

FUTI Award recipient and UTokyo Ph.D. student Mahmoud Kalil participates in a seismic survey as part of the Hydrogeology Field Course at Western Michigan University.



UTRIP participant Pramodh Ganapathy casting a plankton net at Lake Biwa.

More about this year's recipients...p.3



Annual Report 2014

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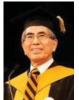
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Brian L. Mark Professor, George Mason University

Message from FUTI President



Many alumni groups of UTokyo have been established by alumni volunteers in New York and elsewhere, with the primary purpose of enhancing social interactions and friendships among UTokyo alumni/alumnae, and are often called "Icho-kai", "Akamon-kai", "Todai Gakuyu-kai" and the like.

Friends of UTokyo, Inc. (FUTI for short), is a not-for-profit organization with a clear mandate to assist the internationalization of UTokyo and to enhance academic and cultural exchanges between U.S. and Japan by financially supporting student exchanges and collaborative research programs between UTokyo and US institutions. The idea of FUTI was conceived by the then UTokyo president Hiroshi Komiyama, and implemented by Mr. Junji Masuda as its founding president in the fall of 2007. It was approved in November 2008 by the IRS and New York State's Charity Bureau as a public charity organization. FUTI was originally called Friends of Todai, Inc. (FOTI), assumed its current name in May 2014, in response to the recent decision by the University of Tokyo to change its English abbreviation from Todai to UTokyo. For details, please refer to our website www.friendsofutokyo.org.

The programs of FUTI are financially solely supported by the donations from alumni and friends of UTokyo and corporations (at the moment Shintech, Inc. Houston, Texas: a U.S. subsidiary of Shin-Etsu Chemical Co.). President, directors, advisory committee members and award selection committee members work as volunteers with no compensations whatsoever. I would like you to endorse the worthy cause of FUTI, which strives to identify and nurture future candidate of global leaders of Japan and America, such as the young talents posted in pages 3-4 of this report. We look forward to generous donations from many more of you to support our programs.

Hisashi Kobayashi, President

Message from Director of University Relations



The FUTI Global Leadership Award (summer scholarship) Program that began in earnest in 2011 has become well known not only to UTokyo students but also among student of major U.S. universities. The total number of recipients of the FUTI Global Leadership Award has reached 72 (37 UTokyo students and 35 U.S. students), including 21 students who received the Award in the summer of 2014.

As for research grant program, we supported in 2010 and 2011 the "Todai-Yale Initiative," which aimed to revitalize American interest in Japan studies. Since 2011, we have been supporting the exchange program of young researchers of "UTokyo's Kavli IPMU" and "UC Berkeley's Center for Theoretical Physics," who are investigating physics and mathematics that may help clarify the mystery of the universe (see page 6 of this report). Since 2012 we have been providing a grant to a joint effort between Columbia University and UTokyo and other universities in Japan to develop a graduate-level curriculum on condensed matter physics. Our grant is used to defray the travel and lodging cost of graduate students who participate in the project as both developers and audience (see page 7).

The globalization effort of UTokyo is undergoing steady expansion and diversification, so we expect that an increasing level of expectation and demands will be placed on FUTI. Thus, we would very like to ask for your strong support of our programs more than ever.

Masaaki Yamada, Director of University Relations

Report on FUTI Scholarship Programs



As reported in Newsletter Nos. 10 & 11, thirteen UTokyo students and eight U.S. university students received the 2014 FUTI Global Leadership Award (FUTI-GLA). Three out of the 13 UTokyo students attended English language courses at Yale University or the University of California, Berkeley (UC Berkeley), two participated in the GSP at UC Berkeley, and the remaining eight enrolled in various summer courses at such U.S. universities as Harvard, Ohio State, UC Berkeley, UCLA, Western Michigan, and Yale.

Four out of the eight U.S. awardees conducted research as summer interns at UTokyo's laboratories under the University of Tokyo Research Internship Program (UTRIP) program, which is hosted by professors in the School of Sciences at UTokyo. They were selected from among 74 U.S.

Laboratory visit in a GSP course "Nanoscience"

at UTokyo (photo provided by Julie Chang)

undergraduate students who applied to FUTI's summer scholarship program. One student from UC Berkeley participated in UTokyo Innovation Summer Program 2014 (TISP2014). In addition to these internship students, two Yale students were selected to participate in the Global Summer Program (GSP) courses offered by UTokyo. FUTI also awarded a travel grant to a student (Stuyvesant High School) who started the Program in English at Komaba (PEAK) in fall 2014.

