

Collaboration of Veterinary Education
between Japan and Thailand
for Sound Evolution of Asia



Activity Report 2017



Preface

Shin Oikawa

Dean, School of Veterinary Medicine
Rakuno Gakuen University

The Collaboration of Veterinary Education Japan and Thailand program for sound evolution of Asia (CVEJT) has been carried out for 4 years. The final year of this program is 2017. The Veterinary Schools of Hokkaido University, the University of Tokyo and Rakuno Gakuen University (RGU) in Japan and Kasetsart University (KU) in Thailand have collaborated in this program with the aim of promoting the growth and development of veterinary students with a global perspective. The control of infectious animal diseases and zoonoses and ensuring food safety cannot be dealt with only as individual problems of a single country. When approaching such issues, it is expected that veterinarians must be internationally active with an appropriate global perspective and creativity, cognition, knowledge and techniques. Therefore, CVEJT has been a very meaningful program from the point of view of Asian international education.

We received seventy-five students from KU. Forty-eight students of RGU have been sent to KU. Our students who experienced this program and returned from Thailand developed their capacity to examine and understand various things with their own vision. These changes were derived from the opportunity to observe themselves not in Japan but in Thailand, which was very useful for their personal development. KU students also absorbed much knowledge and many techniques from Japanese veterinary medicine. They fortunately gave many valuable stimuli to Japanese students through clinical practice and after-school activities. Of course, strong friendships between them were fostered. This program benefited not only the students who made a passage but also provided many very exciting experiences to ordinary students. Everyone will be able to easily understand that this program was successful once they have read the students' activity reports.

We, RGU, are determined to continue this program. Consultation on this international education program is being conducted with the related schools. We firmly believe that veterinarians who carry the future of Asia will be fostered through continuous programs. Continuation produces "hope." Finally, I greatly appreciate the support and cooperation of all the parties concerned.

Tanu Pinyopummintr
Associate Dean (International Affairs)
Faculty of Veterinary Medicine
Kasetsart University

Everything has to come to an end. This is the final year of a 4-year Collaboration of Veterinary Education between Japan and Thailand (CVJET) under the ASEAN International Mobility for Students (AIMS) Programme. Retrospectively, there have been so much evolution and enrichment gained from this project for involved personnel. International student exchange activity with credit transfer has been encouraged among higher educational institutions for years. Nonetheless, CVJET-AIMS project was a novel experience for all parties involved. 'Change' has often appeared in rhetoric address and talk at various academic arenas; however, to implement 'Change' has frequently proved challenging among academic staffs. Swift evolution of generation values under globalization and advanced communication technology accentuate the urgent necessity for veterinary students to develop proper attitude and character required for professional. Therefore, 'Change', particularly on aptitude and perspective, has been a very welcoming outcome, clearly detected from CVJET-AIMS participated students. Henceforth, the CVJET-AIMS project has paved way for partner institutions to continue embrace on future changes and challenges and for involved students, their veterinary career endeavor.

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Rakuno Gakuen University

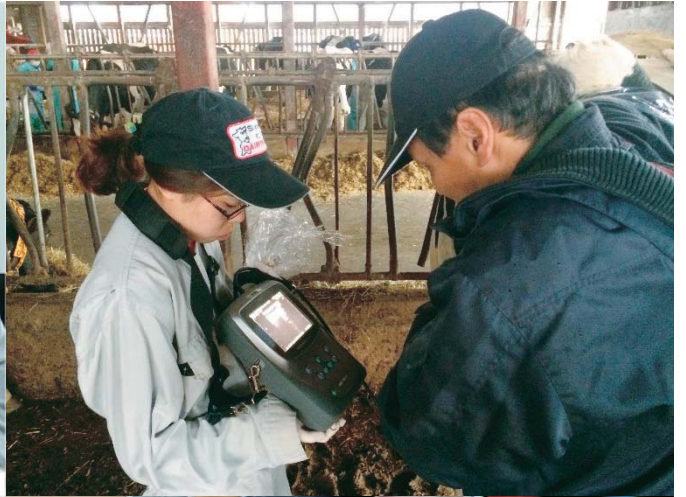
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Aim

To eradicate animal infectious diseases and zoonoses, ensure food safety and security, and development sophisticated clinical techniques, there is a moral imperative for veterinary science to be actively engaged in education to foster talented human resources who can contribute to meeting these challenges related to complicated and interconnected issues in Asia.

An effective way to nurture such human resources by veterinary education institutions is through strategic alliance in consortia and with other networks.

Therefore, the veterinary education institutions do enter into a covenant to form a consortium and work together, Japan and Thailand. The funding is provided by the Ministry of Education, Culture, Sports, Science & Technology of Japan from November 2013 to March 2018 under the ASEAN International Mobility for Students (AIMS) Programme.



What is CVE Consortium?

The CVE (Collaboration of Veterinary Education) Consortium is a network of committed veterinary education institutions, which fosters human resources with competencies that are essential for developing practical solutions to issues concerning the veterinary sciences. The CVE Consortium comprises the veterinary schools of Hokkaido University, the University of Tokyo, and Rakuno Gakuen University in Japan and Kasetsart University and Chulalongkorn University in Thailand, which are all leading academic institutions possessing strong education and research experiences in the development of the veterinary sciences and offering graduate coursework in these fields.



Student Exchange Activities

The universities in the CVE Consortium shall implement the exchange of students between Japan and Thailand as follows:

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1. The universities shall each year accept and send the following numbers of students from and to each other:
Hokkaido University (10 students), the University of Tokyo (5 students), Rakuno Gakuen University (10 students), Kasetsart University, and Chulalongkorn University (total 25 students). However, the actual number of students exchanged will be determined each year by mutual consultation in advance.

 2. The students participating in the exchange program shall be selected initially by the home university, and the host university will make final admission decisions in each case.

 3. The period of enrollment of the students at the host university shall not exceed the term decided by the home university.

 4. The host university shall waive fees for admission and tuition for the students from the other member universities.

 5. Travel expenses, cost of living, or other necessary expenses incurred by the students shall be the responsibilities of the individual students or their sponsors. This shall not preclude the application of scholarships from independent institutions to cover such expenses.

 6. The field of study for each student shall be such that the host university provides appropriate courses for study.
The advisors staying in Hokkaido University and Kasetsart University shall provide advice to students.

 7. In order to carry out the study abroad period successfully, each student shall possess the level of language ability requested by the host university to complete the appropriate courses of study.

 8. Participating students shall continue as candidates for degrees at their home university.

 9. Each university shall agree to provide to the other documentation of course work completed by participating students and appropriate academic information on their performance. The course instructors responsible for courses evaluate students with the evaluation sheet of the host university. The host university certifies the enrollment of the course under the AIMS program and reports the evaluation result to the home university. Units passed at the host university can be accepted for credit at the home university.

 10. The host university shall assist the students in finding adequate housing on or near the campus.

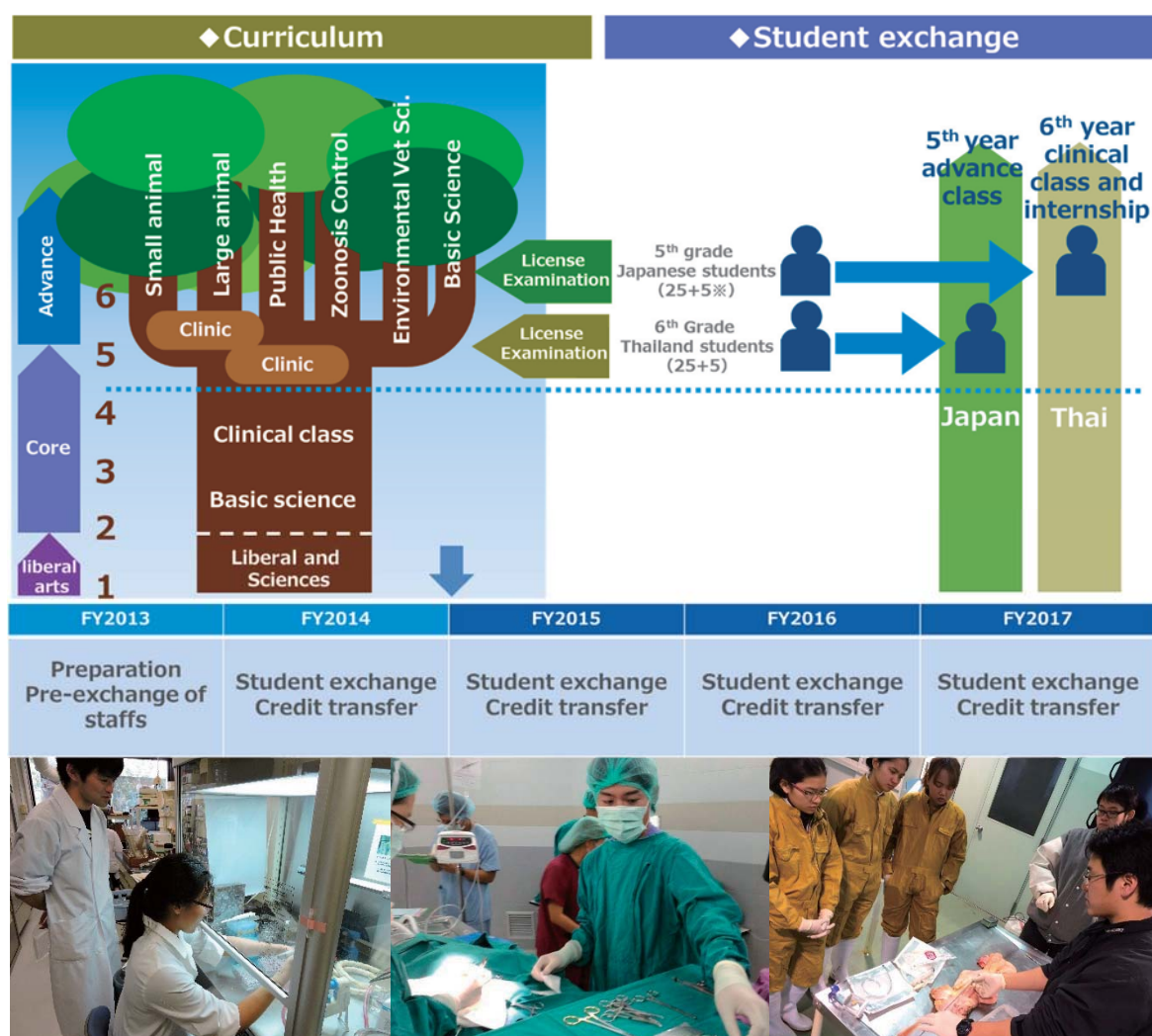
 11. To be eligible to participate in the exchange program, students must purchase the health insurance required by the host institution. The cost of any health insurance required, as well as any medical expenses not covered by such insurance, shall be the personal responsibility of the exchange students.

 12. During the period of the student's stay at the host university, the host and home universities must work in cooperation with each other to ensure the safety of students in a state of emergency.
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Program

This program is designed to give advanced veterinary medical education to the undergraduate 5th or 6th year students who have already taken the core veterinary education. The veterinary core curriculum consists of basic, pathology, applied and basic clinical veterinary medical courses. The advanced veterinary courses are required and/or elective courses which students are able to learn in a small group with high qualities. The advanced veterinary courses are professional veterinary medical courses consisting of clinical rotations in the animal hospital, field practice for veterinary science and research practices for the veterinary science, which are able to learn techniques and competencies of biomedical sciences as a researcher.





Course / Class

Hokkaido University

- Advanced Seminar in Veterinary Clinics [Small Animals I]
- Advanced Seminar in Veterinary Clinics [Small Animals II]
- Advanced Seminar in Veterinary Clinics [Large Animals and Clinical Pathology I]
- Advanced Seminar in Veterinary Clinics [Large Animals and Clinical Pathology II]
- Advanced Seminar in Research Laboratory Rotation I
- Advanced Seminar in Research Laboratory Rotation II

Rakuno Gakuen University

- Clinical Rotation in Livestock Animal Medicine
- Veterinary Hospital Training Course
- Advanced Hygiene and Environmental Science I

The University of Tokyo

- Practice of Pathology (Diagnostic Pathology)
- Practice of Virology and Immunology
- Practice of Veterinary Public Health
- Practice of Food Hygiene
- Rotated Practice of Small Animal Surgery
- Rotated Practice of Small Animal Internal Medicine

Kasetsart University

- Clinical Practice in Farm Animals
- Clinical Practice in Farm Animals II
- Clinical practice in Microbiology II
- Clinical practice in Epidemiology
- Clinical practice in Large Animals
- Clinical practice in Ruminants and Wildlife
- Special Clinical Practice in Small Animal

CVEJT Committee Members

【Hokkaido University】

Dean Motohiro HORIUCHI (Member of International Steering Committee)
 Seiji KATAGIRI
 Yasuhiro KON (Member of International Steering Committee)
 Mitsuyoshi TAKIGUCHI
 Masahiro OKUMURA
 Mayumi ISHIZUKA
 Yoshihiro SAKODA
 Satoshi TAKAGI
 Yoshinori IKENAKA
 Ryo NAKAO
 Keisuke AOSHIMA

【Rakuno Gakuen University】

Dean Shin OIKAWA (Member of International Steering Committee)
 Kazuto YAMASHITA (Member of International Steering Committee)
 Katsuro HAGIWARA (Member of International Steering Committee)
 Tsuyoshi KADOSAWA
 Hiroshi UENO
 Ken NAKADA
 Hidetoshi HIGUCHI
 Kohei MAKITA

【The University of Tokyo】

Head Kei-ichiro MAEDA (Member of International Steering Committee)
 Hiroyuki NAKAYAMA (Member of International Steering Committee)
 Shigeru KYUWA
 Ryohei NISHIMURA
 Taisuke HORIMOTO
 Yoshiakira KANAI
 Takeshi HAGA
 Kazuhiro HIRAYAMA
 Tomohiro YONEZAWA
 Masaki KUWAHARA
 Takayuki NAKAGAWA

【Kasetsart University】

Dean Khongsak THIANGTUM (Member of International Steering Committee)
 Tanu PINYOPUMMINTR (Member of International Steering Committee)
 Pariwat POOLPERM
 Suporn THONGYUAN
 Theera RUKKWAMSUK
 Visanu BOONYAWIWAT
 Chalermkiat SAENGTHONGPINIT
 Kaitkanoke SIRINARUMITR
 Nirut SUWANNA

【Administrative Staff】

Natsumi TAKAHASHI (Hokkaido University)
Toshie NAKAI (Rakuno Gakuen University)
Miyuki ITO (The University of Tokyo)

Program Contents, A.Y. 2016 and before

HU = Hokkaido University
 RGU = Rakuno Gakuen University
 UT = The University of Tokyo
 KU = Kasetsart University (Thailand)

Event	Date / Term	Place	Participant
National Steering Committee in Japan	A. Y. 2013 1st National Steering Committee	2013/12/6	Hokkaido University
	A. Y. 2015 1st National Steering Committee	2015/8/6	TV conference
	A. Y. 2015 2nd National Steering Committee	2015/12/15	TV conference
			Shigeo Ito (HU)
			Mayumi Ishizuka (HU)
			Kazuhiko Ohashi (HU)
			Akira Terao (HU)
			Hiroto Kato (HU)
			Yoshinori Ikenaka (HU)
			Seiji Katagiri (RGU)
			Katsuro Hagiwara (RGU)
			Kazuto Yamashita (RGU)
			Kohei Makita (RGU)
			Hidetomo Iwano (RGU)
			Hirofumi Nakayama (UT)
			Ryohei Nishimura (UT)
			Mayumi Ishizuka (HU)
			Kazuhiko Ohashi (HU)
			Toshio Tsubota (HU)
			Seiji Katagiri (HU)
			Mitsuyoshi Takiguchi (HU)
			Hiroto Kato (HU)
			Yuki Hoshino (HU)
			Nobuki Nishimura (HU)
			Masafumi Nishimura (HU)
			Haruka Suzuki (HU)
			Kaname Koza (HU)
			Natsumi Takahashi (HU)
			Michiko Ohtake (HU)
			Kazushige Takehana (RGU)
			Yutaka Tamura (RGU)
			Katsuro Hagiwara (RGU)
			Tetsuya Nakade (RGU)
			Kohei Makita (RGU)
			Shigeru Urushihara (RGU)
			Taichi Asai (RGU)
			Takayuki Nagata (RGU)
			Akiko Shinohara (RGU)
			Naomi Uemori (RGU)
			Hirofumi Nakayama (UT)
			Takeshi Haga (UT)
			Yoshiakira Kanai (UT)
			Shigeru Kyuwa (UT)
			Kazuhiro Hirayama (UT)
			Kenji Otsuki (UT)
			Chihiro Saiki (UT)
			Miyuki Ito (UT)
			Mayumi Ishizuka (HU)
			Kazuhiko Ohashi (HU)
			Toshio Tsubota (HU)
			Seiji Katagiri (HU)
			Mitsuyoshi Takiguchi (HU)
			Masahiro Okumura (HU)
			Hiroto Kato (HU)
			Nobuki Nishimura (HU)
			Naohiro Ikehata (HU)
			Masafumi Nishimura (HU)
			Haruka Suzuki (HU)
			Yoshihiko Kikukawa (HU)
			Natsumi Takahashi (HU)
			Michiko Ohtake (HU)
			Yutaka Tamura (RGU)
			Katsuro Hagiwara (RGU)
			Kohei Makita (RGU)
			Hiroshi Ueno (RGU)
			Naomi Uemori (RGU)
			Kei-ichiro Maeda (UT)
			Takeshi Haga (UT)
			Yoshiakira Kanai (UT)
			Shigeru Kyuwa (UT)
			Ryohei Nishimura (UT)

Program Contents, A.Y. 2016 and before

HU = Hokkaido University
RGU = Rakuno Gakuen University
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Event	Date / Term	Place	Participant
National Steering Committee in Japan	A. Y. 2016 1st National Steering Committee	2016/4/11	Mayumi Ishizuka (HU) Kazuhiko Ohashi (HU) Seiji Katagiri (HU) Nobuki Nishimura (HU) Naohiro Ikehata (HU) Masafumi Nishimura (HU) Haruka Suzuki (HU) Natsumi Takahashi (HU) Miho Hirakawa (HU) Yutaka Tamura (RGU) Katsuro Hagiwara (RGU) Toshie Nakai (RGU) Hiroyuki Nakayama (UT) Kei-ichiro Maeda (UT) Takeshi Haga (UT) Kazuhiro Hirayama (UT) Miyuki Ito (UT)
	A. Y. 2016 2nd National Steering Committee	2016/8/26	TV conference Mutsumi Inaba (HU) Mayumi Ishizuka (HU) Seiji Katagiri (HU) Haruka Suzuki (HU) Natsumi Takahashi (HU) Miho Hirakawa (HU) Yutaka Tamura (RGU) Katsuro Hagiwara (RGU) Kohei Makita (RGU) Toshie Nakai (RGU) Kei-ichiro Maeda (UT) Taisuke Horimoto (UT) Yoshiakira Kanai (UT) Takeshi Haga (UT) Kazuhiro Hirayama (UT) Miyuki Ito (UT)
	A. Y. 2016 3rd National Steering Committee	2016/12/20	TV conference Mutsumi Inaba (HU) Mayumi Ishizuka (HU) Kazuhiko Ohashi (HU) Seiji Katagiri (HU) Mitsuyoshi Takiguchi (HU) Masahiro Okumura (HU) Keisuke Aoshima (HU) Nomuki Nishimura (HU) Yumiko Saito (HU) Naohiro Ikehata (HU) Haruka Suzuki (HU) Natsumi Takahashi (HU) Miho Hirakawa (HU) Katsuro Hagiwara (RGU) Kohei Makita (RGU) Toshie Nakai (RGU) Hiroyuki Nakayama (UT) Taisuke Horimoto (UT) Yoshiakira Kanai (UT) Takeshi Haga (UT) Kazuhiro Hirayama (UT) Miyuki Ito (UT)

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HU = Hokkaido University
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Event	Date / Term	Place	Participant
International Steering Committee	Kickoff Symposium	Kasetsert University	Mutsumi Inaba (HU)
			Mayumi Ishizuka (HU)
			Kazuhiko Ohashi (HU)
			Mitsuyoshi Takiguchi (HU)
			Masahiro Okumura (HU)
			Akira Terao (HU)
			Hiroto Kato (HU)
			Kenji Hosoya (HU)
			Yoshinori Ikenaka (HU)
			Yutaka Tamura (RGU)
			Seiji Katagiri (RGU)
			Katsuro Hagiwara (RGU)
			Kazuto Yamashita (RGU)
			Hidetomo Iwano (RGU)
			Kei-ichiro Maeda (UT)
			Shigeru Kyuwa (UT)
			Yoshiakira Kanai (UT)
			Kazuhiro Hirayama (UT)
			Natsuko Kamiya (UT)
			Midori Yoneyama (UT)
			Apinun Suprasert (KU)
			Tanu Pinyopummintr (KU)
			Patamabhorn Amavisit (KU)
			Chalermpol Lekcharoensuk (KU)
			Anuchai Pinyopummin (KU)
			Chalermpol Lekcharoensuk (KU)
			Pipat Arunvipas (KU)
			Suwicha Kasemsuwan (KU)
			Visanu Boonyaviwat (KU)
			Pornitpa Lekcharoensuk (KU)
			Porchai Santithiseree (KU)
			Jaturong Wongsanit (KU)
			Montri Pattarapanawean (KU)
			Suporn Thongyuan (KU)
			Tarin Plukebamrung (KU)
			Papinya Iamsam-ang (KU)
			Taradon Luangtongkum (CU)
			Alongkorn Amonsin (CU)
			Anudep Rungsipipat (CU)
			Sarinee Kalandakanond Thongsong (CU)
			Sudson Sirivaidyapong (CU)
	A. Y. 2013 1st International Steering Committee	Hokkaido University	Shigeo Ito (HU)
			Mutsumi Inaba (HU)
			Kazuhiko Ohashi (HU)
			Masahiro Okumura (HU)
			Akira Terao (HU)
			Yoshinori Ikenaka (HU)
			Yutaka Tamura (RGU)
			Seiji Katagiri (RGU)
			Kazuto Yamashita (RGU)
			Katsuro Hagiwara (RGU)
			Kohei Makita (RGU)
			Hidetomo Iwano (RGU)
			Hiroyuki Nakayama (UT)
			Kei-ichiro Maeda (UT)
			Ryohei Nishimura (UT)
			Shigeru Kyuwa (UT)
			Takeshi Haga (UT)
			Tanu Pinyopummintr (KU)
			Patamabhorn Amavisit (KU)
			Chalermpol Lekcharoensuk (KU)
			Pipat Arunvipas (KU)
			Taradon Luangtongkum (CU)
			Sudson Sirivaidyapong (CU)
			Alongkorn Amonsin (CU)
			Roongroje Thanawongnuwech (CU)

