3.1 in "Avoiding Conflicts of Interest & Commitment".</p> <p>2507 Continue to ensure that our research activities are compliant with pertinent regulations and laws.</p> <p>2508 To prevent misconduct of research funds, various measures will be taken, including initiatives for ensuring through familiarization of all faculty members and researchers with rules of use of research funds, increasing the awareness of thereof, and strengthening the administrative structure for the conditions of acceptance-inspection process of purchases.</p> <p>2509 Committee for the Promotion of Proper Research Conduct will encourage all OIST researchers and students to take research ethics education in order to promote responsible conduct of research. The committee also take initiative to establish necessary manuals or procedures so that all researchers and students perform appropriate and effective operations over storage and disclosure of research data in compliance with relevant administrative guidelines. (See1.2)</p> <p>2510 Reorganize sections and offices related to health and safety, and then establish the Environmental health and safety Division to support and advance the teaching,</p>		<p>and English. In total, around 120 staff attended the sessions.</p> <p>2506 To facilitate evaluation of situations that may give rise to conflicts of interest, VPAC required all university officers and employees to disclose their external activities and commitments on a formal basis based on the PRP Section 22.3.1 in "Avoiding Conflicts of Interest & Commitment", and implemented its management and operation.</p> <p>2507 Research applications regarding Animal Experiment, Recombinant DNA, Pathogens & Toxins, Human Subject Research, Laser, Field Activities, Restricted Chemicals, Radiation, or Restricted Instruments & Import/Export were properly reviewed by the responsible committees, and approved, if necessary with additional approval from relevant offices of the government.</p> <p>2508 Proper use of research funding was promoted by establishment of guidelines and basic seminar for new faculty members joining to OIST. A prevention plan of misconduct of public research funding has been established.</p> <p>2509 A prevention plan of research misconduct on public research grants has been made through repeated discussion among the relevant members. The previous dual role responsibilities on Dean of Research for management of public research grants and for management of compliance on research grants was reviewed, and the latter one (management of compliance) has been reassigned on Research Finance Manager, Grants & Research Collaborations Section Leader, and Business Development Section Leader. Guidelines on Archival and Disclosure of Research Data, Laboratory Notebooks, Research Specimens and Chemicals has been established. (1209 Reposted)</p> <p>2510 In order to integrate the tasks covered by existing sections and provide trainings and management for the emergency like earthquake, tsunami, etc., a new position,</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	learning and research activities of the University through promotion of a safe and healthy campus environment by providing and coordinating programs and services that minimize safety, health, and environmental and regulatory risks to OIST community in a manner consistent with responsible fiscal and environmental stewardship. (See1.2)		Emergency Management Coordinator was created under Dean of Research, and its recruitment has been started.(1210 Reposted)	
2.6 Information Disclosure and Public Relations Goal:	The fast growth of the Graduate University requires OIST to guarantee transparency of academic and administrative operations, and accountability to the general public. In order to obtain broad support for OIST both from Japan and overseas, and to enhance worldwide recognition of the Graduate University, we will communicate actively with various stakeholders and promote OIST.			A
2.6 Information Disclosure and Public Relations Actions:	<p>2601 Continue to disclose the information appropriately on the OIST website etc. to comply with the School Education Act (Act No. 26 of 1947) and the Act on Access to Information held by IAs (Act No. 140 of 2001).</p> <p>2602 Continue development and expansion of the OIST Website to maintain its position as one of the leading and truly bilingual Japanese /English academic websites in Japan.</p> <p>2603 Continue organizing press briefing sessions and press conferences in Okinawa and on the mainland, and also generate press visits to OIST, in order to maintain consistently positive press coverage of the Graduate University.</p> <p>2604 Continue improving the OIST Graduate School Website, publication database, and News Center to facilitate retrieval of information about the OIST Ph.D. program and publications by OIST researchers, and to encourage use of OIST photos, videos and other multimedia.</p>		<p>2601 Continued to disclose the information appropriately on the OIST web site etc. to comply with the School Education Act and the Act on Access to Information held by IAs.</p> <p>2602 In 2016 a new section, Digital Services Section, was established in the CPR division. Two highly skilled web developers have been hired and the university no longer has to rely on external commercial consultants for web development. The first important change was to move the public website to the Cloud resulting in a tenfold faster reaction time for external web users. OIST has maintained its benchmark position as the leading bilingual university web site in Japan.</p> <p>2603 OIST organized 10 press conferences and press briefing sessions in Tokyo, Osaka, and Okinawa, met with more than 300 people working in the media industry, and received a number of OIST visits by print and broadcast reporters from Okinawa, mainland Japan and overseas.</p> <p>2604 Working with the Graduate School, major updates were made to the admissions website. Care of the publications data base has been transferred to the Office of the Dean of Faculty Affairs and is part of the Institutional repository project. The quality of the articles and photos has been maintained in the News Center. A time consuming but very important project of archiving all existing OIST photos in a key-word searchable database</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>2605 Increase effective use of social media such as Facebook, Twitter and YouTube to propagate excitement about the OIST Graduate University.</p> <p>2606 Continue to maintain and improve the library of OIST Policies, Rules and Procedures on the website.</p>		<p>was completed. Major work was done on transferring OIST photos to FLICKR to give the public much faster and complete access to our collections.</p> <p>2605 OIST now has over 7000 followers on Facebook. All research results are also sent out on Twitter and all videos are posted on YouTube. As mentioned above the photo collections will also be posted on FLICKR.</p> <p>2606 Maintained and improved the library of OIST Policies, Rules and Procedures on the website.</p>	
Chapter 3 Finance				
3 Finance Goal:	Following Mid-term Strategy for External Funding, OIST Graduate University will continue to broaden its financial basis strategically by increasing amount of research grants, donations, and other sources aim of becoming more financially independent in the future. This will be from two main sources, namely external competitive grants and from fundraising. OIST will strengthen our organization for external funds and consider effective measures such as incentives for researchers.			A
3 Finance Actions:	<p>(Grants)</p> <p>3001 The number of awarded grants has increasing. These include: KAKENHI, JST Strategic Basic Research Programs (CREST, PRESTO), and the Human Frontier Science Program. In order to increase external funds, OIST will implement the action plan made in November 2015 towards the target that OIST set and will update. For example, as new junior faculty join OIST Graduate University, we will hire a grant facilitator, and continue our grant-writing workshops to help them succeed in Japanese competitive grant opportunities along with the action plan made in November 2015. These workshops will be given in both languages and there will be language support for grant preparation. The Grants and Collaborative Research Section of the RSD will continue to collect information about grant opportunities in Japan and abroad and communicate these on a regular basis to members of our research community.</p>	<p>* Increase of the number of application for external research grants</p> <p>* Increase of the number of awarded research grants (number and amount)</p> <p>* Increase of the number of external funding to OIST (total amount and breakdown)</p>	<p>(Grants)</p> <p>3001 To attract more applicants, both internal and external, for fellowship, benefit packages that include housing were established.</p> <p>Seminars on how to write KAKENHI application forms were conducted in both English and Japanese. To enhance the quality of applications, internal and external researchers and professors with considerable experience in reviewing KAKENHI applications were invited to act as grant facilitators, who pre-reviewed KAKENHI application forms and gave comments on presentations by researchers. Applications for KAKENHI were encouraged by providing research incentive to those whose applications were pre-reviewed by the grant facilitators. Because of these programs, the number of applications increased from 76 in FY2015 to 126 in FY2016 (165% vs FY2015) and successful applications has been increased from 19 to 28 and more to be added.</p> <p>Attachment 3. 1 FY2016 External Grants and</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>3002 In addition to regularly checking sources of funding agencies in Japan and abroad, we will collect information about any precursory activities leading to announcements of new grants, such as from advisory boards of MEXT.</p> <p>3003 Encourage researchers to apply for private sector and industry-related grants and provide proactive application support such as translation, editing, and budgeting.</p>		<p>Donations Table</p> <p>3002 Information about initial activities leading to new research grants by MEXT, CAO or their agencies were collected through periodical check of the websites of domestic and international funding agencies. Seminars and discussions were held, while inviting the responsible persons from JSPS, JST, AMED for a variety of competitive research funding.</p> <p>3003 The Technology Development & Innovation Center manages industry-related research collaborations funded by the government and the private sector. In FY2016, TDIC staff promoted 25 funding opportunities, supported the submission of 19 grant applications, increased collaboration with industry and strengthened relationships with the local government and institutions. As a result of this proactive encouragement and support, external funding from private-sector sponsorship and government grants increased more than ¥100M, from ¥124M in FY2015 to ¥230M in FY2016. This exceeded by 1.8 times the target set by the "OIST Medium Term Strategy for External Funding", May 2013.</p>	
3 Finance Actions:	<p>(Donations)</p> <p>3004 We will recruit a Director of Fundraising and initiate an Office of Fundraising.</p> <p>3005 We will work with two established fundraisers, one in North America and one in Japan. The combined efforts will start our fundraising at OIST Graduate University.</p>		<p>(Donations)</p> <p>3004 Senior Associate for Institutional Development was hired into the President's Office. Senior Associate will develop basic infrastructure for fundraising operation.</p> <p>3005 Senior Associate for Institutional Development started to work on development of a prospective plan covering key strategic markets, defined by geography, specific business and industry, as well as philanthropic culture.</p>	
Chapter 4 Contribution to Self-sustainable Development of Okinawa				
4 Contribution to Self-sustainable Development of Okinawa Goal	<p>Japan's "Basic Policies for Fiscal Management and Reform 2014" aims to foster sustainable economic development in Okinawa and includes measures to promote the creation of an international "intellectual and industrial" cluster (R&D cluster) centered upon OIST and other institutions. OIST established the Office of the Executive Vice President for Sustainable Development of Okinawa in FY2014 to reflect the university's commitment</p>			A+