The thirteen UTokyo students who spent the summer in the U.S. unanimously state, "We learned a great deal inside and outside classroom. The summer experience helped us tremendously expand our intellectual horizon regarding both the world and Japan, and gave us opportunities to rethink our career plans." Many of the UTokyo students who have spent the summer in the U.S. now seem to be thinking seriously about opportunities to pursue their graduate study or post-doctoral research in the U.S. The seven students from U.S. universities invariably report that they gained valuable research skills and experience at

UTokyo. They came

back with a very

positive impression of UTokyo and its programs as well as the Japanese

and to Shintech Inc. in the U.S., whose collective donations to FUTI made our





Roster of FUTI Global Leadership Award Recipients

University of Tokyo Students



Shigeru Chiba

University of Tokyo, Sophomore Liberal Arts, Science III

U.C. Berkeley Summer Sessions Summer English Language Studies





Sayaka Fujita

University of Tokyo, Master 2nd Year Clinical Psychology

Narrative Summer Institute at Ohio State University



Yale University English Language Institute





Akane Inoue

University of Tokyo, Senior North American Area Studies

UCLA Anderson School of Management, Managing Enterprise in Media, Entertainment and Sports Summer Institute

Daiki Iwata

University of Tokyo, Master 2nd Year Urban Planning

U.C. Berkeley Summer Session





Yuka Kakinuma

University of Tokyo, Senior Economics, Marketing

U.C. Berkeley Summer Sessions

Mahmoud Khalil

University of Tokyo, Ph.D. 3rd Year Environment Systems, environmental problems impact on groundwater

> Western Michigan University Hydrogeology Field Course





Tetsu Miyazawa

University of Tokyo, Master 1st Year Civil Law

GSP "Media and Global Protest Movements"

Akiko Segawa

University of Tokyo, Senior Chemical System Engineering

GSP U.C. Berkeley Beahrs Environmental Leadership Program



Liberal Arts II

Haruka Udagawa

University of Tokyo, Sophomore

Harvard Summer School

"Religion and World Politics"

and "Strategies and Conflict"



Yosuke Tanigawa

University of Tokyo, Sophomore Liberal Arts, Science III

U.C. Berkeley Summer Sessions Summer English Language Studies





Xiaoxue Zang

University of Tokyo, Sophomore Science I

Yale Summer Session "Film, Video and American History" and "The Introduction of Philosophy"

Students from U.S. Universities



Jenny Yejin Byun

University of California, Berkeley, Senior Political Science and Integrative Biology

Todai Innovation Summer Program

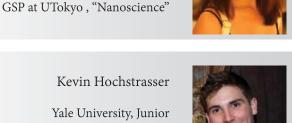




Pramodh Ganapathy

Duke University, Senior Evolutionary Anthropology (1st major) and Asian & Middle Easter Studies (2nd major)

UTRIP Nozaki Laboratory of Origin of Eukaryote Biodiversity



Kevin Hochstrasser

Yale University, Junior

Biomedical engineering

Julie Chang

Yale University, Junior Molecular, Cellular, Developmental Biology

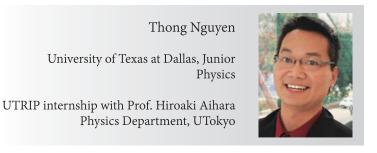
UTRIP UI-TEI Biochemistry Lab



Chiwu Ishido Kim

Stuyvesant High School NYC Graduate

UTokyo PEAK



Taweewat Somboonpanyakul

University of Chicago, Junior Physics

UTRIP Exoplanet Lab with Prof. Motohide Tamura

Kevin Zhou

Yale University, Junior Biomedical Engineering

GSP "Introduction to the Japanese Language" and "Nanoscience"



FUTI Research Grants to Columbia-Todai Team and Berkeley's BCTP-UTokyo's Kavli IPMU Renewed

The Friends of UTokyo Inc. (FUTI) continues the support of Columbia-UTokyo's effort in their curricular development and student exchanges in the area of condensed matter physics and the joint research of UC Berkeley and UTokyo on "physics and mathematics for the universe," as well as their exchange program of graduate students and their outreach program for the general public.

Frontiers of Condensed Matter Physics (F-CMP): Columbia-UTokyo cooperation on education and research

Organized by Prof. Yasutomo Uemura of Columbia University, the Columbia-UTokyo educational cooperation on condensed matter physics has been successfully carried out over the past few years with partial support from FUTI.



Prof. Uemura giving a lecture to visiting students of UTokyo and other Japanese universities.