Program Contents, A.Y. 2016 and before

HU = Hokkaido University
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KU = Kasetsart University (Thailand)

Event		Date / Term	Place	Participant
International Steering Committee	A. Y. 2014 1st International Steering Committee	2014/5/23	TV conference	Mayumi Ishizuka (HU)
				Akemi Omori (HU)
				Mika Kimura (HU)
				Masafumi Nishimura (HU)
				Haruka Suzuki (HU)
				Natsumi Takahashi (HU)
				Michiko Ohtake (HU)
				Ayako Kato (HU)
				Seiji Katagiri (RGU)
				Katsuro Hagiwara (RGU)
				Kazuto Yamashita (RGU)
				Kohei Makita (RGU)
				Hidetomo Iwano (RGU)
				Mami Ito (RGU)
				Kei-ichiro Maeda (UT)
				Shigeru Kyuwa (UT)
				Takeshi Haga (UT)
				Ryohei Nishimura (UT)
				Yoshiakira Kanai (UT)
				Natsuko Kamiya (UT)
				Tanu Pinyopummintr (KU)
	A. Y. 2014 Evaluation and Planning Meeting	2015/1/7, 2015/1/19~1/23	Hokkaido University 1/7, 1/19~1/21 Rakuno Gakuen University 1/22~1/23	Shigeo Ito (HU)
				Mutsumi Inaba (HU)
				Mayumi Ishizuka (HU)
				Kazuhiko Ohashi (HU)
				Mitsuyoshi Takiguchi (HU)
				Masahiro Okumura (HU)
				Akira Terao (HU)
				Hiroto Kato (HU)
				Yoshinori Ikenaka (HU)
				Akemi Omori (HU)
				Mika Kimura (HU)
				Haruka Suzuki (HU)
				Masafumi Nishimura (HU)
				Natsumi Takahashi (HU)
				Michiko Ohtake (HU)
				Yutaka Tamura (RGU)
				Seiji Katagiri (RGU)
				Katsuro Hagiwara (RGU)
				Kazuto Yamashita (RGU)
				Kohei Makita (RGU)
				Hidetomo Iwano (RGU)
				Naomi Uemori (RGU)
				Hiroyuki Nakayama (UT)
				Kei-ichiro Maeda (UT)
				Shigeru Kyuwa (UT)
				Ryohei Nishimura (UT)
				Takeshi Haga (UT)
				Yoshiakira Kanai (UT)
				Kazuhiro Hirayama (UT)
				Jyunji Oshima (UT)
				Chihiro Saiki (UT)
				Apinun Suprasert (KU)
				Tanu Pinyopummintr (KU)
				Aksorn Saengtienchai (KU)
				Patamabhorn Amavisit (KU)
				Pariwat Poolperm (KU)
				Waraphon Phimprapai (KU)
				Pipat Arunvipas (KU)
				Visanu Boonyaviwat (KU)
				Chalermkiat Saengthongpinit (KU)
				Chalermpol Lekcharoensuk (KU)

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HU = Hokkaido University
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Event	Date / Term	Place	Participant
International Steering Committee	A. Y. 2015 Evaluation and Planning Meeting	2016/1/12~1/13	Hokkaido University
	Approval to the transferred credit of participated students A. Y. 2015	2016/5/8	E-mail conference
	Approval to the applied students for student exchange program A. Y. 2016	2016/5/8	E-mail conference
			Mutsumi Inaba (HU) Mayumi Ishizuka (HU) Kazuhiko Ohashi (HU) Seiji Katagiri (HU) Mitsuyoshi Takiguchi (HU) Masahiro Okumura (HU) Hirotomo Kato (HU) Nobuki Nishimura (HU) Kaname Koza (HU) Masafumi Nishimura (HU) Haruka Suzuki (HU) Yoshihiko Kikukawa (HU) Natsumi Takahashi (HU) Michiko Ohtake (HU) Yutaka Tamura (RGU) Katsuro Hagiwara (RGU) Kohei Makita (RGU) Hidetomo Iwano (RGU) Kazuto Yamashita (RGU) Hiroshi Ueno (RGU) Naomi Uemori (RGU) Hiroyuki Nakayama (UT) Kei-ichiro Maeda (UT) Takeshi Haga (UT) Ryohei Nishimura (UT) Taisuke Horimoto (UT) Tanu Pinyopummintr (KU) Pariwat Poolperm (KU) Narin Upragarin (KU) Suporn Thongyuan (KU) Pipat Arunvipas (KU) Visanu Boonyawiwat (KU) Chalermkiat Saengthongpinit (KU) Nirut Suwanna (KU) Theerapol Sirinarumitr (KU)
			Mutsumi Inaba (HU) Kazuhiko Ohashi (HU) Mayumi Ishizuka (HU) Yutaka Tamura (RGU) Katsuro Hagiwara (RGU) Kazushige Takehana (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Apinun Suprasert fvetais (KU) Patamabhorn Amavisit (KU) Tanu Pinyopummintr (KU)
			Mutsumi Inaba (HU) Mayumi Ishizuka (HU) Kazuhiko Ohashi (HU) Yutaka Tamura (RGU) Katsuro Hagiwara (RGU) Kazushige Takehana (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Apinun Suprasert fvetais (KU) Tanu Pinyopummintr (KU) Patamabhorn Amavisit (KU)

Program Contents, A.Y. 2016 and before

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 RGU = Rakuno Gakuen University
 UT = The University of Tokyo
 KU = Kasetsart University (Thailand)

Event	Date / Term	Place	Participant
International Steering Committee	A. Y. 2016 Evaluation and Planning Meeting	2017/1/16~1/17	Hokkaido University
			Mutsumi Inaba (HU)
			Mayumi Ishizuka (HU)
			Kazuhiko Ohashi (HU)
			Toshio Tsubota (HU)
			Seiji Katagiri (HU)
			Mitsuyoshi Takiguchi (HU)
			Masahiro Okumura (HU)
			Ryo Nakao (HU)
			Yoshinori Ikenaka (HU)
			Yuki Hoshino (HU)
			Keisuke Aoshima (HU)
			Jumpei Yamazaki (HU)
			Nobuki Nishimura (HU)
			Naohiro Ikehata (HU)
			Yumiko Saito (HU)
			Haruka Suzuki (HU)
			Yoshihiko Kikukawa (HU)
			Natsumi Takahashi (HU)
			Miho Hirakawa (HU)
			Katsuro Hagiwara (RGU)
			Kazuto Yamashita (RGU)
			Kohei Makita (RGU)
			Toshie Nakai (RGU)
			Kei-ichiro Maeda (UT)
			Hirofumi Nakayama (UT)
			Ryohei Nishimura (UT)
			Taisuke Horimoto (UT)
			Takeshi Haga (UT)
			Kazuhiro Hirayama (UT)
			Tanu Pinyopummintr (KU)
			Suporn Thongyuan (KU)
			Theera Rukkwamsuk (KU)
			Visanu Boonyawiwat (KU)
			Chalermkiat Saengthongpinit (KU)
			Nirut Suwanna (KU)
			Theerapol Sirinarumitr (KU)
			Pariwat Poolperm (KU)
			Suwicha Kasemsuwan (KU)
			Pipat Arunvipas (KU)
AIMS Meeting in Japan	A. Y. 2013 2nd AIMS Program Meeting	2014/1/21	Tokyo, Japan
	AIMS program Symposium	2014/2/21	University of Tsukuba, Tokyo campus
			Mayumi Ishizuka (HU)
	A. Y. 2014 1st AIMS Program Meeting and Symposium	2014/7/30	Kyoto, Japan
	A. Y. 2014 2nd AIMS Program Meeting	2014/11/25	University of Tsukuba, Tokyo campus
			Masafumi Nishimura (HU)
	A. Y. 2014 2nd AIMS Program Meeting and Symposium	2015/2/13	Tokyo, Japan
			Kei-ichiro Maeda (UT)
AIMS Review Meeting	7th Review meeting of the AIMS programme	2014/5/6~5/10	Manila, Philippines
	8th Review meeting of the AIMS programme	2014/12/1~12/2	Brunei Darussalam
	9th Review Meeting of the AIMS programme	2015/10/22~10/23	Tsukuba, Japan
			Mayumi Ishizuka (HU)
	10th Review Meeting of the AIMS programme	2016/11/14~11/16	Kuala Lumpur, Malaysia
			Seiji Katagiri (HU)
MEXT	Mid-term Evaluation	2015/10/9	MEXT Tokyo, Japan

Program Contents, A.Y. 2016 and before

HU = Hokkaido University
RGU = Rakuno Gakuen University
UT = The University of Tokyo
KU = Kasetsart University (Thailand)

Event	Date / Term	Place	Participant
Student Exchange Program	Japanese Students	Kasetsart University	7 students from HU
			13 students from RGU
			6 students from UT
			3 students from HU
			10 students from RGU
			7 students from UT
			7 students from HU
	Thai Students	Kasetsart University	10 students from RGU
			7 students from UT
			7 students from HU
			10 students from RGU
			7 students from UT
			7 students from HU
			10 students from RGU
			7 students from UT
	Accompanying Teaching Staff	Kasetsart University	20 students from KU
			5 students from KU
			20 students from KU
			5 students from KU
			20 students from KU
			3 students from KU
			3 students from KU
	Accompanying Teaching Staff	Kasetsart University	Akira Terao (HU)
			Hidetomo Iwano (RGU)
			Katsuro Hagiwara (RGU)
			Keisuke Aoshima (HU)
			Tetsuya Nakade (RGU)
			Yuki Hoshino (HU)
			Hazuki Mizukawa (HU)
	Accompanying Teaching Staff	Kasetsart University	Sangho Kim (HU)
			Yojo Yanagawa (HU)
			Masahiro Okumura (HU)
			Yoshinori Ikenaka (HU)
			Seiji Katagiri (RGU)
			Hiroto Kato (HU)
			Mayumi Ishizuka (HU)
	Accompanying Teaching Staff	Kasetsart University	James Chambers (UT)
			Tomohiro Yonezawa (UT)
			Tanu Pinyopummintr (KU)
			(stayed at UT with another purpose)
			Tanu Pinyopummintr (KU)
			Jatuporn Noosud (KU)
			Kannitha Phetudomsinsuk (KU)
	Accompanying Teaching Staff	Kasetsart University	Nirut Suwanna (KU)
			Kriangkrai Witoonsatian (KU)
			Kei-ichiro Maeda (UT)
			Kazuhiro Hirayama (UT)
			Tomohiro Yonezawa (UT)
			Keisuke Aoshima (HU)
			Hiroshi Ueno (RGU)
	Accompanying Teaching Staff	Kasetsart University	Jun Noda (RGU)
			Junpei Yamazaki (HU)
			Kazuyuki Suzuki (RGU)
			Seiji Katagiri (HU)
			Manakorn Sukmak (KU)
			Wandee Thiangtum (KU)
			Tanu Pinyopummintr (KU)
	Accompanying Teaching Staff	Kasetsart University	Wijit Sutthiprapa (KU)
			Arsooth Sanguankiat (KU)
			Somchai Sajjapitak (KU)
			Tanyalak Khuntamoon (KU)
			Tanu Pinyopummintr (KU)
			Rungrueang Yodsheewan (KU)
			Shin Murakami (UT)
	Accompanying Teaching Staff	Kasetsart University	Katsuro Hagiwara (RGU)
			Hazuki Mizukawa (HU)
			Chambers James (UT)
			Keisuke Aoshima (HU)
			Kohei Makita (RGU)
			Seiji Katagiri (HU)
			Hiroshi Ueno (RGU)
	Accompanying Teaching Staff	Kasetsart University	Nantawan Yabantoong (KU)
			Kaitkanoke Sirinarumintr (KU)
			Tanu Pinyopummintr (KU)
			Phudit Manesaay (KU)
			Chalalai Rueanghiran (KU)
			Natthana Thitichayaphong (KU)
			Tanu Pinyopummintr (KU)
	Accompanying Teaching Staff	Kasetsart University	Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)
			Sangchai Yingsakmongkon (KU)

Program Contents, A.Y. 2016 and before

HU = Hokkaido University
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Event		Date / Term	Place	Participant
Student Exchange Program	Visiting / Meeting	2014/3/15~3/18	Chulalongkorn University	Mitsuyoshi Takiguchi (HU)
				Mayumi Ishizuka (HU)
				Masashi Nagano (HU)
		2014/1/27~1/30	Kasetsart University	Satoshi Takagi (HU)
				Kensuke Nakamura (HU)
				Keitaro Morishita (HU)
				Ryosuke Echigo (HU)
		2014/2/3~2/6	Hokkaido University and Rakuno Gakuen University	Jatuporn Noosud (KU)
				Chaithep Poolkhet (KU)
				Kriangkrai Witoonsatian (KU)
				Kiattisak Tancharoen (KU)
		2014/2/16~2/19	Kasetsart University	Kota Sato (HU)
				Hiroshi Ohta (HU)
				Yuki Hoshino (HU)
				Takaharu Itami (HU)
		2014/3/17~3/20	Hokkaido University and Rakuno Gakuen University	Jedee Temwichitr (KU)
				Suporn Thongyuan (KU)
				Pichai Jirawattanapong (KU)
				Jaturong Wongsanit (KU)

Program Contents, A.Y. 2017

HU = Hokkaido University
 RGU = Rakuno Gakuen University
 UT = The University of Tokyo
 KU = Kasetsart University (Thailand)

Event	Date / Term	Place	Participant
National Steering Committee in Japan	1st National Steering Committee	2017/4/13	TV conference
			Seiji Katagiri (HU) Motohiro Horiuchi (HU) Yasuhiro Kon (HU) Yoshihiro Sakoda (HU) Mitsuyoshi Takiguchi (HU) Mayumi Ishizuka (HU) Ryo Nakao (HU) Yoshinori Ikenaka (HU) Keisuke Aoshima (HU) Naoki Inoue (HU) Naohiro Ikehata (HU) Yumiko Saito (HU) Haruka Suzuki (HU) Natsumi Takahashi (HU) Katsuro Hagiwara (RGU) Kazuto Yamashita (RGU) Hiroshi Ueno (RGU) Kohei Makita (RGU) Toshie Nakai (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Kazuhiro Hirayama (UT) Taisuke Horimoto (UT) Takeshi Haga (UT) Miyuki Ito (UT)
	2nd National Steering Committee	2018/1/10	TV conference
			Motohiro Horiuchi (HU) Seiji Katagiri (HU) Yasuhiro Kon (HU) Mitsuyoshi Takiguchi (HU) Masahiro Okumura (HU) Yoshihiro Sakoda (HU) Yoshinori Ikenaka (HU) Ryo Nakao (HU) Keisuke Aoshima (HU) Naoki Inoue (HU) Naohiro Ikehata (HU) Yumiko Saito (HU) Katsuro Hagiwara (RGU) Kazuto Yamashita (RGU) Junpei Fujiki (RGU) Toshie Nakai (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Kazuhiro Hirayama (UT) Taisuke Horimoto (UT) Takeshi Haga (UT) Miyuki Ito (UT)
International Steering Committee	Approval to the transferred credit of participated students A.Y. 2016	2017/5/19	E-mail conference * including the International steering committee members in A.Y. 2016
			Motohiro Horiuchi (HU) Yasuhiro Kon (HU) Mutsumi Inaba (HU) Kazuhiko Ohashi (HU) Seiji Katagiri (HU) Mayumi Ishizuka (HU) Shin Oikawa (RGU) Takio Kitazawa (RGU) Kazuto Yamashita (RGU) Katsuro Hagiwara (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Apinun Suprasert fvetais (KU) Patamabhorn Amavisit (KU) Tanu Pinyopummintr (KU)
	Approval to the applied students for student exchange program A.Y. 2017	2017/5/24	E-mail conference
			Motohiro Horiuchi (HU) Yasuhiro Kon (HU) Seiji Katagiri (HU) Shin Oikawa (RGU) Kazuto Yamashita (RGU) Katsuro Hagiwara (RGU) Kei-ichiro Maeda (UT) Hiroyuki Nakayama (UT) Apinun Suprasert fvetais (KU) Tanu Pinyopummintr (KU)

Program Contents, A.Y. 2017

HU = Hokkaido University
 RGU = Rakuno Gakuen University
 UT = The University of Tokyo
 KU = Kasetsart University (Thailand)

Event	Date / Term	Place	Participant
International Steering Committee	A. Y. 2017 Evaluation and Planning Meeting	Hokkaido University	Motohiro Horiuchi (HU)
			Seiji Katagiri (HU)
			Yasuhiro Kon (HU)
			Mitsuyoshi Takiguchi (HU)
			Masahiro Okumura (HU)
			Mayumi Ishizuka (HU)
			Yoshihiro Sakoda (HU)
			Ryo Nakao (HU)
			Yoshinori Ikenaka (HU)
			Keisuke Aoshima (HU)
			Naoki Inoue (HU)
			Naohiro Ikehata (HU)
			Yumiko Saito (HU)
			Juri Tsushima (HU)
			Yuta Sukegawa (HU)
			Kazuto Yamashita (RGU)
			Katsuro Hagiwara (RGU)
			Kohei Makita (RGU)
			Toshie Nakai (RGU)
			Kei-ichiro Maeda (UT)
			Ryoppei Nishimura (UT)
			Takeshi Haga (UT)
			Kazuhiro Hirayama (UT)
			Shinichi Sekizawa (UT)
			Khongsak Thiangtum (KU)
			Tanu Pinyopummintr (KU)
			Pariwat Poolperm (KU)
			Theera Rukkwamsuk (KU)
			Kaitkanoke Sirinarumitr (KU)
			Suporn Thongyuan (KU)
			Somchai Sajapitak (KU)
			Narut Thanantong (KU)
Student Exchange Program	Japanese Students	Kasetsart University	4 students from HU
			15 students from RGU
	Thai Students	Hokkaido University and Rakuno Gakuen University	8 students from UT
			15 students from KU
	Accompanying Teaching Staff	The University of Tokyo	5 students from KU
			Kazuhiro Hirayama (UT)
		Kasetsart University	Yojiro Yanagawa (HU)
			Kohei Makita (RGU)
			Shinichi Sekizawa (UT)
			Jumpei Fujiki (RGU)
			Keisuke Aoshima (HU)
			Katsuro Hagiwara (RGU)
			Ryo Nakao (HU)
			Worakij Cherdchutham (KU)
			Wanchart Yippadit (KU)
			Tanu Pinyopummintr (KU)
			Nuananong Sinwat (KU)
			Pornnipa Lekcharoensuk (KU)
			Kansuda Leelahapongsathon (KU)
			Tanu Pinyopummintr (KU)
			Pornnipa Lekcharoensuk (KU)
		The University of Tokyo	Seiji Katagiri (HU)
			Motohiro Horiuchi (HU)
	Visiting / Meeting	Kasetsart University	Noboru Sasaki (HU)
			Natsumi Takahashi (HU)

MASAKI TAKEHARA
ARISA YAMADA
YUKARI ITAKURA
AOZORA YAMASHITA

2017 AIMS Activity Report in Thailand

Name	Masaki Takehara	
Home University	Hokkaido University	
Period of time	16 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

世界展開力強化事業での3か月間のタイ派遣を終えたので、その活動についてまとめたいと思う。この3か月間は新しい経験の連続で、私の学生生活の中で最も有意義で思い出深い3か月になった。

私がこのプログラムに参加した動機は、第一に臨床実習の機会を得たかったからであった。日本では馬や豚、鶏などの実習は難しく、実際に私はタイに行くまで養豚場や養鶏場を訪れた経験はなかった。酪農家でさえも、北海道で学んでいながら、数件見学した程度であり、授業で学んだ知識には実感が伴っていなかった。そのためタイでは獣医学部での勉学のまとめとして、直に農場を見て動物を触って、これまで学んだ知識に色をつけることを大きな目標とした。2つ目の動機は国外の獣医医療、畜産業の現状を知りたかったからである。私はもともと国際協力の分野に関心があり、感染症の制御を通して人と動物の健康に貢献したいと考え獣医師を志した。私にとってこのプログラムは国外の獣医医療をじっくり見ることができ、さらにそれに参加できる素晴らしい機会であった。最後にもう一つの動機として、異文化を学び、異なるバックグラウンドをもつ同世代の友人を得たかったからであった。自分が最初に掲げていたこれらの目的を念頭にこの3か月間を振り返りたいと思う。



〈到着後、寮の前で〉

〈クリニカルローテーション〉

我々北海道大学から派遣された学生は3か月の期間すべてをカンペンセンキャンパスを拠点として過ごし、前半の6週間でSwine, Poultry, AquaticからなるFood animal unit、後半の6週間でBovine, Wild life, EquineからなるLarge animal unitのクリニカルローテーションに参加した。グループはタイ人学生7名に日本人学生3名が加わった10名（後半から酪農学園大の学生1名を加えた）で、3か月間同じメンバーで行動を共にした。

