History & Events in and around the GS of Science

Voices From IGPAS Alumni

as of March-July in 2017

Beneficial Skills /experiences/things you got /leaned under IGPAS

Messages to current IGPAS students and /or IGPAS Alumni

2004

I've learnt the real meaning of research under the guidance of my supervisor, how to do research individually and collaboratively. I've learnt my academic skills such as synthesis of nanomaterials, and characterization techniques (SEM, TEM, N2 sorption measurements). I've learnt how to make human network

2004-2008, Male, Chemistry, Asia I'm very proud that I'm one of the first batch under IGPAS program at Tohoku University. I've graduated in the 100th year of Tohoku University, which is a special reason for me to proud of. IGPAS offered many international students to pursue their higher studies in Japan, especially at Tohoku University. It offered course works in English and Japanese as well to the international students. IGPAS program has assisted me in many ways, in academics and personal life.

Dean (2002-2005)

Prof. Atsuto SUZUKI (Research Center for Neutrino Science)

Professional Basketball Team, "Sendai 89ers" established Immense knowledge from world-first-class research group; Professionalism and intellectual staffs; Career advancement; Cross-culture communication

I am proud to be a part of IGPAS program at Tohoku University because of its spirit and surrounding people. To current IGPAS students: Enjoy your wonderful time in Sendai!

2004-2007, Male, Chemistry, Asia

2004-2007, Male,

Physics, Europe

I strongly recommend the international students to engage under IGPAS programs at Tohoku University, Japan.

2004-2009, Male, Chemistry, Middle East

- 1. How to have a positive thinking.
- 2. Synthesis and characterization of nanomaterials with several classifications.
- 3. How to use the nanomaterials for analytical applications.
- 4. Using the highly advanced machines.
- 5. Multicultural networking.
- 6. Being helpful as IGPAS/DIRECT staff members.

Dear current IGPAS students,

It is really a great chance that you have been accepted under IGPAS to pursue your master and/or PhD. Please always consider it; a great step for bright future. Please be always patient with Science, get daily more knowledge and keep always discussion with your direct supervisors. These will help melting the multicultural gaps because we all came from different backgrounds. Japanese culture is full of wonderful ethics either for research or real life. Try to discover and get them one by one for better understanding and real interactions.

Dear current IGPAS Alumni,

It was my great honor being one of you. I could learn with you many issues in Science and life. Especially the research ethics and directions that we could learn under IGPAS helped me to have a broad vision on the applicability of Science for the sake of humanity at different scales. Hope that you have a great future wherever you are.

2005-2008, Male, Chemistry, Asia Learnt so many experimental and computational skills.

Learnt how to prepare presentations.

Learnt how to present in conferences.

Learnt how to make academic contacts and I could make a big network of scientists all around the world.

Obtained Hot Article Award for the article

IGPAS is a very good program which offers excellent support for the international students. This program gave me the opportunity to study in Japan, learn Japanese language and culture, and to get job in Japan. For the IGPAS students, please make use of the opportunities provided by this program to develop your career. Please enjoy the studies and life in Japan, and I wish you all the best!

Dean (2005-2008) Prof. Osamu HASHIMOTO (Physics) I learned a lot of things, such as Numerical work and Simulation fluid/Particles in cell code, working in linux, and Genuplot. Also I learned a lot of scientific subjects from Professors, also a lot of things from other students.

I got research grant from a foundation for 2 years.

I and my wife had a good time in Japan. People are very kind, and students vary friendly. In during that we ware lived in Japan, we learned a lot of things about Japanese culture and we use to it. In the university all of the professors ware kind. Almost Japanese food is delicious and always, we enjoyed. There are a lot of places for sightseeing.

I am very glad that I found an opportunity to come Japan through IGPAS. Thank Professor for teaching and supporting.

Professional
Baseball Team,
"Tohoku Rakuten
Golden Eagles"
established

日本が好きになったこと。研究(仕事)に対する基本的な姿勢、 学校内外の集まりで広げたネットワーク 等々

(I like the general attitude towards work/research that Japanese people show, and find t important the network that I have developed thorough various activities in and out of campus.)