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	to its founding objective to contribute to the sustainable development of Okinawa, as stipulated in the OIST SC Act, and to promote the development a R&D cluster. The Office will continue to identify, patent, and promote discoveries in the OIST research laboratories and to build a R&D Cluster in Okinawa. We will continue to expand collaborative R&D projects with established industry partners and to foster the development of entrepreneurial spin off companies based on OIST intellectual property. We will aim to expand the Proof-of-Concept Program, to support the development of OIST inventions towards commercialization. In addition to the existing foundation of Japanese partners, international relationships will be expanded. Also, OIST will continue to enhance collaboration and communication with the local community and local schools and develop the campus as a center for cultural and community activities.			
4 Contribution to Self-sustainable Development of Okinawa Actions	<p>(Research Exchange and Collaboration)</p> <p>4101 Continue to promote research exchanges and joint research with industry, including major corporations and venture firms, by proactively identifying potential companies, building long-term relationships, and scheduling company visits and exchanges. Prepare formats for and provide legal support in negotiation and execution of agreements necessary for collaborative research with industries.</p> <p>4102 Continue the entrepreneurship education workshop, with a focus on supporting the commercialization of technologies in the Proof-of-Concept (POC) Program and</p>	<p>* Number of official contacts with companies, with the view of future collaborations.</p> <p>* Number of collaborative projects with companies (collaboration agreements, joint research projects, commercialization of intellectual property, etc.)</p> <p>* Number of symposiums, meetings, workshops organized or hosted by OIST around topics related to industry development and R&D cluster development.</p>	<p>(Research Exchange and Collaboration)</p> <p>4101 Exchanges and collaborations with industry are managed by the Technology Development and Innovation Center (TDIC) which proactively promotes academic-industry relationships and develops opportunities for technology transfer of OIST research discoveries.</p> <p>In FY2016, TDIC managed:</p> <ul style="list-style-type: none"> • 11 Sponsored and Collaborative Research projects with major companies, (6 renewals and 5 new collaborations) • 11 new Non-Disclosure Agreements (NDAs) were concluded with major companies and new projects based on the information exchange are currently being developed. • 46 new connections with companies made through introductions to OIST research, discussions of opportunities for collaboration, or visits to OIST <p>Attach 4. 1 FY2016 Industry-related Collaboration and Innovation Seminars and Events</p> <p>4102 The 4th entrepreneurship education program was organized to foster entrepreneurial activities based on inventions developed by OIST researchers. Instructors</p>	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>other related technology development programs. Continue to invite students and researchers from other universities in Okinawa to promote entrepreneurship in the prefecture.</p> <p>4103 Enhance OIST access to industry expertise by expanding Industry Mentors for the POC Program and related technology development programs. Explore the feasibility of other programs such as Industry Fellowships, Entrepreneur-In-Residence, Industry Internships, etc., as a way to establish long-term links to industry and accelerate technology transfer.</p> <p>4104 Continue existing five industry-related research projects funded through OPG in areas of energy, plant, medical, and environmental biology. In addition, contribute to academic meetings and symposia related to the projects to enhance knowledge and technology transfer.</p> <p>4105 Diversify funding source by encouraging researchers to apply for private sector and industry-related grants and provide proactive application support such as translation, editing, and budgeting. Explore new funding sources and maintain a database of opportunities.</p>		<p>from the U.S. National Science Foundation's Innovation Corps (I-Corps) Node in Washington DC lead a 3-week intensive entrepreneurship training program based on the Lean Startup method. 16 researchers and staff participated in a hands-on approach to customer development, value proposition, and the business model canvas. Representatives from an Okinawan bank and a Japanese funding agency were present to observe and learn from OIST's program.</p> <p>4103 T TDIC continues to expand its network of technical and industry experts to support its technology development activities, such as the Proof-of-Concept Program and the R&D Cluster Research Program. More than 40 experts from around the world have participated as reviewers and mentors of these programs.</p> <p>4104 Four existing research projects with private and academic partners had their funding renewed by the Okinawa Prefectural Government (OPG) in the following programs:</p> <ul style="list-style-type: none"> • Intellectual Industrial Cluster Project (Startup Promotion Program) • Intellectual Industrial Cluster Project (International Joint Research Program) • Subtropical/Island Energy Infrastructure Technology Research Project • Project for Enhancement of Competitiveness of the Medical Industry in Okinawa <p>The projects are in the areas of plant and systems biology, energy and drug discovery.</p> <p>4105 As a result of proactive encouragement and support provided by TDIC, external funding for industry-related research from private-sector and government grants increased more than ¥100M, from ¥124M in FY2015 to ¥230M in FY2016 (see attachment).</p> <p>Highlights of new industry-related government grants include:</p> <ul style="list-style-type: none"> • 2 new research projects funded by the OPG ("Alien Species Countermeasures Project" and "Okinawa 	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
			<p>Science and Technology Innovation Development Project”).</p> <ul style="list-style-type: none"> • The JST START Program awarded a multi-year grant for the “Development of new eco wastewater treatment system using microbial fuel cells”. This is OIST’s 2nd START grant to prepare the launch of a new startup. • A multi-year collaborative research project titled “Development of cross-cutting breeding techniques and new feed from abundant materials for fishery products” under the National Agricultural and Food Research Organization was launched this year and is expected to continue for five years. <p>Five new collaborations with industry in the areas of health, energy, and materials science also contributed to the increase in external funding.</p>	
4 Contribution to Self-sustainable Development of Okinawa Actions	<p>(Intellectual Property Management)</p> <p>4106 Continue to foster invention disclosure procedures that complement and protect the basic research mission of OIST.</p> <p>4107 Expand international external expert advisors for efficient and strategic management of intellectual property and recommendations on patent filing. Enhance quality of the Invention Evaluation Committee with the expanded pool of external experts.</p> <p>4108 Develop standard operating procedures for the implementation and use, including by third parties, of a</p>	<p>* OIST intellectual property (number of invention disclosures, patents filed and awarded, etc.).</p>	<p>(Intellectual Property Management)</p> <p>4106 Invention disclosure procedures via OIST's Electronic Application System (EAS) were improved to facilitate more efficient and effective disclosure of inventions. This has reduced administrative time in evaluation and patent filing. In addition, a technology licensing specialist was recruited to closely support intellectual property management in the life science field.</p> <p>4107 Two new external patent experts (1 from the US and 1 from Japan) have been integrated into the existing IP specialist network. The network now totals 26 members from 5 countries.</p> <p>The expanded specialist network and improved procedures for managing intellectual property have resulted in:</p> <ul style="list-style-type: none"> • 9 new invention disclosures being evaluated by the Invention Evaluation Committee • An increase a patent application filings from 55 in FY2015 to 86 in FY2016 • 22 new patents awarded, increased from 6 in the previous fiscal year <p>4108 The IP management system, SOPHIA, was customized to manage day-to-day operations from</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>new IP management software system to manage invention disclosures, patent communications, deadlines, customer relationships, and license negotiations.</p> <p>4109 Continue to expand awareness of inventions and protection of intellectual property throughout the university by organizing training, seminars, and workshops, including the Innovation Seminar Series.</p>		<p>invention disclosure to licensing and was extended to monitor inter-institutional agreements. Standard operating procedures are being developed to aid efficient and standardized operations.</p> <p>4109 TDIC expanded opportunities to learn about inventions and intellectual property, reaching more than 200 researchers and staff:</p> <ul style="list-style-type: none"> • A graduate student professional development course on intellectual property was conducted by a patent litigation expert in Japan and the US. • An introduction to intellectual property conducted by TDIC staff was integrated into monthly orientation sessions for all new employees. • A "TDIC Lab Visit Program" was implemented to provide OIST research units with one-on-one introductions to IP. 6 labs were visited in FY2016. <p>Attach 4. 2 Patent Status</p>	
4 Contribution to Self-sustainable Development of Okinawa Actions	<p>(Technology Transfer and Development)</p> <p>4110 To encourage entrepreneurship, develop a package of services to support OIST spinouts and OIST-related ventures, including access to facilities and equipment. Develop and implement rules for eligibility, selection, benefits, and review of potential startups.</p> <p>4111 Strengthen business knowledge of priority industrial sectors and build plan to target these sectors, taking into account findings from high-level meetings related to R&D cluster development and technology areas where OIST is developing expertise, such as energy, materials science, health, and computational science.</p> <p>4112 Support communications and relationships with industry by participating in well-recognized industrial workshops and conferences nationally and internationally, such as BIO International Convention, Bio Japan, Nanotech Japan, and others.</p>	<p>* Number of applied research projects (proof of concept, feasibility, etc.) supported by OIST POC program and other related programs.</p> <p>* The number of use of our research facilities by external organizations, etc.</p>	<p>(Technology Transfer and Development)</p> <p>4110 Benchmarking was conducted on startup support programs at 19 universities in 9 countries, including Japan. This background analysis strengthened the development of proposals for new programs, services, and infrastructure to promote startups from OIST research discoveries and entrepreneurship in Okinawa. The proposals are expected to be submitted for Executive approval in FY2017.</p> <p>4111 Market reports were commissioned based on an analysis of industry areas related to OIST intellectual property, POC projects, and R&D Cluster Research projects. The reports strengthen internal knowledge of: key industries, potential collaborators and licensees, market size, and competitors and are also shared with inventors.</p> <p>4112 Members of TDIC participated in 9 national and international conferences and exhibitions:</p> <ul style="list-style-type: none"> • BIO tech 2016 • BIO International Convention 2016 • Medical Device Development Expo 2016 Tokyo • Okinawa Business Promotion Seminar • BioJapan 2016 	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>4113 Continue enhance business development activities by strengthening internal expertise in global business and marketing of science & technology.</p> <p>4114 Ensure the successful pilot of the Proof of Concept (POC) program by providing competitive internal funding and project management services for specific projects that will enhance the commercialization of OIST IP. Explore the feasibility of expanding the POC Program to include a Phase II for more advanced commercialization projects.</p> <p>4115 Devote space in Lab 3 to house the OIST Technology Transfer Center as a co-laboratory where OIST researchers and their external academic and industrial collaborators can conduct feasibility studies to transform OIST technologies into practical applications.</p> <p>4116 Enable the use of OIST research facilities by external academic and industrial users, while ensuring prioritized access by internal users. (See 1.2)</p> <p>4117 Outline the need and develop standard operating procedures for an incubator facility proximal to the campus to house startup ventures based on OIST IP, including eligibility, terms of use, services provided, funding, and</p>		<ul style="list-style-type: none"> • China International Industry Fair 2016 • nano tech 2017 • Medical Device Development Expo 2016 Osaka • BIO Asia International Conference <p>4113 Members of TDIC attended 19 external professional training events in Japan and abroad to enhance their ability to manage technology transfer and business development of OIST technologies.</p> <p>4114 Seven new Proof-of-Concept (POC) projects were awarded in FY2016, bringing the total ongoing POC projects to 12. The 7 new projects are in the areas of health, environment, and energy.</p> <p>Planning was conducted to modify and expand the POC program into 2 distinct phases: Phase I to support technology feasibility projects and Phase II to support advanced commercialization and scale up projects. The expanded POC program with Phases I and II will begin operating in FY2017.</p> <p>4115 Space consisting of 5 modular lab rooms in Lab 3 Level A has been designated the “Technology Development Labs” and dedicated to technology development projects, particularly those related to the POC and R&D Cluster Research Programs. The Technology Development Labs is also housing an OIST startup until other space, such as an incubator, is available close to the campus. The space continues to be at full capacity, with a growing list of eligible technology development projects waiting for access.</p> <p>4116 Prior to consideration of the use of OIST research facilities by external academic and industrial users, discussion on how to establish rules and procedures for users on external research grants (e.g. KAKENHI etc.) started.</p> <p>4117 Benchmarking was conducted on startup incubators at 19 universities in 9 countries including Japan which indicated that a growing number of universities have successfully implemented incubator facilities on or near</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>management.</p> <p>4118 General Counsel Office will provide overall legal support to the Business Development Section and the Technology Licensing Section in drafting, negotiation and execution of agreements in relation to collaborative research, sponsored research and patent administrative research for the POC program.</p>		<p>their campuses. In addition, an analysis of the increasing number of intellectual property, collaborative research with industry, and advances being made by POC and R&D cluster projects indicate a strong near-term need for dedicated space to support startups and technology transfer to industry. Based on this analysis, a proposal is being developed to establish an incubator facility close to the OIST campus which will include space and services for startups and commercialization projects.</p> <p>4118 The Office of the General Counsel was expanded to include additional staff dedicated to supporting agreements with industry, including collaborations, MOUs, NDAs, and patent administration.</p>	
<p>4 Contribution to Self-sustainable Development of Okinawa Actions</p>	<p>(R&D Cluster Development)</p> <p>4119 Incorporate the R&D Cluster Hall into seminar, workshop, symposium, and related activities in conjunction with the OIST Auditorium to foster R&D opportunities and exchange.</p> <p>4120 Incorporate startup incubator facility into strategy for R&D cluster development.</p> <p>4121 Towards implementing the recommendations made at the international workshops on R&D cluster development in Okinawa, OIST will continue to work closely with the Cabinet Office, Okinawa Prefectural</p>	<p>* Number of symposiums, meetings, workshops organized or hosted by OIST around topics related to industry development and R&D cluster development.</p>	<p>(R&D Cluster Development)</p> <p>4119 The R&D Cluster Hall has been formally integrated into the OIST Conference Center and is being widely used by internal and external organizations for R&D related meetings/workshops/seminars.</p> <p>4120 The need for an incubator facility near the OIST campus was evaluated by estimating the potential for incubator activity that could be derived from the R&D Cluster Research Program, the Proof-of-Concept Program, OIST IP, etc. The strategy for integrating OIST industry collaborators, funding partners, and technical advisors into the operations of the incubator facility was evaluated. A study was made of other university incubator facilities, including visits to both local and leading international incubators. Models for facility management, participant selection, resource assignment, cost recovery, etc. were examined. As part of an effort to strengthen local business and financial resources for startups, an MOU was signed with the Okinawa Development Finance Corporation, and a "Demo Day" for startups sponsored by Ryukyu Bank was supported as an external event at OIST.</p> <p>4121 New partnerships were established with the shared goal of promoting R&D in Okinawa:</p> <ul style="list-style-type: none"> An MOU was concluded with the Okinawa Development Finance Corporation to work together to 	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>Government, and local universities and industry on specific actions to establish an R&D cluster in Okinawa, including supporting the Task Force for the Establishment of an R&D Cluster Promotion Organization for Okinawa, participating in prefectural strategic planning committees, and building relationships with the international community to share best practices in promoting innovation.</p> <p>4122 Organize international symposia/workshops/seminars on the theme of accelerating innovation at universities, such as the Innovation Seminar Series, and on the theme of developing R&D clusters based on science and technology. Prioritize use of R&D Cluster Hall for such events.</p> <p>4123 Forge the government and academic partnerships necessary to advance an analysis of the science and technology capabilities at OIST and in Okinawa, along with an analysis of global market needs. Leverage this analysis</p>		<p>advance academic-industry collaborations with local companies and support startups in the Prefecture</p> <ul style="list-style-type: none"> Membership in the OPG Committee for the Science and Technology Roadmap was formalized <p>At the same time, relationships with Prefectural and national organizations were strengthened, including government agencies, banks, venture capital firms, and major companies through frequent meetings and visits.</p> <p>4122 A series of events were carried out.</p> <ul style="list-style-type: none"> The Chief Scientific Officer of New England Biolabs and Nobel Laureate in Physiology or Medicine, who described building a successful business based on enzymes and research reagents, and the unique environment at New England Biolabs that allows company researchers to continue to conduct and publish basic research. The seminar, attended by 78 participants, provided first-hand perspectives on how academia and industry can work together. The Chief Technology Officer of Synthetic Genomics, Inc. gave a seminar on technology transfer in the Development and Application of Synthetic Genomic Technologies Patent Attorney and Partner at Cantor Colburn LLP gave a seminar on Patent Law as a Career Path for Technology Professionals. A Partner at the Tokyo Orrick, Herrington & Sutcliffe LLP in Intellectual Property and Venture Start-Up, gave a presentation in the Professional Development Course in the Graduate School on Intellectual Property and Technology Transfer. <p>A review was conducted with a panel of external experts at the R&D Cluster Hall for the three Energy projects in the R&D Cluster Research Program. Eight international experts in technology development and innovation were invited to assess the advanced projects aiming to contribute to development of sustainable energy.</p> <p>4123 A partnership with the U.S. Department of State was concluded to advance an analysis of indicators of science and technology output, including publications and patents. As part of the partnership, an externally-funded Science</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
4 Contribution to Self-sustainable Development of Okinawa Actions	to inform OIST strategy for R&D cluster development. Work to develop measurement tools to analyze the impact of innovation in science and technology.		Policy Fellow conducted preliminary analysis and developed an outline for future work.	
	<p>(Promotion of R&D cluster related research) 4124 R&D Cluster-related basic research involves a number of different groups at OIST. Especially, the Executive Vice President for Sustainable Development of Okinawa interacts with our partners outside of OIST and facilitates communication and economic development that may occur as a result of these activities. The Business Development Section and the Technology Licensing Section are under that Office. Below are summaries of the Research of R&D Cluster Promotion (listed below).</p> <p>4125-Marine Science Given the natural resources of Okinawa, given the geographical positioning of Okinawa close to East and Southeast Asia, given the fact that marine science is one of the five major research areas at OIST, and to make best use of academic and research resources of OIST, the foundation of the Okinawa Marine Science Center (OMSC) at OIST is being established. The primary focus of OMSC is "Understanding Evolution in The Marine Environment". The proposed research areas include: i) evolution of coral species in East and Southeast Asia, ii) co-evolution of</p>		<p>(Promotion of R&D cluster related research) 4124 The R&D Cluster Research Program has gradually evolved to focus on highly innovative research that is designed to develop new concepts, instrumentation, methods, technologies, or ways to produce or analyze data. These tightly focused projects involve significant interactions with partners outside of OIST, from industry to government to local community groups. In FY2016, coordination of the Program was transferred to the Technology Development & Innovation Center (TDIC) to better integrate with related technology development programs such as the Proof-of-Concept Program.</p> <ul style="list-style-type: none"> Following the 2nd year of support, 6 R&D Cluster Research Projects were reviewed by external technical and industry experts Policies and procedures were developed to incorporate eligibility, selection, and evaluation procedures into R&D Cluster Research Program management and operations to ensure that current and future projects are directed towards the development, application, or translation of research. <p>Selected R&D achievements in the 3 areas supported by the program:</p> <p>4125-Marine Science</p> <ul style="list-style-type: none"> Established the OIST Marine Science Center with an international advisory board Hosted Marine Science Workshop at OIST to strengthen network of marine science organizations in Okinawa Mitochondrial genome of hydrothermal vent gastropod analyzed Capability of the cable ocean observing system extended to include echo-identifications of marine species Novel method to monitor population genetics of natural and artificially planted corals provided the 	

FY 2016 Plan	Metrics	Achievements in FY2016	Self-evaluation
<p>organisms associated with corals, including microorganisms, algae, fish and other marine animals, iii) spatial and temporal dynamics of marine microorganisms in Okinawan reefs, and iv) origin of living systems at hydrothermal vents. OIST has made the decision to establish an Okinawa Center of Excellence in Marine Science. To accomplish this important objective, the following actions will be taken. 1) A core group of marine scientists is being recruited to establish a team to carry out research and education in the richness of Okinawa's marine environment. 2) External collaborators will be invited to join the center, with 5 to 10 founding members to be selected to assist in the development of the scientific strategy for the OIST marine science. 3) A laboratory facility will be constructed to accommodate resident scientists and collaborators and includes designated space in Laboratory 3 and an onshore facility with a raw-seawater supply (Seragaki Marine Lab). 4) Interaction with local researchers will be established. Current collaboration with the University of the Ryukyus will be expanded. The International Advisory Board is being established. The research topics proposed above and the concept of OMSC respond directly to mission statements of the Basin Plan on Ocean Policy, <i>Chapter 2-7 (2)</i>.</p> <p>4126-Energy Self-sustainability in energy is of utmost importance to island communities like Okinawa and Japan. Through R&D cluster related basic research OIST Graduate University is developing power-generating technology based on wave and current energy, this is potentially more stable than wind power and solar power. This program is also improving the next generation of solar energy technology, which is more cost-efficient. We are also developing more intelligent systems for small communities through an experimental micro-grid system utilizing our faculty and staff housing units.</p>		<p>highest resolution data to date regarding coral population structure and history</p> <ul style="list-style-type: none"> • Elucidation of molecular mechanisms of cellulose biosynthesis using the Ciona system resulted in a patent application • Comparative analysis of chitin illuminated how human gut microbiota developed. • Genome sequencing of various marine microorganisms conducted to produce secondary metabolic substances with potential bioactivity • <i>Accumulated results: 34 journal and conference papers, 1 invention</i> <p>4126 -Energy Development and integration of microgrid, micro-electric vehicle, and sustainable housing technologies towards sustainable living in island environments</p> <ul style="list-style-type: none"> • Startup established, OES Engineering, to pursue the distributed sustainable energy market • Test sites developed for proof-of-concept of electric vehicles connected to DC-microgrid system • Sustainable living prototype house designed and built on OIST campus in collaboration with Misawa Homes to test novel energy, dehumidifying, and radiant cooling technologies 	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>This intelligently manages the distribution of energy among housing units according to need and supply. We are developing more efficient and innovative photovoltaic cells for the future.</p> <p>4127-Advanced Medical Devices OIST Graduate University is contributing to National health efforts in particle therapy technology, e.g. through imaging technologies. Improving instrument effectiveness and efficiency are important. OIST specialists in accelerator and imaging technology are establishing collaborative research in this project with the University of the Ryukyus, National Institute of Radiological Science, University of Tsukuba, KEK and Stanford University.</p>		<ul style="list-style-type: none"> 6 collaborating organizations in Japan and the United States <i>Accumulated results: 1 start-up company, 11 journal and conference papers, 6 news articles</i> <p>Improving the efficiency, lifetime, and cost of next generation solar cells</p> <ul style="list-style-type: none"> 3 new methods to fabricate high-quality perovskite films Developed new method to measure solar cell stability <i>Accumulated results: 12 journal papers, 4 inventions, 6 news articles</i> <p>Developing wave energy conversion technologies</p> <ul style="list-style-type: none"> Prototype turbine designed, fabricated, and tested for proof-of-concept Preliminary tests of energy capture conducted in Okinawa; second test site prepared <i>Accumulated results: 22 journal and conference papers, 16 news articles</i> <p>4127 Advanced Medical Instrumentation Accelerator</p> <ul style="list-style-type: none"> With the development of new lithium target substrate technology nearing completion, new accelerator parameters for the OIST BNCT system were developed A new in-vivo molecular imaging instrument for advanced study of Drug Delivery System (DDS), the OIST-Gantry, was designed and developed in a collaborative research project with Institute of Space and Astronautical Science, JAXA A workshop on gamma-ray imaging was organized Cancer stem cells in three experimental models were characterized. A drug delivery system for BNCT was developed The design of the Drug Delivery System based on Mesoporous Silica Nanoparticles was completed and the first set of multifunctional nanoparticles was synthesized 	
4	(Networking with local institutions and communities)	* Number of visits and	(Networking with local institutions and communities)	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
Contribution to Self-sustainable Development of Okinawa Actions	<p>4128 Coordinate interactions with other institutions in Okinawa that encourage the development of an R&D cluster community for the Prefecture. This includes the Okinawa University Consortium, science, technology and industry promotion programs of the OPG, related roundtables, and other organizations.</p>	<p>visitors (including visitors on the Open Campus Day)</p> <p>* Number of local students who visited the campus</p> <p>* Number of lectures and talks for local students.</p>	<p>4128 TDIC coordinated interactions with a broad range of institutions in Okinawa to continue to build and strengthen the R&D Cluster community:</p> <ul style="list-style-type: none"> Participated in planning committees at three levels to establish the new OPG Okinawa Science and Technology Promotion Roadmap. We now participate in the Science and Technology Promotion Roadmap Council and related activities Regularly attended the Okinawa Association of Corporate Executives (Keizai Doyukai) for networking and information exchange. Supported the Okinawa People's Council for the Promotion of OIST General Assembly (Kenmin Kaigi) and reviewed possibilities for expanded interactions. Participated in the Roundtable on Human Resources Development by Cooperation among Academia, Industry and Government in Okinawa <p>Continued to participate in and support the Okinawa University Consortium, including planning for the national Nationwide University Consortium to be held at OIST in 2018, the 3rd Okinawa Student Summit, and the National Japan-U.S. Friendship Commission Forum</p>	
	<p>4129 Continue exchange programs by holding science lectures with local core medical institutions such as Chubu Hospital and Nanbu Medical Center and Medical Department of the University of the Ryukyus.</p>		<p>4129 Conducted the science talk by Dr. Yanagida of G0 Cell Unit for the 50 medical staff of Prefectural Nanbu Medical Center.</p>	
	<p>4130 Support large number of visitors (including companies and associations etc.) to the campus whilst making sure that the volume of visitors does not disturb the academic and research goals of the University.</p>		<p>4130 Welcomed 32,670 people to the campus by communication through OIST Web and the invitation letters to the board of education, schools. (figure includes 5,200 visitors to Science Festival)</p>	
	<p>4131 Hold the 7th OIST Open Campus Day at the OIST Campus. Promote the involvement by school students and local residents.</p>		<p>4131 Held Open Campus (Science Festival) with the support of 250 faculty, research staff, and administrative staff. 34 science demonstrations and exhibition shown to 5,200 visitors. Also, a group of high school students joined and made a presentation of their science project.</p>	
	<p>4132 Continue to invite school children in Okinawa to the OIST campus to give them the opportunities to see and learn about cutting-edge research facilities, with the aim of increasing their interests in academic and professional</p>		<p>4132 Communicated with schools through the prefectural board of education and district education offices, welcomed 1,720 students from 21 local high schools, 366 from 12 junior high schools, and 1,044 from 23 elementary</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>careers in science and technology. Continue the campus visit program for all senior high-schools in Okinawa in close collaboration with the Okinawa Board of Education and individual schools and host 20 local senior high schools within FY2015.</p> <p>4133 Continue and strengthen visits program for mainland Super Science High Schools, which provide advanced science and technology education programs, in collaboration with OPG and tourism organizations.</p> <p>4134 OIST will maintain as series of talks to all levels of school children given by faculty and other well-known scientific figures.</p> <p>4135 Organize the 6th Onna/OIST Children's School of Science in collaboration with Onna Village.</p> <p>4136 Organize a series of cultural events such as concerts and exhibitions both in the Auditorium and other facilities, to attract the local population to the University.</p> <p>4137 Assist local schools to enhance children's English ability and cross-cultural understanding by participating in meetings on English education hosted by local boards of education and facilitating OIST community's contribution to English programs at local schools.</p>		<p>schools, and introduced the education and research program of OIST.</p> <p>4133 Joined the event introducing the school trip programs of Okinawa "School Trip Fair" in Tokyo organized by Okinawa Convention and Visitors Bureau in Tokyo and Osaka, and introduced OIST visit program to the school teachers and the travel agents. Also sent the program information to all the Super Science High Schools to promote the visits, and had 336 students from 7 schools.</p> <p>4134 Invited JAXA Researcher to the "OIST Science Festival" and had science talk.</p> <p>4135 Held the 7th Onna/OIST Children's School of Science for 5 days August 22 – 26, 110 students attended for 6 classes. 33 teaching staff and administrative staff from OIST, 14 school teachers in Onna, 10 university student interns, and 2 high school student volunteers help the classes.</p> <p>4136 Held 3 art exhibitions, 3 music concerts, 1 Okinawan Traditional arts Concert, and 1 drama.</p> <p>4137 The Joint OIST/Onna Elementary School international classes continue to be successful. There are now 11 children attending these classes. There was only 1 student 3 years ago. OIST provides teaching staff for this program. A member of CPR Division also serves on the Board of the Okinawa Association of English Education, an organization that organizes programs to improve education in English on Okinawa.</p>	
4 Contribution to Self-sustainable Development	<p>(Other matters concerning Okinawa development)</p> <p>4138 Continue to employ talented people from Okinawa wherever possible.</p>	<p>* Number of employees from Okinawa (researchers and staff)</p> <p>* Number of externally</p>	<p>(Other matters concerning Okinawa development)</p> <p>4138 34 out of 161 employees hired were people from Okinawa. (13 members hired as a Unit, 21 members hired for an administrative section)</p>	