○ Food animal

前半の6週間の各ユニットの流れは似ていて、学外の農場を訪れるFarm visitと検体が運ばれてきた際のNecropsyを何件か行い、その合間に講義や課題発表があるといったものであった。講義では復習をかねて、それぞれが割り当てられたトピックについて発表したり、あるケースについてディスカッションをしたりと、少人数で濃い勉強ができた。農場ではこれまでのデータと農場主の話から問題点を洗い出し、視察やサンプリング、ときには病理解剖からその原因を診断し、治療やアドバイスを行う、という流れを実習した。それらのステップは班員で話し合いながら学生が主体的に進めることが求められ、レポートを作成し週末に先生にプレゼンテーションをするというのが常だった。これはNecropsyについても同様で、学生が主体で解剖、サンプリング、検査依頼を行う。その結果を統合して診断を下し、それを発表してフィードバックをもらい、さらに磨きをかけるというプロセスが毎週行われた。昼は講義や実習、夜は遅くまで発表の準備やディスカッションを行う、というハードなものだったが、大変勉強になった。豚も鶏も魚もエビも農場を訪れるのは初めてで、まずその生産ステップに関して理解を深めることができたことが嬉しかった。Swine unitでは豚コレラや口蹄疫などといった日本で見ることが難しい感染症についても学ぶことができ興味深かった。その対応の違いも日本とは異なるもので、国外の獣医医療を知る、という目標に合致する満足のいく実習ができた。細かいことを挙げれば、学んだことはここに書ききれず、各ユニットを通して自分の獣医学的知識は格段に改善されたことは言うまでもない。



〈エビ農場訪問〉

○ Large animal

後半の6週間は前半以上にユニットごと異なる性格の実習が用意されており、乳牛の往診に行く、先に述べた farm visit のようなことをする週もあれば、国立公園にでかけ、ゾウやガウルを見に行く実習もあった。Bovine ユニットでは往診に同行して多くの症例を見ることができた。乳牛に関しては他の動物よりも少しは知識があると思っていたが、現場ではわからないことだらけだった。やはり教科書の言葉だけでは理解できるもの限られており、ケトシスの匂いであったり、卵胞嚢腫の感触であったり、実際に見て感じることで初めて本当に理解できるものがほとんどだと感じた。最初に掲げた目標通り、臨床実習を通して自分の持っていた知識に磨きをかけることができ、また身体検査や注射、採血といった基礎的な技術を何度も練習することができ、学部の学びのまとめとして非常に良い実習になったと思う。Wild life では象の診療に立ち合うことができた他、EEHV (Elephant endotheliotropic herpesviruses) の work shop に参加できたのも、国外で起きている問題を知ることができる良い経験であった。最後の Equine ユニットではこれまで携わったことのない馬の診療を経験することができた。加えて自分が馬にアレルギーを持っていることが明らかになり、忘れられないユニットとなった。

＜異文化交流・生活＞

タイでの生活において困ることはほとんどなかった。それはタイの友人のホスピタリティによるものが大きいと思う。彼らは本当によく私たちの世話をしてくれた。食事はほとんど毎日どこかに連れていってくれ、困ったことがあればみんなで何とかしようとしてくれた。本当に感謝してもしきれない。親切心だけに留まらず、明るさやバイタリティ、授業への真摯な姿勢など、彼らは自分にとって見習うべきものを多く持っていた。異なるところも多くあったが、もちろん共通する部分も多く、仲良くなるのに時間はかからなかった。男子学生とは下品な話で盛り上がることも多かったし、女子学生は恋の話や噂話でよく盛り上がっていた。夜は Bar で一緒に踊って盛り上がった。異なる背景を持つ人ともこのように距離を縮められるのだと、嬉しく思った。これから良き友であり続けたいと思う。

また週末を利用して様々な場所に旅行することができ、タイの文化や雰囲気を楽しむことができた。タイの友人は各々課題研究を進めたり、帰省したりと忙しそうであるのに一緒に派遣された級友と旅行に行くことが多かった。これらの友人とは文字通り90日間毎日顔を合わせることとなり、思い出を共有している。改めて礼を言う機会はなかったが、彼女らにもこの場を借りて感謝を述べたいと思う。



＜お別れ会にて班員のみんなと＞

＜まとめ＞

私のタイでの3か月間は期待以上のものであり、当初考えていた目標よりも多くのことを身に着けることができたと思う。実際的な獣医学の知識に加え、文字通り嫌というほどの発表の機会、プレゼンテーション力や英語力を身に着けることができ、また良き友を得ることができた。プログラムを通してご尽力くださった先生方、スタッフの皆様、友人、その他すべての私たちを支えてくださった方々に心からの感謝を申し上げたい。


＜番外編＞

3か月という短くはない期間をタイで過ごすなら、何か1つタイの文化にどっぷりと浸ってみたいと考え、私はムエタイジムの扉を叩きました。正確に言えばそこに叩く扉はなく、半屋外のジムでサンドバックを叩きました。私は幼いころ7年間少林寺拳法に励んでおり、多少なりとも格闘技に通ずる技術があると自負していましたが、それが仇となりました。強面のおじさんトレーナーが、片言の英語で「違う、お前のはジャパニーズキックだ。」といって私をなかなか解放してくれず、立ち上がれなくなるまで、おじさんがもつミットに蹴り込みをやらされました。翌日は筋肉痛で授業どころではありませんでした。体が癒えた後にはおじさんに復讐するべく、日々寮や学校の施設でトレーニングを続け、時間のある週末にまたジムへと向かうのでした。おじさんのおかげで私はこの3か月間、体力を持て余す事なくストイックに肉体改造に励むことができました。感謝しています。



＜ムエタイジムにて ※ムエタイパンツ一丁で張り切っているジム生は他に誰もいない＞

2017 AIMS Activity Report in Thailand

Name	Arisa Yamada	
Home University	Hokkaido University	
Period of time	16 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

3 か月にわたる世界展開力強化事業タイ派遣を修了したので活動報告を作成する。今回のプログラムでは、カセサート大学カンペンセンキャンパスにて、前半の6週間を豚、家禽、魚・エビについて、後半の6週間を牛、野生動物、馬について学んだ。ここでは、勉強編と文化編の2つに分けて報告する。

1. 勉強編

① Swine Unit (9/11 ~ 9/22)

タイに来て最初の2週間は豚について学んだ。日本では学んでいないことが基礎知識として重要であったことに加え、新たな知識を英語で学ばなければならないということもあり、苦労した部分が多かった。基礎知識については、タイ人の友達が空いている時間にホワイトボードを使いながら、私たち日本人に根気強く丁寧に説明してくれた。剖検では、自分たちで安楽殺を行うところから診断まで、先生の助言を受けながら、すべて自分たちで進めていった。タイの学生は、何度も豚の剖検を経験しているようで、やり方はほとんどすべてタイ人の友達が教えてくれた。また、実際に養豚場を訪ね、豚が飼育されている現場を見ることができた。日本では防疫の観点から、実際に養豚場へ入ることは難しいため、貴重な経験であった。授業の中では頻繁に CSF という言葉が登場し、このユニットの中で重要なキーワードだった。タイ人の友達に「CSFを見たことがあるか」と聞かれた私は「見たことがある」と答えたが、後に重大なミスに気が付いた。最初は、脳脊髄液 (cerebrospinal fluid) のことだと思っていたのだが、豚コレラ (classical swine fever) のことだったのである。日本では20年以上も豚コレラの発生はない。恥ずかしい思いをしたのが記憶に刻まれている。

② Poultry Unit (9/25 ~ 10/6)

その次の2週間は家禽について学んだ。家禽のワクチンについての個人プレゼン、農場訪問、剖検、卵や雛の検査など内容は盛りだくさんであった。個人プレゼンでは、発表内容について先生から多くの指摘を受けたが、ワクチンの重要性を再認識する非常に良い機会であった。産卵鶏農場を訪れた際には、池の上で鶏が飼育されており、鶏の糞尿が魚の肥料になる integrated farming system と呼ばれる飼い方を目の当たりにし、非常に衝撃を受けた。この2週間で得た知識は私にとって新鮮で感動的なものばかりであった。正直、ここまで家禽に興味を持てるとは思っていなかった。



Integrated farming system

③ Aquatic Unit (10/9 ~ 10/20)

前半の1週間はエビについて、後半の1週間は魚について学んだ。エビについての知識はほとんどなかったが、1週間の授業で多くの知識を得た。まず、エビの養殖方法についての基礎知識やエビ飼育のための水質管理、主要なエビの疾病について学んだ。そのうえで、実際にエビの養殖の現場を訪問した。タイではエビの養殖は重要な産業のひとつであり、このような国でエビについて学べたのは非常に光栄なことであった。また、魚の週では、魚についての論文を読んで発表した。グッピー農場へ行く機会もあり、水質調査や体表の寄生虫の検査をした。さらに、ナイルティラピアの剖検を行うことで、魚の解剖学について復習することができた。

④ Bovine Unit (10/30 ~ 11/17)

3週間、牛について学んだ。大学病院での診療や往診に参加し、乳房炎、蹄葉炎、ルーメンアシドーシス、難産、胎盤停滞、子牛の下痢症、尿膜管遺残など、さまざまな症例に出会った。羊や山羊の症例も診ることができたのは、貴重な経験であった。タイの農場では、劣悪な環境に起因する疾病も多く発生していた。キャンパス内の農場では、直腸検査や超音波検査などの経験を多く積むことができた。直腸検査は、何度も挑戦することにより、少しずつ卵巣の状態を見極められるようになっていった。また、この農場の問題点を自分たちで見つけ出し、蓄積

されたデータを用いて統計学的に分析し、その対策についてプレゼンを行った。実際に、自分の目で見たり、自分の手で触れたり、自分の頭で考えることによって、知識を深めることができ、牛の扱いに関しては自信を持てるようになった。

⑤ Wildlife Unit (11/20 ~ 11/24)

バンケンキャンパスにて、エキゾチックアニマルの診療に参加した。ウサギ、カメ、インコ、トカゲなど、さまざまな動物の診察や治療を間近で見ることができた。眼に問題を抱えたウサギの身体検査に挑戦した際には、ウサギには威嚇瞬き反応がないということを教わった。このように、エキゾチックアニマルの診察や治療に際しては、それぞれの種の特徴や解剖を正しく理解していることが求められた。

⑥ Equine Unit (11/27 ~ 11/8)

最後の2週間は馬について学んだ。グループごとに割り当てられた入院症例の世話を中心に、馬のハンドリングや身体検査、採血や投薬のしかた、跛行診断、心電図などについて勉強した。毎日馬に触れることができ、充実した2週間であった。また、馬の手術も見学した。さらに、ピシウム感染症という日本ではみられない熱帯病にも遭遇することができた。



馬の手術の様子

ここまで勉強編について書いてきたが、グループなくしては勉強編のことは語れない。なぜなら、すべてのユニットにおいて、ともに学び、いくつもの困難をともに乗り越えてきたのは、ほかでもなくグループの仲間だからである。私のグループは、タイ人7人、日本人3人（北大1人、農工大2人）で構成されていた。北大の中で、私1人だけがこのグループだったため、最初の頃は、申し訳ないくらい私のことを気にかけてくれた。確かに、このグループ構成で大変だったこともたくさんあったが、その分タイ人ともほかの日本人とも仲良くなることができ、このグループで本当に良かったと思っている。私のグループは特に真面目な子が多く、勉強に関してはまったく妥協することがなかった。授業中は常にノートを手放すことなくメモを取り続け、分からない部分はすぐに質問していた。グループでのプレゼン作りにおいてもみんなで情報を共有しながらより良いものに仕上げることにこだわり、何度も修正を加えながら完成させた。時には、その作業は深夜まで続くこともあった。そうした姿勢には非常に大きな刺激を受けた。私は本当にこのグループが大好きであった。そして、日本だけでなく、海外にも獣医学の道をとにする仲間を持てたことは誇りである。




グループのみんなで

2. 文化編

このプログラムでタイに滞在している間は、できる限り現地の文化に触れようと試みた。週末には、バンコクをはじめ、アユタヤ、ホアヒン、チェンマイ、パタヤ、カンチャナブリ、サメット島など各地を旅行した。タイの文化に触れるとともに、タイ人の優しさにも触れることができた。挨拶の際に敬意や感謝を示すための合掌や、寺院参拝時の服装など、仏教国ならではの文化も肌で感じる事ができた。タイを代表するお祭りであるロイクラトン祭りにも参加した。また、タイの食文化はユニークであり、食事は楽しみのひとつであった。スプーンとフォークの両方を使って食べる、ペットボトルの飲み物はストローを使って飲むなどといった日本との違いも発見できた。さらに、タイ滞在中には、故プミポン前国王の火葬式が執り行われ、タイ全土が深い悲しみと哀悼の気持ちに包まれた。火葬式当日には、前国王についてのテレビ番組が放映されており、タイ語ではあったが、なぜタイ国民がここまで王室に対して深い敬愛の念を抱いているのかが理解できた。これらはすべて日本にいただけでは分からなかったことである。



ロイクラトン祭り

Name	Yukari Itakura	
Home University	Hokkaido University	
Period of time	9 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

【実習内容】

私が参加した3か月のAIMsプログラムは、豚、家禽、水産、牛、エキゾチック・野生動物、馬のユニットからなり、タイの獣医学部6年生のグループに混ざって授業や実習に取り組んだ。

Swine Unit

豚のユニットでは、豚農場のマネジメントや豚の育成ステージ、豚の感染症などの講義を受け、実際に豚農場を訪問した。日本で豚農場を訪れたことはないが、訪問者は下着まで着替えなくてはならないというバイオセキュリティの徹底ぶりを聞いたことがある。タイの豚農場は開放的な造りで犬や猫、鳩などが自由に入り込める。消毒槽もほとんど設置されておらず、人は長靴に履き替え白衣を羽織るなどの簡易的な着替えで入ることができた。タイの豚農場では、妊娠率や出生時体重、胎仔数、哺乳期間、流産数、離乳時体重をはじめとした様々な繁殖成績が農場毎にデータとして蓄積されている。これらのデータを分析し、実際の農場における豚の飼育管理状況を見合わせて、何が問題なのか、そして何をどのようにしたらより良い結果につながるのかを議論した。毎日授業後にディスカッションを繰り返し、農場訪問の報告として発表した。また、大学に運ばれてきた症例については剖検を行った。農家の人への問診から得た情報や症状、剖検結果から鑑別診断をあげ、サンプルを採取・分析依頼し、自分たちの診断として報告した。さらに治療方法や原因、対策についても提示した。

Poultry Unit

家禽のユニットにおいても各動物の農場のマネジメントや育成ステージ、感染症を学んだ。鶏の農場に行くのももちろん初めてで、すべてが新鮮で終始わくわくしていた。また、死滅卵の解析や、食用卵や一日齢雛の品質検査、幼鶏を用いたコクシジアのスコアリングなど様々な技術を学ぶこともできた。合格しなかったらダンスを踊らなければいけないというタイのユニークな試験のために、みんなで練習に明け暮れたのもいい思い出だ。

Aquatic Unit

水産のユニットでは、水質管理をはじめとした魚とエビの飼育管理や感染症について学び、養殖場を訪問した。このエビが日本のスーパーマーケットに並ぶと思うと不思議に感じた。日本の獣医学教育においては魚やエビにあまり重きが置かれていない。一方、タイの水産ユニットはほかの動物のユニットと同等の位置づけであった。水産業が盛んな国だからこその、この産業における獣医師の役割の重要性を実感した。

Bovine Unit

牛のユニットは、デモンストレーションファームにおける調査研究、病院における診療、往診随行からなっていた。大学のデモンストレーションファームにおける調査研究は、農場見学とデータから考えられる仮説をたて、それを証明するために自分たちで必要な調査を行い、結果をまとめ報告した。与えられたものではなく、自らテーマを設定し、それを検証するための過程を自分たちで組み立てるという経験はとても新鮮だった。

病院での診療や往診随行では、非常に多くの症例を実際に診ることができた。特に子宮捻転による難産の症例が印象に残っている。牛をローリングさせ捻転を解除した後、総がかりで胎仔を牽引した。緊張した現場の雰囲気を感じることができたのと同時に、若い女性獣医師の力強い姿がとても印象的だった。往診随行では直腸検査や妊娠鑑定のために農場を訪問する機会も多く、回数を重ねるにつれて自分の答えに自信が持てるようになった。技術的な点で成長が感じられたことの一つである。



Exotic Animal & Wildlife Unit

エキゾチックのユニットでは、大学付属動物病院において実際の症例の問診や身体検査を学生主体で行った。日本の獣医学教育では触れられないような様々な種類の動物を診ることができ、とても興味深かった。また、大学の構内をゾウが歩いているという光景もタイならではである。ゾウの診療を間近で見られただけでなく、ゾウに関して新しく得た知識も多かった。さらに、ゾウ内皮性ヘルペスウイルスの学会にも参加させていただいた。これまで、伴侶動物や産業動物以外の動物における感染症を考える機会はほとんどなかったため、自分にとってはとても新鮮で面白く、貴重な経験になった。



Equine Unit

日本の実習では馬を実際に扱った経験はほとんどなかった。タイでは、グループに割り当てられた症例の毎日のお世話や来院した馬の診療を通して、基本的な馬の身体検査や診療技術を身に付けることができた。馬のユニットで最も印象に残っているのは馬の手術を見学したことである。全身麻酔から覚醒まですべての過程を見させていただいた。

【タイの獣医学教育】

実際の現場に赴き、実際の症例を用いて、学生主体の実践的なトレーニングが積める環境は日本ではなかなかない。教科書から得た知識を自分の目で確かめ、自分の経験にすることができた。また、タイの学生は実習やプレゼンに対する意識が非常に高く、さらに知識も豊富なだけでなく、現場でそれをアウトプットすることができる。実践型の実習が中心であるタイの獣医学教育だからこそ身につく力だと思う。さらに、タイの授業では専門用語は英語が用いられている。日本での事前学習として専門用語を勉強する機会はあったが、タイでの授業で専門用語に苦労することは少なくなかった。習得するには実際に使う環境が重要だと感じるとともに、国際的な視野を持ちたいと思うなら、国際的に通用する専門的な知識を深める努力が必要だと改めて実感した。

【タイにおける感染症】

豚コレラや口蹄疫など日本ではみられない感染症についても、実際の症例には出会わなかったものの、その可能性を考える機会があったことはとても興味深かった。日本で口蹄疫が発生したケースでは緊急事態として家畜の移動制限区域が設定され、リングワクチンが行われた。タイでも似たような対応がとられているようだった。しかし日本とタイで最も異なる点は動物の淘汰の有無である。日本では発症した動物はもちろんのこと、ワクチン接種対象域内の牛や豚もすべて淘汰するという対応がとられた。また、ワクチンにかかるコストや淘汰された動物は政府によってすべて補償された。一方、タイでは口蹄疫を発症したことが原因で動物を淘汰することはない。淘汰動物に対する政府からの補償はなく、日本と同様の対応をとることは現状では難しい。また、口蹄疫発生時の様々な規制に伴う経済的なダメージは避けられない。そのため、政府が口蹄疫と認めず、適切な対応がとられないこともあるようだ。

タイでは口蹄疫が蔓延していることを知識として知ってはいたが、なぜ清浄化できないのか、タイに行く前の私にはわからなかった。しかし今では、その背景に、農場のバイオセキュリティに対する意識や日常における感染症防御対策の実践状況に加え、政治的に絡み合った問題も存在することがわかった。

【タイでの生活・文化】

タイでの3か月間は常にタイの学生や先生方に支えられていた。特に同じグループの友達は、私たち日本人のことを常に気にかけて助けてくれた。彼女たちのおかげで本当に有意義な時間を過ごすことができた。また、タイでは町の至る所に前国王や新国王の肖像画が設置され、前国王の服喪期間には多くの人が黒い服を身に付けていた。国王がいかに国民に愛され、彼らにとっていかに大切な存在であるのかを感じることができた。

本プログラムを通して、感染症や食の安全、動物福祉および環境保全など、獣医学がかかわる問題について、アジアの一国の現状を、一部ではあるが自分の目で見て知ることができた。世界の発展途上国が抱える問題を身近に感じられるようになった。サポートしてくださったすべての皆さんに深く感謝し、この経験を自分のこれからの活かせるよう努力していきたい。



2017 AIMS Activity Report in Thailand

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Home University	Hokkaido University	
Period of time	9 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

9月9日から12月10日まで3か月にわたる世界展開力強化事業タイ派遣を修了したので活動報告を作成する。今回のプログラムでは、私たちはタイ人と共に少人数のグループに分けられ、カセサート大学カンペンセンキャンパスにて前半は産業動物（Swine、Poultry、Aquatic）のクリニカルローテーション、後半は大動物（Bovine、Wildlife、Equine）のクリニカルローテーションに参加させていただいた。以下、このプログラムを通して学んだことを授業編と生活編に分けて報告したいと思う。

①授業編

・9/11～9/22 Swine Unit; 前半の産業動物ユニットは主に講義、農場訪問、剖検、プレゼン発表で構成されているが、Swine unitは特に講義が充実しているユニットだった。私たちは農場のマネジメントや繁殖成績のデータの見方、豚の感染症とその治療法について講義で学んだあと、実際にいくつかの農場に行きオーナーから話を聞き、そこで何が問題となっているのか（感染症、出生率の低下、発育不良など）、何が原因かを先生の監督のもとグループで解明しようとした。後半の一週間は大学に持ち込まれた症例を剖検し、肉眼所見および細菌培養試験の結果などから原因を追究した。プレゼン発表の準備のためにグループのメンバーで夜遅くまで議論した日もあり、この最初の二週間だけでもタイ人学生がいかに主体的に授業に参加し問題を解決しようとしているかを感じ取ることができた。

・9/25～10/6 Poultry Unit; このユニットには1人の愉快だが非常に厳しい！先生とそのほかの心優しい先生方がおり、私たちはこの1人の先生と一緒に写真を撮りたいがために奮闘した。正常に孵化しなかった卵や1日齢の雛の検査、剖検などを何度も繰り返し、その農場で起きている問題の原因を精査したり、国で使用されているワクチンの種類や機序などを調べ発表することで、感染症を予防する手段への理解を深めた。特にここでは肉眼所見写真の見方や利用方法、情報の正確性が強く求められ、プレゼン発表を通して学ぶことも多かった。別の日に設けられた計4回の試験は難しかったが、会場は一喜一憂するタイ人学生と日本人学生で大いに盛り上がった。また、この期間のうちにタイの王女が出席する狂犬病学会があり、タイ式の儀礼に則り王女を歓迎したこともタイの文化に触れたこととして印象深かった。