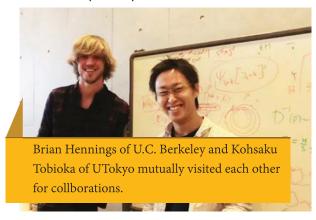
In March 2013, fifteen Columbia graduate students visited Tokyo and Kyoto, after having taken UTokyo's lectures that were video-broadcasted to Columbia. Some of them also visited Kyoto University and SPring-8 Synchrotron facility, and enjoyed Japanese culture in Kyoto and Tokyo.

In Fiscal Year 2014-2015, Columbia-UTokyo plan to continue their teaching activities, the fourth year in a series of joint teaching of the F-CMP course, as well as their research collaboration between graduate students of both institutions. In the previous year, the research collaboration was performed using the accelerators at TRIUMF in Canada and PSI (Paul Scherrer Institute) in Switzerland.

In the coming fiscal year, in addition to research at these facilities, two collaborative activities will be organized using Japanese research facilities: KEK Photon Factory and the laser facility of the Institute of Solid State Physics (ISSP) located at the UTokyo Kashiwa Campus. This year, Prof. Hiroshi Kageyama and his student Mr. Yasumasa Nozaki of Kyoto University will be invited to Columbia to continue the collaboration on muon spin relaxation experiments at TRIUMF. Again this year, several exchange visits of graduate students between the facilities of UTokyo (including KEK) and Columbia are planned.

Collaboration, Exchanges and Outreach at the Kavli IPMU-Berkeley Campuses

The collaboration between the Kavli IPMU at UTokyo and the Berkeley Center of Theoretical Physics (BCTP) at UC Berkeley has a unique environment where mathematicians, astronomers, and physicists work together. Having both research and cultural exposure has been proven crucial for the development of the careers of young researchers in the global scientific community. This has been particularly important for the UTokyo graduate students and the collaboration should boost the international visibility of the University of Tokyo.



Last year, two Berkeley students flew to the Kavli IPMU for a month-long visit, and another Berkeley student (Brian Hennings) had a semester-long stay. Brian helped Prof. Murayama teach the first-ever online course from Japan entitled "From the Big Bang to Dark Energy." Brian acted as the Teaching Assistant for this course, ran the discussion forum, and wrote homework problems. In this coming year, they will continue their exchange program of graduate students.

Prof. Murayama is also planning to work with the Japanese Consulate in San Francisco to organize another event in 2014 to reach out to the local community, after giving two successful public lectures in North America this year, one in an IMAX theater in Vancouver with about 400 people in the audience (available online) and another in Santa Cruz with about 200 people (http://news.ucsc.edu/2013/07/murayama-lecture.html)

Receptions for GSP and UTRIP Students at UTokyc



The Global Summer Program (GSP)'s welcome-and-farewell party, which was held on July 11 at the Sanjo Kaikan of UTokyo, started with an opening remark by Professor Kiichi Fujiwara of the International Center. It was attended by 46 undergraduate students, who came from ten universities of the world, including four UTokyo students whose programs abroad would begin shortly. The rest of the UTokyo students who participated in the GSP programs at foreign universities, about twenty of them, had already gone overseas. Seven faculty members and twelve staffs members also attended.



Dr. Shigenori Matsushita (far left in the photo) and Ms. Sumiko Ito (far right) represented FUTI. Two Yale students and FUTI scholarship awardees, Ms. Julie Chang and Mr. Kevin Zhou (in the middle), were present. Both took the course on Nanoscience.

UTokyo offered four courses taught in English and attracted the following numbers of students: Japanese Language (9 students who must also take another course),

Sustainable Urban Management (14), Japan in Today's World (12), and Nanoscience (16). The first two courses took place from June 30 to July 11, and the rest began on July 10 and finished on July 18 or 23. Japan in Today's World covered, after introductory classes on the Japanese political system, the post disaster relief after the great earthquake, and territorial disputes and nationalism, in which students were encouraged to discuss with the professors and among themselves. Each university in IARU (the International Alliance of Research Universities) sent three to six students to UTokyo. Scholarships were offered by IARU, FUTI and the sending and hosting universities.

Dr. Emiko Gosho of the University-wide Student Exchange Program (USTEP) Office of UTokyo presided over the party in her fluent English. Dr. Matsushita was asked to speak, representing the FUTI scholarship selection committee.