FY 2016 Plan		Metrics	Achievements in FY2016						Self-evaluation		
of Okinawa Actions		organized international conferences and workshops and number of the participants at the OIST venue.		Admin. etc	Technicians	Researchers	Total	Ratio			
			Okinawa	118	13	53	184	24.6%			
			Others	140	41	384	565	75.4%			
			Total	258	54	437	749	100.0%			
			4139 As we participated such as Okinawa Sangyo Matsuri, Okinawa MICE Contents Trade Show and others, we will continue to have OIST representation at major cultural, industrial or academic events in Okinawa. OIST will continue to work with the U.S. Consulate and the OPG to organize the science event for the high school students' research for enterprise, "SCORE," which is becoming one of the major science education competitions on the island.								
4140 Increase the number of externally organized international conferences and workshops at the OIST venue in collaboration with OPG and the Okinawa Convention and Visitors Bureau.						4139 Joined "Okinawa Sangyo Matsuri", "Science Exhibition by Okinawa Electric Co." and others, and introduced the research and education program of OIST. Also conducted the science competition for high school students, "4 th SCORE".					
4140 "Conference Center", the building complex of R&D Cluster Hall and the Auditorium, is now heavily used for OIST internal activities and external events. Provided meeting facilities to 47 external events (academic and non-academic). More than 6000 people participated in these events, such as "32nd Meeting of the Deans of the Faculty of Science of the Japanese 15 National Universities ", "The 25th Annual Meeting of the Japanese Society of Health Education and Promotion", "The Way to Coral Reefs Rehabilitation - Symposium for The Coral Reef Preservation and Rehabilitation Project in Okinawa Prefecture (Sango no Umi Festa in OIST)". (2311 Reposted)											
Chapter 5 University Campus and Community Development; Safety and Environment Protection											
5.1 Campus Development Goal	OIST Graduate University will continue to develop the campus as planned.								A		
5.1 Campus Development Actions:	5101 Study location of facilities and infrastructure on the Main Campus based on 2014 Master Plan.		5101 Updating and revision of 2014 Master Plan was started in FY2016. Future housing plans have been revised based on current demands and new roads have been added.								
	5102 Study feasibility of development of housing on the Seaside Campus.		5102 Feasibility study of housing on the Main Campus and Seaside Campus was completed in FY2016 and it has								

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>5103 Commence the construction of Lab 4 within FY2016.</p> <p>5104 Commence the site utilities and infrastructure, including roads and bridges leading to Lab 4 for commencement of construction within FY2016.</p> <p>5105 Operate and maintain the completed campus buildings, facilities.</p> <p>5106 Based on the Act for Promoting Proper Tendering and Contracting for Public Works (Act No. 127 of 2000), continue to promote disclose of pre- and post- tendering and contract information such as tendering schedule and result, etc. to ensure transparency.</p>		<p>been concluded that priority should be given to the development of housing on the Main Campus.</p> <p>5103 Contractors for Lab 4 building have been selected and construction began in FY2016.</p> <p>5104 Construction of the road for Lab 4 and developing the site for a bridge started in the summer of FY2016.</p> <p>5105 All campus buildings and facilities, including Marin Science Station and Engineering Support Building, which were completed in FY2016, have been successfully operated and maintained.</p> <p>5106 All tenders for new constructions have been conducted based on Act No. 127 of 2000 with complete transparency and fairness ensured.</p>	
5.2 University Community and Education/Childcare Services Goal	Continue to facilitate the development of the University community that includes staff, students, and their families, which is an important factor for the success of the University operation. OIST Graduate University will improve the education and childcare environment available to OIST employees by enhanced people and services with the Resource Center and the Child Development Center (CDC).			A+
5.2 University Community and Education/Childcare Services Actions	<p>(Developing the University Community)</p> <p>5201 Continue to take measures to enhance wellbeing of the OIST community including staff and their families, such as by implementing welfare programs at HR/RC and Ganjuu Wellbeing Service, enhancing the internal communication site, providing the information regarding the life in Okinawa and supporting initiatives (OIST Welcome Club etc.) and events organized by HR/RC/GWS.</p>		<p>(Developing the University Community)</p> <p>5201 The welfare functions – Clinic, Health Center, Ganjuu, CDC, and Resource Center remained under a single organizational element, representative of each function continued to meet regularly to achieve better coordination of each function and enhancement of the services.</p> <p>Resource Center combined the function of the Registration Desk, launched as a new Resource Center. It offers extensive information regarding life in Okinawa and helps the international clients to understand information of Japan. At the same time, it enhances opportunities for OIST community members to exchange information and skills/talent. The relocation function in HR continues to be highly</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>5202 The OIST Clubs Steering Group, manages the applications for club status. The Steering Group examines each application and either accepts, denies, or more usually asks for changes before accepting. There are now 20 clubs, which The clubs play an essential role in the social cohesion of the university.</p> <p>5203 The Registration Desk will continue to provide coming in services for visiting researchers and invited guests by registering and integrating them into the database.</p>		<p>effective, well evaluated and appreciated by all new employees and students. Resource Center and HR relocation began to work closely to share the tasks for more efficient operation of each function. (2407 Reposted)</p> <p>5202 The social activities at the university continue to grow and several new clubs have been created.</p> <p>5203 The Registration Desk function was merged into the Resource Center. All the operations are covered smoothly under the new Resource Center. (2409 Reposted)</p>	
5.2 University Community and Education/Childcare Services Actions	<p>(Education and Childcare Services for OIST Family)</p> <p>5204 Continue to provide high quality and fully bilingual Preschool and Afterschool/Holiday program for OIST families with appropriate user fees through the CDC with a new larger and modern facility for the preschool. The CDC Governing Board will continue to meet quarterly with separate meetings of the CDC Finance Committee, which will keep a strict eye on the budget of the school.</p> <p>5205 Continue the efforts to improve the educational environment for children of employees and students by increasing the opportunities of taking classes in English, in</p>		<p>(Education and Childcare Services for OIST Family)</p> <p>5204 The Pre-school (Tedako), the After-school and the Holiday programs continued to provide a fully bilingual, age appropriate programs in FY 2016. The Preschool Program (Tedako) has 121 Full Time, and 14 Part Time children attending. The After School Program has 20 children for the After school and 39 for the Holiday Program.</p> <p>The Child Development Center has strong oversight from the Board of Governors, whose members are: VPFA, VPAC, VPBFM, VPCPR(Chair), Dean of Graduate School, VPHRGE, Faculty Representative, and CDC Director. 4 new members were added. All of them have children in the programs. The Board of Governors met 3 times in 2016.</p> <p>A separate oversight committee, the CDC Budget Committee met 3 times. This committee was strengthened by the participation of Section Leader of the OIST Accounting Section. A call for tender was launched in 2016 for the construction of the extension to the Tedako building. The CDC has grown rapidly from 30 children in 2015 to its current status.</p> <p>5205, 5206 The Joint OIST/Onna Elementary School international classes continue to be successful. There are now 11 children attending these classes. There was only 1</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
	<p>collaboration with OPG, Onna-son and other surrounding communities.</p> <p>5206 OIST will continue to run the collaborative program with Onna elementary school, which provides English education for OIST children within the Japanese national system.</p> <p>5207 In FY2016 OIST will increase the number of language courses given to staff and family members. There is a very strong demand for language training and the ability to communicate in English and Japanese is a foundation of the success of the University. (Repeated. See 2.4)</p>		<p>student 3 years ago. OIST provides teaching staff for this program. A member of CPR Division also serves on the Board of the Okinawa Association of English Education, an organization that organizes programs to improve education in English on Okinawa. (4137 Reposted)</p> <p>5207 A total of 344 participants including employees and family members were enrolled in English courses and 495 participants were enrolled in Japanese courses. OIST offered 25 different English courses and 39 different Japanese courses. (2415 Reposted)</p>	
5.2 University Community and Education/Childcare Services Actions	<p>(Student Support)</p> <p>5208 Establish student support services and general welfare activities to promote a positive social and psychological environment for students. (See 1.1)</p> <p>5209 Improve the environment by increasing opportunities for sport and recreation.</p>		<p>(Student Support)</p> <p>5208 Student Support Services:</p> <ul style="list-style-type: none"> -Continued to run Peer Mentor Program to provide living supports by students from other universities in Okinawa. • General Welfare activities: -Organized cultural excursions and exchange events for students to interact with other students in Okinawa. <p>5209 Conceptual design for recreation facilities has been studied and evaluated, and different financial schemes, including public-private-partnership, or private funding are under study at present.</p>	
5.3 Safety and Environment Protection Goal (1)	<p>OIST Graduate University will take necessary measures to control risks, prevent disasters and protect the safety of employees, students and visitors.</p>			A
5.3 Safety and Environment Protection Actions (1)	<p>5301 Continue risk management planning.</p> <p>5302 Continue safety training for employees and students.</p> <p>5303 Enhance the sustainability of the campus under natural disasters in collaboration with Onna-son, and offer the campus to local residents for evacuation under</p>		<p>5301 Risk Management efforts were continued in collaboration with other sections and divisions responsible for this task.</p> <p>5302 Programs of safety issues related to fire, use of laboratories, and other areas have been conducted in collaboration with other sections and divisions.</p> <p>5303 Training for earthquake preparedness has been conducted, and is being continued. Coordination with Onna-son and Tancha-ku for collaboration in response to</p>	

FY 2016 Plan		Metrics	Achievements in FY2016	Self-evaluation
5.3 Safety and Environment Protection Goal (2)	disasters. OIST Graduate University will conduct its business in an environmentally friendly manner.		natural disasters is ongoing.	A
	<p>5304 Promote use of recyclable products.</p> <p>5305 Continue to monitor and optimize operations to minimize volume of greenhouse gas emission and energy consumption.</p> <p>5306 Minimize environmental impact on surrounding waters through providing measures such as enhancing the proper use and management of the water recycling system. In addition, prevent impact to local aquifers.</p> <p>5307 For various construction works associated with facility development, provide sufficient measures such as installation of turbid water treatment plants to prevent red soil run off.</p> <p>5308 Manage campus facilities and landscaping to preserve natural balance and protect indigenous species.</p>		<p>5304 Efforts in promoting use of recyclable products were continued in 2016 in collaboration with other sections of OIST.</p> <p>5305 With the help of consultants, we have continued assessing our operation in 2016 in order to minimize volume of greenhouse gas emission and energy consumption. An “Energy Management Committee” has been formed in 2016 to oversee overall energy management of the facilities.</p> <p>5306 We have continued monitoring both the Main Campus and the Seaside Campus throughout 2016, and necessary measures were taken to minimize environmental impact on surrounding waters.</p> <p>5307 By involving environmental assessment consultants and constant supervision of all the construction work, we have been able to prevent any soil run-off and have received confirmation from authorities.</p> <p>5308 To protect indigenous species, plants and trees alien to the environment are continuously removed to promote growth of local species.</p>	

平成28年度 業務実績報告 添付資料リスト

No.	File No.	資料名
1	1. 1-1	学生に関する情報
2	1. 2-1	平成28年度 OIST論文・発表数
3	1. 2-2	平成28年度 研究に関する受賞実績
4	1. 2-3	平成28年度 アウトリーチ活動実績
5	1. 4-1	学術交流協定一覧
6	1. 4-2	平成28年度 OIST主催によるワークショップ・ミニシンポジウム
7	2. 4-1	平成28年度 職位毎・国籍別職員数
8	2. 4-2	平成28年度 職員の給与水準
9	2. 4-3	平成28年度 研修の受講職員数
10	3. 1	外部資金・寄附金獲得状況
11	4. 1	平成28年度 受託研究等(産学連携)及びイベント
12	4. 2	特許出願状況

List of Attachment Documents to the FY2016 Performance Report

No.	File No.	English Document Name
1	1. 1-1	Students Information
2	1. 2-1	FY2016 OIST Publications and Presentations
3	1. 2-2	FY2016 Research Honors
4	1. 2-3	FY2016 Outreach by Faculty and Researchers
5	1. 4-1	Academic Exchange Agreements List
6	1. 4-2	FY2016 List of OIST Funded Workshops/Mini-Symposia
7	2. 4-1	FY2016 Number of Employees
8	2. 4-2	FY2016 Salary Level of Employee
9	2. 4-3	FY2016 Number of Employees Taking Training Programs
10	3. 1	FY2016 External Grants and Donations Table
11	4. 1	FY2016 Industry-related Collaboration and Innovation Seminars and Events
12	4. 2	Patent Status