・10/9～10/20 Aquatic Unit; このユニットには魚とエビが含まれており、私たちはタイの水産業や魚の特性と疾病、水槽・水質の管理方法を講義で学んだ。ベタ（闘魚）の農場では魚の性質上個体ごとに個別のガラス瓶で飼育され、それが床に敷き詰められていた。エビ農場では大きな池での水温や水質の管理、餌やりのシステムなどを見ることが出来た。このように農場訪問では魚の種類それぞれの性質の違いやスコールなどの環境の影響が大きいタイならではの養殖の難しさ、水産業に大きな影響力をもつ企業の存在などを実感することができた。またタイでは熱帯魚のペットも多く、それらの治療や剖検にも学生が積極的に参加し、オーナーへの指導なども行っていた。このユニットではさらに課題としてワクチンや新しい養殖技術など水産業に関連した論文の発表が課せられ、広範な知識を持つ先生方と議論することでより知識を深められた。



・10/30～11/11, 11/20～11/23 Bovine Unit & Nong pho Unit; カンペンセンキャンパスには大動物（牛・馬・ゾウ）の専門の病院施設があり、牛ユニットではキャンパス内の牛病院での実習を一週間、実験農場でのグループ研究を一週間行った。また別の一週間ではキャンパスから車で1時間ほど離れたノンポーにある動物病院に実習に行った。往診や病院で患畜の検査や治療を手伝う傍ら、原因や機序を深く理解しその症例に最も必要とされる治療方法、オーナーの経済面にも考慮した適切な方法を選択することが求められた。第四胃変位や子宮捻転の症例に対するローリング法が見られたり、直検の機会を沢山設けて頂いたことは貴重な経験となった。また山

羊の脳軟化症など牛以外の症例、コブウシに多い尿膜管遺残など品種特有の症例が見られたことも印象的だった。

実験農場では学生が自ら問題点を探し、具体的な数値やサポートする論文を提示しながら仮説を実証するという、広く研究にも通じる一連の流れを経験した。

・11/13～11/18 Wildlife Unit； このユニットにはエキゾチックと野生動物が含まれており、前半はバンケンキャンパス内の動物病院でエキゾチックの診療を見学した。ウサギ、カメ、ハリネズミ、ツパイ、鯉、フクロモモンガ、スローロリスなどこれまで扱ったことのないペットや野生の傷病鳥獣ばかりだったが、他の家畜や小動物同様に問診や身体検査を行い、必要な処置を考えたり飼い主への指導を行ったりした。正直私は初め、カメのレントゲン写真を見ても雌雄も正常な臓器の位置も分からず、何が異常かと聞かれてもさっぱりであった。しかしタイではキゾチックペットが身近なためか、タイの学生は動物の扱いにも手慣れており、病気についても多くの知識を持っていた。後半はキャンパス内のゾウ病院にて骨折したゾウのレントゲン検査やレーザー治療を行った。またゾウのヘルペスウイルスに関する国際研究会に参加する機会を頂き、多くの動物園や野生動物関係者の方々のお話を伺ったり、国立公園でゾウとガウルを観察するという貴重な経験を得ることができた。



・11/27～12/7 Equine Unit； このユニットでは患者の馬にさらに少人数のグループが担当として付き二週間にわたって世話や検査、治療を行った。基本的な身体検査や採血、投薬の方法、心電図やエコー、繁殖についての講義や手術の見学もあり、日本の大学では難しい馬の全身麻酔を見ることもできた。私たちが担当した馬は運動失調を呈しており、精査のため大学から離れた Hua Hin の動物病院で MRI 検査を行った。ヒトや小動物で用いられている MRI の機械に馬が収まっているのはなんとも不思議な光景だった。日本であまり触れることのない馬の扱いに慣れ、一通りの身体検査などができるようになったことは良い経験となった。



また、週末にはカンペンセンキャンパスにてエキゾチックと野生動物の診療に参加させて頂き、より多くの種類の動物の診療を見ることができた。交通事故による外傷や寄生虫も多く、タイの気候や野生動物ならではの問題が多いなと感じた。

②生活編

3 か月間ずっとおなじグループのメンバーで実習を行い、ご飯を食べ、課題をこなし、週末には旅行に誘ってくれたり、一緒に買い物に行ったりと常に共に行動していたのでタイの学生たちとは非常に仲良くなることができた。タイ人はとてもユニークで活発で面倒見が良かった。農場や飼い主とのタイ語の会話も、実習で先生が何をしようとしているのかもひとつひとつ丁寧に英語で教えてくれ、深夜に課題を終えて学校から自転車で帰るときには後ろから車のライトで照らしながら付いてきてくれた。グループ以外のタイの学生もみなフレンドリーで、積極的に関わろうとしてくれた。こういったすべてのタイ人の優しさには感謝しかないが、他にもお昼休憩を必ず取るところや、放課後になると学部棟中央のホールで先生たちが卓球やバドミントンを始めるところなど、タイの国民性というべきか時間の流れ方の違いを感じる機会も沢山あった。また、プログラムの半ばにタイ前国王プミポンの告別式があり、それより前のプログラム期間前半はバンコクなどの都市でも街全体が喪に服しており、タイ人の前国王への敬意が感じられた。一方私も王族に縁のある博物館などを訪れ、プミポンやその母上を知ることによりタイ人の前国王への愛を尊重することができた。寮や大学での生活は比較的快適だったが、外気とエアコンの効いた部屋との温度差や辛い食べ物の見分け方、トイレの使い方、蚊ややけど虫、野犬など慣れるまで時間がかかる問題もいくつかあった。しかし、この3ヶ月間は毎日が新しいものとの出会いや経験の積み重ねで、自分の将来の生き方や人との付き合い方、獣医師としての在り方なども考えさせられる非常に有意義な時を過ごすことができた。このプログラムに参加するにあたって関わったすべての人に感謝したい。

MIO AZUMA
SOTA TOMISAWA
KEISUKE KONISHI
FUMI MIYAKE
KAORU SHIBATA
SHINGO TAKAGAKI
MISATO MASAOKA
HIROAKI FUJITA
AYANO NAKAI
FUMIYA HAYASHI
HIROYUKI MIYAKE
KANA FUJIHARA
REI OTAKE
KENTA INOMATA
MASAHARU IDE

2017 AIMS Activity Report in Thailand

Name	Mio Azuma	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

AIMS プログラムにおけるタイのカセサート大学での3か月間の留学を終え、その活動報告を行う。大まかな区分としてバンケンキャンパス、カンペンセンキャンパス、タイでの生活の3つの項目に分け、報告する。

① Bang Khen Campus

バンケンにあるキャンパスでは2週間 Epidemiology、1週間 Med SP、1週間 Microbiology の授業を受けた。

・ Epidemiology

この授業では主に、先生から説明された現地の状況から問題点を推測し、グループごとにその問題点について疫学的調査の組み立てを行った。私たちのグループではごみ山から地下水への汚染が起こるのではないかと考えそれについて調べた。プレゼンのための資料作りは、先生への発表と先生からの指摘を何度も何度も繰り返して資料を作り上げていった。そのための論文探しや、疫学的調査法の決定、計算など考えることや調べることがとても多くて大変であった。

また、この授業のかなで Lop Buri という町に2日間泊まりで行き、現地調査をする機会もあった。そこでは今回の議題であるゴミ集積所の現状や汚染度の測定などを行い、またマカサルが多い地域だったことから都市型のサルと山岳地帯のサルの違いなども教えてもらい興味深かった。

スワンナプーム国際空港で輸出入品の検疫に関してや検疫犬などについての講義もあり日本の授業ではなかなか学ぶ機会のない内容も多く面白かった。

・ Med SP

この授業では、2日間病理学、後の3日は毎日先生が変わり、さまざまな動物でのケーススタディを行った。

病理学の授業では、初めて犬の病理解剖を行いとてもいい経験となった。ケーススタディでは馬、豚、エキゾチックアニマルなどさまざまな動物を題材とし、診察の流れを学んだ。特にエキゾチックアニマルの授業では、診断の流れのなかでの問題点の明確化や鑑別診断など詳しく学べた。

・ Microbiology

マイクrobiオロジーの授業では、初めてタイ人の学生と合同で授業を受けた。この授業では、Med SP で学んだ手順を元に実際に診断をしていくといったケーススタディであった。タイの学生と一緒に調べ物をしたり、軽いプレゼンテーションなどを行った。

この授業で初めてタイの学生と一緒に授業を受けたが、タイの学生は日本人の学生が困っていたら必ず助けてくれ、わからないことがあったら聞いてねととても優しくしてくれ、とてもありがたかった。

・ Surgery and Internal medicine

このユニットでは私の大学から派遣された学生は Bangkeng キャンパスと Hua-Hin の動物病院に分かれ、私は Hu-Hin での実習に参加した。

Surgery unit では実際の手術の見学や、助手をやらせてもらった。日本ではなかなか見られない頭蓋骨内の腫瘍へアプローチする手術の見学や、電気メスの扱いや皮膚の縫合など日本では学生の身分ではなかなかやらせてもらえないこともさせてもらえていい経験となった。

また Internal medicine unit では外来の診察を見学したり身体検査の練習などをさせてもらった。さまざまな症例が来たが、その中でも特に衝撃的であったのが、狂犬病疑いの個体であった。動物病院に来る個体は元気が無い場合なども多いなかで、その個体だけは異質でケージの床に敷



いたタオルを破ったり繋がれた鎖を噛んだりと終始落ち着きなく狂暴な様子であった。初めて自分の目でみた狂犬病疑いの症例であったが、本当に衝撃的で忘れられない経験である。

② Kamphaeng Saen campus

Kamphaeng Saen campus では北大生と農工大生と合流し、タイの学生と日本人学生が合同で6つのグループに分けられた。グループごとに馬、牛、ワイルドライフのユニットに順番に参加した。

・Equine unit

馬のユニットはカンペンセンで唯一2週間あるユニットで、グループごとに与えられた2症例を2週間治療して行くといった内容であった。

私たちのグループは与えられた2症例のうち1症例は健康な個体であったため、もう1症例の治療を行い、2週目の金曜日にはその内容についてプレゼン発表を行った。酪農学園大学では馬を扱う実習がなかったので、全てが新鮮で楽しかった。

・Wildlife unit

私が一番楽しみにしていたのがこのユニットであった。このユニットでは3日間エキゾチックアニマル、2日間野性動物に分かれていた。エキゾチックアニマルの授業では2日間バンコクの動物病院でエキゾチックアニマルの外来診察を行い残りの1日で症例についてのプレゼンテーションを行った。また、野性動物では1日カンペンセンキャンパスのエレファントホスピタルで先生からのレクチャーを受け、もう1日は自然保護区に行ってバンテンなどを見る予定であった。しかし運悪く、VISAの延長申請に行かなくてはならず保護区に行くことができなかった。一番楽しみにしていた授業であっただけにとってもショックであった。

・Bovine unit

このユニットはFarm visit、Demonstration farm、Nhong-phoの3セクションに分かれて1週間ずつ実習を行った。

Demonstration farmでは学校の農場でその農場に起きている問題を推測し調査するハードヘルスや疫学的な授業を行った。また、Farm visitやNhong-phoでは近くの農場へ往診に出かけた。日本とタイの農場の違いなどが見られて面白かった。

③ Culture

タイで過ごした3カ月、タイの友人や先生に助けてもらわない日はなかった。授業ではタイ語の内容を英語に訳して説明してくれたりプレゼンテーション作成では右も左もわからない日本人の学生を引っ張ってくれた。また休日に出掛ける時も案内してくれたりご飯の注文を助けてくれたりした。

今年はこのプログラム中に前国王の葬儀が行われたこともあり、葬儀の中継を見たり火葬場を見に行ったりと例年よりもタイの文化に触れる機会も多かったのではないかなと思う。日本とタイの文化的な違いを実際に目の当たりにし、肌で感じることで本当にいい経験になった。

タイでの生活は大変なこともたくさんあったが、友人達の助けが本当にありがたかった。みんな優しく気をきかせてくれて申し訳なくなるほどであった。彼らには感謝してもしきれない。

このプログラムに参加したことで勉学的な面はもちろんのこと、その他にも文化、生活、人との関わりなどさまざまなことを学ぶことが出来たと感じている。本当にこの良い機会を得られたことを嬉しく思い、この経験をこれからの自分に役立てていきたいと思う。



2017 AIMS Activity Report in Thailand

Name	Sota Tomisawa	
Home University	Rakuno Gakuen University	
Period of time	16 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

This report shows my experiences during my stay in Kasetsart University (Thailand) as a exchange student.

In Bangken Campus (4weeks)

1. Veterinary Public Health (VPH) unit (2weeks)

① Planning of epidemiological studies.

The main part of VPH unit was to plan an epidemiological studies for a certain area of Thailand by ourselves. It was a very difficult class because we had to set all of survey item, for example survey purpose and survey method, by reading papers.

② Quarantine in Suvarnabhumi International Airport.

We visited Suvarnabhumi International Airport and got two lectures about importing and exporting animals and livestock products in Thailand and how to operate a sniffer dog in the airport.

③ Conservation activity in Mt. Erawan non-hunting area.

I visited Lopburi Province and learned about protection activities of wild monkeys and countermeasures against agricultural damage by monkeys

2. Med SP unit (1week)

Day 1st: Learned meaning of each item of blood examination and meaning of abnormal form of RBC through a case study. After that, practiced making stained-blood smear.

Day 2nd: Did autopsy of a dog. Learned how to autopsy and how to evaluate each organs.

Day 3rd: Learned neurological physical examination, evaluation method, and characteristic symptoms depending on a damage at each part of spinal cord.

Day 4th: Learned system of pig farm in Thai and how to read farm data.

Learned the diagnostic method for exotic animal using POMR.

Day 5th: Learned horse diagnostic methods and fungal granulomatous lesions.

3. Micro II unit (1week)

In this week, discussed two cases (porcine circovirus type 2 case and cat infectious peritonitis case) with Thai students. Through cases, discussed how to get definitive diagnosis. Conducted training on PCR and RTPCR to detect each virus.

In Huahin animal hospital (Clinical Rotation)

Surgery unit (1week)

I watched about 5 cases every day and I was able to participate in surgery as an assistant and also practice suture with a real case. Doctor lectured the points of surgery during operation. Fortunately, I could observe the surgical operation to remove the brain tumor.

OPD (1week)

I followed a doctor to see and listen history taking and treatment. Because Huahin is a resort area, some owners were foreigners and it was surprising that all doctors could do history taking in English. I was able to meet a case that I could not see in university practice such as exotic or infectious disease suspected animals.

In the same period as our practice period, two students from the Indonesian Gajah Mada University were involved in clinical practice as an internship. Both of us are universities in Indonesia, but they are from Malaysia.



2017 AIMS Activity Report in Thailand

I was very surprised to hear that they plan to work as a Thai doctor and Japanese and veterinarian in Malaysia after graduation. We were able to Malaysia students. Hear about veterinary education of Southeast Asia from them.

In Kamphaengsaen Campus (6weeks)

I joined a group of Thai students and studied together.

1. Wildlife Exotic Animal Unit (1week)

- ① We joined clinical examination at Exotic Unit in Bangken Animal Hospital for two days after that made presentation about a medical plan of our cases (chicken, hamster, hedgehog).
- ② We visited the Salakpra Wildlife Sanctuary and learned conservation activity for Banten. Studied and discussed mass extinctions caused by human activity and their effects to nature.



I do not how to treat you...

2. Nongpho Animal Hospital (1week)

Visited farms (mainly dairy cattle farms sometimes goat farms) with doctor. It was surprised that fermented pineapple peel was fed to cattle as a roughage. It was easy to handle it because dairy cattle in Thai is smaller than in Japan.

3. Equine clinical unit (2weeks)

I could see some kind horses (race horse, draft horse and pony). It was good experience for me to see autopsy of not only race horse but also draft horse and to see two cases of trypanosomiasis and fungal granulomatous lesions. I want to see princess cup and studied quarantine for horses and how to evaluate horse condition.

4. Bovine clinical unit (2weeks)

① Demonstration farm

Studied reproductive disorders caused by ovarian dysfunction in dairy cattle and practiced rectum palpation to estimate term of ovary condition.

Tried to find out problems in this farm by reading a data of this farm and did sampling to help our hypothesis.

② KPS Animal hospital

Basically, did same things when I stayed Nongpho animal hospital.



At princess cup (obstacle race)

What did I feel through this study abroad in Thai?

This time was my first stay abroad. I could not make myself understood in English at a local restaurant in Thai, but I enjoyed communicating with body language with local people. Before this, I was often nervous to talk with foreigners, but I got accustomed to conversation. Regarding veterinary classes in Thai, there were many opportunities to discuss and give presentations, it was difficult to express what I thought. I felt the difference in veterinary classes between Japan and Thai classes and found many my problems I should improve. I want to give thanks as much as I can to everyone who supported this study abroad. Thank you!



Thank you very much Group R !!!

2017 AIMS Activity Report in Thailand

Name	Keisuke Konishi	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

I finished AIMS program for three months, so I report the content of this program here. The program is divided into three sections; Basic veterinary medicine, Small animal clinical practice, Large animal clinical practice. I experienced a lot of things in this program, so I write about the class which I was especially impressed with. I describe this report which is divided into “Basic veterinary medicine”, “Small animal clinical practice”, “Large animal clinical practice”.

1. Basic veterinary medicine (4 weeks)

In this program, I took Epidemiology (2 weeks), Med SP (1 week), Microbiology (1 week).

In Epidemiology, I researched the water pollution in landfill by my group. We set up a hypothesis and went to the field, surveyed the real situation. After that, we realized that true problem was different from our hypothesis, so we revised our hypothesis and did statistical application. These process is important because it is same to research and writing article. Thus, although Epidemiology class was very hard, I think it was good for us.

In Med SP, mainly I took classroom learning; pathology, neurology, exotic animal, equine and swine infectious disease. Especially, I was interested in necropsy in pathology class, because I did necropsy of dog for the first time. In Japan, I only saw the dog which were already dissected, so I imprinted this precious experience.

In Microbiology, I took the class with Thai students for the first time, and we discussed the case study. They had more knowledge than Japanese students, so I was shocked. It was difficult to discussed in English because I didn't speak English very well, but I managed to tell them my opinion in English, so I could do it and get along with Thai students.

2. Small animal clinical practice (2 weeks)

I went to Huahin animal hospital. Small animal clinical practice in Huahin is divided into O.P.D and surgery. Huahin animal hospital is international and cutting edge of clinical medicine, so a lot of foreigner visit there.

In O.P.D, I participated the internal medicine clinic and followed a doctor. A lot of foreigner came to O.P.D and asked the doctor many questions in English, but the doctor spoke English fluently and diagnosed the animal. I was surprised by it and I thought I wanted to speak English fluently. The cases were various from primary care (infectious disease and bite wound) to severe diseases (CKD and heart disease etc.). I usually join secondary care at RGU animal hospital as a laboratory activity in Japan, so it was good experience that I could saw primary care also.

In surgery, various cases came to the hospital. I met Dr. Pong. He was a best surgeon in Thailand and he was very funny. He was keen to teach surgery to us, for example; how to suture, orthopedics, soft tissue surgery, brain surgery etc. I was surprised that he could do various surgery and his operation was very fast and precise. Moreover, he treated a lot of animals with disease kindly. I was impressed with his surgical skill and attitude for animals.

I joined various operation (castration, orthopedics etc.) as an assistant. Assistant was the first time for me, and I did suture, ligation, suction etc., so it was fresh experience for me.

The operation in which I was the most interested was brain surgery. The dog had meningioma (Brain tumor), but that tumor was in between occipital bone and first cervical vertebra. It seemed difficult to remove the tumor, but 3 doctors (2 surgeons and 1 neurologist) cooperated each other, and opened occipital bone and upper first cervical vertebra, stopping bleeding frequently. Finally, they removed all of the tumor. It took 7 hours to remove the tumor. I took a video (how to open skull, remove the tumor etc.) by my cellphone a lot. After operation, the dog recovered from neurological symptoms.

2017 AIMS Activity Report in Thailand

I wanted to practice surgery again in Huahin animal hospital, so I asked Dr. Pong whether it's OK or not. He said "Of course!!". I was glad, so I will go to Huahin next Summer.



Preparing for removing meningioma



Doctors in Huahin animal hospital

3. Large animal clinical practice (6 weeks)

In this program, I took Bovine unit (3 weeks), Wild life unit (1 week), Equine unit (2 weeks).

In Bovine unit, I learned management, infectious diseases, reproductive diseases etc. I saw the cows which were infected with Babesia or Anaplasma. There are less these infectious diseases in Japan, so it was precious experience for me. I joined dystocia reposition of cow also. I pulled the calf from uterine by chains, and then calf was born alive. I was glad to be able to see birth of life.

In Wild life unit, I attended the conference of Elephant Herpesvirus 2. This virus is fatal to elephant and remains unclear. I learned the virus for the first time, so it was interesting.

In Equine unit, I took care of some cases. The case with which I was the most impressed was pony case. The pony's name was Sultan. He had ataxia of hindlimb. I thought of and discussed his disease with Thai students in our group. Thai students were very smart and keen to learn, so I was very impressed with their attitude for study, and I managed to follow them. Finally, we took MRI of Sultan. I saw MRI of Equine for the first time, and the cause of ataxia was revealed. Bacterial meningoencephalitis was suspected by MRI, so we took antibiotics which could go through Blood Brain Barrier and Sultan has been getting better now. I learned the importance of "Never give up" from Sultan.



Thai students with Sultan in my group



Taking MRI of Sultan

4. Conclusion

In AIMS program, I learned a lot of things which were not only study but also cooperativeness, leadership, positiveness, and humanity etc. And I made friends with a lot of Thai students. I respect them because they are keen to study veterinary medicine and they are very kind to us. This encounter is unforgettable experience for me.

I would like to express the deepest appreciation to Thai students, professors and staffs in both Thailand and Japan, and support of Japanese Government. I will contribute to the development and international collaboration of veterinary medicine in both Thailand and Japan in the future.