UTRIP Reception: The UTRIP (University of Tokyo Research Internship) Reception was held on July 15 on the top floor of the UTokyo Hospital. It began with an opening remark by Prof. Makoto Gonokami, Dean of the School of Science, UTokyo. The UTRIP is a summer program of the School of Science, UTokyo. It is an introductory program to the research environment, which invites talented junior or senior students from abroad to conduct research under the guidanceof faculty members of the School and familiarizes the students with the

Graduate School of UTokyo. Five departments, consisting of Physics, Astronomy, Chemistry, Earth & Planetary Science, and Biological Sciences, offer the internship programs.

The reception party was attended by all 29 students, who were selected out of 495 applicants coming from all over the world: 10 students in the first term (June 12 to July 23), and 19 students in the second term (July 1 to August 8). The composition of their nationalities was: 8 Americans (all from U.S. universities), 6 Chinese (4 from Peking University, one from the University of California and one from Nanyang Technological University, Singapore), 3 Thais (2 from the University of Cambridge and one from the



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University of Chicago) and one or two students from 10 other countries. Their university composition was: 12 students from U.S. universities (5 from the University of California, 3 foreign students), 9 from British universities (4 from the University of Cambridge, 8 foreign students), 4 from Peking University (none from other Chinese universities), and the remaining two were from universities in India and Singapore, one each.



FUTI awarded scholarships to four U.S. students this year, and Ms. Ito and Matsushita gave talks, representing FUTI. Ms. Chie Sakuta of the International Liaison Office in the School of Science presided over the party in her excellent English and let every student give a one minute speech.

The four FUTI scholarship awardees were all present. From the left in the picture: Mr. Kelvin Hochstrasser, an American, is a Biological Sciences major at Yale University.

Mr. Taweewat Somboonpanyakul, originally from Thailand, is an Astronomy major at the University of Chicago. Mr. Pramodh Ganapathy, an American, is a Biological Sciences major at Duke University. Mr. Thong Nguyen, originally from Vietnam, is a Physics major at the University of Texas, Dallas. At the center is Mr. Kazutaka Yamaji, Director General of the Development Division of UTokyo.

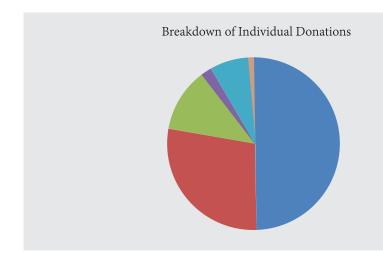
Dr. Matsushita remarked, "It was important for me, a novice member of the FUTI scholarship selection committee, to get acquainted with the GSP and UTRIP programs, and to meet and speak with the faculty members and students who were participating in the programs. In these two parties, I was impressed by the following points among others. All of the students, especially the FUTI scholarship awardees, looked excellent, proactive and sociable as we had expected in the selection process. I felt I was seeing and talking with world leaders of decades from now. The future leaders will be one half female and one half East Asian, judging from the GSP party, or one third female and 60% East Asian in the case of UTRIP." Dr. Matsushita observed, "Only 20 UTokyo students went abroad to participate in the GSP, while UTokyo accepted 42 foreign students. These numbers should roughly be the same. During the scholarship selection process of applicants from UTokyo, it was noted that many applicants are repeaters. Globalization may need to be further promoted among UTokyo students."

Fundraising Results of FY 2013-2014, and Revenue and Expenses

The annual fundraising campaign in FY 2013/14 (July 1, 2013-June 30, 2014) concluded with a total revenue of approximately \$110,000. This result, however, does not match those of the previous two years, which were \$139,000 and \$131,000, respectively. This substantial decline is largely attributable to the reduction in the income from Shintech Inc's Trust Fund, due to the continued erosion in the earnings of U.S. treasury notes, in which the Trust has been exclusively invested.

The number of individual donors has decreased by 19% from 73 of the previous year to 59 this year, although the total amount of individual donations did not decline as much: it has decreased by 7.6%, from \$61,320 to \$56,660.

The pie chart shows a breakdown of the individuals' donations by group or region. Out of the \$56,660 donations from 59 individuals, \$28,000 came from 12 members of FOTI Board of Directors and Advisory Committee members; \$16,060 came from 20 alumni in Japan; \$6,750 from 18 alumni in New York, New Jersey and Connecticut (excluding those who serve on



FOTI's Board or Advisory Committee); \$4,100 from 5 alumni in California and Washington States, \$1,250 from 2 alumni in Illinois, and \$500 from two alumni in Texas.