2005-2010, Male, Physics, Asia 山の上の研究室まで地下鉄で行けるのは羨ましいです。(因みに、僕のときはマウンテンバイクでした...) 仙台は緑が多く空気がキレイで住みやすい場所です。今思えば本当に四季折々で色んな光景やイベントを楽しめました。東北大での留学生活に慣れた後も一日一日を大切にお過ごし下さい。(I envy you guys who take subway to the lab up on the hill!-I would use mountain bike. Sendai is a good place to live, with rich greenery and refreshing air. I fondly remembers the scenes and events I enjoyed all around the season. Hope you will cherish and value every day even after you get used to it.)

Under IGPAS I learned a lot and got a lot of things: I made many friends from around the world, got acquainted with different cultures and different English (Japanese English, Arabic English, Indian English etc.), got broaden my mind and range of interests, improved my both English and Japanese, improved my computer and computer programming skills, obtained great experience in working with seismic data, extended my knowledge in seismology, geophysics and other Sciences about Earth, and could see with my own eyes famous and legend seismologists and other scientists 2005-2010, to their research results thanks to AOB seminars, Thursday seminars, Female, open lectures and guest lectures. Moreover I attended many conferences and summer Geophysics, schools in Japan, USA and Korea, where I could present my recent results, discuss my Asia research and exchange my knowledge, and vice verse. Finally independent, comfortable, safe and "no problem" life in Sendai, Japan is invaluable experience of my life. I would like to thank members of the center I belonged and IGPAS, who made my study at Tohoku University and

life in Sendai, Japan meaningful, impressive, unforgettable and wonderful!

2005-2009.

Male.

Geophysics, Middle East Dear IGPAS students!

Enjoy your life and study at Tohoku University, Sendai, Japan. It's new chapter in your life, which is going to be informative, thrilling and exciting. Take your time and take every chance to improve your knowledge in your field, academic skill, Japanese, English at Tohoku University.

All you need is to organize yourself, prioritize, overcome yourself, and open up new opportunities.

2005-2010, Female, Geophysics, Asia (continued)

2006

2006
University House Sanjo
(The first university house,
dormitory for both
international & Japanese
students) open

2006-2011, Male, Astronomy, North America

Japanese language skills

Work hard but don't focus too intently on your research alone.

Some of the best job opportunities will be based on your experience outside of the laboratory.

2007

"Sendai Airport
Access Line"
started its operation.
It takes only 17
minutes to Sendai
airport!

Hello IGPAS students,

When I was a student, I used to think this inspirational message: "Every problem might not have a solution right now, but don't forget that every solution was once a problem". This thought really directed me to accomplish my doctoral and postdoctoral research works at Tohoku University where practice oriented research and education comes first. So simply do your work with the confidence; choose hard work and reach your goal. Wish you all the best for your bright future

2007-2012, Male, Chemistry, Asia

2008

Dean (2008-2011) Prof. Kimio HANAWA (Geophysics) 2008-2010,

Male, Physics, South America I obtained my master's degree in Physics, learned a lot about Japanese culture and work style.

This is a great opportunity to be in an international environment and a great working atmosphere. Tohoku University is a great place to be during your postgraduate studies.

- Academic skills:
- 1. Data analysis,
- 2. Critical thinking
- 3. Improved presentation skills
- 4. Networking
- •Culture and Language: Developed some Japanese language skills

2008-2013,

Male, Physics, North America I would like to encourage all students, especially those in the IGPAS program, to fully take advantage of the unique academic experience available at Tohoku University. In addition, I would encourage everyone to be involved in activities other than purely academics endeavors, and continually focus on professional development. Never turn down any opportunities presented to learn about the history and culture of Japan while advancing knowledge in your discipline. Its your life, live it.

Graduate School of Science, Tohoku University provided us world top-level research environment and state-of-art facilities. My advisor is not only a world-renowned scientist but also a respectable leader. Under his supervision, I have developed an excellent understanding and knowledge of theories, laboratory tools and procedures and safely applied practical techniques for research. My Japanese colleagues are warm hearted, detail oriented and most important, they are all hard workers. We have been working more than 70 hours per week in laboratory and I really miss those exciting days. Our hard work resulted in peer-reviewed publications and presentations at international symposiums. During Ph.D. study, we have grown to independent problem solvers. It is essential for our future career as a research.