2017 AIMS Activity Report in Thailand

Name	Fumi Miyake	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

3カ月間にわたる世界展開力強化事業のタイ派遣が終了した。自分の経験を振り返り、活動報告を作成する。前半の6週間はバンコクにて伴侶動物臨床を学び、後半の6週間は後カンペンセンキャンパスにて大動物や野生動物の臨床を学んだ。ここではタイ派遣を伴侶動物、大動物、文化の大きく3つのパートに分けて報告する。

①伴侶動物

伴侶動物では私を含めた日本人3人で、外科と内科を3週間ずつローテーションした。

・外科 9/11-9/29

麻酔科、整形外科、軟部外科、救急救命科をローテーションした。日替わりで違う先生につき、その先生の症例を学んだ。渡航後初めてのローテーションだったこともあり、タイ訛りの英語を聞き取るのは一苦労だった。この病院では一次診療も行っているため、骨折などの症例を多くみた。また飼い主さんの経済力の低さから、手術には様々なコスト減の工夫がされ、型にはまらない創造的な手術手技に感動した。陰嚢尿道造ろう術は印象に残った術式のひとつだ。有名な手技のようだが、初めて見て興味深かったので、その後かなり復習した。Wijit先生と診療終わりにバドミントンに行ったのは良い思い出である。

・内科 10/2-10/20

整形、神経、消化器、眼科、OPD、猫専門外来など様々な科を回った。実習の基本は、先生が診療しその前後に症例について説明を受けるというもの。神経科では、実際に英語で問診を取り、神経学的検査まで行った。当時はいい英語が思い浮かばずかなり焦ったが、なんとか乗り切り良い経験にすることができた。内科で一番印象に残ったのは画像診断科の地下室だ。エレベーターで地下に降りると、そこには広く無機質な部屋に多数のコンピューターや見たことのない装置の数々があった。さらに半自動の大きな分厚いドアをくぐり先に進むと、大掛かりな放射線治療装置が見えた。この部屋では腫瘍などの放射線治療に多い日で10頭弱の動物たちが訪れている。どのような放射線をどの角度からどの程度照射するのかは、コンピューターで精密に計算し、その結果通りに放射線治療装置が動く。放射線治療の計画の立て方を聞いたが、とても難しかった。ここで働く画像診断科のスタッフらの専門性の高さがうかがえた。

伴侶動物分野を通して、タイの伴侶動物事情に触れることができた。各科を回って診断から治療、管理までいろいろなことを勉強したが、その他にも、肥満体系の犬が多いとか、待合室ではフレンドリーな犬が多かったとか、経済的に治療を拒否する飼い主さんが多いとか、いろいろな発見があった。

②大動物

大動物では新しく班が構成され、伴侶動物の時とは違うグループ構成になった。また、私たち酪農大生はタイの6年生グループに組み込まれた。ノンポー動物病院 / 野生動物、馬ユニット、牛ユニットで2週間ずつ実習を行った。

・ノンポー動物病院 / 野生動物 10/30-11/10

ノンポー動物病院では実習環境に驚いた。朝、学生は3、4人の小グループに分かれ、その日の担当教員の往診車に乗り込んだ。お昼ご飯もおやつもその日の教員と一緒に道中でとるのが普通だった。すべての診察を終えると夕方あたりに病院に帰ってきた。日中、おやつタイムかと思いきや、カフェで質疑応答から講義が始まったことがあった。少人数で、先生との距離が近くて、アクティブで、楽しい実習。これは勉強にもってこいの環境だと思った。それと、私はここでタイに来てから初となる直腸検査をした。タイ人学生はみんな卵巣が触れるのに、私には難しかった。実力の差を感じてもっと頑張ろうと思った。直腸検査用の手袋が破れるという噂を聞いていたが、破れなかった。良かった。生活面では、ノンポーの寮はびっくりするほど古かった。また、廊下を野良犬が走っていて、夜に洗濯室前で出くわした時には相当驚いたが、無事帰ってきた。

野生動物ユニットでは、最初の2日間だけバンケンキャンパスでエキゾチック動物の診療に参加し、後はカンペンセンキャンパスに戻って野生動物について学んだ。エキゾチック動物では、亀やいろいろな種類の鳥、蛇やモモンガなど、普段見かけない動物たちがたくさん来院した。診

療後はPOMRについて学び、寝る間も惜しんで大量の宿題をこなした。野生動物では、カンチャナブリに行って象の診察をする予定だったのだが、中止になり、マヒドン大学に野生動物の保護に関する公演を聞きに行った。

・馬ユニット 11/13-11/24

日本では馬のことはほとんど習わないので、初めてのことが特に多かった。毎日大学の外から数頭の馬を受け入れ、グループごとに担当の馬を診察し、入院の世話をした。その中から一頭選び、症例検討のプレゼンテーションを作成した。また、2週目はバンコクに出向き大規模なフォーラムに参加したり、プリンセスカップという馬の競技会を関係者席から見学したりと、特別な経験をする事ができた。競技会では馬の獣医師が出場前日の馬の査定を行うのを見られた。新たな獣医師の仕事を知り、見聞を広げることができた。馬を扱う獣医師の姿はカッコよかった。

・牛ユニット 11/27-12/8

最初の1週間は診療に参加し、もう1週間はハードヘルスを実践した。診療では、3日間はノンポ動物病院の時と同様の往診をした。あと2日間は大学の病院に残って外来の診療に参加した。一番印象に残っているのは難産の症例だ。この牛は頸管が開かず破水後も分娩できていなかった。胎児は母体の産道ですでに死亡していた。治療は飼い主の希望により帝王切開はせず、力ずくで胎児を引っ張り出した。私のグループは、この症例でケーススタディーを行い、頸管が開かなかった原因について考察した。

大動物では、先生1、2人に対して学生が3人から多い時でも15人ほど、という少人数の実習が多く、活発に質問が出て理解が深まった。毎週症例検討のプレゼンテーションがあったため、夜遅くまで準備することも多々あった。体調を崩したこともあった。振り返るとハードな生活だったが、毎日が楽しくてつらいとは思わなかった。また、タイ人と同じグループになったので、タイ人の友達が増えたとし、バンコクにいたときよりも圧倒的に英語を使う機会が増え、英語力の向上につながった。

③文化

休みはタイの文化に触れるため、タイ人の友達と一緒に様々な観光地を訪れた。タイにはとても魅力的な観光地がたくさんあった。そこではタイの歴史や、仏教との結びつきの深さを感じることができた。またバンコクはとても魅力的な町で、場所によって様々な顔をもっていて、何度行っても飽きなかった。タイ人と一緒に過ごせたのが旅行をより一層楽しいものにしてくれた。そして旅行を通してタイという国をより理解したと思う。タイの生活で最も印象的だったのが、人の親切さだ。タイは微笑みの国、その通り。会う人みんなが親切だったと言いたいくらい、思いやりにあふれた国だった。友達だけでなく、見知らぬ人までだ。驚くほどの優しさを毎日感じては、どうしてだろうかと考えていた。仏教の影響なのか、今の私にはお国柄としか言えない。タイ人の友達曰く、タイではみんなが助け合って生きているそうだ。



↑ 牛の難産介助



2017 AIMS Activity Report in Thailand

Name	Kaoru Shibata	
Home University	Rakuno Gakuen University	
Period of time	09 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

9月9日から12月10日に及ぶ約3か月間のAIMSプログラムでの活動を報告する。前半の6週間はバンケンキャンパスで小動物臨床について、後半の6週間はカンペンセンキャンパスで野生動物、大動物について学んだ。

●バンケンキャンパス（外科：9月11日～9月29日、内科：10月2日～10月20日）

・外科ユニット

外科ユニットでは、麻酔科、整形外科、軟部外科を各1週間ずつローテーションした。昨年のプログラムとは異なり、私たちはタイの学生とは交じらず担当の先生1人に対し日本人の学生1、2人が付き、その担当の先生に指示をもらい行動した。その日の内容は、麻酔科以外は朝病院に行ってからホワイトボードで確認しその症例ほぼすべてに関わり、麻酔科は担当の先生に指示された手術に付き麻酔記録を書いた。整形外科、軟部外科では手術室に入り見学ができた。アシスタントとして手術に入らせていただき簡単な作業や縫合を行った。それぞれの科で見た症例の中から3つ選びレポートにして提出した。麻酔科では、覚醒するまで付き添うので1日に約2症例（午前1件、午後1件）を受け持った。手術に入る前は麻酔前投薬の種類や量を確認し、手術中は麻酔記録をつけ、手術後はリカバリールームで5分ごとに心拍数や体温を確認し覚醒を待った。整形外科、軟部外科では担当の先生によって異なるが、1日に2～5件の症例の手術に関わった。担当の先生の症例が少ないときはほかの先生の手術を見学することもできた。



・内科

内科ユニットでは、神経科、消化器内科、OPD、眼科、泌尿器科、画像科、CCU、猫専門内科があり、毎日違う科をローテーションした。内科ユニットでもタイの学生と交わることはなく、1人の先生に対し日本人の学生3人（最終週は4人）であった。先生が問診や身体検査をするのを見学し、患者さんが帰った後その症例について説明してもらった。問診や身体検査を任されることもあった。vetOSCEで問診や一般身体検査の勉強はしていたが、英語で問診することや、先生を間に挟んだ問診はvetOSCEのときよりも難しかった。身体検査は一般身体検査だけではなく神経学的検査も行った。

●カンペンセンキャンパス（10月23日～12月8日）

カンペンセンキャンパスではタイの学生のグループに入り一緒にWildlifeユニット、Exotic animalユニット、Bovineユニット、Equineユニットをローテーションした。私はGroup R（タイの学生7人 日本人学生4人）であった。

・Wildlifeユニット、Exotic animalユニット（10月30日～11月3日）

月曜日、火曜日はバンケンキャンパスの動物病院にあるエキゾチック科へ行きエキゾチックアニマルの診療を学んだ。学生が問診を行い、診断を考え、先生が処置するのを見学した。エキゾチックアニマルは犬猫とは基本データが異なるため、解剖やバイタルサインの正常値などを調べながら問診をしたり診断を考えたりした。水曜日はカンペンセンキャンパスで、月曜日火曜日で見た症例についてのプレゼンテーションを行った。木曜日はSalakpra Wildlife Sanctuaryへ行きバンテンというタイ特有の牛について説明を受けた。運が良ければ野生の象や森に放たれたバンテンが見られたのだが、私たちは運が悪くどちらも見ることはできなかった。金曜日はカンペンセンキャンパスでWildlifeに携わる獣医師についてのレクチャーを受けた。

・Bovineユニット - Nong Pho（11月6日～11月10日）

1週間ノンポーに滞在し、毎日2つか3つのグループに分かれてそれぞれ先生と周辺農場に往診

へ行った。往診では、乳房炎、蹄底潰瘍などの疾病の治療や、人工授精や妊娠鑑定などの繁殖検診、農家の現状を把握するためのファームビジットを行っていた。身体検査、直腸検査、注射は学生も行うことができた。私の週はヤギの採血を行う機会が多く（ブルセラ検査のため）、その採血はほとんど学生が行った。



・ Equine ユニット (11月13日～11月24日)

カンペンセンキャンパスにある Equine clinic で実習した。Equine ユニットでは Group R だけではなく、Group Q と合同となり、各グループがさらに2班に分かれて実習を行った。初日に担当馬（入院している馬）を1頭与えられ2週間その馬の世話と身体検査をした。馬の繁殖学についてレクチャーを受け、剖検を見ることもできた。授業の一環で、princess's cup という馬のコンペティションを見に行ったり、獣医師向けの大きなセミナーに参加し鍼灸の講演を聞きに行ったりと貴重な体験ができた。最後の金曜日は日本人学生だけでの oral examination を行った。この examination は先生が写真を見せて、それに対してわかることを皆で考えて答える、という内容であった。

・ Bovine ユニット (11月27日～12月8日)

前半の1週間はキャンパス内のデモンストレーションファームで実習を行った。2つの班に分かれ、それぞれで調べる内容を決め、それに対して必要なデータを集めた。私の班はルーメンアシドーシスについて調べることにしたのでルーメン液を長く硬いチューブをつかって採取した。水曜日の午前中は繁殖学について簡単に説明を受け、直腸検査と卵巣を超音波で映す練習をした。金曜日は調べた内容についてのプレゼンテーションを行う予定であったが、日本人学生は VISA の更新が1日かかりプレゼンテーションを始める時間に間に合わなかったため参加できなかった。後半の1週間は大学周辺の農家への往診についていった。この週は3つの班に分かれた。AI や難産、胎盤停滞など繁殖に関する疾病を多く見ることができた。木曜日の最後には直腸検査の examination を受けた。金曜日は日本人学生全員で Bovine ユニットについての examination があった。全体の examination は paper test と oral examination だった。



●タイでの生活

・バンケンでの生活

バンケンキャンパスでは、タイの学生との関わりがほとんどなかったため、お昼ご飯は学校の食堂で食べ、夜ご飯は寮の近くのお店に日本人だけで行くことが多かった。メニューがあるレストランは指差しで注文し、ないレストランは携帯で調べて写真を見せて注文した。週末は日本人だけで出かけることもあったし、カセサート大学の学生ではないタイの友達（昨年酪農学園大学に留学に来ていた友達）と出かけることもあった。バンケンキャンパスは寮の近くにバス停があり、MRT や BTS の駅まで行くことができたため、簡単に外に出かけることができた。また、近くにマーケットやデパートなど買い物ができる場所もあったため、日用品などを買い揃えるのに困らなかった。

・メモリアルウィーク

プミポン元国王の葬儀のため、カンペンセンキャンパスに移動してすぐの1週間は休みであった。その1週間を利用して私は Koh Chang へ遊びに行った。Koh Chang はカンボジアとの国境近くにある観光向けの島である。バンコクから夜行バスとフェリーで移動した。Koh Chang の海はとてもきれいで、シュノーケリングを楽しんだ。

・カンペンでの生活

カンペンセンキャンパスでは同じグループだったタイの学生とほとんどの時間を一緒に過ごした。自転車が学校から支給されるため、寮から学校までは自転車で通学したが、お昼ご飯や夜ご飯はタイの学生が車でいろいろなお店へ連れて行ってくれた。ご飯はほとんど校外へ食べに行き、学校の食堂で食べることはあまりなかった。また、スーパーマーケットは学校から遠かったため、行きたいときはタイの学生に頼むこともした。カンペンセンキャンパスは BTS、MRT、バスが少なく日本人だけで出かけることは難しかった。私はほぼ毎週末バンコクへ行って買い物をしたり旅行をしたりしていた。

2017 AIMS Activity Report in Thailand

Name	Shingo Takagaki	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

I finished learning in Kasetsart University. Thank you for giving me this great opportunity to learn in Thailand. I will write about training and life in Thailand. We have 12 weeks training in this project. This divide 3 big groups, basic veterinary medicine, small animal and large animal. We trained in Bang Khen, HuaHin, Nong Pho and Kamphaeng Sean.

【Basic veterinary medicine】

We have 4 weeks to study about basic veterinary medicine include epidemiology, pathology and microbiology. Firstly, we learned epidemiology. It is 2 weeks. We learned what is statistic and how to decide sample and sample size. We actually made proposal to start study. We go to Lopburi province to collect sample and field work. We go to international airport to study inspect animal and animal products, and we saw dog that can find illegal product. We had presentation about our proposal that monkey feces is include pathogen or not. We prepared presentation everyday. It is so hard for us.

After finished our presentation, we have send report of our proposal. Epidemiology class is so difficult, but I think it is important to start study in my laboratory. Secondly, we learned about pathology. Teacher was change everyday. 1st and 2nd days we learned about small animal pathophysiology, include hematology and necropsy. It was first time to do necropsy and we can understand problem easily than just desk study. 3rd day we learned about POMR(Problem Orient Medicine Record), 4th day we learned about neurology, 5th day we thought about case study of horse. Pathology was interested for me. Thirdly, we studied microbiology. We discuss with Thai students, one group have 11 persons. We discussed 2 cases, include pig(porcine circovirus infection) and cat(FIP). We can easily understand this discussion, because Thai students explain us more and kindly.



【Small animal】

We went to HuaHin hospital to study small animal medicine. We had 2weeks at HuaHin hospital. We joined surgery unit and O.P.D unite. In surgery unit, we can see many case include orthopedic and brain surgery, castration. When



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castration surgery, we can join surgery as assistant. We learned suture by many teacher. It is great practice for me to learn suture. When brain surgery, we can see brain and how to approach brain. It is good experience for me. We saw many orthopedic case especially fracture. In O.P.D unite, we followed one doctor one student, and change doctor everyday. Firstly, I followed cardiology doctor. I saw many MR cases. Secondly, I follow internal medicine doctor, we can saw many cases include bite case, skin disease, kidney disease and vaccination.

【Large animal】

We learned large animal in Kamphaeng Sean. We had 6 weeks to study large animal. 1st week, we learned exotic and wildlife. We learned POMR of exotic and see real patient of exotic in Bang Khen. We saw many exotic case include hedgehog and rabbits. It is first time to see exotic patient. We went to Kanchanaburi national park to see wildlife. But we cannot see elephant. 2nd week, we went to Nong Pho hospital. We visit many farm and treat. There are hoof disease and reproductive problem. I did rectal palpation and hold cows. I think this practice is more interesting for me in Nong Pho hospital, because we can see so many cases. 3rd week and 4th week, we learned horse. Firstly, we learned how to do physical examination and how to take care horse. We can see real patient of horse. We see rectal tear case and take care. This horse's condition was bad, so doctor choice euthanasia and necropsy. It is first tome to see euthanasia. I can learn many thing in equine unite. 5th week, we learned in demonstration farm and think herd health. Our group topic is relation between BCS and milk production. I read many paper of milking period and negative energy balance. 6th week, we learned clinical cows. We visit farm and treat like Nong Pho hospital. We have 2 presentation of cases. We found many case and prepare every day. In large animal unite we have many presentation and many case.



【Life in Thailand】

I surprised many thing I Thailand, because so difference culture between Japan and Thailand. Firstly I surprised transportation of Thailand. It is good for me, because taxi is so reasonable than Japan.

I like Thai food. It is so delicious for me, especially kana-mu-crop. Crispy pouk is so delicious, I want to make it in Japan.

I went to many place to sightseeing, many temple and beach. I also went to shop in Thailand. Mango is so delicious fruit.

It is best memory for me to stay with friends that both Japanese and Thai. I love my friends.

I can't say more thank you for them.

It is precious experience for me to meet many parson and practice more.

Thank you very much.



2017 AIMS Activity Report in Thailand

Name	Misato Masaoka	
Home University	Rakuno Gakuen University	
Period of time	16 September, 2017 ~ 10 December, 2017	
Host University	Kasetsart University	

Fist of all, I am really glad to join AIMS program between Japan and Thailand. I was interested in this program because I wanted to study abroad and find the difference in veterinary medicine between Japan and Thailand. Also, Thai has many wildlife that I can not treat in Japan and this is one of the reason that I decided to join this program. I stayed in Thailand for 12 weeks and it divided 2 part, 6 weeks in Bang Khen campus and 6 weeks in Kamphaensaen campus.

I . Bang Khen campus (6 weeks)

In Bang Khen campus, I learned about small animal medicine. I joined in surgery unit for 3 weeks and internal medicine for 3 weeks.

• Surgery unit

This unit divided in 4 parts, anesthesia, orthopedics, soft tissue and emergency. The doctor who I followed and whose surgery schedule was already decided on the previous day except emergency unit. I checked the schedule and the history of the patients on the previous day. In some cases, I joined in a surgery as an assistant. I had to make 3 case reports of each unit in a week.

In anesthesia unit, I mainly took an anesthesia record from induction of the anesthesia to the awakening. Also I took care of the patients after the surgery. In orthopedics, the most common case was fracture due to car accident. FHNE(Femoral Head and Neck Excision) was also common and I could understand the surgery procedure well. I had a chance to watch TPLO(Tibial Plateau Leveling Osteotomy). The surgical technique was very complicated and it took over 4 hours. The surgery was a success and I was relieved. The interesting thing is that each surgeon has own way and devise to fix the fracture or luxation. In soft tissue unit, the most common case was remove mass. In some cases of malignant tumor, we had to remove a wide range of soft tissue in order to avoid the recurrence. Also, I had many chance to watch castration and I could understand the procedure completely. Sometimes, the doctor let me suture the skin and it was very exciting for me. In emergency unit, there were many cases that had severe situations. What impressed me most was the case of peritonitis due to uterine rupture. The inflammation of abdominal cavity and the other organs were terrible and unfortunately we could not help the patient.

• Internal medicine

In this unit, there were neurology, gastroenterology, ophthalmology, out patient



← When I sutured the skin

At Kanchanaburi national park →



2017 AIMS Activity Report in Thailand

department(OPD), urology, radiology and so on. I rotated each unit from day to day. In neurology unit, I did neurological examination to the patient and tried to find out the problem. There were some difficult and complicated cases but it was also interesting. In gastroenterology unit, I learned much about liver disease. What impressed me most was liver biopsy by using ultrasound and the doctor showed me how to do it. In OPD, there were so many cases in a day and I could observe how the doctor diagnose or care the animals. Sometimes I did physical examination by myself and talked about the problem and the treatment plan with my doctor. In this 3 weeks, I got many knowledge about small animal internal medicine and it was really good learning opportunity.

II . Kamphaensaen campus (6 weeks)

In Kamphaensaen campus, I learned about wildlife for 1 week, equine for 2 weeks and bovine for 3 weeks (Nong pho hospital and Kamphaensaen campus). I joined in group R that has 7 Thai students and 4 Japanese student including me.

• Wildlife unit

First 2 days I joined in Exotic unit at Bang Khen campus. There were many kind of exotic animals, hedgehog, turtle, chicken, gold fish and so on. It was difficult to think about the characteristic of exotic animals. I thought that I should know the characteristics of each exotic animals when I treat them. Another day, I went to Kanchanaburi national park and learned about wild banteng which is endangered species. I got on the car and explored in the wild to find them and it was exciting.

• Equine unit

I learned about how to handle, do physical examination or treat horses. I had never did physical examination to horses before I came to Thailand, so it was very good opportunity for me to know well about horses. Another day, I went to a horse competition in Bangkok. There were many beautiful horses and I was moved. The teacher taught me how to observe the horse which was preparing for the race.