Student Recruitment Status

Attachment 1. 1-1 Students Information

	No. of Applicants	No. of candidates attended admissions workshop	No. of offers made to applicants	No. of Students Admitted	No. of Males	No. of Females	Distribution of ages	Nationality	Major/Scientific Field	BS	MS	University
Class of 2012	208	80	49	34	24	10	23 (1)	Bangladesh (1)	Biology (12)	16	18	University College Cork (2)
							24 (4)	China (5)	Biomedical (2)			IIT, Kharagpur (1)
							25 (4)	Egypt (2)	Chemistry (1)			Yale University (1)
							26 (3)	Estonia (1)	Computer Science (2)			University of Warwick (1)
							27 (5)	Germany (4)	Engineering (8)			National Dong Hwa University (1)
							28 (4)	India (2)	Math (2)			Keio University (1)
							29 (3)	Ireland (2)	Physics (7)			Xinjiang University (1)
							30 (2)	Japan (5)				University of Osnabrück (2)
							31 (2)	Lithuania (1)				Univer.of Aberdeen (1)
							33 (3)	Malaysia (1)				American University in Cairo (1)
							34 (1)	Nigeria (1)				An-Najah National University (1)
							35 (1)	Pakistan (1)				University of Tartu (1)
							41 (1)	Philippines (1)				University of St Andrews (1)
								Taiwan (1)				National University of Singapore (1)
							Average (28.3)	United Kingdom (1)				Jacobs University (1)
								United States (3)				Rochester Inst. Tech (1)
								Zambia (1)				Ghulam Ishaq Khan Institute of Engineering Science and Technology (1)
								West Bank (1)				University of Electronic Science and Technology of China (1)
												University of Science and Technology of China (1)
												Anna University (1)
												Kyoto University (1)
												TU Dresden (1)
												Meio University (1)
												Nanjing University (1)
												University of Tokyo (1)
												Ryukyus University (1)
												Xiamen University (1)
												UC Santa Cruz (1)
												Xishuangbanna Tropical Botanical Garden (1)
												Alexandria University (1)
												Institute of Advanced Media Arts and Sciences (1)
												Waseda Uiversity (1)
	No. of Applicants	No. of candidates attended admissions workshop	No. of offers made to applicants	No. of Students Admitted	No. of Males	No. of Females	Distribution of ages	Nationality	Major/Scientific Field	BS	MS	University
Class of 2013	398	72	41	20	15	5	23 (3)	Japan (5)	Biology (10)	10	10	University of Cambridge (1)
							24 (2)	Taiwan (3)	Engineering (3)			University of Glasgow (1)
							25 (4)	China (2)	physics (4)			National Taiwan Universty (1)
							26 (2)	New Zealand (2)	Math (1)			Lomonosov Moscow State University (1)
							27 (4)	India (1)	Computer Science (2)			University of Otago (1)
							28 (1)	Kazakhstan (1)				National Taiwan University (1)
							31 (2)	Germany (1)				The University of Tokyo (1)
							37 (1)	United States (1)				The George Washington University (1)
							40 (1)	Bangladesh (1)				University of Auckland (1)
								France (1)				California State University, Long Beach (1)
							Average (27.2)	Belgium (1)				Nanjing University (1)
								Cyprus (1)				University of Liège (1)
												Cornell University (1)
												University of Zurich (1)
												Université Paris XI (1)
												Jahangirnagar University (1)
												Kitasato University Graduate School (1)
												Technische Universität Dresden (1)
												National TsingHua University (1)
												University of Edinburgh (1)

Class of 2014	No. of Applicants	No. of candidates attended admissions workshop	No. of offers made to applicants	No. of Students Admitted	No. of Males	No. of Females	Distribution of ages	Nationality	Major/Scientific Field	BS	MS	University
	231	69	40	27	15	12	21 (1)	China (2)	Biology (12)	12	15	Ain Shams University (1)
							22 (6)	Estonia (1)	Chemistry (2)			Auburn University (1)
							23 (5)	Egypt (1)	Computer Science (1)			California Institute of Technology (1)
							24 (3)	Germany (3)	Earth Science (1)			COCHIN UNNIVERSITY OF SCIENCE AND TECHNOLOGY (1)
							25 (2)	India (4)	Engineering (1)			IISER Kolkata (2)
							26 (2)	Israel (1)	Physics (10)			Kobe University (1)
							27 (2)	Japan (6)				Nanjing University (2)
							28 (2)	Mauritius (1)				Nara Institute of Science and Technology (1)
							29 (2)	Taiwan (1)				National Yang-Ming University (1)
							30 (1)	United Kingdom (1)				Ochanomizu University (1)
							31 (1)	United States (6)				Osaka University (1)
							Average (24.9)					Southern Illinois University Carbondale (1)
												SRM University (1)
												Stony Brook University (1)
												Tokyo Metropolitan University (1)
												University College London (1)
												University of California Berkeley (1)
												University of Cambridge (1)
												University of Essex (1)
												University of Madras (1)
												University of Massachusetts Boston (1)
												University of Osnabruck (2)
												University of Wisconsin-Madison (1)
												Weizmann institute of science (1)
Class of 2015	No. of Applicants	No. of candidates attended admissions workshop	No. of offers made to applicants	No. of Students Admitted	No. of Males	No. of Females	Distribution of ages	Nationality	Major/Scientific Field	BS	MS	University
	294	86	54	24	17	7	21 (2)	India (4)	Biology (7)	5	19	Ochanomizu Univ. Japan (1)
							22 (1)	Japan (2)	Biomedical (3)			Uni. of Tehran, Iran (1)
							23 (4)	Iran (2)	Chemistry (3)			Sholokhov Moscow State Univ. for Humanities, Russia (2)
							24 (2)	Russia (2)	Computer Science (1)			Aarhus University, Denmark (1)
							25 (1)	Taiwan (2)	Engineering (1)			National Yang-Ming Univ., Taiwan (1)
							26 (6)	United States (2)	Physics (9)			University of Guelph, Canada (1)
							27 (3)	Romania (1)				Rice University, US (1)
							29 (1)	Germany (1)				Skidmore College, US (1)
							31 (2)	Canada (1)				University Of Oxford , UK (1)
							33 (1)	Malaysia (1)				Rheinische Friedrich-Wilhelms-University Bonn, Germany (1)
							35 (1)	China (1)				Université de Montréal, Canada (1)
							Average (26.0)	Denmark (1)				Jagiellonian University Medical College, Poland (1)
								Egypt (1)				China Pharmaceutical University, China (1)
								Philippines (1)				Maharaja Sayajirao University of Baroda, India (1)
								Kazakhstan (1)				Faculty of Pharmacy, Ain-shams University, Egypt (1)
								United Kingdom (1)				University of the Philippines - Diliman, Philippines (1)
												Sussex University, UK (1)
												National Taiwan University, Taiwan (1)
												IISER-Kolkata, India (3)
												Nazarbayev University, Kazakhstan (1)
												University of Aberdeen, United Kingdom (1)

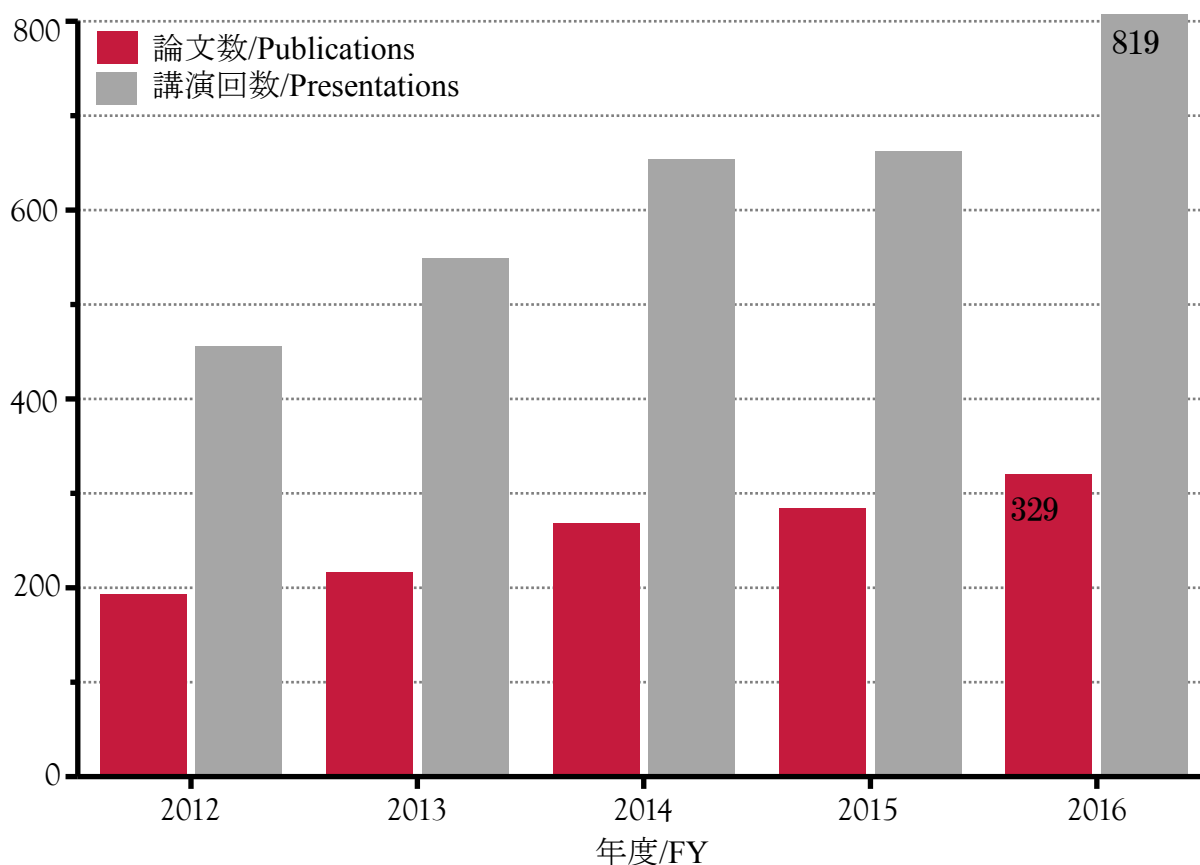
	No. of Applicants	No. of candidates attended admissions workshop	No. of offers made to applicants	No. of Students Admitted	No. of Males	No. of Females	Distribution of ages	Nationality	Major/Scientific Field	BS	MS	University
Class of 2016	420	88	56	35	18	17	22 (3)	Japan (6)	Biology (5)	10	25	Aarhus University, Denmark (1)
							23 (6)	China (4)	Biomedical (2)			Aristotle University of Thessaloniki, Greece (1)
							24 (6)	India (4)	Chemistry (2)			Dalhousie University, Canada (1)
							25 (5)	Kazakhstan (2)	Computer Science (1)			Ecole Polytechnique Federale de Lausanne, Switzerland (1)
							26 (4)	Philippines (2)	Engineering (1)			Erasmus Mundus MathMods, Italy (1)
							27 (5)	Taiwan (2)	Environmental, Ecological, Marine (1)			Hokkaido University, Japan (1)
							28 (2)	Canada (1)	Mathematical and Computational Sciences (2)			IISER Kolkata, India (2)
							30 (1)	Denmark (1)	Molecular, Cell & Developmental Biology (8)			Juntendo University, Japan (1)
							31 (1)	Egypt (1)	Neuroscience (3)			Karlsruhe Institute of Technology (KIT), Germany (1)
							34 (2)	Georgia (1)	Physics (1)			KTH Royal Institute of Technology, Sweden (1)
								Germany (1)	Physics, Material Sciences (9)			Kyushu University, Japan (1)
							Average (25.6)	Greece (1)				Lakeland College, US (1)
								Hong Kong (1)				McMaster University, Canada (1)
								Ireland (1)				Nankai University, China (1)
								Mexico (1)				National Autonomous University of Mexico, Mexico (1)
								Pakistan (1)				National Taiwan University, Taiwan (1)
								Peru (1)				National University of Ireland Galway, Ireland (1)
								Romania (1)				National Yang Ming University, Taiwan (1)
								Switzerland (1)				Nazarbayev University (2)
								United Kingdom (1)				Osaka City University, Japan (1)
								United States (1)				Sichuan university, China (1)
												Soka University, Japan (1)
												Tbilisi State Medical University, Georgia (1)
												The American University in Cairo, Egypt (1)
												The University of Hong Kong, Hong Kong (1)
												Universidad Nacional Mayor de San Marcos, Peru (1)
												University of Calcutta, India (1)
												University of Essex, UK (1)
												University of Salford, UK (1)
												University of Science and Technology of China, China (1)
												University of the Philippines, Philippines (1)
												Waseda University, Japan (1)
												Xishuangbanna Tropical Botanical Garden, CAS, China (1)

FY2016 Scientific Productivity Summarized by Unit

	Books	Book Sections & Journal Articles	Presentations	Others	Unit Total
Arbuthnott	0	3	4	0	7
Bandi	0	3	23	0	26
Bourguignon	Starts in May, 2017				0
Busch	0	15	49	1	65
Chakraborty	0	2	20	0	22
Dani	0	8	49	0	57
De Schutter	0	7	20	1	28
Doya	0	11	38	0	49
Economo	0	19	11	0	30
Faculty Affairs	0	1	5	0	6
Feng	0	1	2	0	3
Fried	0	12	33	0	45
Fukunaga	Started February, 2017				0
Gioia	0	2	17	0	19
Goryanin	0	4	4	0	8
Hikami	1	2	17	0	20
Ishikawa	0	1	2	0	3
Jenke-Kodama	0	3	5	0	8
Khusnutdinova	0	4	12	0	16
Kitano	0	7	31	8	46
Konstantinov	0	5	22	0	27
Kuhn	0	1	16	0	17
Kusumi	0	3	4	0	7
Laurino	Starts in September, 2017				0
Luscombe	0	3	6	0	9
Márquez-Lago	0	1	0	0	1
Maruyama	0	2	12	0	14
Masai	0	1	18	0	19
Mikheyev	0	8	8	0	16
Miller	0	0	17	0	17
Mitarai	0	9	4	0	13
Neiman	0	0	4	0	4
Nic Chormaic	0	16	49	1	66
Pigolotti	Starts in July, 2017				0

	Books	Book Sections & Journal Articles	Presentations	Others	Unit Total
Qi	0	21	13	0	34
Research Support Div.	0	7	4	0	11
Rokhsar	0	4	2	0	6
Samatey	0	4	1	0	5
Satoh	1	28	38	0	67
Saze	0	5	3	0	8
Shannon	0	5	37	0	42
Shen	0	15	51	0	66
Shintake	0	1	14	0	15
Sinclair	0	3	2	0	5
Skoglund	0	4	10	1	15
Sowwan	0	6	12	0	18
Stephens	0	3	7	0	10
STG	0	9	11	0	20
Sugawara	0	14	3	0	17
Takahashi	0	2	11	0	13
Tami	Start date not yet determined				0
Tanaka	0	4	6	0	10
Tripp	0	4	6	0	10
Tsvietkova	Starts in September, 2017				0
Uusisaari	Started January, 2017				0
Van Vactor	0	1	1	0	2
Watanabe	0	0	1	0	1
Wickens	0	3	14	0	17
Wolf	0	6	12	0	18
Yamamoto	0	12	27	0	39
Yanagida	0	8	16	0	24
Yazaki-Sugiyama	0	2	3	0	5
Yokobayashi	0	2	4	0	6
Zhang	0	2	8	0	10
Totals	2	329	819	12	1162

OIST の論文数・講演回数

OIST journal publications and presentations

平成 28 年度 OIST 論文数・著者別リスト
 FY2016 OIST Publication List by Author

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No.	Research Unit	Faculty/ Researcher	Honor title	URL	Date
1	Marine Genomics Unit (Sato Unit)	Dr. Ken Maeda	Dr. Maeda, a postdoctoral scholar of Marine Genomics Unit at OIST, has received this year's Young Researcher Award from the Ichthyological Society of Japan, for his research on the life-history and taxonomy of gobies, a species of fish. This award is given to promising researchers under the age of forty, who have produced outstanding research results that will contribute to the advancement of ichthyology, or fish science.	http://www.ishn-isj.jp/iin/award/2016_senkou.html https://www.oist.jp/news-center/news/2016/10/14/origins-okinawan-gobies	24-Sep-16
2	Marine Genomics Unit (Sato Unit)	Dr. Jun Inoue,	Dr. Jun Inoue, a staff scientist of Marine Genomics Unit at OIST, has received this year's Young Scientist Initiative Award (SESJ) from Society of Evolutionary Studies, Japan for his distinguished accomplishments. The prize is given to promising young scientists who will contribute to the development in evolutionary studies.	http://sesj.kenkyuukai.jp/special/index.asp?id=22072	27-Aug-16
3	Light-Matter Interactions Unit (Nic Chormaic Unit)	Mr. Simon Peter Mekhail	Nic Chormaic Unit Mr. Mekhail, a PhD student of Nic Chormaic Unit at OIST, has received 2016 OSA Biomedical Optics Student Poster Presentation Award Finalists prize for his distinguished scientific accomplishments. An Awards Committee consisting of Biomedical Optics Congress Chairs and Program Committee Members have been viewing poster presentations. Five Student Poster Presentation Award winners and 15 Student Poster Presentation Award Finalists have been selected to receive awards. Poster title: Fiber bundle in-vivo epifluorescence microscopy with image reconstruction	http://www.osa.org/en-us/meetings/osa_meetings/biomedical_optics/award_winners/	28-Apr-16
4	Quantum Wave Microscopy Unit (Shintake Unit)	Dr. Katsutoshi Shirasawa	Dr. Katsutoshi Shirasawa, a staff scientist of Shintake Unit at OIST, attended the 6th International Symposium on Energy Challenges and Mechanics for a poster presentation "Development of an ocean-current turbine for the Kuroshio Current", and won the competitive Best Poster Award which is selected by the Conference Scientific Committee.	http://nsci.co.uk/ecm6/Awards%20Competition.html	Aug. 14-18, 2016

No.	Research Unit	Faculty/ Researcher	Honor title	URL	Date
5	Micro/Bio/Nanofluidics (Shen) Unit	Dr. Simon Haward	Dr. Simon Haward, a group leader of Shen Unit at OIST, has received the distinguished young Rheologist of 2016 prize for his distinguished scientific accomplishments. Award recipients are reportedly nominated by an international panel of the most established and respected academic researchers from the Society of Rheology, including five recipients of the Bingham Medal from the Society of Rheology.	http://www.adhesivesmag.com/articles/95390-ta-instruments-announces-distinguished-young-rheologist-award-recipients	13-Aug-16
6	Biodiversity and Biocomplexity (Economo Unit)	OKEON Chura-mori Project	<p>OKEON Chura-mori Project, a project of Economo Unit at OIST, has received this year's Biodiversity Action Award for its distinguished scientific accomplishments.</p> <p>The "Biodiversity Action Award Japan" was established in 2013 to promote global awareness of the value of biodiversity and also to motivate people to take action by the Japan Committee for the United Nations Decade on Biodiversity.</p>	http://5actions.jp/conservation/okeon/	19-Nov-16