I suggest current IGPAS students to learn Japanese Language/Culture hard, and living as a Japanese Scientist. Then you may get more knowledge and information you need and grows quickly. 2008-2013, Male, Chemistry, Asia

2008-2013, Male, Physics, Asia

- academic skills (physics, computer, scientific writing, English, and some very basic Japanese)
- management skills (especially communication and negotiation)
- community development
- cultural exchange

Let's work hard, play hard, pray hard, and help each other.

The most important skills I learned under IGPAS are the essential skills for doing scientific research: how to think, how to design a research project, how to write academic papers, how to make scientific presentations, how to make discussions and communications with other researchers. I think those skills are very important.

2008-2013, Male, Physics,, Asia

IGPAS program is a very good chance for you to study science and to learn the research skills in a generally good academic environment. More or less, the program also guarantees a doctoral degree after five years of making efforts in studying and working. Of course, to get a Doctoral degree and to be satisfied after spending 5 years for the diploma are different stories and it actually depends on many other things, among which what you really want is the most important. However, a good chance is a good chance and it is said that don't miss the chance.

I feel lucky to be an IGPAS student through which I have learned a lot in the field of academic activities as well as some administrative works.

2008-2013, Male, Physics, Asia Hi, I would like to express my heartiest congratulations to you all, who have been selected as an IGPAS student. This is really a unique opportunity to have such a very good facility of doing high quality research in Tohoku University through IGPAS program. I was not a good student but I can feel the excellent guidelines and company of highly learned Professors of Tohoku University. I miss the very friendly company of Japanese as well as of International students. Hope you people would do better than me and would serve for the betterment of this world. Wish you every success in your life.

< Academic skill>

Learn the basic operation of Fluorescence and UV-vis spectroscopy, 1HNMR,13CNMR, ESI-MS operation skills and how to analyze the chemical structure and the corresponding spectra. The most important thing is how to do research in rigorous manner.

<Human network>

I know some talent researchers and student who study in japan and then come back to my home country, after coming back, we contact with each other and we can do some interdisciplinary research. In other words, we can invite our host professor in Japan to our present institution to make presentation and conduct academic exchange.

<Awards> Research grant from a foundation for two years

2009-2012, Female, Chemistry, Asia I hope student in your master or doctor period could seize every moment to learn more to arm yourself for your bright future. Of course, life is not just solely work, in your spare time you can enjoy the colorful life in campus and Sendai, the life in Sendai leaves a deep impression in my whole life, I hope someday I could come back to Sendai.

It is really a good memory to study in Tohoku University.

2009-2012, Female, Geophysics, Asia 2009-2014, Male, Chemistry, Asia

Catch the chance and enjoy it! Besides the general skills, I got several chances to running academic conferences as one of the organizers in Tohoku University. I also have earned lots of experiences on operation and maintenance of kinds of large scientific instruments.

I've got academic skill, human network, job opportunity, positive attitude, problemsolving skills, strong work ethic, working well under pressure and ability to accept and learn from criticism.

2009-2013, Female, Geophysics, Asia When I was a student at Tohoku University under IGPAS, it was best period of my life. Over there I've got a lot of things such as friends, PhD. degree, love from teacher and Lab.'s member, good and also bad experiences. I

would like to pass my message to current IGPAS as "The key to my success is doing the best of you and learning everything with positive attitude".

2009-2014, Female, Physics, Asia

I learned how to organize my experiment as well as presenting my research when I was IGPAS student.

I have learned many thing during my study under IGPAS, while the knowledge gained in the classroom from many world class professors is benefit me in many ways. The most important for me is Professor wisdom and I will not forget it. Under IGPAS I could increase my management skill, while participating and networking in lab activities give me great opportunities for personal growth and development. My lab-mate was came from many countries, in this way I learned to adapt to different culture, personalities, and accommodate diverse perspectives. The most productive time in my life is when I was graduate student under IGPAS, I have published 10 academic papers and attends
8 international conferences held in Japan, Bulgaria, Germany, Canada, Malaysia, and Indonesia.

2009-2014, Male, Earth Science, Asia

For current IGPAS student: anything

happened in your life during graduate student, just keep moving forward and never stop to write down your idea. For IGPAS Alumni: let's meet up and doing something for a better world! 2009-2015, Female, Geophysics, Asia

Academic skills, human network, ways to think and solve problem

It is a wonderful opportunity to explore the world outside your own country, which is a beautiful experience to me. Hope you like and enjoy life at IGPAS!