• Bovine unit

I spent 1 week at Nong pho hospital and 2 weeks at Kamphaensaen campus. In this 3 weeks, I visited dairy farms every day and did pregnancy diagnosis, hoof trimming or gave medicine. I had a chance to watch a dystocia assistance and it was worth seeing. It was very exciting that the teachers let me do many things and it improved my skill and knowledge. I observed many farms and it was interesting to find the difference of stall or feed between Japan and Thailand.

• Life in Thailand

In this 3 months, I visited so many places in Thailand. What impressed me most was Surin elephant festival. There were more than 200 elephants in the festival and it was very powerful. People in Thailand were very kind and they always helped me. Finally, I really appreciate all of the teachers or good friends who helped me or took care of me. Thank you very much.



← Dystocia assistance

Surin Elephant festival →



2017 AIMS Activity Report in Thailand

Name	Hiroaki Fujita	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

3ヶ月にわたる世界展開強化事業タイ派遣を終了したので活動報告を作成する。今回のプログラムでは前半の6週間のうち4週間をバンケンキャンパスにて疫学実習および微生物学実習、2週間をホアヒン小動物病院にて伴侶動物のクリニカルローテーション、後半の6週間をカンペンセンキャンパスにて大動物のクリニカルローテーションを行なった。今回は、バンケンキャンパス編、ホアヒン動物病院編、カンペンセンキャンパス編、タイ生活の4つに分けて報告したいと思う。

① バンケンキャンパス編

全4週間のバンケンキャンパスでは前半の2週間を疫学実習、後半の2週間では微生物学実習を行なった。

・9/11～9/22 疫学実習

最初の3日間ですっかりと統計学についての基礎を学んだ。日本で統計学の勉強を疎かにしていたので、慣れていない分野かつ全て英語の授業だったのでとても大変だった。初週では、次週の統計調査のためにテーマを探すことや、スワンナプーム国際空港へ実際に訪れ空港で実際に行われている検疫について見学した。2週目では自身で決めたテーマを元に実地調査をエラワン非狩猟エリアにて行った。日本と全く異なる環境での実地調査はとても刺激的だった。この実地調査の結果を用いてプレゼンテーションを作成した。2日間丸々かけてプレゼンテーションの準備を行い、そして最終日にプレゼンを行った。今までこのように濃密に疫学について学ぶ機会もなく、また1から全て自分たち自身で準備を行いプレゼンをすることもなかったので大変ではあったがよい経験となった。

この2週間はタイに到着してからすぐの2週間ということもあり、生活にもまだ慣れておらず、英会話のストレスや日々の疲れも相まってとても苦労したことを覚えている。

・10/2～10/12 微生物学実習

1週目は日本人学生だけで実習を行った。血液検査、解剖学、神経学、エキゾチックアニマル、野生動物、馬の病気について学んだ。中でも印象に残っているのは解剖学についてだ。解剖学の授業では実際の症例のデータを見て死因を推測し、その後実際に解剖を行い死因を調べるというものだった。酪農学園大学の解剖学の実習では子牛の解剖を行う機会があったが、犬の解剖を行うことは無く、初めての経験だったのでとても勉強になった。2週目では現地の学生と共に授業を受けた。症例のデータを渡されてそれについて調査、議論し考えられる病気とその治療法について発表するというものだった。何より驚いたことは、タイ学生の授業に臨む姿勢や病気についての知識、英語の論文を流し読みするスピードの速さなど何もかもに圧倒された。



② ホアヒン動物病院編

・9/25～9/29 10/16～10/20 伴侶動物のクリニカルローテーション

酪農学園大学からプログラムに参加した15人のうち8人がホアヒン動物病院で実習を行った。この期間では2つのグループ（外科と内科）に分かれそれぞれ1週間ずつ実習を行った。それぞれの内容について報告する。

* 外科

毎日平均4件ほどの手術を見学した。日本ではあまり考えられないが教員の指導のもと縫合や助手などを体験・練習できる機会があった。また夜に自主的に教員たちが集まり縫合などの練習

を行っておりそれに私たち生徒も参加した。

手術の内容はとても幅広く骨折や腫瘍、今回私たちがいた時には脳腫瘍の症例があり、脳腫瘍の手術の様子も見学することが出来た。友人曰く、日本では脳腫瘍の手術を行う先生は少ないらしくとても貴重な体験をすることが出来たと思った。

* 内科

担当の教員に付き、1日中その教員と主に診察、検査、治療などを行なった。今までの外科とは異なり教員と学生の1対1になるのでより密に症例について質問することもでき、また逆に質問されることもしばしばあったためとても勉強になった。その日に担当する教員にもよるが私の場合は1日平均7件を見学することができ、日本にはない熱帯地方の血液寄生虫の症例についてなども学ぶことが出来た。この内科のクリニカルローテーション中にとても印象に残っているのが、エコー検査である。私自身がとてもエコー検査がなんとなくの理解では済ませてもらえず、私がたくさん基本的な質問したにも関わらず嫌な顔1つせずテキストを用い実際の症例の犬を用いて丁寧に説明していただいた。自分にとって苦手な分野を1つ留学中に潰せたというのはとても嬉しかった。

③ カンペンセンキャンパス編

・10/30～12/8 大動物ローテーション（馬ユニット・牛ユニット・野生動物ユニット）

私たちのグループは馬ユニットからスタートした。馬ユニットでは担当の馬の毎日の世話と外来の馬の診察、検査、治療を行った。日本で馬の症例を見たことが全くなかったため最初はとても混乱したが徐々に慣れていき馬を扱うことができるようになった。

次に牛ユニットでは主に往診と大学内にあるデモンストレーション農場にて問題点の改善について学んだ。このユニットで初めてタイの酪農家を訪れたが日本の酪農家とは全く異なり、ほとんど全ての酪農家の衛生環境が悪くとても驚いた。このユニットでヤギの農家に訪れる機会もあったがほとんどのヤギ農家が牛の農家よりも衛生環境が良かったため何故だろうと疑問に思ったのだが、ヤギは牛よりブルセラ病の感受性が高いため衛生環境を良くしなければいけないと教えていただき、また新しい知識を身につけることが出来た。また学内のデモンストレーション農場ではコーンサイレージの代わりにパイナップルの皮を発酵させたものを代用していてとても驚いた。

野生動物ユニットでは、モモンガやカメ、ウサギ、リス、ハト、モルモットなど酪農学園大学付属大学病院ではほとんど見ることがない症例を毎日見ることができ、とても刺激的だった。

④ タイ生活編

このプログラムでタイに滞在している間は他の学生と共にタイの衣食住や文化、伝統を学ぶために週末は観光に出かけた。日本とは全く異なる気候、文化、風習を実際に感じ様々な体験をすることができた。また、バンケンキャンパス滞在時には宿舎の前にある屋台で晩御飯を購入する機会が多かったのだが、タイ語を全く話せない私たちにも優しく声をかけてくれ毎回楽しくご飯を注文し食べることができた。今回のプログラム期間では前国王の葬儀の期間と被っていたこともあり現地のタイ学生に前国王関連の場所にも色々連れて行ってもらうことができた。タイの人々がどれだけ国王を愛しているのかを知れ、日本との文化の違いを再認識することができた。



2017 AIMS Activity Report in Thailand

Name	Ayano Nakai	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

I participated in epidemiology, small animal, pathology and microbiology one and a half months, and I participated in large animal and wildlife・exotic animal one and a half months.

At first, I thought that to study abroad for three months were very long, but time flew.

I can't believe that three months passed. In this term, I could observe many clinical cases and could treat many diseases. I had many good experiences because I couldn't do them in Japan.

★ Epidemiology

I'm not good at epidemiology so I felt this unit was the hardest for me. I learned statistical analysis and actually used it by using computer. We also studied about sampling and I went to Lop Buri which is the place we made the proposal about water pollution.

★ Small animal (surgery and internal medicine)

I studied in surgery unit and internal medicine in Hua hin. At first, I felt inconvenience to Hua hin because our dormitory was far from convenience stores and restaurants. But the doctors in here taught me many things and took us out for dinner all the days. It made me enjoy the class in this place. In this unit I studied in outpatient department and surgery unit. I could observe many kind of diseases in O.P.D, and could practice the sutures.

★ Pathology

I could conduct necropsy of dog. It was first time for me to conduct the necropsy of small animal, so I felt it was precious experience. I also did case study. In this study, we detected the abnormal value and considered the cause of death.

★ Microbiology

It was first class which we could study with the student in Thailand. All Thai students in my group were very kind, and always tried to help us. We conducted the case study and PCR to the virus which we considered the cause of disease.



➤ The X-ray of the fish

★ Wildlife・exotic animal

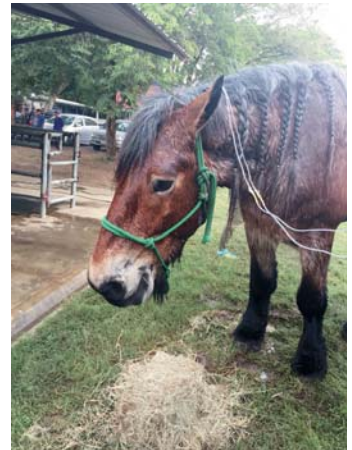
I regretted that I couldn't go to the forest in Kanchanaburi, but I could see many kind of animals and learned the anatomy of exotic animals.

★ Bovine unit (Nongpho)

I went to Nongpho and practiced about bovine for a week. I went some farms and could observed some kind of diseases, I especially saw hoof trimming.

★ Equine unit

I could see some horse that left an impression on me the most is the Belgian draft horse which is one of the biggest horses in the world, and we took care of the horse. It was precious experience for me.



➤ belgian draft horse

★ Bovine unit

For first week, I visited some farm and stayed in bovine hospital. I could do rectal palpation many times. I had less chance to do it in Japan, so I couldn't touch the ovary that time. But I could understand the position of uterus and ovary through the practice in Thailand, finally I could touch it in this unit. It was good experience for me to do it.

★ Life in Thailand

I could eat many kinds of food. At first, I don't know much about food in Thailand, so I always order same foods. Finally, I came to be able to order many kind of foods. Some of Thai food are very spicy, so sometimes I needed to order "not spicy please".

I sometimes went to market. There were many shops. What impressed me most was sushi shop. I thought raw fish was dangerous so I didn't try it.

We ate even the insects. It was first time for me to eat insects, and enjoyed the taste. So I bought insect snack for souvenir.

There are so many temples in Thailand, so I could visit some famous temple in Thailand. I had less knowledge to the history of Thailand, but I could enjoy the beauty and grandness of the temples.

I could go to trip many places, for example Kanchanaburi, Surin, Chiangmai and so on. I enjoyed all the places and took many pictures.



I'm grateful all the people who supported me.

2017 AIMS Activity Report in Thailand

Name	Hayashi Fumiya	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

3 ヶ月にわたる世界展開協力事業タイ派遣を修了したのでここに報告する。今回のプログラムは、前半6週間は、バンケンキャンパスとホアヒンの動物病院にて獣医公衆衛生学、微生物学、病理学、伴侶動物のクリニカルローテーションを受けた。後半の6週間は、カンペンセンキャンパスにて大動物（エキゾチックアニマル、野生動物、馬、牛）のクリニカルローテーションを受けた。今回はバンケンキャンパス、ホアヒンホスピタル編、カンペンセンキャンパス編、タイの生活編の3つのパートに分けて報告したい。

①バンケンキャンパス、ホアヒンホスピタル編（9/9～10/20）

・獣医公衆衛生学（9/11～9/22）

2週間公衆衛生学の授業として疫学を学んだ。内容として1週目は統計学的処理などの疫学調査の基礎を学んだ。2週目は疫学調査の対象であるロプリー地域で疫学調査を実際に行った。

そこで得た情報をまとめてプレゼン発表をした。また、スワンナプーム空港での獣医師の検疫業務について学んだ。

・伴侶動物クリニカルローテーション（9/25～9/29、10/16～10/20）

2回にわたってホアヒンの動物病院に移動し、内科と外科を2週間学んだ。

内科では、日本人1人がドクター1人の診療業務について実習を受ける形だった。1症例ごとに丁寧に説明していただいた。外科では、日本人4人がドクター数人の手術を見学した。そのなかでも、助手や皮膚縫合をさせて頂く機会も多くありとても貴重な機会だった。

・病理学・微生物学（10/3～10/13）

一週間は病理学や神経病学、野生動物学などのケーススタディ形式で授業を行った。その中で、病理学では実際に亡くなった犬を病理解剖し、死因などの特定を行った。

微生物学では、タイの学生の授業に参加した。微生物学もケーススタディ形式で行った。少しずつ情報が与えられ、それについて何度もディスカッションを重ねる方法で授業が進み、実際の診断と治療の流れを理解することができた。



②カンペンセンキャンパス編（10/30～12/8）

・Bovine unit at Nong Pho（10/30～11/3）

カンペンセンキャンパスからノンポーという地域へ移動し、1週間かけて病院で牛の実習を行った。

内容として、日本人2～3人とタイ人合わせて10人班を2～3グループにわけて、先生と一緒に往診するものだった。オーナーへの問診、身体検査、投薬など生徒主体となっていくことができた。また、先生から与えられた症例についてプレゼンを作成し、類焼鑑別や今後の治療方針や追加検査などを発表、提案した。

与えられたケースは特徴的な症状を示さないものもあり、最終診断することが難しい症例に対するアプローチについて考えることができた。

・Wildlife unit（11/6～11/10）

バンケンキャンパスに戻り、ペットのエキゾチックアニマルの診療を行った。闘魚やフクロモモンガ、カワウソや鳥類、爬虫類など、動物病院で見かけたことがなかった動物がたくさん訪れ、その種に合わせて診断、治療していた。また、私の班は都合によりカオヤイ国立公園に行くことができなかった代わりにマヒドン大学に行き、野生動物の保護についての講義を受けた。その後、野生動物を自然に戻すためのリスク評価についてプレゼンを行った。

・ Equine unit (11/13 ~ 11/24)

馬ユニットではキャンパス内の病院で実習を受けた。2班合同で病院にやってくる馬の診療を行った。1つの班を2つのグループに分けられたあと最低1症例を任せられ、身体検査や治療、プレゼン発表を行った。来院する馬の数は非常に多く担当馬以外にも診療する機会が多くあった。担当馬は運動失調を示しておりその治療として鍼治療を行っていた。またタイの学会発表に同行させていただくことができ、そこで鍼治療の症例報告、講義を受けた。

他には、バンコクの軍施設内で開催された馬術の国際大会も見学することができた。そこでは使用される馬の身体検査や大会前の治療の制限などを学んだ。

・ Bovine unit II (11/27 ~ 11/30)

大学内の病院での診療と、ノンポーでの実習と同様に往診に参加した。このユニットでは班を3つのグループに分けた。創傷性第二胃炎・心膜炎やブルセラ症、卵巣嚢腫、難産など教科書で学んだことのある症例を多く見る事ができ、とても印象に残った。グループで担当した症例のうち、2症例をプレゼン発表する予定だったが、ビザの追加申請の都合により日本人は1つしか参加できなかった。

・ Bovine unit I (12/4 ~ 12/8)

大学内の乳牛農場（デモンストレーションファーム）で実習を行った。実習内容として、直腸検査・超音波検査による妊娠鑑定、農場における問題改善のプレゼン発表を行った。

妊娠鑑定は実践的なもので、生徒が何度も直腸検査し超音波検査で自分の診断が正しいか確認した。このことにより直腸検査での卵巣触知の経験を積むことができ、超音波画像の読み取りもできるようになった。また、デモンストレーションファームには多くの問題があり、それを特定するためにデータ処理してまとめ、改善策をプレゼンにて提案した。



③タイでの生活編

・ 食事

バンコクに滞在した期間は留学始めということもあり、特に食事について気を配っていた。私は、昼食を大学の食堂で食べる以外はほとんど、ドミトリーを出てすぐにあるコンビニで食べ物を買っていた。また、タイの料理は味付けが濃く、とても辛いものが多かったので慣れるまでかなり時間がかかった。

バンコクにいる間タイは雨期だったが、主に屋内での生活だったためそこまで苦労はしなかった。ホアヒンでは病院敷地内にドミトリーがあり、日本人だけで敷地外に出ることは許されていなかった。そのため夕食はほぼ毎日先生たちに連れて行ってもらい、大変お世話になった。

カンペンセンでは、不幸なことに食中毒になってしまった。他の日本人よりも安全に注意を払って食べていたにも関わらず起こってしまったので、コンビニの食品以外で安心して食べることができなくなった。

・ 休み

バンコクでは、週末はおもに近場に出かけていた。カンペンセンでの生活が始まる前は、一週間休みがあったので、クラブやピピ島に旅行していた。カンペンセンでの生活が始まってからは、班の友達と過ごす時間が増えたが、授業内容もハードなものになったため主に週末は休息に充てていた。

・ その他

カンペンセンではドミトリーが大学内にあり、自転車を借りて生活していたが、借りた自転車が何度もパンクしたので不便だった。そのたびにタイの友達にお願いして車に乗せてもらっていたため大変申し訳なかった。タイでの生活は不便で慣れないことも多くあったが、そのたびにタイの学生や先生に助けて頂いた。彼らはとても優しく、彼らのフォローがあったおかげでこのプログラムを最後まで行うことができたと思う。

2017 AIMS Activity Report in Thailand

Name	Hiroyuki Miyake	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

3か月間のAIMSプログラムについての活動報告を作成する。私は4週間バンケンキャンパス、2週間ホアヒンキャンパス、6週間カンペンセンキャンパスで過ごした。バンケンでは疫学、病理学、微生物学、ホアヒンでは小動物内科と外科、カンペンセンでは牛、馬、野生動物、エキゾチックの実習を受けた。それぞれのユニット毎に今回の活動を報告する。

〈バンケンキャンパス〉

・疫学

3つのグループに分かれて疫学調査のプランを立て実際に調査を行い発表した。私たちのグループはゴミが水道水に与える影響について調査した。さらにスワンナプーム空港の見学にも行き検疫やスワンナプーム空港の歴史などについても学んだ。日本の授業とは形式が違ったため、やりにくい部分もあったがそれを乗り越えたことで少し成長できたと思う。

・病理学

病理学ユニットでは主に細胞診や血液学、検死解剖を行った。英語での専門用語が非常に難しくついていくのが大変だったが、実際にそのスライドや血液の寄生虫などの標本を顕微鏡で観察するとより理解が深まった。検死解剖では腫瘍の犬の解剖を行った。大学では牛の解剖しか行ったことが無かったのでとてもいい経験となった。

・微生物学

微生物学ではタイ人の学生たちと一緒に授業を受けた。講義は2つの症例について細かい情報がそれぞれ与えられて、それに基づいて毎回ディスカッションし1から病気を特定していくというものであった。さらにその2症例のPCRやRT-PCRを実際におこなった。私にとって初めて行う授業形式だったが、タイ人の生徒が優しくやり方を教えてくれた。

〈ホアヒン病院〉

・小動物内科、外科

私たちはバンケン組とホアヒン組に分かれて小動物の勉強をした。小動物内科では主に日本の1次診療のような症例が多く来た。活動としては1対1で獣医師と診療に出てその後獣医師に症例について質問するという流れだった。小動物内科で一番印象に残った症例は狂犬病疑いの犬だった。これは日本では見ることでできない症例なのでとてもいい経験となった。小動物外科では獣医師の手術を横に立って見学したり、実際に助手として獣医師を手伝ったりした。小動物外科で一番印象に残った事は実際の手術で縫合を自分が行ったことだった。ホアヒン病院では内科、外科どちらも野良犬の症例が多かった。



微生物学



ホアヒン病院の先生との写真

〈カンペンセンキャンパス〉

・馬ユニット

馬ユニットでは1グループ5人で構成されていて、私のグループは日本人2人とタイ人3人であった。各グループ担当の馬を割り振られた。私のグループの馬は原因不明の消化管疾患であった。学生自身が鼻からチューブを挿入し胃液を採取、胃を守る薬を投与、身体検査などを毎日2週間行った。担当している馬が毎日の世話で日々体調がよくなっていくのを見ているととてもうれしかった。1週目にはタイの軍の馬の病院に行って病気の治療や歯の手入れの見学や、2週目にはレース用の馬の牧場に行って手術後の経過観察や去勢の手術の見学をした。そして2週目の最終日に発表を行った。さらに日本人学生だけで先生と馬の病気についてディスカッションを行った。

・牛ユニット

①大学病院

ここでは3班に分かれ、獣医師の往診についていくか大学で待機して外来を待つ形式であった。往診では近隣の農家を車でまわっていくというものであった。症例としては乳房炎や蹄病が多かった。外来では治療中の牛の世話や山羊の手術を見学した。

②デモンストレーションファーム

ここでは2班に分かれ、自分たちでテーマを決めデモンストレーションファームで実際に調査するといったものだった。私の班ではBCSとケトosisの関係性について調べるためにBCSを調べ、採血を行い血中のケトン体の測定を行った。さらに直腸検査、エコーを用いた妊娠検査のやり方についても学んだ。

③ノンポー

ここではノンポーにある大学の病院へ1週間泊りで行き4班に分かれ、獣医師の往診についていく形式であった。症例としては乳房炎、子宮捻転、蹄病、子牛の肺炎などがあった。

・野生動物・エキゾチックユニット

野生動物ユニットでは大学内の象の病院で、象について基本的な事を学び、実際に蹄病の象の治療を手伝った。私の班はVISAの延長の手続きで行くことが出来なかったが、森の中の野生の牛を見に行った班もいた。

次にエキゾチックユニットであるがここでは2日間バンケンキャンパスへ行き3班に分かれ、タイ人の生徒が実際に診療を行いその内容を英語で教えてもらい一緒に症例について話し合いをするという形式であった。カワウソ、ハリネズミ、マングース、インコ、ウサギ、カメといった日本の授業では学べない動物の症例を見ることができ良い経験となった。

・タイでの生活

タイは日本よりも物価が安いので、食べ物や衣類などがとても安く売られていた。タイでは食事を主に屋台で買って食べる習慣があった。私たちがタイに行っている間に前国王の火葬が行われた。タイ人は国王を尊敬していてたくさんの人が火葬に参加していた。タイ人の生徒や先生の人柄はみんな優しく、面倒見がよかったため慣れない土地で暮らしていくのにとっても助かった。