FY2016 Outreach by Faculty and Researchers

日付 Date	研究員名 Name	研究ユニット Unit, Section	プログラム名/参加者 Program, participants	内容 Contents	会場 Venue	主催 Sponsorship	講演会タイトル Title	講演内容	通訳	備考欄 Note
2016/4/15	Sonia Ruiz Raga	Qi Unit	お茶の水女子大学付属高校 Ochanomizu University Senior High School	research outline	C209			太陽電池の研究	○	
2016/4/22	Anna Garanzini	Takahashi Unit	Kadena Middle School 8th grade	research outline	B250			脳神経の技術員の仕事。 交流重視の質疑応答形式	X	
2016/4/22	Chiaki Chibana	Academic Services Section	Kyuyo Junior High School	career intruduction	B250			学生支援についての仕事紹介	X	
2016/5/17	Michael Frederick Cohen	Goryanin Unit	Kubasaki High School	research outline	B250			微生物を利用しての汚水を きれいにする研究、キャリア紹介	X	
2016/6/13	Filipe Tavares-Cadete	Luscombe Unit	Hawaiian High School	research outline	C209				X	
2016/6/16	Mikas Remeika	Qi Unit	Japan United States Friendship Commission	Lab visit	A648, Level A, Lab2					
2016/6/16	Evan Economo	Economo Unit	Japan United States Friendship Commission	Lab visit	B657b, Level B, Lab2					
2016/6/16	Yi-Jyun Luo	Satoh Unit	Community College of City University	About OIST Marine Genomics Unit	Satoh Unit					
2016/6/24	Chien-chia	Chakraborty Unit	Chinese Y.M.C.A. College	research outline	B250				X	
2016/6/28	Hidehito Adaniya	Shintake Unit	David P. Janes, Director of Foundation Grants and Assistant to the President	Lab tour	Level A, Lab 3					
2016/6/28	Yan Jiang	Qi Unit	Stewards Pooi Tun Secondary School	research outline	C210				X	
2016/6/29	Julien Madeo	Dani Unit	広島学院高等学校 2年	research outline	C209				○	
2016/6/29	Zafer Hawash	Qi Unit	WAI KIU COLLEGE	research outline	C209				X	
2016/6/30	Mikas Remeika	Qi Unit	U.S.TeamedUp Delegation Senior Officers from U.S. Colleges and Universities	Lab visit	Level A, Lab2					
2016/6/30	Nicholas Ryan Friedman	Economo Unit	U.S.TeamedUp Delegation Senior Officers from U.S. Colleges and Universities	Lab visit	Level B, Lab2					
2016/6/30	Francisco Hita Garcia	Economo Unit	U.S.TeamedUp Delegation Senior Officers from U.S. Colleges and Universities	Lab visit	Level B, Lab2					
2016/7/5	Andrew Mugo	Maruyama Unit	浦添商業高校 2年	research outline	C700				○	
2016/7/12	Georg Fischer	Economo Unit	Naha Plant Protection Station, JICA trainees	Introduction of Economo Unit	Economo Unit					
2016/7/12	Hidetoshi Saze	Saze Unit	Naha Plant Protection Station, JICA trainees	Introduction of Saze Unit	Saze Unit					
2016/7/12	Yohei Yokobayashi	Yokobayashi Unit	Naha Plant Protection Station, JICA trainees	Introduction of Yokobayashi Unit	Yokobayashi Unit					
2016/7/12	Pinaki Chakraborty	Chakraborty Unit	Indian Ambassador	Lab visit	Chakraborty Unit					
2016/7/12	Rashi Sachdeva	Busch Unit	Indian Ambassador	OISTインド出身タッフ面 会	C209					
2016/7/12	Saahil Acharya (student)	Kusumi Unit	Indian Ambassador	OISTインド出身タッフ面 会						
2016/7/12	Susmita Singh (student)		Indian Ambassador	OISTインド出身タッフ面 会						
2016/7/12	Shukla Sarkar (student)	Ishikawa Unit	Indian Ambassador	OISTインド出身タッフ面 会						
2016/7/12	Nishtha Ranawat (student)	Masai Unit	Indian Ambassador	OISTインド出身タッフ面 会						
2016/7/12										
2016/7/13	Jiexin Wang	Doya Unit	Participants of Sakura Science Plan College students from Taiwan and Okinawa National College of Technology		Doya Unit					
2016/7/13	Francesco Del Giudice	Shen Unit	Participants of Sakura Science Plan College students from Taiwan and Okinawa National College of Technology		Shen Unit					
2016/7/13	Tsumoru Shintake	Shintake Unit	Participants of Sakura Science Plan College students from Taiwan and Okinawa National College of Technology		Shintake Unit					
2016/7/25	Angela Caroline White	Busch Unit	南風原高校1、2年	research outline	B250				○	
2016/8/1	Francesco Del Giudice	Shen Unit	知念高校1年	research outline	B250			Sience is your superpower		
2016/8/2	Rory Cerbus	Chakraborty Unit	SCORE! インターンシップ	internship	OIST					
2016/8/2	Kohgaku Eguchi	Takahashi Unit	SCORE! インターンシップ	internship						
2016/8/2	Rehab Fouad Ahmed Abdelhamid	Luscombe Unit	SCORE! インターンシップ	internship						
2016/8/3	Kenichi Sajiki	Yanagida Unit	SCORE! インターンシップ	internship	OIST					

日付 Date	研究員名 Name	研究ユニット Unit, Section	プログラム名/参加者 Program, participants	内容 Contents	会場 Venue	主催 Sponsorship	講演会タイトル Title	講演内容	通訳	備考欄 Note
2016/8/3	Yuji Miyazaki	Saze Unit	SCORE! インターンシップ	internship	OIST					
2016/8/3	Yuimaru Kubo	Konstantinov Unit	SCORE! インターンシップ	internship	OIST					
2016/8/4	Kazuo Mori	Kuhn Unit	SCORE! インターンシップ	internship						
2016/8/4	Ye Zhang	Zhang Unit	SCORE! インターンシップ	internship	OIST					
2016/8/4	Carolina Diaz Arenas	Yokobayashi Unit	SCORE! インターンシップ	internship	OIST					
2016/8/8	Maeva Techer Yoann Portugal	Economo Unit	みつばち意見交換会/沖縄県養蜂組会員		MR2				○	
2016/8/16	呉羽 拓	yamamoto U	沖縄カトリック中学高等学校	research outline						
2016/8/18	Maria Iribarn	Masai Unit	大阪府立住吉高校	research outline	C209					
2016/8/18	Sergio Verduzco Flores	De Schutter Unit	球陽高校	research outline						
2016/8/24	須山 律子	Luscombe Unit	三和中学校1年	research outline				細胞や遺伝子の話。 細胞分裂の様子等。 一般的な研究者の仕事のお話。		
2016/8/30	Andrew Mugo	Maruyama Unit	北谷高校 特進クラス 1、2 年生	research outline	B250			バクテリアやたんぱく質の研究。 交流重視の質疑応答形式	○	
2016/10/4	Vimbai Samukange	Qi Unit	Seishin High School (2nd Grade) ノートルダム清心学園 清心女子高等学校,	research outline	C209					
2016/10/4	Vimbai Samukange	Qi Unit	Universiti Tun Hussien Onn Malaysia (UTHM) ツン、フセイン、オン、マレーシア大学	同上						
2016/10/6	Kengo Aranishi	Sowwan Unit	Takezono High School (2nd Grade, General Corse, Biology class) 茨城県立竹園高等学校 (2年生、普通科、物理系)	research outline	B250			ナノ粒子に関して	X	
2016/10/6	Hiroshi Takagi	Takahashi Unit	Takezono High School (2nd Grade, General Corse, physics class) 茨城県立竹園高等学校 (2年生、普通科、生物系)	research outline	B250			脳研究に関して	X	
2016/10/11	Shenghao Wang	Qi Unit	Ryugasaki 1st High School (SSH Grade: 2) 茨城県立竜ヶ崎第一高等学校高校(SSH 2年生)	research outline	B250			Development of solar cells to satisfy the demands of energy in the future	○	
2016/10/12	Casey James Galvin	Shen Unit	SEIGAKUIN SENIOR HIGH SCHOOL(2nd Grade, General Corse) 聖学院高等学校高等学校 (東京：2年生、普通科)	research outline	C209				○	
2016/10/12	Maria Iribarne	Masai Unit	Shuyukan Senior High School (2nd Grade, General Corse) 福岡県立修猷館高等学校 (2年生、普通科)	research outline	B250			Development 失明治療に関する研究	○	
2016/10/12	Julien Madeo	Dani Unit	Shuyukan Senior High School (2nd Grade, General Corse) 福岡県立修猷館高等学校 (3年生、普通科)	research outline	B250			Being a resercher	○	
2016/10/25		Satoh Unit	Governors' Association from Kyusyu Region and Yamaguchi prefecture 九州・山口 知事会ご一行様	Lab visit						
2016/10/25		Doya Unit	Governors' Association from Kyusyu Region and Yamaguchi prefecture 九州・山口 知事会ご一行様	Lab visit						
2016/10/31	Rehab Fouad Ahmed Abdelhamid	Luscombe Unit	Kanagawa Prefectural SAGAMIHARA Secondary School (2nd Grade, General Corse) 神奈川県立相模原中等教育学校 (2年生、普通科)	research outline	B250			Gene Switches? (Non coding Genes)	○	
2016/11/2	Hideki Takebe	Shintake Unit	中国電力、四国電力、九州電力、沖縄電力の広報担当	research outline	C209			About Shintake Unit (Wave power generator)	X	
2016/11/8	Endang Rinawati Purba	Maruyama Unit	MITA International School High School(2nd Grade, Super Science Corse) 三田国際学園中学校・高等学校 (2年生、スーパーサイエンスコース)	research outline	B250				○	
2016/11/9	Evan Economo	Economo Unit	鹿児島大学連合大学院農学研究科	Lab visit	Economo Unit				X	
2016/11/11	Endang Rinawati Purba	Maruyama Unit	Ishikawa Junior High School 3rd Graders 石川中学校 3年生	research outline	B503				○	
2016/11/30	Francesco Del Giudice	Shen Unit	Iwata Minami High School from Shizuoka Prefecture (2nd Grade, science course x1 & SSH class x1) SSH静岡県立磐田南高等学校 (2年生、普通科理系クラスx1、SSH理数科クラスx1)	research outline	B250			科学者について	○	
2016/11/30	Sohail Muhammad	Tanaka Unit	National Institute of Technology, Ibaraki College (Chemistry & Material Engineering /grade: 4) 茨城工業高等専門学校 物質工学科 4年生	research outline	B250				○	
2016/12/2	Chien-chia Liu	Chakraborty Unit	喜瀬武原中学校出前授業@OIST	demonstration						
2016/12/2	Dr.Kenji Doya	Doya Unit	Students in Mechanical Systems Engineering, Ryukyu University 琉球大学機械システム工学科	Lab visit	Doya Unit					
2016/12/2	Ritsuko Suyama	Luscombe Unit	Shurihigashi High School (1stand 2nd grade, General Course) 沖縄県立首里東高等学校 (1,2年生、普通科)	research outline	C210				X	

日付 Date	研究員名 Name	研究ユニット Unit, Section	プログラム名/参加者 Program, participants	内容 Contents	会場 Venue	主催 Sponsorship	講演会タイトル Title	講演内容	通訳	備考欄 Note
2016/12/5	Dr.Kenji Doya	Doya Unit	tudents from Thai and Teachers タイからの研修生9名（18－21歳）＋海外引率の教員 5名＋沖縄高専引率教員2名	Lab visit	Doya Unit					
2016/12/5	Vincent Jallet	Sugawara Unit	Kadena High School （Japanese Study Class） 嘉手納ハイスクール （日本語クラス）	research outline	C209				X	
2016/12/10	Yuji Miyazaki	Saze Unit	SCORE!	Panel of judges	Auditorium					
2016/12/12	Paavo Parmas	Doya Unit	Okinawa Technical High School （1rd Grade, Information and Electronics Course） 沖縄工業高校 （1年生、情報電子科）	research outline	B250			ロボットの学習 ＊スライド、発表ともに日 本語	○	
2012/12/22	Ka Lun Michael Man	Dani Unit	SKH Lui Ming Choi Secondary School from Hong Kong	research outline	C210				X	
2016/12/2	Chien-chia Liu	Chakraborty Unit	恩納村出前授業/ 恩納村喜瀬武原中学校	科学クラス	カフェブライ ペート		サイフォンの原理'	サイフォンの原理	×	
2017/1/18	Tae Gyun Kim	Wolf Unit	Merk韓国	research outline	C700			OISTでの研究	×	
2017/1/19	Nadine Wirkuttis	PhD Student	恩納村出前授業/ 恩納村仲泊中学校	科学クラス	C209		脳みそとパソコン	脳みそとパソコン	×	むら興し協議会によるバス 希望（協議会了承済、バス 会社発注済）
2017/1/21	1.Michael Cooper, manager, Digital Media, 2.Jeremie Jillet, teaching fellow, Graduate School 3.Crystal-Leigh Clitheroe, Technician Yokobayashi unit 4.Irina Reshodko, student, Busch Unit 5.Ayaka Usui, student Konstantinov unit 6.Albert Cases, post doc, Busch unit 7.Jiabao, student Konstantinov unit 8.Mathias Mikkelsen, student Busch unit 9. James Schloss, student Busch unit 10. Ami Chinen, staff IT	Students	わくわくプログラミング/IT 津梁祭り	イベント	豊見城市民体育 館	ケーオーバ ートナーズ	わくわくプログ ラミング	スクラッチを使ってプロ グラミングを学ぶ	×	
2017/1/25	Florine Paraz	Bandi Unit	昭和薬科大学附属中学校	research outline	C700			乱流について	x	
2016/1/28	1. Simon Peter Mekhail, Intern, Nic Chormaic Unit	Research Intern	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	2. Thomas Nieddu, student Nic Chormaic unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	3. Priya Rajasree, student Nic Chormaic unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	4. Cindy Esporlas, student Nic Chormaic unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	5. Mark Daly, student Nic Chormaic unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	6. Sho Kasumie, student Nic Chormaic unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	7.Jiabao chen, student Konstantinov unit	Students	光で実験だ！/名護サイエンスフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	光で実験だ！	光の不思議を体験してみよ う	×	
2016/1/28	1. Ryohei Seto, Post doc Fried unit	Post Doc	いろんなカタチのシャボン膜を作ろう/名護サイエン スフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	いろんなカタチの シャボン膜を作ろ う	シャボン膜は、シャボン膜 を作る体験をしながら表面 張力、面積最小の法則につ いて学んでもらう。	×	
2016/1/28	2. Giulio Giusteri, post doc Fried unit	Post Doc	いろんなカタチのシャボン膜を作ろう/名護サイエン スフェスタ	イベント	21世紀の森体育 館	沖縄こどもの 国	いろんなカタチの シャボン膜を作ろ う	シャボン膜は、シャボン膜 を作る体験をしながら表面 張力、面積最小の法則につ いて学んでもらう。	×	
2017/2/7	Lin Li	PhD Student	恩納村出前授業/恩納村恩納中学校	科学クラス	C209		天空の城：台風	台風	×	むら興し協議会によるバス 希望（協議会了承済、バス 会社発注済）
2017/2/9	Tamar Gutnick	Miller Unit	東京都立科学技術高等学校	research outline	B250				○	
2017/2/18	Kamila Mustafina	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Nadine Wirkuttis	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Sakurako Watanabe	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Ivan Mbogo	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Caroline Starzynski	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Girish Beedessee	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの 細胞模型を作ろう	細胞模型を作ろう	×	