Summary of Financial Statement FY 2013-2014

Balance Sheet (Unit: US Dollar)			
Fixed Assets	672	Fixed Liabilities	0
Laptop PC (Undepreciated portion)	672		
Liquid Assets	174,203	Liquid Liabilities	0
Checking & Savings Accounts	173,938		
Prepaid Asset	275	Total Liabilities	0
Indetermined Loss	-7	Total Capital	174,878
Total Assets	174,878	Total Capital and Liabilities	174,878
Profit and Loss Statement (Unit: US Dollar)			
Expenditures	107,537	Revenue	109,906
Grants (Research Grants, Awards)	91,950	Donations	109,616
Operating Expenses	15,587		
		Interest Income	290
Operating Profit	2,372		
Total Asset at Start of FY 2013-2014	172,506		
Total Asset at Year End of FY 2013-2014	174,878		

This breakdown by the region is similar to that of the previous year. We note that the donations from CA & WA, NY, NJ & CT and Japan have increased by \$3,300, \$1,450, and \$540, respectively, whereas the donations from the Board and Advisory Committee members, and alumni in IL have declined by \$2,800 and \$3,300, respectively.

July, 2013 - June, 2014: \$56,660

- Board and AC Members (12)
- Alumni in Japan (20)
- Alumni in NY, NJ, and CT (18)
- Alumni in IL (2)
- Alumni in CA and WA (5)
- Alumni in TX (2)

"We are sincerely thankful to Shintec Inc. and many individual donors who continue to support our activities. In order to maintain the current level of summer scholarship and research grant programs, however, we must broaden our support base. Anticipated earnings from Shintech's Trust Fund do not seem encouraging in this fiscal year. We desperately need more alumni and friends who join us to help our younger generation gain global experiences to be prepared for this increasingly competitive global economy and complex world politics," remarked President Hisashi Kobayashi.

We spent \$91,950 on the summer scholarships and research grants this year, which was a decrease of \$2,550 (2.8%) from \$94.500 of last year. With the operating expenses of \$15,587, the total expenses amounted to \$107,537, practically unchanged from \$108,122 of FY1012-2013. The operating profit of FY 2013-2014 was only \$2,372.

\$1,500

\$1,500

Masaaki Yamada

Teruaki Aoki \$1,000

Ichiro Ishii \$1,000

FY 2013 - 2014 List of Donors

CORPORATION	Shunichiro Kishioka \$1,000	Friends (\$250-\$499)	Names only (in alphabetical order)
Benefactor (\$25,000 or more)	(late) Shoshichi Kobayashi	Anonymous	Tetsunosuke Fujisaki
Shintech Inc.†	\$1,000	\$300	Koichi Hamada
\$52,956.24	Chiaki Kusuhara \$1,000	Kenichiro Yamada \$250	Kenichi Imai
†Dividend income from a \$5 million trust fund created for	Iwao Ojima	Anonymous	Yasunao Katayama
the benefit of FUTI.	\$1,000	\$250	Hisao Kameda
INDIVIDUALS	Sadayoahi Okubo \$1,000	Donations under \$250	Shigenori & Sumie Matsushita
Sponsor (\$10,000-\$24,999)	Kenichi Sugiyama	Jyotaro Hamada \$200	Hirokazu Miura
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\$10,000	Hideaki Takagi \$1,000	\$200	Nhut Nguyen
Donor (\$1,000-\$9,999)	Yasuhide Watanabe	Tadasu Takuma \$200	Hiroshi Saito
Junji Masuda	\$1,000	Anonymous	Nahoko Sato
\$3,000	Shunpei Yamazaki \$1,000	\$100	Yoshikatsu Takeda
Yuichiro Kuwama \$2,500	Anonymous	Anonymous \$100	Mami Terai
Yasuo Okamoto	\$1,000	Anonymous	Sohei Tokuhisa
\$2,500	Supporting Member (\$500-\$999)	\$100	Nobuo Urata
Motoatsu & Nobuko Sakurai \$2,500	Kazutaka Yamaji	Anonymous \$100	Shoji Yoshisato
Tohru Asami	\$900		Kengo Yoshiwara
\$2,000	Takeo Hoshi \$500		<i>8</i>
Sumiko Ito	+5 **		
\$2,000*	Masayuki & Sakiko Ono \$500		
Masako Osako	7. 7		

Total: 2 corporations*, 58 individuals; \$109,616.24

Ko-Yung Tung

Yoichi Yoshida

Anonymous \$500

\$500

\$500

 $^{^{\}ast}$ Total including matching gift from State Street Bank Foundation.