馬の歯の手入れ



蹄病の象

2017 AIMS Activity Report in Thailand

Name	Kana Fujihara	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

この度、世界展開力強化事業によるカセサート大学への3ヵ月間の留学を修了した。その活動についてバンケンキャンパス、カンペンセンキャンパス、タイでの生活の3点に分けて報告する。

(1) バンケンキャンパス (9/11-10/20)

①疫学 (9/11-9/22)

疫学の授業ではパソコンを使用して統計などについて学び、グループごとにテーマを決めて発表を行った。疫学は獣医学において重要な学問であるが、私はあまり得意ではなかったため基本的なことから学ぶことができて良かった。私のグループのテーマは水質汚染であった。授業で実際に現場を訪れ、材料採取の方法なども学ぶことができた。発表内容については調査方法や材料などすべてを自分たちで1から決めなければならなかったもので、とても苦労した。

②伴侶動物外科 (9/25-9/29)

伴侶動物外科では軟部外科で実習を行わせていただいた。このユニットでは手術の見学に加えて、実際に助手もやらせていただき、様々な症例を間近でみる事ができた。

先生方はとても親切で症例についても丁寧に説明してくださったので、英語の専門用語には苦労したが、理解を深めることができた。

③病理学 (10/2-10/6)

このユニットでは1日目に症例についてディスカッションをし、講義を受けた。2日目はイヌの病理解剖を行った。今までイヌの解剖を自分で行ったことがなかったため、実際に自分の手を動かして、自分の目で見て学ぶことができた。

3日目からは神経学、豚、野生動物、馬について講義を受けた。それぞれの分野について基礎から学ぶことができた。特に野生動物については日本で学んだことがなかったため、とても新鮮であった。

④微生物学 (10/9-10/13)

タイの学生と日本の学生のグループで、ある症例についてディスカッションをして診断を行っていくという授業であった。微生物学の授業がタイの学生との初めての合同授業であり、日本とは異なるディスカッション形式の授業に初めは戸惑ったが、タイの学生が発言する機会を与えてくれたので何とか授業に参加することができた。

⑤伴侶動物内科 (10/16-10/20)

伴侶動物内科では神経科、消化器科、外来、眼科で実習を行わせていただいた。

それぞれの科で検査方法や診断方法について学んだ。実際に飼い主に問診を行う機会もあり、診断に必要なことを的確に聞き取ることはとても難しいと感じた。



(2) カンペンセンキャンパス (10/30-12/8)

①馬ユニット (10/30-11/10)

馬ユニットでは1つのグループをさらに2つに分け、朝はそれぞれのグループに与えられた入院症例の身体検査や治療を行い、その後は来院した馬の治療を見学した。入院症例については毎日経過を観察し、2週間の実習の最終日に発表を行った。

今まで馬に触ったこともなかった私にとっては全てが新鮮で、毎日充実した日々を送ることができた。この実習では治療だけでなく、馬の扱い方についても学ぶことができた。

②牛ユニット (11/13-11/24)

牛ユニットは動物病院での実習が1週間、デモンストレーションファームでの実習が1週間の計2週間であった。

動物病院での実習では数人のグループに分かれ、先生の往診に同行させていただいた。実際に農場に行って、飼料や牛舎の構造など日本との違いを見ることができ、とても興味深かった。また、様々な症例を見ることができ、採血や注射などを実際にやらせていただいた。この週は水曜日と金曜日の2回、症例発表を行った。

デモンストレーションファームでの実習は2つのグループに分かれ、農場の問題点についてそれぞれがテーマを決めて発表を行った。

また、超音波検査についての講義を受けた後に実際に自分で超音波検査を行った。牛の超音波検査は初めてであったが、1人ずつ丁寧に指導していただけたのでとても良い経験になった。

③ノンポー (11/27-12/1)

ノンポーでは動物病院の時と同様に数人のグループに分かれ、先生の往診に同行させていただいた。この病院でも様々な症例を見ることができた。ノンポーでは特に直腸検査をする機会を多く与えていただき、とても良い経験になった。

④エキゾチックアニマル、野生動物 (12/4-12/7)

エキゾチックアニマルの実習は2日間バンケンキャンパスの動物病院で行った。エキゾチックアニマルの授業は日本で受けたことがなく、解剖も分からない状態であったがその分懸命に勉強できたように思う。野生動物ユニットでは病院で入院している象の治療を見学し、象についての基礎的な知識を得ることができた。



(3) タイでの生活

タイでの留学を終えた今、最も印象に残っているのはタイの人々の優しさである。タイに滞在していた間、先生や学生はとても親切に接してくれた。特にカンペンセンキャンパスではグループに分けられ、同じグループのタイの学生とともに過ごす時間が長かった。課題などが多くどんなに忙しい時でも明るく笑顔を絶やさず、常に私たち日本の学生のことを気にかけてくれたタイの学生には感謝してもしきれない。休日もタイの学生が観光に連れて行ってくれた。多くの寺などを訪れ、タイの歴史についても学ぶことができた。

次に私がタイに行く前から心配していた食事についてであるが、私は胃腸が強い方ではないため最初の1カ月は特に注意して、辛い食べ物などは食べないようにしていた。そのおかげもあり、腹痛などになることはほとんどなかったように思う。後半はタイの学生に様々なところに連れて行ってもらい、どのようなものがあるのか教えてもらいながら多くのタイ料理に挑戦し、楽しむことができた。

最後に今回、このような貴重な機会を与えてくださったすべての方々に感謝申し上げます。

2017 AIMS Activity Report in Thailand

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Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

3 か月間の AIMS プログラムが修了したので活動報告する。

9 月 9 日から 12 月 11 日までの三か月間タイのカセサート大学の獣医学部への留学生として、授業や実習に参加した。3 か月の間 VPH、小動物内科、外科、大動物（牛、馬）、エキゾチックアニマルと様々なセクションにわかれて実習をしたので、それぞれのパートにわけて活動報告をする。

① VPH (Veterinary Public Health)

VPH のパートでは計 4 週のトレーニングがあった。まず初週と二週目に疫学と統計学の授業及び実習を行った。主な流れは二週間かけて、疫学的調査の調査計画を作るというものだったが、これがこのプログラムの三か月間で私にとって一番難しい二週間だったと思う。私たちの班はテーマをゴミ処理場と地下水のサルモネラ菌汚染の関係と決め、これの調査計画を事細かに作っていった。その中で地下水の採取方法や統計処理を考え、先生と話し合い、却下されまた考え直すという工程を何度も繰り返した。もちろん授業内では話し合いは終わらず、ドミトリイに帰ってからも話し合いを行った。実際にそのゴミ処理場に足を運びフィールドワークも行った。また、統計学の授業では日本語でも完全には理解できていない難しい内容のものの講義を受け、自分の知識不足を痛感した。これらの実習は私にとって少し辛いものではあったが、これから私が研究室の活動に打ち込むうえでとても大切なことだと理解していたし、大変有意義なものを得られたと思う。

↓ 実際に足を運んだゴミ処理場



↑ VPH で一緒だったタイの学生と一緒に

また、このパートのなかで病理学、エキゾチックアニマル、馬、豚、神経学などの座学も受講した。病理学では犬の病理解剖を行った。私は日本では病理解剖の経験はなく、また犬の解剖も実際には行ったことがなかったので大変貴重な経験になった。

微生物学の授業では初めてタイの学生と共同で作業を行った。先生から症例を与えられ、それをグループで考えていくケーススタディの形で一週間授業を受けた。タイの学生と共に作業をしていくなかで、彼らの知識量の多さを感じた。特にブタについての知識は我々よりも遥かに多く、国の畜産の得意分野を反映していて大変興味深かった。タイの学生は獣医の専門用語を英語で学んでいてその部分でも劣っていると感じた。日本の獣医学の発展のためにも日本の獣医学教育もそうあるべきだと感じた。

② 小動物ユニット

小動物のパートでは主に外科、内科に別れ計二週間のトレーニングを行った。外科ではさらに整形外科、軟部外科、麻酔科などに別れ専門的な実習に臨んだ。実習の中で手術のアシスタントとして簡単な縫合や、歯石除去をやらせてもらう機会があった。これらは日本の実習では出来ない大変貴重な経験であった。また、内科、外科を通してカセサート大学の動物病院はとても広く様々な科に分かれていて設備も大変整っていると感じた。このような大きな病院で実習できたことは勉強になった。

③ 馬ユニット

大動物のユニットはカンペンセンキャンパスで実施された。

馬のパートでは二週間のトレーニングを行った。このパートでは小班ごとに1頭の馬を与えられ世話をした。私は馬に触ること自体ほぼ初めてだったので毎日が勉強の連続だった。また、病院に来院した馬の症例について班員と議論し最終日にプレゼンテーションをした。ここでは日本にはない感染症の症例をみることができ、それについて深く学ぶことができた。

④ 牛ユニット

牛のパートは大学病院と往診、デモンストレーションファーム、ノンポー病院を各一週ずつの計3週間のトレーニングを行った。大学病院とノンポー病院では来院した牛や羊を診察したり、先生と一緒に近くの農家へ往診に行った。デモンストレーションファームでは大学のデモンストレーションファームで問題を探しデータを見ながら班員とディスカッションをしてプレゼンをした。牛ユニットを通して、直腸検査をする機会が多く少しは直腸検査の腕が上達したのではないと思う。また注射や採血をすることも多く、日本での実習不足を補えたと思う。昨年まで見ることができていた口蹄疫の症例を見られなかったのは少し残念だった。

⑤ エキゾチックアニマル、ワイルドライフユニット

エキゾチックアニマルユニットではバンケンキャンパスの病院でエキゾチックアニマルの診察を行った。カメ、トカゲ、鳥、リス、モモンガ、ハムスターなどの様々な動物の診察を体験できてとても楽しかった。ワイルドライフユニットではゾウの削蹄を見学した。私たちの班は時間がなく外への調査に行けなかったことが残念だった。

↓カンペンセンでのグループ



↑カオマンガイ

⑥ タイの生活

タイでの生活はとても充実したものとなった。おいしいタイ料理と親切な教授陣と、なによりタイの友人はとても優しく私たちの生活をケアしてくれた。このプログラムでは獣医学的知識、経験を手に入れることが出来たし、英語力の上達にもつながったと思う。楽しくタイでの生活を過ごすことが出来た。本当にこのプログラムに参加してよかったと感じる。

2017 AIMS Activity Report in Thailand

Name	Kenta Inomata	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

I would like to write a report about three months in Thailand at this program. I applied to this program for two reasons. One reason was to learn the disease occurred in a tropical or developing country. Especially I would like to observe the cases of infectious disease with my own eyes. The other reason was to compare veterinary medicine between Japan and Thai. We spent first six weeks in Bangken campus. The schedule was according to an agenda like this table.

Week	Unit
1 (9/11-9/15)	Epidemiology
2 (9/18-9/22)	Epidemiology
3 (9/25-9/29)	Small animal surgery
4 (10/02-10/06)	Pathology
5 (10/09-10/12)	Microbiology
6 (10/16-10/20)	Small animal internal medicine

① Bangken campus

Epidemiology class was taken at first two weeks, first week I studied about concept of epidemiology and statistical skill. Second week we went to mountain that monkeys live in at Lop Buri and investigated problem this mountain has. Our group investigated about relationship between polluted ground water by microbial pathogen. We went to Suvarnabhumi International Airport to visit facility of quarantines. Before went to Thailand I had visited the Japanese quarantines facility, so I got to know that the numbers of employees and regulations applied to imported articles was quite different among two countries.



With Thai friends at microbiology

At third week and sixth weeks, I visited a lot of departments at animal hospital. Unlike in Japan, I could assist some surgery and treatment. To assist these surgery and treatment for 200-300 patients per day in this hospital was very precious experience for me.

In pathology class, I had a chance to necropsy of dogs for the first time. I studied about how to diagnose from necropsy, because pathologist must diagnosis from CBC result and necropsy.

We studied with Thai students at microbiology class. We discussed about case study and diagnosed. We did PCR and RT-PCR for definitive diagnosis. In Thailand at many classes about case study, unlike Japan every student discusses like this. And in this class I could study about infectious disease often occurs in Thailand.

② Kamphaengsaen campus

We spent the rest of six weeks in Kamphaengsaen campus. The schedule was according to an agenda like this table. In Japan, usually we have no chance to learn about equine deeply, but in Thailand we could study it for two weeks. This was good experience for me.

Bovine unit consisted of three activities: Demonstrate farm, house visit and Nong pho campus. First weeks we went to demonstrate farm in KPS. introduced to farm, after that, we choose and investigated the problem that this farm had. The results were summed up by statistics.

Weeks	Unit
1 (10/30-11/03)	Equine Unit
2 (11/06-11/10)	Equine Unit
3 (11/13-11/17)	Bovine Unit (demonstrate farm)
4 (11/20-11/24)	Bovine Unit (house visit)
5 (11/27-12/01)	Wildlife animal Unit
6 (12/04-12/08)	Bovine unit (Nong Pho)

2017 AIMS Activity Report in Thailand

We were separated to 2 groups and each group were left with patient and we everyday did Physical examination and treatment doctor instructed. I took pressure when my treating patient leave the hospital. I also had practice of lameness score and hoof trimming.

At house visit in bovine unit, due to the conflicted schedule in Bangkok, our activity was not much enough. Almost all the Japanese cow is for milking or meat, but there were also many cows for ceremony in Thailand. I also saw not only bovine but also other artiodactyl for example; sheep and goat. I could see the hoof timing of elephant had an abscess around hoof.

Third weeks in bovine unit, I went to Nong Pho campus. In this campus unit, I visited a lot of farm, I saw various patients and practiced rectal palpation. I had never detected follicle by rectal palpation, but I succeed in detecting it because of having many situations of rectal palpation.

It was shocking to know that farmers don't listen to what veterinarian says about improvement of the land. They simply inherited their farm without knowing its history. This is a problem to develop the farming.

Physical examination in Nong Pho

In Wildlife animal unit, I studied about how to treat and preserve wildlife animal, especially elephant. I hoped to go the national park to see and study about the banten, but I couldn't because at that day we needed to extend Visa. It was a pitty because no such chances of learning wildlife animal in Japan.



Throughout this program, though I could not observe infectious disease unique to tropical country (like Dengue virus), I got a lot of experience and fulfilling days.

With our group members

(view, little, view, rung, mook, blow, act)



③ Life at Thailand


I went to sightseeing spot for holiday to know and feel Thai culture. I respect deep faith to Buddhism and the king. Especially I was interested in faith to the king. King ix was pass away and with wearing black clothes, Thai people went into mourning for one year. Further more, funeral was hold for one week and at main day, so many people attend funeral held in Bangkok. I had never seen the person that be loved more than him.

I appreciate all Thai student. They are very kind and always smile to us. Though they are six grades and very busy to study, they took us trip and sightseeing almost every holiday.

The time I spent with Thai friends is very precious and my life treasure.



2017 AIMS Activity Report in Thailand

Name	Masaharu Ide	
Home University	Rakuno Gakuen University	
Period of time	9 September, 2017 ~ 11 December, 2017	
Host University	Kasetsart University	

I joined 3 month exchange program between Thailand and Japan. It was the amazing 3 month program. I had never had such a great experiences. And, I found a lot of differences between Japan and Thailand. I write down whole amazing experiences. I had big three parts, Bang Khen Campus, Khamphaeng Saen Campus and Culture & People.

In Bang Khen Campus

I had 5 sections in Bang Khen Campus. They were Veterinary Public Health, Surgery, Medical SP, Microbiology II and Internal Medicine. In Veterinary Public Health Unit, I studied the way of research with epidemiological statistics analysis. It was 2 weeks class, and all of the classes and activities were for making one perfect research. I had some basic information about Lopburi district and I made concept and proposal about my research. And I went to Lopburi to get information that need for my research. Finally, My group made and presented one long research paper. All in this unit, everything was done by student base. It was completely different from Japan. I had studied only method and principal in class, but we didn't have enough practice. Of course we had some practice, but it was not student base. In Thailand, I had to decide everything like what I do, how I do, when I do, why I do and so on. So I had to think deeply and carefully and collected so much information from paper. It was a repetition with discussing, reading paper and pointed out from the teacher. It was difficult for me in the first. But after graduation, I have to think and make decision like this unit and get information with correct judgment. All experiences in this unit were really meaningful and exiting for me. This was the first time for me like student base class.

In surgery unit, I joined orthopedics, soft tissue, maxillary faces and emergency. I was able to join some surgeries and help as assistant. During some surgery, the doctors asked many questions and told me much knowledge. And some time, doctors let me suture and separation. Many methods were different from Japanese. Most interesting difference was separation. In Japan, when we separate soft tissue, we use electrosurgical knife carefully to separate. In Thailand, they use electrosurgical knife in the first to cut skin. After that, doctors tear off vigorously. When I saw it at first, I got surprised it.



In Microbiology II unit and Medical SP, I had many classes and practices. In microbiology, I had 1 case study in 2 days with Thai 6 year students. It was the first class with Thai students.

They were very clever and good at English. Many of students are not returnees, but they knew many terms and words. I had some jealousy and respect for the Thai education level. What it means was that we have to change to like Thai students. And I think we can. In Medical SP, I had necropsy. Dog necropsy was first time for me. It was so exciting for me. Dr. Golf was so kind for us. He told me a lot of anatomy and lesion. Of course these 2 weeks, it was student base classes. Thinking myself has meaning.

In internal medicine unit, I joined orthopedics, radiology and OPD. In this unit, I could not do by myself a lot. I saw many cases and discuss with my friends and doctor. Cases in Thailand had different Back Ground from Japanese like environment, economic, common sense. So, I was surprised with it every case. Especially feeding, many customers feed the food for people. Some people bother it to feed people's food.

In Khamphaeng Saen Campus

I had 4 units in Khamphaeng Saen Campus. They were Horse unit, Bovine unit, Wild life

2017 AIMS Activity Report in Thailand

unit and Nong Pho unit. I studied all units with Thai students. They are Act, Little, View, View, Blow, Mook, Rung. All of them were very kind for me and so clever.

In Horse unit, I had 2 weeks in this unit. I had some cases and took care of them every morning. I was able to follow up my cases, so I understood about my cases deeply. It was really good chance for me, because I don't have horse class and practice in Japan. I didn't have enough knowledge about equine, so to make equine case presentation was really difficult for me.

Taking care of own case everyday was really meaningful. I was able to understand What normal is. Every morning, I took physical examination in same 2 horses, so I became to understand the normal gradually. It is impossible without real practice. I was made aware that how much we are poor at practice. I hope we can take the real practice classes in Japan. Even if I don't take large animal veterinarian, we have to know and understand what large animal is.

In Bovine unit and Nong Pho, I had 2 weeks in Bovine unit and 1 week in Nong Pho. I had a herd health analysis in domestic farm in Khamphaeng Saen. I saw and check a lot of item, and evaluated the farm. Of course, we prepared and searched by ourselves. I suspected many improvements and discussed many times. The all process were done by students. I thought deeply. I read paper. I searched in the internet. I made many concepts. All of them are the souse of my vet life. In Nong Pho, I had amazing and crazy experiences with Nong Pho Doctors. It was completely different from Japan. I went to farm everyday, and treated every case. The most surprising case was wounded case. The cow bitten by dog about 400 points. He lost his both ear. I cleaned and remove the hair whole body and cleaned the wound one by one. It was intensely in my brain.

In Wild life unit, I saw so many type of animals like rabbit, bird, momonga, turtle, otter, hedgehog and so on. Every case were strange for me, but every case I thought and evaluate with POMR.

It was really useful for diagnose. The way of thinking have to be theoretical.

I saw the elephant in campus. She had chronic wound and lameness. I had never touch such a big animal. It was the amazing experience.



Culture & People

I went to so many places on every weekend like historical heritage, big market, floating market, big city and temples. I couldn't count the temple I went. So many temple are in Thailand, and every temple has role and background.

I studied the history like development, war with Myanmar and WW2. The knowledge made me wealthy. Of course I studied about King Bhumibol Adulyadej. All people in Thai have the respect for him. I appreciate that I share the respect with thai people.

I got known so many people, teachers, friends, officer. Every encounter was grate and woderful. We were really happy to found each other. When I was Child my mother often said that Encounter and human connection make you strong and wonderful, so I have to appreciate for all people who be with me. This 3 month were great memory and amazing experience for me.


Finally, the all experiences in Thailand were amazing for me. Because doctors let us challenge everything and helped it. Please let me express my gratitude, Thank you very much for all people I met. I will come back to Thailand in the future. And next time, I want to talk with you as veterinarian.

I love Thailand and Thai people.
Thank you.