日付 Date	研究員名 Name	研究ユニット Unit, Section	プログラム名/参加者 Program, participants	内容 Contents	会場 Venue	主催 Sponsorship	講演会タイトル Title	講演内容	通訳	備考欄 Note
2017/2/18	Po-Shun "Bob" Chuang	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/18	Mizuki Kato	Student	細胞模型を作ろう/沖縄科学作品展	イベント	浦添市民体育館	沖縄電力	世界に一つだけの細胞模型を作ろう	細胞模型を作ろう	×	
2017/2/20	Matin Miryeganeh	Saze Unit	中部農林高校	research outline	B250			エビジェネティックマングロープについて	○	
2017/2/21	Criseida Zamora	De schutter Unit	名護高校フロンティア科	research outline	B250				○	
2017/2/22	Stoffel Janssens	Fried Unit	具志川高校	research outline	B250			人工ダイヤ	○	午前の部
2017/2/22	Takeshi Ricardo Tabuchi Yagui	Yokobayashi-unit	具志川高校	research outline	B250				○	午後の部
2017/2/22	Ayako Gima	Masai Unit RA	具志川高校	卒業生挨拶	B251				x	
2017/2/23	Dr.Kenji Doya	Doya Unit	OIST Special Tour for Ryudai	Lab tour	ロボット室				x	
2017/2/23	Rory Cerbus	Chakraborty unit	OIST Special Tour for Ryudai	Lab tour	Lev.A, Lab2 A669				x	
2017/2/23	Yuji Miyazaki	Saze unit	OIST Special Tour for Ryudai	Lab tour	Lev.C, Lab2				x	
2017/2/23	Guanying Li	Zhang Unit	OIST Special Tour for Ryudai	Lab tour	Lev.C, Lab3				○	
2017/2/24	Kenishi Sajiki	Yanagida Unit	サイエンストリップin宮古	キャリア、仕事紹介 細胞模型をつくろう	宮古高校 宮古中央公民館					2/24高校生向け：科学者の仕事 2/25小学生向け：人間のからだの不思議
2017/3/26	Casey James Galvin	Shen Unit	サイエンストリップin八重山	細胞模型をつくろう	石垣市商工会館 小浜公民館		人間のからだのふしぎ			3/26石垣：世界に一つだけの細胞模型を作ろう 3/27小浜：人間のからだの不思議
	Krishna Priya Rajasree	Nic Chormac Unit	出前授業	反射、屈折、凸レンズ	会議室 1		反射、屈折、凸レンズ	反射、屈折、凸レンズ	○	安富祖中学校
	Simon Mekhail	Nic Chormac Unit	出前授業	反射、屈折、凸レンズ	会議室 1		反射、屈折、凸レンズ	反射、屈折、凸レンズ	○	安富祖中学校
	Stefan Pommer	Wickens Unit	出前授業	反射、屈折、凸レンズ	会議室 1		反射、屈折、凸レンズ	反射、屈折、凸レンズ	○	安富祖中学校
2017/3/15	Rory Cerbus	Chakraborty Unit	首里高校	research outline	B250			流体について	○	
2017/3/15	Tsung-Han Hsieh	Ishikawa Unit	首里高校	research outline	B250			免疫について	○	
2017/3/16	Cassie-Marie Peigne	Skoglund Unit	首里高校	research outline	B250			脳について	○	
2017/3/16	Arbuthnott Unit	Bianca Sieveritz	首里高校	research outline	B250			マラリアについて	○	
2017/3/21	Masashi Yoshimura	Economo unit	那覇国際高校	research outline Ovserver	B250			OKEONに関して		
	Kun-Yi Hsin	Kitano Unit	那覇国際高校	observer	B250			高校生の英語のプレゼンテーション に対するオブザーバ		
	Tomohito Wauke	Saze Unit	那覇国際高校	Lab tour observer	Lab B250			ラボツアー		
	Yan Jiang	Qi Unit	那覇国際高校	Lab tour	Lab			ラボツアー		
2017/3/22	Pradnya Pati	Khusnutdinova Unit	DoDEA high school	research outline	B250				○	

Academic Exchange Agreements List (As of 18 January 2016)

No.	University/Institution	Country	Date of Agreement	Date of Expiration	Type of Agreement
1	Graduate School of Informatics Kyoto University	Japan	2010/3/31	No expiration date	Collaboration Agreement
2	University of the Ryukyus	Japan	2012/4/1	2017/3/31	Agreement of Cooperation
3	Okinawa National College of Technology	Japan	2012/5/22	2017/5/21	Agreement of Cooperation
4	Marine Biological Laboratory	USA	2012/5/19	2017/5/18	Agreement on Scientific Cooperation
5	Woods Hole Oceanographic Institution	USA	2012/6/11	2017/6/10	Agreement on Scientific Cooperation
6	The University of Otago	New Zealand	2011/10/2	2016/10/1	Memorandum of Understanding
7	The Graduate School of Science, Hokkaido University	Japan	2012/8/1	2017/7/31	Academic Affiliation Agreement
8	Kyushu University (Program for Leading Graduate Schools)	Japan	2012/10/22	2019/10/21	Memorandum of Understanding
9	Graduate School of Information Sciences, Nara Institute of Science and Technology	Japan	2012/9/1	2015/3/31	Special Research Student
10	Graduate School of Medicine, Osaka University	Japan	2012/9/1	2016/3/31	Special Research Student
11	Graduate School of Informatics Kyoto University	Japan	2013/4/1	2018/3/31	Special Research Student
12	Institute of Medical Science, The University of Tokyo	Japan	2013/7/2	2018/7/1	Academic Exchange Agreement
13	Okinawa Churashima Foundation	Japan	2013/8/29	2018/8/28	Agreement on Scientific and Academic Cooperation
14	University of California, Berkeley	USA	2013/10/11	2018/10/10	Agreement on Scientific and Academic Cooperation
15	National Taiwan University	Taiwan	2014/1/17	2019/1/16	Agreement on Scientific and Academic Cooperation
16	The University of Tokyo	Japan	2014/1/28	2019/1/27	Agreement on Scientific and Academic Cooperation
17	School of Science, The University of Tokyo	Japan	2014/1/28	2019/1/27	Memorandum of Understanding on Student Exchange
18	Texas Tech University	USA	2014/3/28	2019/3/27	Agreement on Scientific and Academic Cooperation
19	Texas Tech University (Department of Environmental	USA	2013/4/1	2018/3/31	Agreement on Student Exchange
20	Alexandria University	Egypt	2014/3/28	2019/3/27	Agreement on Scientific and Academic Cooperation
21	Alexandria University (Faculty of Science)	Egypt	2014/2/1	2019/1/31	Agreement on Student Exchange
22	University of Free State	South Africa	2014/3/28	2019/3/27	Agreement on Scientific and Academic Cooperation
23	University of Crete	Greece	2014/3/28	2019/3/27	Agreement on Scientific and Academic Cooperation
24	University of Crete (School of Science and Engineering)	Greece	2013/10/1	2018/9/30	Agreement on Student Exchange
25	University of KwaZulu-Natal	South Africa	2014/6/8	2019/6/7	Agreement on Scientific and Academic Cooperation
26	University of KwaZulu-Natal (School of Chemistry and Physics)	South Africa	2014/8/1	2019/7/30	Agreement on Student Exchange
27	University of Hawaii at Manoa	USA	2015/7/10	2020/7/9	Agreement on Scientific and Academic Cooperation
28	Department of Mechanical Engineering, Cullen College of Engineering, University of Houston	USA	2016/4/1	2017/8/31	Agreement on Acceptance of Student
29	Graduate school of Advanced Science and Engineering, Waseda University	Japan	2016/4/1	2017/7/31	Agreement on Acceptance of Student
30	Rutgers University - New Brunswick	USA	2016/5/1	2017/5/1	Agreement on Acceptance of Student
31	Graduate School of Medicine, Kyoto University	Japan	2016/8/1	2017/3/31	Agreement on Acceptance of Student

List of OIST funded Workshops in FY2016

	Start Date	End Date	Title	Venue	Participants (total)	Participants (overseas)
1	April 4, 2016	April 8, 2016	RD2DS - 2016: Recent Developments in 2D Systems	OIST Seaside House & OIST Main Campus	59	36
2	April 18, 2016	April 21, 2016	Coherent Control of Complex Quantum Systems	OIST Seaside House	79	51
3	May 16, 2016	May 19, 2016	Nanoclusters Synthesis, Characterization and Applications	OIST Main Campus	48	31
4	June 13, 2016	June 30, 2016	OIST Computational Neuroscience Course (OCNC)	OIST Seaside House	69	42
5	July 4, 2016	July 15, 2016	Physically-based modeling of polyatomic gases and phase transitions	OIST Seaside House	41	32
6	July 13, 2016	July 16, 2016	Ultrafast Dynamics at the Nanoscale	OIST Main Campus	47	28
7	July 23, 2016	August 8, 2016	OIST Developmental Neurobiology Course	OIST Main Campus	51	28
8	August 15, 2016	August 17, 2016	New Aspects of Micro- and Macro-scopic Flows in Soft Matters	OIST Seaside House	65	38
9	September 27, 2016	October 6, 2016	Okinawa School in Physics: Coherent Quantum Dynamics (2016)	OIST Seaside House	81	40
10	October 24, 2016	October 27, 2016	MCM2016: Moduli space, conformal field theory and matrix models	OIST Main Campus	26	7
11	March 1, 2017	March 4, 2017	Bacterial Flagellar, Injectisome and Type III Secretion System	OIST Main Campus	89	36
Total					655	369

List of OIST funded Mini-Symposia in FY2016

	Start Date	End Date	Title	Venue	Participants (total)	Participants (overseas)
1	April 11, 2016	April 12, 2016	Digital representation of neuronal morphologies and tissue	OIST Main Campus	12	8
2	April 14, 2016	April 15, 2016	Cholinergic mechanisms in adaptive behaviour	OIST Main Campus	18	8
3	April 25, 2016	April 27, 2016	Science and Technology at the Interface of Bio-Nano-systems: Challenges and Opportunities	OIST Main Campus	13	8

4	May 25, 2016	May 27, 2016	Spatial Adiabatic Passage	OIST Seaside House	13	9
5	September 25, 2016	September 27, 2016	OIST Mini Symposium "Nanoscopic Synaptic Function"	OIST Main Campus	57	16
6	January 16, 2017	January 18, 2017	Radiation sensors and emerging applications in medical imaging, space science and materials science	OIST Seaside House	23	5
7	March 6, 2017	March 8, 2017	Viscoelasticity and Dissipative Dynamics of Rods and Membranes	OIST Main Campus	15	8
Total					151	62

List of OIST Jointly-funded Workshops and Other OIST-organized and co-organized academic events in FY2016

	Start Date	End Date	Title	Venue	Participants	Participants (overseas)
1	October 11, 2016	October 14, 2016	24th Pacific Conference on Computer Graphics and Applications (Pacific Graphics 2016)	OIST Conference Center	154	114
2	October 15, 2016	October 17, 2016	GEMS 2016: Geometry in Material and Sciences (Pacific Asia Graphics Satellite Workshop)	OIST Conference Center	36	17
3	November 14, 2016	November 16, 2016	The 22nd International Congress of Zoology (ICZ) & the 87th meeting of the ZSJ	OIST Conference Center and Main Campus	750	200
Total					940	331

FY2016 Number of Employees

As of 2017/03/31

Job		Permanent				Fixed-term					Agency Temp				Part-time				Total			
		F	M	Non-Japanese	ToTal	F	M	Seconde	Non-Japanese	ToTal	F	M	Non-Japanese	ToTal	F	M	Non-Japanese	ToTal	F	M	Non-Japanese	ToTal
Admin	Vice President				0	4	4	1	5	8			0	0			0	0	4	4	5	8
	Associate Vice President				0	1	2	1	1	3			0	0			0	0	1	2	1	3
	Manager	2	6		8	6	9	2	4	15			0	0			0	0	8	15	4	23
	Specialist				0	11	14		10	25			0	0			0	0	11	14	10	25
	Senior Manager		2		2	1	5	1	1	6			0	0			0	0	1	7	1	8
	Administrative Staff	4	1		5	114	34	2	15	148			0	0			0	0	118	35	15	153
	Assistant Manager		1		1	6	7		2	13			0	0			0	0	6	8	2	14
	Agency Temp Staff				0				0	0	36	6	5	42			0	0	36	6	5	42
	Part-time				0				0	0			0	0	15	9	4	24	15	9	4	24
Admin Total		6	10	0	16	143	75	7	38	218	36	6	5	42	15	9	4	24	200	100	47	300
RSD	Research Support Leader		1		1		4		1	4				0			0	0	0	5	1	5
	Research Support Specialist	1	1		2	2	17		7	19				0			0	0	3	18	7	21
	Research Support Technician				0	3	1		0	4				0			0	0	3	1	0	4
	Manager		1		1				0	0				0			0	0			0	1
	Specialist				0		1		0	1				0			0	0			0	1
	Administrative Staff				0	12	5		1	17				0			0	0			1	17
	Assistant Manager				0		1		0	1				0			0	0			0	1
	Agency Temp Staff				0				0	0	5	1		6			0	0	5	1	0	6
	Part-time				0				0	0				0	4		1	4	4	0	1	4
Research Support Total		1	3	0	4	17	29	0	9	46	5	1	0	6	4	0	1	4	15	25	10	60
Unit	Professor				0	3	26		17	29			0	0			0	0	8	43	17	29
	Associate /Assistant Professor				0	7	23		21	30			0	0			0	0	7	23	21	30
	Science and Technology Associate				0	7	2		7	9			0	0			0	0	7	2	7	9
	Group Leader				0	7	11		7	18			0	0			0	0	7	11	7	18
	Research Specialist				0	1	2		2	3			0	0			0	0	1	2	2	3
	Staff Scientist				0	7	41		28	48			0	0			0	0	7	41	28	48
	Postdoctoral Scholar				0	35	114		113	149			0	0			0	0	35	114	113	149
	Research Unit Technician				0	43	47		41	90			0	0			0	0	43	47	41	90
	Research Unit Administrator				0	41			0	41			0	0			0	0	41	0	0	41
	Agency Temp Staff				0				0	0	10	8	2	18			0	0	10	8	2	18
	Part-time				0				0	0			0	0	17	3	4	20	17	3	4	20
Research Unit Total		0	0	0	0	151	266	0	236	417	10	8	2	18	17	3	4	20	183	294	242	455
Total		7	13	0	20	311	370	7	283	681	51	15	7	66	36	12	9	48	398	419	299	815

FY2016 Number of employee by Nationality

As of 2017/03/31

		Nationality	Admin	Research Support	Research Unit (Researcher)	Research Unit (Non-Researcher)	Total
1	AR	Argentinian			3		3
2	AT	Austrian			3		3
3	AU	Australian	5		4		9
4	BD	Bangladeshi		1		1	2
5	BE	Belgian	1		3		4
6	BG	Bulgarian	1			1	2
7	BY	Belarusian			1		1
8	CA	Canadian	1		2		3
9	CH	Swiss			1	1	2
10	CN	Chinese	1		23	6	30
11	CO	Colombian			2		2
12	CR	Costa Rican			1		1
13	CZ	Czech			1		1
14	DE	German			8		8
15	DZ	Algerian				1	1
16	EG	Egyptian	1		3		4
17	ES	Spanish	2		5	1	8
18	FI	Finnish			1		1
19	FR	French	1	1	15	3	20
20	GB	British	8		17	2	27
21	GR	Greek			1		1
22	HU	Hungarian		1	1		2
23	ID	Indonesian			1		1
24	IE	Irish		1	4		5
25	IL	Israeli			2	1	3
26	IN	Indian	2		21		23
27	IR	Iranian			2		2
28	IT	Italian			5	2	7
29	JP	Japanese	253	50	92	121	516
30	KE	Kenyan			1		1
31	KR	Korean	1		4		5
32	LK	Sri Lankan				1	1
33	LT	Lithuanian			1		1
34	MU	Mauritian			1		1
35	MX	Mexican		1	3	1	5
36	MY	Malaysian			1		1
37	NP	Nepalese				1	1
38	NZ	New Zealand			3		3
39	PK	Pakistani			2		2
40	PL	Polish			2		2
41	PS	Palestine			1		1
42	RO	Rumanian			1		1
43	RS	Serbian	1		1		2
44	RU	Russian		2	7	2	11
45	SE	Swedish		1	4	2	7
46	SG	Singaporean				1	1
47	TR	Turkish				2	2
48	TW	Chinese			2	3	5
49	UA	Ukrainian			3	1	4
50	US	American	21	2	23	11	57
51	VE	Venezuelan	1				1
52	VN	Vietnamese			3	1	4
53	ZA	South African				1	1
54	ZW	Zimbabwean			1		1
56	ZZ	Overseas			1	1	2
Grand Total			300	60	287	168	815

Compensation/Salary of OIST SC's Executive Officers and Employees

I Compensation of Executive Officers

1 Items concerning the Basic Policy of Executive Officers' compensation

① How to determine Executive Officers' salary levels.

The salary level of executive officers was determined in accordance with the international standard and taking into consideration their responsibilities of overseeing management, education, and research of an internationally outstanding graduate university.

② How performance is reflected into Executive Officers' compensation in FY2015 (How performance-based salary works and has been adopted)

A Special Adjustment Allowance may be awarded to full-time executive officers when it is deemed necessary in consideration of their internationally excellent research and educational experiences, difficulty of duties, and past achievements, etc.

③ Details of Executive Officers' compensation levels and revisions made in FY2015

Head of Corporation	1. Details of the officer's salary standard The compensation of the officer is defined as the sum of base salary (annual salary), a special adjustment allowance, commuting allowance, and housing allowance. The base salary and special adjustment allowance are determined by the Board of Governors within a range up to the maximum amount. 2. Revisions in FY2015 None
Governor	1. Details of the officer's salary standard The officer's compensation is defined as the sum of base salary (annual salary), a special adjustment allowance, commuting allowance, and housing allowance. 2. Revisions in FY2015 None
Governor (Part Time)	1. Details of the Salary Standard of Officers The compensation of part-time Officers is determined by the Board of Governors based on their employment status and positions. 2. Details of the Revisions in FY2015 None
Auditor	1. Details of the officer's salary standard The officer's compensation is defined as the sum of base salary (annual salary), a special adjustment allowance, commuting allowance, and housing allowance. 2. Revisions in FY2015 None
Auditor (Part Time)	1. Details of the officer's salary standard The part-time officer's compensation is determined by the Board of Governors based on their employment status and positions. 2. Revisions in FY2015 None

2 Payment Condition of Officer Compensation

Position	Total of Annual Compensation in FY2015				Accession/Retirement Status		Former job
		Compensation	Bonus	Others(details)	Accession	Retirement	
Head of Corporation	K Yen 59,026	K Yen 29,763	K Yen	K Yen 29,263 (Special Adjustment Allowance)			
"A" Governor	K Yen 31,224	K Yen 20,000	K Yen	K Yen 11,224 (Special Adjustment & Commuting Allowance)			
"B" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"C" Governor (part-time)	K Yen 1,300	K Yen 1,300	K Yen	K Yen ()			
"D" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"E" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"F" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"G" Governor (part-time)	K Yen 730	K Yen 730	K Yen	K Yen ()	1-Oct		
"H" Governor (part-time)	K Yen 102	K Yen 102	K Yen	K Yen ()		15-Jun	
"I" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"J" Governor (part-time)	K Yen 580	K Yen 580	K Yen	K Yen ()			
"K" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			
"L" Governor (part-time)	K Yen 730	K Yen 730	K Yen	K Yen ()	1-Oct		
"M" Governor (part-time)	K Yen 1,091	K Yen 1,091	K Yen	K Yen ()		1-Nov	
"N" Governor (part-time)	K Yen 551	K Yen 551	K Yen	K Yen ()		21-Jul	
"O" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			*
"P" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen	K Yen ()			

"Q" Governor (part-time)	K Yen 10,244	K Yen 10,244	K Yen ()	K Yen ()	1-Oct		
"R" Governor (part-time)	K Yen 1,380	K Yen 1,380	K Yen ()	K Yen ()			
"A" Auditor	K Yen 15,358	K Yen 15,000	K Yen ()	K Yen 358 (Commuting Allowance)			◇
"B" Auditor (part-time)	K Yen 1,704	K Yen 1,704	K Yen ()	K Yen ()			

Note 1: Enter a total amount of commuting allowance, for example, in the column if allowances are provided

Select either of the following marks according to the type of the Officer's former job.