2010

Shinkansen (bullet train) extended the service to Aomori; completion of the "Tohoku Shinkansen"

2010-2013, Male, Earth Science, Asia The support and guidance of the faculty members (staff members also) helped to me to become technically strong, which contribute to my successful completion of the course. The education from Tohoku University did help me get lots of opportunities for work and my career. Besides education, I learned how to balance my life through work, social and family during my stay in Tohoku campus.

2010-2013, Male, Physics, Asia I acquired experimental skill as well as student academic supervision during my IGPAS.

I had an opportunity to be trained on the national and international conferences including USA in a sophisticated environment. Moreover, I had enjoyed well equipped modern solid state quantum transport (SSQT) laboratory facilities and different research environment with foreign researchers from various corners of the world during IGPAS. My doctoral student life was blessed with plenty of nice memories, encouraging each other among, classmates, researchers. I believe that experimental skill and knowledge of student guidance techniques are very much important, especially those who will be back in academic institution. This issue I had observed during my IGPAS at Tohoku University. I will be pleased to see more and more enthusiastic juniors enter IGPAS, who shall provide us with highly satisfactory environment for acquiring those bases. I sincerely hope that I will be able to share a dream with you all, who will join us.

- a. Ability to investigate a problem by creating focused, testable hypothesis.
- b. Japanese
- c. Technical presentation, I was a lot worse/more nervous before completing the program.
 - d. Solid state physics/surface science

2010-2015, Male, Physics, North America

I hope all of the current students are having fun. It was hard work, but I enjoyed studying. I really miss Sendai.

2010-2015, Male, Physics, Asia Academic Skills: material synthesis and characterization, physical properties measurement and analysis, data processing using different softwares, scientific paper writing, etc.

Other: Japanese language and culture, the good manner of Japanese, a lot of international friend, etc.

Keep on going, IGPAS!

2011

The Great East Japan Earthquake occured

2011-2016, Female, Physics, Asia First of all, I would like to thank the IGPAS program of Tohoku University which gave me a chance to study and research in one of the most famous university of Japan. Five years in Sendai,

I received not only knowledge but also many good memories about research life, many interesting places, warm people around me. Living in Sendai is one of the best time in my life. Thank you very much.

Dean (2011-2014) Prof. Hiroshi FUKUMURA (Chemistry)

2012

University House Katahira open Academic oral presentations, optical experiment (physics), computer simulation (physics), Japanese hard-working style, teamwork in laboratory, healthy eating

2012-2014, Male, Physics, Asia I love Tohoku university and am always an IGPAS student

2012-2015, Male, Geophysics, Asia

English improvement, programming skill, international network.

Be serious in study, but don't forget to enjoy Japan!!:)

2013

University House Sanjo II open

2013-2015, Male, Chemistry, Asia Research skills I will say. I, however, will point out that program needs to bring some sort of modification as far as organizing activities, networking among its students and a focus on the development of collaboration, interpersonal and communication skills are concerned. These skills are getting more and more important with every passing day.

My only message will be to each and everyone will be to develop your

interpersonal and communication skills as much as you can

2014

Dean (2014-2017)Prof. Tadahiro HAYASAKA (Geophysics.)

2015

3rd UN World Conference on Disaster Risk Reduction

New building, "Science Complex C" completed

Convenience store (Seven-Eleven) on the first floor of Science Complex C open Studying under IGPAS helped me have the solid foundation knowledge of chemistry, especially Coordination Chemistry, the research background

in Tohoku University is very helpful to my current work. I also learn a lot about the research spirit of Japan, it is very helpful for me to be a good researcher! By the way, I also meet some very friendly Japanese friend, some friends also visit me where I currently live! I really hope to have more communication with Tohoku University in the future!

2014-2016, Male, Chemistry, Asia

> Our future will be more brighter, because of IGPAS, because of Tohoku University! Thanks very much!

Sendai Subway "Tozai (East & West) Line" started its operation

Approx. 5 minutes walk to "Aobayama" station, and 10 minutes ride to Sendai station

2016-2018

Dean (2017- present) Prof. Masahiro TERADA (Chemistry) **2018: University House Aobayama open!**