Retired public employee "※", Seconded officer "◇", Retiree of IAI, etc. "※",

Retired public employee, and then worked & retired from IAI, etc. "※ ※", leave the column empty if none of the categories apply.

Note 2: "Special Adjustment Allowance" may be paid when it is deemed necessary in consideration of the officer's experience regarding internationally excellent scientific research and education, difficulty of duties, past achievements, etc.

3 Appropriateness of Executive Officers' Compensation Standard

【Validation by Corporation】

Head of
Corporation

The compensation standard for the Head of Corporation is reasonable in consideration of the responsibility and difficulty of overseeing management, education and research of an internationally outstanding graduate university, as well as past achievements, and international standard.

Governor

The compensation standard for the Governor is reasonable in consideration of the responsibility and difficulty of overseeing management, education and research of an internationally outstanding graduate university, as well as past achievements, and international standard.

Governor
(Part time)

The compensation for part-time Governor is reasonable in consideration of the responsibility and difficulty of overseeing management, education and research of an internationally outstanding graduate university, as well as their experience and insight as a Nobel Laureate, etc.

Auditor

The compensation for the Auditor is reasonable in consideration of the responsibility of auditing the management of an internationally outstanding graduate university and difficulty of their duties.

Auditor
(Part time)

The compensation for the Auditor is reasonable in consideration of the responsibility of auditing the management of an internationally outstanding graduate university and difficulty of their duties.

【Verification by Competent Minister】

The compensation for the Governors (including the Head of Corporation) is reasonable in accordance with the international standard and in consideration of their nobleness, academic expertise, abilities to operate the Corporation effectively.

4 Payment Condition of Retirement Allowance for Officers (Condition of retiree subject to retirement allowance in FY2016)

Classification	Payment Amount (Total)	Period of Service	Retired Date	Performance Evaluation Rate	Former job
Head of Corporatio n	NA				
Governor	NA				
Auditor	NA				

5 Appropriateness of Retirement Allowance for Retiree

【Reason for the determination by Competent Minister】

Classification	Reason for Determination
Head of Corporatio n	NA
Governor	NA
Auditor	NA

6 How performance-based salary works and is adopted

As another system similar to performance-based salary, the special adjustment allowance scheme has been introduced, which may be paid to a full-time officer if it is deemed necessary in consideration of the officer's experiences regarding internationally excellent scientific research and education, difficulty of duties, past achievements. This scheme will continue to be applied.

II Salary of Employees

1 Items concerning the Basic Policy of Employee Salary

① How the employee salary level is determined

Referring to factors such as salary levels of national government employees and those of academic institutions in and outside of Japan, the salary level for each type of work will be determined based on individual job performance etc. within the respective range.

② How the efficiency presented by the employee or work performance of the employee is reflected in the salary (How the performance-based salary works and is adopted)

Adopt a performance evaluation system appropriate to the characters of each job category such as faculty, administrative staff, etc. and implement the system while ensuring fairness and transparency, then determine individual salary amounts based on their evaluation results.

③ Details of the salary system and major revisions made in FY2015

1. Details of the salary system

Type of salary: annual salary, overwork allowance, other allowances (commuting allowance,

housing allowance, etc.)

Pay system: annual salary system (type of job (faculty, researcher, administrative staff, etc.)

and the salary range are set based on job levels.

2. Major revisions in FY2015

The following measures have been continued to be taken.

(1) Optimize the salary level

We will conduct thorough performance reviews and tighten a pay raise. When we adopt a retirement age system, we will actively employ young people over their older counterparts if candidates are equal in ability.

(2) Control of the salary level of employees of the entire institution

In addition to the above efforts, we will also control the salary level as the entire institution for fixed-term employees by promoting employment of new graduates and young people.

2. Payment Condition of Employee Salary

(1) Payment Condition by Type of Work

Classification	Number	Average age	FY2015 Annual Salary (Average)			
			Total amount	Prescribed amount	Commuting allowance	Bonus within the
Permanent Employee	No. of staff members	Age	K Yen	K Yen	K Yen	K Yen
	19	44.6	8,905	8,905	131	0
Administrative & Technical Staff	No. of staff members	Age	K Yen	K Yen	K Yen	K Yen
	19	44.6	8,905	8,905	131	0

Overseas Employee	No. of staff members 1	Age -	K Yen -	K Yen -	K Yen -	K Yen -
Fixed Term Employee	No. of staff members 446	Age 41	K Yen 7,007	K Yen 7,007	K Yen 91	K Yen 0
Faculty	No. of staff members 41	Age 52.1	K Yen 14,107	K Yen 14,107	K Yen 52	K Yen 0
Research staff	No. of staff members 148	Age 38	K Yen 6,580	K Yen 6,580	K Yen 58	K Yen 0
Administrative & Research Administrator	No. of staff members 257	Age 41	K Yen 6,120	K Yen 6,120	K Yen 116	K Yen 0

Note 1: "Permanent employee" should not include staff working abroad, fixed-term or reappointed staff.

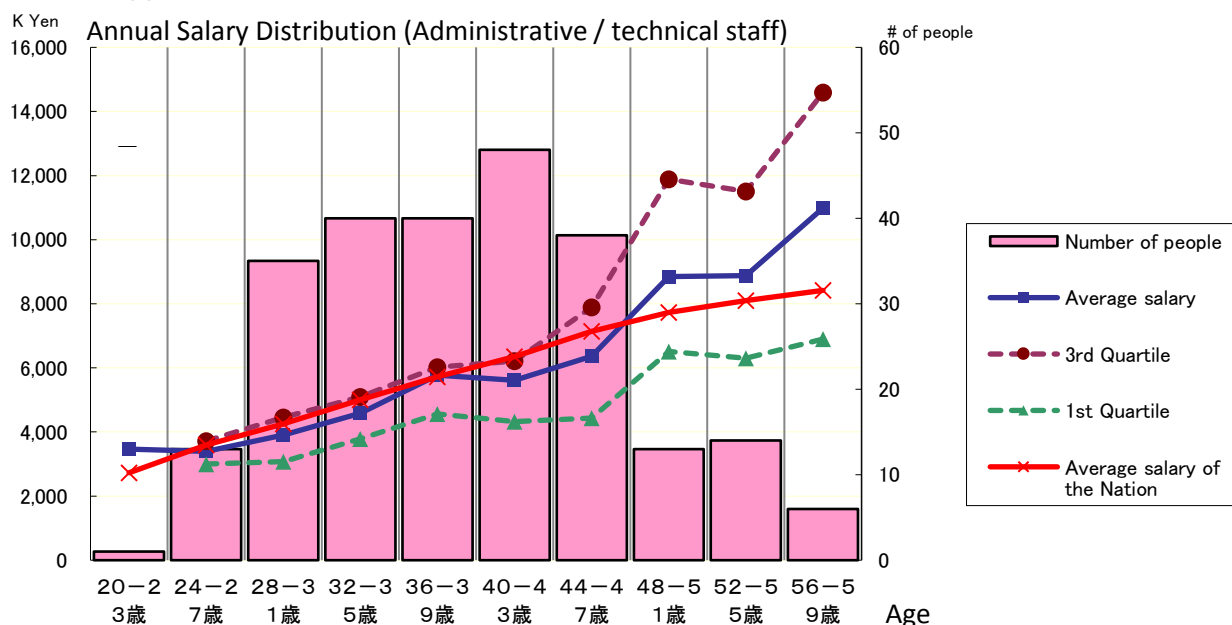
Note 2: If the applicable person is only one, no description on age and annual salary shall be made due to possible identification of the person.

Note 3: Description on non-applicable permanent and fixed term employee positions are omitted.

Note 4: No applicable person was found for re-employed permanent and part-time staff.

Note 5: All staff members of permanent employees, overseas employees, and fixed term employees are employees based on annual salary.

② Annual Salary Distribution by Age (administrative/technical staff)[excluding staff working abroad.
This applies down to ④.]



Note 1: Commuting allowance is deducted from the annual salary shown in ①. This condition applies down to ④.
Note 2: 1st and 3rd Quartiles are not shown since the applicable No. of people at the age 20-23 is less than 5.

③ Annual Salary Distribution by Job Classification
(Administrative/technical staff)

Groups Representing Distribution	No. of staff	Average age	Annual Salary	
			Average	Max-Min
Equivalent to director	19	53.3	16,875	37,920~11,626
Equivalent to manager	25	48.1	9,741	12,421~7,610
Equivalent to assistant manager	25	42.7	6,764	8,579~5,600
Equivalent to section chief	72	43.2	5,878	8,478~4,307
Staff	135	37.0	4,099	9,989~2,432

④ Ratio of the Portion in Bonus (Not Applicable)

Division		Summer	Winter	Total
Managerial level	Uniform payment (Each term)	%	%	%
	Assessed Payment (performance)	%	%	%
	Max~Min	~	~	~
General staff	Uniform payment (Each term)	%	%	%
	Assessed Payment (performance)	%	%	%
	Max~Min	~	~	~

3 Verification of the Appropriateness of Salary Level

○Administrative and Technical Staff

Item	Contents
Compared with Government Officials	<ul style="list-style-type: none"> • Age basis 97.1 • Region/Academic Career basis 107.2 • Age/Academic Career basis 95.6 • Age/Region/Academic Career Bas 106.6
Reason why the salary level is higher than that of the Nation	<p>OIST SC is a school corporation that aims to conduct internationally outstanding education and research in science and technology at the Okinawa Institute of Science and Technology Graduate University (hereinafter "Graduate University").</p> <p>At the Graduate University, research and education is conducted in English, and more than half of the faculty and students are non-Japanese. Under such international environment, outstanding expertise is expected from administrative staff due to the necessity to support researchers who conduct internationally outstanding education and research in order 1) to contribute to the promotion and self-sustaining development of Okinawa and 2) to promote and sustain the advancement of science and technology in Japan and throughout the world. This means OIST staff are also required of having high expertise and English language skills that tend to boost the Laspeyres Index. (Reference: expertise of target employees (276))</p> <ul style="list-style-type: none"> • Master or above 97 people (35%), of which PhD: 37 people (13%) • Above university degree 213 people (77%)(Government Officials (administrative post (#1)): 55%) • All employees have business-level proficiency or higher in English reading and writing skills. <p>Additionally, FY 2016 Age Basis Index is 97.1.</p>
Verification of the Appropriateness of Salary Level	<p>(Corporate Verification)</p> <p>Compared with government officials, Age Basis Index has been less than 100, 96.3 in 2015 and 97.1 in 2016 respectively. Adjustment of the salary level has been addressed through various measures for lowering it.</p> <p>[Verification by Competent Minister]</p> <p>OIST is conducting world-class research and education activities in an international environment where such activities are carried out in English, and more than half of the faculty and students are non-Japanese. Since administrative staffs also must have high expertise to support the researchers, we understand the necessity of having excellent human resources at OIST. OIST has been taking measures to ensure an appropriate salary level under such condition, and as a result, the index compared with government officials showed improvement. We will continue to provide proper instruction and supervision to ensure that such measures will be implemented steadily.</p>
Measures to be Taken	<p>As measures for the future,</p> <ol style="list-style-type: none"> 1) Hire mid-level and younger generation employees over their older counterparts if the candidates are equal in ability. 2) Thoroughly carry out the (personnel) performance evaluation and tighten a pay raise. <p>Through carrying out these measures, appropriate levels of salary is expected to be retained.</p>

4 Salary Model

Note: The description is omitted due to the consistent annual salary system.

5 Consideration on Achievement Allowance Scheme and its Introduction

Achievement allowance scheme is to be introduced for faculty and administrative staff in accordance with the characteristics of their job classification. The result of each individual's achievement is to be reflected on their payment through appropriate implementation, considering fairness and transparency. The scheme is continued to be implemented in the future.

III Comprehensive Personnel Expenses

Classification	Previous FY (FY 2015)	Current FY (FY 2016)
Total Salary and Compensation Payment Amount (A)	K Yen 4,248,644	K Yen 4,807,578
Retirement Allowance Payment Amount (B)	K Yen 10,847	K Yen 3,612
Salary of Part-time Officers (C)	K Yen 68,076	K Yen 86,943
Benefit Package Expenses (D)	K Yen 444,872	K Yen 512,348
Personnel Expense in the most broad sense (A+B+C+D)	K Yen 4,772,439	K Yen 5,410,481

Matters that serve as reference for the Comprehensive Personnel Cost

- Current FY's comprehensive personnel expenses increased due to the addition of 74 employees compared with the previous FY.
- In accordance with "Reduction on Government Public Officials' Retirement Allowance," (decided by the Cabinet on August 7, 2012), the retirement allowance of managerial level personnel has been reduced by multiplying the adjustment ratios, 92/100 (from October 2013 to June 2014) and 87/100 (in July 2014 and thereafter).

IV Others

None

FY2016 Number of Employees Taking Training Programs

平成28年度 研修の受講職員者数

平成29年3月31日現在

Date 実施時期	Training 研修項目	Participants 出席者数
April	New Employee Orientation (2 sessions, Japanese and English)	22
May	New Employee Orientation (2 sessions, Japanese and English)	17
June	New Employee Orientation (2 sessions, Japanese and English)	14
July	New Employee Orientation (2 sessions, Japanese and English)	17
August	New Employee Orientation (2 sessions, Japanese and English)	11
September	New Employee Orientation (2 sessions, Japanese and English)	15
October	New Employee Orientation (2 sessions, Japanese and English)	23
November	New Employee Orientation (2 sessions, Japanese and English)	16
December	New Employee Orientation (2 sessions, Japanese and English)	9
January	New Employee Orientation (2 sessions, Japanese and English)	21
February	New Employee Orientation (2 sessions, Japanese and English)	18
March	New Employee Orientation (2 sessions, Japanese and English)	23
7/15	Microsoft Word	13
9/7	Microsoft Excel	21
10/19	Microsoft Excel	23
11/18	Microsoft Excel	20
1/18	Microsoft Access	9
2/8	Microsoft Consultation	4
3/1	Microsoft Word	10
6/21	Objective Setting Workshop	2
6/22	Objective Setting Workshop (2 sessions)	39
9/21	Information Session for Supervisors	19
9/26	Information Session for Supervisors	12
9/27	Information Session for Supervisors	27
10/4	Information Session for Supervisors	10
10/20	Information Session for PSMA Accumulated Fund Mutual Aid Annuity / Mutual Aid Term Insurance (2 sessions)	52
10/28	Write Perfect Email Presentation	30
11/11	Write Perfect Email Workshop	15
12/9	Effective Communication Skills as a Supervisor	18
2/1	Drunk Driving Prevention Seminar	150
throughout year	Online Training: HR: Sexual Harassment Prevention	752
throughout year	Online Training: HR: Timesheet (HEART system)	201
throughout year	Online Training: Occupational Health and Safety: Waste Management	451
throughout year	Online Training: General Council Office: Japanese Law	455
throughout year	Online Training: Occupational Health and Safety: General Orientation	447
throughout year	Online Training: Occupational Health and Safety: Update Session 2016 General	602
throughout year	Online Training: Occupational Health and Safety: Responsible Conduct of Research	488
throughout year	Online Training: Occupational Health and Safety: Security Export Control	455
throughout year	Online Training: Compliance: Compliance Training	454
10/31- 11/13	Medical Center: Stress Check	358
		5343

平成28年度 セミナー・会議・コース

【外部研究資金セクション】

セミナー・会議・コース	対象者（記入例：アドミ、研究者、業者等）	参加人数
グラントとキャリア（英語）	研究者、事務職員	37
グラントとキャリア（日本語）	研究者、事務職員	29
不採択結果の読み方セミナー	研究者、事務職員	31
JSPSプログラムオフィサーによる特別研究員・科研費ワークショップ	学生、研究者、事務職員	95
科研費の書き方ワークショップ	研究者、事務職員	40
科研費とキャリア（座談会）	研究者、事務職員	32
科研費公募説明会：応募に向けて	研究者、事務職員	40
グラントファシリテーターによる科研費申請書レビュー（10/6 - 10/18）	研究者	74
科研費電子申請システム入力サポート	研究者	11

FY2016 Seminar/Meeting/Course

【Grants & Research Collaboration Section】

Seminar/Meeting/Course	Participants (e.g. admin staff, researchers, venders etc.	# of participants
Roundtable: Grants and Careers (English)	Researchers and Admin staff	37
Roundtable: Grants and Careers (Japanese)	Researchers and Admin staff	29
Seminar: Decoding KAKENHI results	Researchers and Admin staff	31
Workshop: JSPS Research Fellows and KAKENHI (by JSPS Program Officers)	Students, Researchers and Admin staff	95
Workshop: KAKENHI Writing	Researchers and Admin staff	40
Roundtable: KAKENHI and Careers	Researchers and Admin staff	32
Briefing Session: Call is Open for KAKENHI! (about KAKENHI application)	Researchers and Admin staff	40
KAKENHI Application Review by Grant Facilitators	Researchers	74
Supports for using KAKENHI e-application system	Researchers	11

Attachment 2. 4-3-3 FY2016 Number of Employees taking training Programs, OHS

Seminar/Training Results in FY2016 (excluding on-line training)

April 7, 2017

2016年度 セミナー及びトレーニング実績（オンライントレーニングを除く）

Occupational Health and Safety Section

Period: From April 1, 2016 to March 31, 2017

安全衛生セクション

期間：2016年4月1日から2017年3月31日

	Date 実施日	Nature of Event 種類	Name of Seminar/Training 名称	Number of Participants 参加人数	Remarks 備考
1	All through the year 通年	Training トレーニング	Radiation Workers 放射線を取り扱う者 (16 times in total) (16回実施)	55	
2	April 28, 2016 2016年4月28日	Seminar セミナー	e-Application System (EAS) Briefing Session 電子申請システム（EAS）説明会	62	
4	June 16 & 17, 2016 2016年6月16及び17日	Training トレーニング	Safety Training for Venders (Advanced Program) (2 times in total) 取引先向け安全トレーニング（アドバンスプログラム） (2回実施)	170	
5	July 28, 2016 2016年7月28日	Training and Seminar トレーニング及びセミナー	Update Session アップデートセッション (2 times in total) (2回実施)	146	
3	November 9, 2016 2016年11月9日	Training トレーニング	Seminar on Import and Export of Biological specimens 生物試料の輸出入セミナー	40	
6	February 3, 2017 2017年2月3日	Seminar セミナー	Briefing on Field Activities 野外活動説明会	55	
7	February 6, 2017 2017年2月6日	Training トレーニング	Open seminar: Promotion of Research Integrity N95マスクフィッティング講習会	13	
8	March 14, 15 & 22, 2017 2017年3月14、15、22日	Training トレーニング	Ad-hoc sessions on mandatory safety training (3 times total) 臨時安全講習会(3回実施)	126	

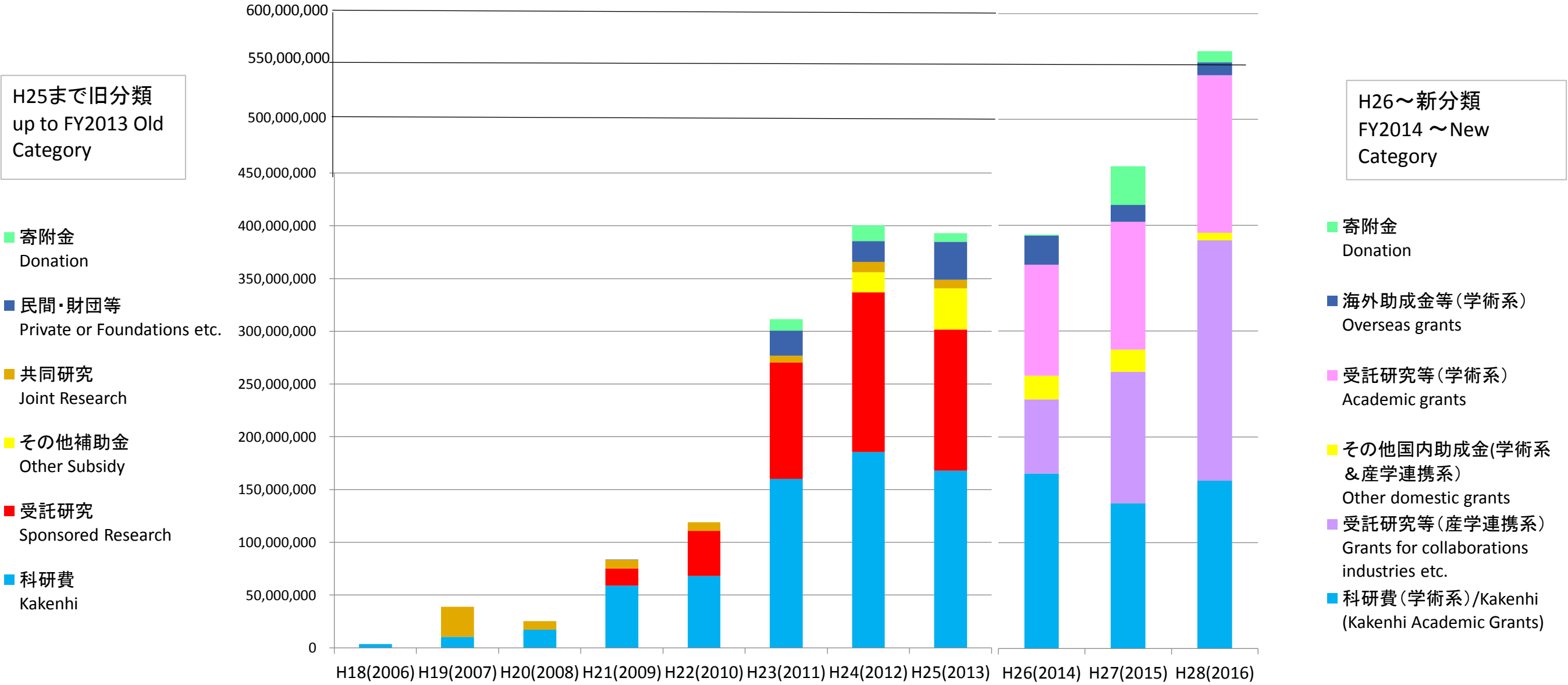
Note that this results only include lecture-style seminar/training.

注：本実績には、オンライントレーニングを除くレクチャースタイルのセミナー及びトレーニングのみを含みます。

外部資金獲得状況/External Funding (as of Mar 31, 2017)

Unit : JPY

H18～H25まで旧分類 FY2006-FY2013 Old Category	H18(2006)	H19(2007)	H20(2008)	H21(2009)	H22(2010)	H23(2011)		H24(2012)		H25(2013)		H26から新分類 from FY2014 New Category	H26(2014)		H27(2015)		H28(2016)	
	Amount	Amount	Amount	Amount	Amount	Amount	#	Amount	#	Amount	#		Amount	#	Amount	#	Amount	#
科研費 Kakenhi	3,800,000	10,293,000	17,225,000	58,923,142	68,281,464	160,041,305	26	185,570,000	30	168,017,777	40	科研費（学術系）/Kakenhi (Kakenhi Academic Grants)	165,266,341	54	137,160,016	47	158,517,697	56
受託研究 Sponsored Research	0	0	0	16,200,000	42,751,000	110,261,800	11	151,397,660	14	133,566,955	13	受託研究等（産学連携系） Grants for collaborations industries, etc.	69,994,690	10	124,337,784	10	227,151,400	18
その他補助金 Other Subsidy	0	0	0	0	0	0	0	19,120,000	2	39,161,300	3	その他国内助成金(学術系&産 学連携系) Other domestic grants	22,635,500	11	20,989,419	6	7,116,234	10
共同研究 Joint Research	0	28,500,000	8,268,750	8,357,625	8,000,000	6,500,000	1	9,781,000	2	8,190,000	3	受託研究等（学術系） Academic grants	104,967,000	5	120,758,500	7	149,131,000	6
民間・財団等 Private or Foundations etc.	0	0	0	162,000	0	23,969,000	3	19,720,574	3	35,811,969	10	海外助成金等（学術系） Overseas grants	27,166,059	3	16,015,264	3	11,916,945	1
寄附金 Donation	0	0	0	0	0	10,822,000	6	14,793,155	11	8,353,825	12	寄附金 Donation	1,075,960	7	36,417,498	13	10,644,779	13
合計/Total	3,800,000	38,793,000	25,493,750	83,642,767	119,032,464	311,594,105		400,382,389		393,101,826			391,105,550		455,678,481		564,478,055	



FY2016 Industry-related Collaboration and Innovation Seminars and Events

Industry-related Grants, Collaborations, and Agreements

No	Title	New/ Continuing	Funding Source	Collaborators	Details	OIST Partner
1	Subtropical/Island Energy Infrastructure Technology Research Project (OPG)	Continuing	Sony Computer Science Laboratories	Okisoko Sony Business Operations	Development of a dispersed-type DC power feeding and distribution system	Professor Hiroaki Kitano
2	Intellectual Industrial Cluster Project (International Joint Research Program) (OPG)	Continuing	Nasei Shoto Industrial Advancement Center	Okinawa Prefectural Agricultural Research Center NARO Kyushu Okinawa Agricultural Research Center University of the Ryukyus	Development of Highly Functional Rice Produced in Okinawa Prefecture for Preventing or Improving Lifestyle-related Diseases)	Assistant Professor Hidetoshi Saze
3	Intellectual Industrial Cluster Project (Startup Promotion Program) (OPG)	Continuing	Okinawa National College of Technology		The development and commercialization of health foods and pharmaceutical products applying the immunomodulation function of "African spinach"	Professor Tadashi Yamamoto
4	Project for Enhancement of Competitiveness of Medical Industry in Okinawa	Continuing	Okinawa Prefectural Government		Improvement of the drug discovery process utilizing next generation multilevel drug discovery and pharmacological simulation platform	Professor Hiroaki Kitano
5	Alien Species Countermeasures Project	New	Okinawa Prefectural Government	Okinawa Prefecture Environmental Science Center	Countermeasures against fire ants	Assistant Professor Evan Economo
6	JST Program for Creating Start-ups from Advanced Research and Technology (START)	New	Japan Science and Technology Agency	Bio-Sight Capital	Development of new eco wastewater treatment system using microbial fuel cell	Adjunct Professor Igor Goryanin
7	Development of Cross-cutting Breeding Techniques and New Feed from Abundant Materials for Fishery Products	New	National Agriculture and Food Research Organization		Genomic analysis of pearl oysters and development of its DNA marker for improvement of disease resistance and pearl quality	Professor Noriyuki Satoh
8	Science and Technology Innovation Development Project	New	Okinawa Prefectural Government	University of the Ryukyus	DNA sequencing related to the development of fermented beverage made from rice malt	Assistant Professor Hidetoshi Saze
9	Sponsored Research Project	Continuing		Confidential	Area: Environment	Professor Noriyuki Satoh
10	Collaborative Research Project	Continuing		Confidential	Area: Drug Development	Professor Noriyuki Satoh
11	Collaborative Research Project	Continuing		Confidential	Area: Medical Devices	Professor Amy Shen
12	Collaborative Research Project	Continuing		Misawa Homes Institute of Research and Development	Area: Environment	Professor Hiroaki Kitano
13	Collaborative Research Project	Continuing		PUES Corporation	Area: Automobiles	Professor Hiroaki Kitano
14	Collaborative Research Project	Continuing		Fujitsu Research Laboratories	Area: Energy	Professor Kenji Doya
15	Collaborative Research Project	New		Institute of Biological Resources	Area: Drug Development	Professor Tadashi Yamamoto
16	Collaborative Research Project	New		Confidential	Area: Energy	Assistant Professor Yabing Qi
17	Collaborative Research Project	New		Confidential	Area: Therapeutic	Professor Hiroaki Kitano
18	Collaborative Research Project	New		Confidential	Area: Drug Development	Professor Tadashi Yamamoto
19	Collaborative Research Project	New		Confidential	Area: Chemistry	Associate Professor: Fujie Tanaka
20	Non Disclosure Agreement	Continuing		Confidential	Area: Materials Science	Associate Professor Mukhles Sowwan
21	Non Disclosure Agreement	Continuing		Confidential	Area: Environment	Professor Igor Goryanin
22	Non Disclosure Agreement	Continuing		Confidential	Area: Imaging	Professor Tsumoru Shintake
23	Non Disclosure Agreement	New		Confidential	Area: Image Analysis	Professor Ulf Skoglund
24	Non Disclosure Agreement	New		Confidential	Area: Imaging	Professor Tsumoru Shintake
25	Non Disclosure Agreement	New		Confidential	Area: Energy	Professor Tsumoru Shintake
26	Non Disclosure Agreement	New		Confidential	Area: Startup Support, Industry-Academia Collaboration	Institutional
27	Non Disclosure Agreement	New		Confidential	Area: Drug Development	Professor Tadashi Yamamoto
28	Non Disclosure Agreement	New		Confidential	Area: Software	Assistant Professor Satoshi Mitarai
29	Non Disclosure Agreement	New		Confidential	Area: Drug Testing	Associate Professor Jonathan Miller
30	Non Disclosure Agreement	New		Confidential	Area: Device Fabrication	Mechanical Engineering and Microfabrication Support Section
31	Non Disclosure Agreement	New		Confidential	Area: Drug Development	Professor Fadel Samatey
32	Non Disclosure Agreement	New		Confidential	Area: Drug Development	Professor Amy Shen Fried
33	Non Disclosure Agreement	New		Confidential	Area: Biology	Professor Mitsuhiro Yanagida
34	Agreement (MFC experiment on premises)	Continuing		Mizuhoshuzo	Area: Environment	Professor Igor Goryanin
35	Memorandum of Understanding (under START Program)	New		Bio-Sight Capital	Area: Startup Support	Professor Igor Goryanin
36	Memorandum of Understanding	New		Okinawa Finance Development Cooperation	Area: Industry-Academia Collaboration	Institutional

Exhibitions Promoting OIST Research and Technologies

No	Program	Date	Place	Organizer	Details	Remarks
1	BIO tech 2016	May, 2016	Tokyo Big Sight	Reed Exhibitions Japan		
2	BIO International Convention 2016	June, 2016	Moscone Center	Biotechnology Innovation Organization		
3	Medical Device Development Expo 2016 Tokyo	June, 2016	Tokyo Big Sight	Reed Exhibitions Japan	Booth Exhibit	Co-exhibit with OPG
4	Okinawa Business Promotion Seminar	July, 2016	Hotel New Hankyu Osaka Royal Park Hotel	OPG	Booth Exhibit/Partnering Meetings	
5	BioJapan 2016	October, 2016	Pacifico Yokohama	BioJapan Organizing Committee	Booth Exhibit/Partnering Meetings	
6	China International Industry Fair 2016	November, 2016	National Exhibition and Convention Center (Shanghai)	Ministry of Industry and Information Technology,National Development and Reform Commission, Ministry of Commerce, Ministry of Science and Technology, Chinese Academy of Science, Chinese Academy of Engineering, China Council for the Promotion of International Trade, United Nations Industrial Development Organization and Shanghai Municipal People's Government	Booth Exhibit	Co-exhibit with OPG
7	nano tech 2017	February, 2017	Tokyo Big Sight	nano tech executive committee	Booth Exhibit/Partnering Meetings	
8	Medical Device Development Expo 2016 Osaka	February, 2017	Intex Osaka	Reed Exhibitions Japan	Booth Exhibit	Co-exhibit with OPG
9	BIO Asia International Conference	March, 2017	Grand Hyatt Tokyo	Biotechnology Innovation Organization		

Seminars, Courses, and Events Related to Innovation (Intellectual Property, Entrepreneurship, R&D Cluster, etc.) Organized by the Technology Development & Innovation Center

No	Title	Date	Speaker	Number of Participants
1	R&D Site Opening: Sustainable Living Experiment House & Battery Changeable EV	Jul 2016	Speakers: Haru Sato, President of Misawa Homes (Japan), Izumi Miyashita, Executive Director of PUES (Japan)	40
2	Careers in intellectual property	Jul 2016	Cantor Colburn LLP (USA) Speaker: Todd Garabedian	25
3	Careers in intellectual property	Aug 2016	Speaker: Gwilym Roberts (UK)	10
4	Innovation Seminar Series: A Life In Science	Sep 2016	Speaker: Richard Roberts (USA)	78
5	Innovation driven R&D at Fraunhofer Gesellschaft at the Interface of White, Green, and Yellow Biotechnology	Oct 2016	Speaker: Rainer Fischer (Germany)	35
6	Designing and engineering biological systems	Nov 2016	Speaker: Todd Peterson (USA)	50
7	Okinawa Marine Science Workshop	Dec 2016	Various speakers	81
8	Course: Lean Startup Entrepreneurial Program	Sep-Oct 2016	George Washington University, USA	16
9	Course: Intellectual Property in Professional Development	Dec 2016	Orrick, Herrington & Sutcliffe LLP, Japan Speaker: David Case	30
10	Course: Project Management Training	Feb 2017	Stanford University, USA Instructor: Mike Hetrick	15
11	Seminar: Tech Transfer Basics and Strategies	Mar 2017	INPIT, Japan Speaker: Mr. Matsushima	6
Total Participants				386

Attachment 4.2 Patent Status

Patent Status

Fiscal Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Filed Patents	0	2	1	6	5	0	5	1	19	15	44	55	86
Issued Patents	0	0	0	1	0	1	4	2	1	2	1	6	22

* FY2016 is an estimated number