YUYA UEKI
TAKUYA OHTA
MOTOSHI OGURA
TOMOHA ODAGIRI
TAKASHI KASUGA
DAIKI NAKAJIMA
YU SANAI
MAO MIYAMOTO

2017 AIMS Activity Report in Thailand

Name	Yuya Ueki	
Home University	The University of Tokyo	
Period of time	31 July, 2017 ~ 20 October, 2017	
Host University	Kasetsart University	

三か月にわたる世界展開力強化事業タイ派遣を修了したので活動報告を作成する。今年は前半の6週間をバンコクから車で二時間程度の距離にあるカンペンセンキャンパスで過ごし、後半の6週間をバンコクにあるバンケンキャンパスで過ごした。カンペンセンキャンパスでは魚類、豚、鶏、牛といった産業動物と野生動物の実習に参加し、バンケンキャンパスでは小動物内科と外科の実習に参加した。それぞれのユニットごとに今回の活動を報告する。

<カンペンセンキャンパス>

・Aquatic unit (3日)

エビ、グッピーの養殖場の見学や魚の麻酔および手術の実習を行い、エビの疾病や魚の飼養管理に関する講義も受けた。エビの養殖場の見学では、飼養管理について説明を受けた後、実際に水質調査を行って管理が上手くいっているか確かめた。グッピーの養殖場では、見学した時病気が発生していたので、実際の病気の診断の流れを詳しく学ぶことができた。麻酔および手術の実習は、タイの学生と一緒にやり、麻酔の導入や覚醒の方法について学んだ。魚の飼養管理や疾病についてはほとんど学んだことがなかったため、知らないことが多かったが、この実習を通して理解を深めることができ、とても良い経験になったと思う。

・Swine unit (3日)

豚の農場の見学を行って豚の飼養管理について学んだり、豚の剖検を行ったりした。豚の剖検では、生きている状態で観察すべき点、剖検の手順、特徴的な病変についてなどを学んだ。タイではPRRSが流行っていることもあり、実習中に実質性肺炎と間質性肺炎の違いについて特に詳しく説明され、豚の呼吸器疾患について理解を深めることができた。豚の剖検は体験したことがなかったので、とても興味深くかつ貴重な体験であった。

・Poultry unit (3日)

鶏の農場の見学や雛および成鶏の剖検を行った。農場見学では、見学後に飼養管理に関する評価シートをつけた。この農場では感染症予防に関わる管理がほとんどなされておらず、とても驚いた。雛の剖検では雛の品質の評価を行い、成鶏の剖検では消化管内寄生虫による病変の評価法を学んだ。

・Wildlife unit (4日)

野生動物の実習は最も楽しみにしていた実習であった。というのも、日本ではほとんど野生動物に関わる機会がなかったからである。初めの二日間はロッブリーに行き、山に住むサルと街に住むサルの観察を行った。山ではサルがほとんど見られず、とても残念だったが、街ではたくさんのサルを見ることができた。そこはサルの街と呼ばれる観光地にもなっており、野生のサルがコロニーを形成して人々の生活を圧迫していた。サルとヒトの距離がとても近く、結核などの人獣共通感染症が危険視されており、どのように対処していくべきかについてとても考えさせられた。また、獣医師は都市部における野生動物とヒトとの関係改善といった動物の関わる社会問題にも専門知識を活かして対処していかなくてはならないということを強く実感した。後半の二日間は象の実習だった。この実習では、吹き矢による麻酔の練習をしたり、カンチャナブリにある鳥獣保護区へ野生の象を観察しに行ったりした。野生の象が見られたのはほんの一瞬だったが、見られてとてもよかったと思う。

・Bovine unit (3週間)

一週目はノンポーにあるbovine unitの獣医師について農場訪問をした。症例はフォローアップや妊娠検査が主であり、直腸検査の練習をさせてもらうことができた。直腸検査では初めてのうちはどこを触っているのかよく分からなかったが、先生方が丁寧に説明してくださり、回数をこ

なすうちに徐々に分かるようになって良かった。また、牛の身体検査についても詳しく学び、実際に病気の牛で身体検査を行う機会もあった。二週目はキャンパス内の demonstrating farm における実習であった。この実習では、実際に農場で起こっている問題について自分たちで調査し、経済評価を行ったり、対策を考えたりした。三週目はカンペンセンキャンパス内の bovine unit で一週目と同様に獣医師と先生について農家を訪問した。ケトosisやダウナー牛症候群などの症例を見ることができ、先生が症例に対して毎回詳しく説明してくださり、理解を深めることができた。

<バンケンキャンパス>

・小動物外科 (3 週間)

整形外科、軟部組織外科、麻酔の実習に一週間ずつ参加した。昨年まではタイの学生に混ざって実習を受けていたみたいだが、今年は日本人だけだったので、タイの学生と関わる機会が減ってしまい残念だった。整形外科、軟部組織外科では毎日手術に助手として参加した。手術に関して分からないことは、質問をすれば丁寧に教えてもらえた。手術中に先生から血管などの組織の名前や手術で気をつけるべき点などを質問されることもあり、解剖学の重要性を強く認識した。助手として手術に参加するというのは初めての経験で、手術を間近に見ることや縫合を実際の動物で体験することができ、またとない良い経験であったと思う。麻酔の実習は、去年までは自分で麻酔計画を立てるところからやっていたようであるが、今年は麻酔記録をつけるだけであったため、少し残念に思った。

・小動物内科 (3 週間)

タイでの最後の実習は小動物内科であった。カセサートの動物病院では診療は各専門科に分かれており、泌尿器科、消化器内科、神経内科、眼科、OPD などの各診療科を日替わりで見学した。外科と同様に内科の実習も去年までとは異なり、タイの学生と一緒にではなく、日本人だけであった。実習では、先生の来院した症例についての説明を聞いたり、身体検査や神経学的検査などを行ったりした。先生から治療法などに関して質問をされることも多く、大変勉強になったと思う。タイのオーナーさんは学生による診察を快諾してくださり、診察の仕方を学ぶのにとても適した場所であるように感じられた。

<まとめ>

タイに行く前は、英語があまり得意ではないため、現地での生活や実習に対して不安な気持ちでいっぱいであったが、タイの学生や先生方はとても親切で、困った事態になることはなかった。実習では、自分の知識不足や先生の英語が聞き取れないことによってほとんど理解できないこともあったが、その分危機感を感じて真剣に勉強することができたと思う。実習中に自分の意見を求められることも多く、積極的に意見を言うことの大切さがよく分かった。

様々な動物の実習に参加することで、それぞれの分野で獣医師がどのような役割を担っているのかを幅広く知ることができ、自分の将来について考えるうえで大いに役立つとても貴重な体験であったと思う。



2017 AIMS Activity Report in Thailand

Name	Takuya Ohta	
Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

7月29日～10月22日までの約3か月間にわたるAIMSプログラムを終え、その活動内容をここに報告する。前半の6週間はカンペンセンキャンパスで大動物の実習、後半の6週間はバンケンキャンパスで小動物の実習を受けた。

・カンペンセンキャンパス（大動物臨床、7/29～9/8）

＜魚＞

日本で魚についての学習というと魚病についての講義しか受けたことがなかったが、タイではエビ・グッピーの養殖所見学に行きタイでの海産物生産の現状や疾病について学ぶことができたほか、タイ人学生とともに魚の麻酔・手術の手技についての実習に参加し、実際に魚のハンドリングについても学ぶことができた。魚についての知識があまりなく、かつタイに来て初めての实習であり英語にも慣れていなかったため、ついていくのが大変ではあったが、貴重な経験であった。

＜豚＞

豚の実習では、農場見学に行きタイにおける豚肉生産の現状を学んだほか、農場で病気になった豚の剖検をする実習にも参加することができた。臨床症状の原因が何なのか、実際に臓器を見て説明していくのは面白かった。

＜鶏＞

鶏の実習では、豚同様ブロイラーの養鶏場に見学に行き鶏生産について学んだほか、ふ化直後の1日齢のひなの剖検、およびコクシジウムに感染した鶏の剖検を行った。見学に行った養鶏場は、地方の養鶏場であるためか、消毒槽はなく人と鶏の隔離の不十分で外部から人や車が容易に出入りできるような施設であり、衛生環境が悪く早急に改善が必要であると感じた。

＜野生動物＞

野生動物のユニットでは、まずサルについての実習に参加した。Erawan Non-Hunting Areaへ行き、この地域での人間とサルの共生について学んだ。また、翌日訪れたLopburi地方の都市部では、街中に数えきれないほどのサルが生息しており、サルの公衆衛生に与える影響や、ヒトとサルの人獣共通感染症について学んだ。

ゾウの実習ではKanchanaburiを訪れ、野生動物の保護するための環境づくり、保護した野生動物をどのように自然に返すかなどといったことを学んだ。Salakpra Wildlife Sanctuaryという区域は一般の人は立ち入れない保護区域であったが、特別に入らせてもらい野生のゾウを一瞬ではあったが観察することができ、貴重な経験となった。

野生動物の実習は日本では出来ないようなことをする機会が多く、野生動物について身をもって学習することができたが、私個人的には動物の処置を見たかったこともあり、少し心残りとなっていました。

＜牛＞

牛の実習は3週間あり、初めの2週間は農場を訪問し、定期検診や病気の牛の診察を見学させてもらうというものであった。最初の週はNong Phoの動物病院を拠点として周囲の農場を見学させてもらった。ここの先生は優しい先生が多く、身体検査や直腸検査をさせてもらう機会が多かった。直腸検査は日本でする機会がなく、初めは自分でも何をしているかわからない状態であったが、先生方のご指導のおかげで何度も何度もやらせてもらううちに卵巣や子宮の各部位を触知できるようになった気がした。次の週はカンペンセンキャンパスを拠点に同様に見学させてもらったが、乳房炎や蹄病、金物病などさまざまな症例の治療に立ち会うことができ、先生もユーモアを交えた説明をしてくれたので、楽しく実習をすることができた。

最後の1週間はキャンパス内のDemonstrating Farmでの実習だった。一つの疾患に注目し、その疾患により農場にどれだけの損害をもたらすのか、その疾患を治療するのがよいのか、データを整理し農場のために何をするのが正解かグループ内で議論し発表するというものだった。私たちのグループは蹄病を取り上げ乳量減少との関係について考えたが、乳量減少をもたらす要因はたくさんあり、どうするのが正解か分析し答えを出すのは難しかった。乳牛の群管理の難しさを学んだ実習であった。

・バンケンキャンパス（小動物臨床、9/9～10/22）

＜外科＞

バンケンキャンパスに移動してからの最初の3週間はキャンパス内の動物病院での手術に朝から夕方まで立ち会い、様々な手術手技や麻酔中のモニタリングについて学んだ。1週間ごとに整形外科、軟部外科、麻酔とローテーションした。

整形外科では様々な器具を用いた骨折や関節疾患の治療を観察した。印象的だったのはタイでは日本と違って交通事故による骨折、特に腸骨の骨折が多かったということであった。軟部外科では私自身が術者となって去勢をする機会があった。日本では術者はおろか助手ですらさせてもらう機会がほぼないため、非常に貴重な経験となった。麻酔では導入から覚醒までのモニターをした。消化管閉塞の手術の麻酔記録を担当することがあり、麻酔時間4時間にも及ぶ長い手術であった。手術中どんどん下がる体温が心配になったが、最終的に無事覚醒した犬を見て安心した。

外科ユニットでは日本では出来ない様々な経験をする機会が多く、いい勉強になった。

＜内科＞

タイでの実習最後の三週間は内科ユニットでの実習であった。動物病院の内科は神経科、泌尿器科、消化器科、眼科、放射線科、critical care unit（入院患者の世話をするユニット）、OPDなどとさまざまな科に分かれ、私たちは日替わりでそれぞれの診療科の見学をした。犬の身体検査や神経学的検査、眼科検査や超音波・CT・MRI画像の読影について基本から教えていただいた。自分の知識不足が露呈してしまった実習にはなったがもう一度基礎から学ぶことができた。

バンケンキャンパスでの小動物臨床の実習は、例年とは異なりタイの学生と一緒にすることがなく、私たちのみでの実習だったため、初めは不安であったが、やさしく個性的な先生方のおかげで楽しく実習を終えることができた。質問しやすい環境を作ってください、一を聞いたら十も百も教えてくれるような先生ばかりであったため、安心して学ぶことができた。

・その他

私は長期間の海外生活の経験がなく、始まる前は外国の人とコミュニケーションをとれるか、また英語を母国語としていないタイで獣医学という専門的なことを学ぶことができるのか、とても不安であったが、カセサート大学の学生や先生だけでなく、タクシーの運転手やレストランや屋台の店員さんと言葉の壁を越えてコミュニケーションすることの楽しさを覚えた。このように感じることもできたのも、タイ人のやさしさのおかげだと思う。



2017 AIMS Activity Report in Thailand

Name	Motoshi Ogura	
Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

3か月のプログラムは前半のカンペンセンキャンパスと後半のバンケンキャンパスの2カ所で行われました。

{ 前半 }

カンペンセンキャンパスでの実習は、初めの2週間で魚・豚・鳥の実習があり最後にプレゼンテーションを行いました。主に、午前中が講義で午後が農場訪問という形式となっており、初めの方は英語の授業についていくので必死でした。総勢8人で授業を受けていましたので、授業後や宿に帰ってからみんなで聞き取れなかったところを確認したりしていくうちに英語にも慣れ、授業中に質問をすることも増えていきました。例年よりも大人数でプログラムに参加しましたが、それでも普段の授業より少人数のため質問もしやすく、農場で説明を受けるのも不便がありませんでした。

いずれの農場についてもタイならではの特徴がありました。例えば、タイは一年を通して暑い気候なので遮熱ストレスへの対処は必要で、豚の農場では気化熱と換気による冷却システムを見ることができました。また、豚の繁殖と出荷のサイクルの段階ごとに飼育場所が分けられているなどの初歩的な知識も学ぶことができました。

牛の実習は3週間にわたり、最初の週はノンポーというところへ移動して農場訪問を行いました。獣医さんについて問診の様子を見て、聴診や直腸検査についてはやらせてもらうことができました。直腸検査は素人がやってもよく分からないと聞いたことがあり、実際、初めの方はどれが卵巣か子宮か全く分かりませんでした。しかし、何度もやらせてもらううち、子宮角や卵巣や黄体を見つけられるようになりました。本来はそこから左右の大きさの違いや黄体の有無などからその牛がどのような状態にあるのかを判断する必要があるのですが、それについては獣医さんの説明についていくことしかできず、基礎的な知識の定着の甘さや知識を使う能力の低さを実感しました。ノンポーの実習の最後には自分たちが見た症例についてのプレゼンテーションを行いました。

牛の残りの2週間はカンペンセンで行い、1週は農場訪問で、概ねノンポーのときと同じような雰囲気でしたが、削蹄を見ることが多い印象でした。また、水曜と金曜の2回プレゼンテーションの機会があり先生からのフィードバックが充実していたため、学ぶところが大きかったです。特に、あまり関係が無いと思っていた薬の作用機序と反芻とが繋がったときには感動さえしました。もう1週は牛の群れを対象として統計的な処理をするという実習でした。これについても最後にプレゼンテーションを行いました。また、牛の実習の最後でもあったため、3週間分まとめた口頭試問がありました。自分たちが見た症例を紹介し、先生が臨機応変に質問をしていく形式で、4人で2時間ほどの時間中ずっと質疑応答が絶えることがありませんでした。



牛に点滴をしました。

〔後半〕

バンケンキャンパスでは小動物臨床の実習をしました。先に3週間外科にいて後に内科にいました。また、ここからは酪農学園大学の学生の一部と合流して臨床実習をしていました。

外科は1週間ごとに整形外科・軟部外科・麻酔の3ユニットをまわりました。個人的に一番楽しかったのは整形外科で手術の速度がとても速いのに驚いていました。タイの整形外科にくる患者さんは交通事故や野犬に噛まれたなどの事故が多く、見る手術と言えは骨折の整復や大腿骨頭切除や断脚ばかりでしたが、術者により多少やり方が異なっていたり説明から受ける重要と考えるポイントが様々だったりして興味深かったです。また、たまに前十字靱帯断裂などもあり教科書で見た術式を直に見れたのは思うところがありました。軟部外科は子宮切除や去勢が多かったのですが、外科の中では症例の種類が比較的豊富でした。また、腹腔まであけるため汚染についてはより慎重に注意していました。あまり見たことは無いですが、東大の動物病院の方が重症な患者さんが来ているようで一次病院と二次病院の違いを実感しました。麻酔は各種パラメーターをモニターをしていたのですが、日本で実習した時以来忘れていたものを思い出す良い機会になりました。外科については毎週3症例についてのレポートを提出しました。内科は4～5人のグループごとに各ユニットをまわる形式でした。一日ごとにどこに行くか決まっており、外来が多めでしたが様々なユニットを見ることができました。猫専門の部門などは犬の匂いや鳴き声で興奮しないように猫しか入れてはいけない空間をきちんと仕切って作っており、看護師たちも猫の扱いに長けた人たちがそろっていました。世界的な基準で高く評価されているとのことでしたが、それも納得の病院でした。神経のユニットでは神経学的検査を何度かやらせてもらいましたが、動物の歩行を一瞬見て先生が問題のある部位を判断しているのに対して、自分たちは試験をしても繰り返し歩行を見てもどこが問題かを自信を持って言うには至りませんでした。臨床の現場のレベルの高さを身をもって思い知りました。エコーの現場を見たときも同様に判断の速さに感動していました。日本で実習をしていたときに、副腎を見つけ出すのが非常に難しかったのを覚えていたのですが、エコーの担当の先生は一瞬で見つけ出しますし、重要な画像を撮影する上で必要な獣医の知識をきちんと持っているため、異常のある部位のみならずその関連部位も確認していました。プロならば当然との見方もできるかもしれませんが、それだけのことをできるのはかなり勉強熱心でなくてはできないと思いました。

本筋ではありませんが、病院実習の中で個人的に印象に残ったことが、先生同士がよく話すということです。元々フランクな性格の人が多いだけかもしれませんが、症例の話にしるプライベートな話にしるよく会話していて、こういう土台があって密な協力が可能になるのではないかと勘ぐって見ていました。

〔旅行〕

魚の実習のときに先生がタイの学生と共同で実習をさせてくれたため、タイ人の友達ができました。彼らはみな驚くほど親切で、うち数名は旅行のプランを全部立てて付いてきてくれました。彼らのおかげで日々の生活や休日が充実したものとなりました。

事務の方も先生方も学生のみなさんもみんな優しく、おかげさまで実り多い3か月を過ごすことができました。



外科実習後の集合写真

2017 AIMS Activity Report in Thailand

Name	Tomoha Odagiri	
Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

三か月にわたる AIMS プログラムを修了したので活動報告をします。
前半の一か月半はカンペンセンキャンパスで主に大動物の実習を、後半の一か月半はバンケンキャンパスで主に小動物の実習を行いました。

<カンペンセンキャンパス 7/29-9/8>

1. Aquatic animals 7/31-8/2

エビやグッピーの農場見学、魚の手術を行いました。日本では魚病学の授業があったくらいで魚の実習はほとんどなかったため初めて知ることばかりでとても新鮮でした。また魚の手術はカセサート大学の学生と同じグループでやったので友達が出来て嬉しかったです。

2. Swine 8/3-8/7

豚農場の見学や子豚の剖検を行いました。豚農場はとても大規模なところで様々なユニットに分かれていて、どこも豚がたくさんいて圧巻でした。剖検では教科書でしか見たことのなかったような病気やウイルス、細菌が検出されたりと非常に勉強になりました。

3. Avian 8/8-8/10

鶏農場の見学、鶏とひよこの剖検を行いました。農場の衛生管理の指標や、剖検時の消化管内寄生虫の評価など今まで知らなかった評価法をたくさん学びました。

魚、豚、鶏のユニットの最終日(8/11)には一人ずつプレゼンテーションをしました。私は豚の剖検結果について発表しました。一人で英語でプレゼンテーションをするのは初めてでとても緊張しましたし準備も大変でしたが、その分真剣に実習で学んだことについて調べたりしたので身になってよかったと思いました。

4. Wildlife 8/15-8/18

最初の2日間はサルの、後半の2日間はゾウの実習を行いました。

サルの実習の一日目はエラワン国立公園の近くで植林をして、担当の場所に分かれてサルが通るか観察をしました。私の担当場所は人里に一番近いところだったからか実習時サルを見ることはできず残念でした。二日目はロップリーという町を見学しました。そこは本当に町中にサルがいてそれが観光の目玉になっているとはいえ、非常に人の生活を圧迫していて驚きました。

ゾウの実習では一日目にゾウについての講義や麻酔のかけ方を練習したあと、二日目にはカンチャナブリの山奥まで行きました。ぬかるんだ山道をトラックで走るといっても楽しい経験が出来たうえ野生のゾウの姿も見ることが出来ました。

5. Bovine 8/21-9/7

最初の一週間は Nongpho、次の一週間は KU VTH、次の一週間は Demonstrating Farm で三週間にわたり牛の実習を行いました。

ノンポーでは毎日違う先生について農家さんを回りました。毎日直腸検査をたくさんやらせていただくことができ、最後のころには自分でも少しは上達したのが感じられて嬉しかったです。また日本の大動物臨床の現場と比べ、ノンポーには女性の先生がとても多く、なんだかとても勇気づけられた気がします。最終日には皮下気腫の症例について発表しました。

次の一週間はカンペンセンキャンパスの VTH で同様に先生が農家さんに往診するのについて回りました。乳房炎、蹄のトラブル、肺炎の症例が多かったです。最終日には子牛の肺炎の症例について発表しました。

次の一週間は Demonstrating Farm で私たちのグループは牛の跛行についてデータをまとめ発表しました。何も知らないところからテーマを決め、自分たちで跛行スコアをつけ、経済損失について考えるのは大変でしたが面白かったです。

牛の最終日には口頭試験がありました。かなり緊張しましたが、先生方が様々な質問をしてくださったことで牛の病気についてより理解を深めることができましたと思います。

<バンケンキャンパス 9/9-10/22>

1. 外科 9/11-9/29

最初の三週間は外科の実習を行いました。一週間ずつ軟部外科、麻酔、整形外科をまわりました。

昨年までと異なり今年は日本人のみの実習だったため、タイ語を通訳してくれる人もおらず最初は途方に暮れましたが、先生方やインターンの先生に質問したりして徐々になんとかやっていけるようになりました。実習では主に手術の助手をし、器具の準備や作業の補助、縫合など様々な体験をさせて頂くことが出来ました。毎週3症例についてレポートを書かなくてはならなかったのは思ったよりきつかったですが、その分知識がついたかなと思います。

2. 内科 10/2-10/20

一日ごとにOPDや神経科、眼科、消化器科、画像診断科などいろいろな科を回りました。内科も日本人のみのグループでしたが症例の合間に先生が症例について説明をしてくださったため理解しやすかったです。外科の実習のあとだったため、内科での診断・検査が外科の手術へとつながって一匹の動物の病気が治っていくのだと実感しました。

外科の時もでしたが酪農学園大学の子たちと同じグループで回ったりしたので日本人の友達も増えて楽しかったです。

<生活>

タイの友人に連れて行ってもらったり、自分たちで計画を立てたりしながら放課後や週末は本当にいろいろなところに出かけました。タイの友人たちには本当にお世話になりました。タイはどこに行っても人が優しく、ご飯が最高に美味しく、買い物がとても楽しかったです。きれいな寺院にもたくさん訪れることが出来ました。行く前は自分の英語力が不安でしたが色々と不十分ながらもなんとか行きました。幸い大きく体調を崩すこともなくタイでの生活を満喫できたのでよかったです。

<まとめ>

最初は海外で三か月実習するということが不安でこのプログラムに参加するか迷った瞬間もありましたが、終えてみて本当に参加してよかったと思っています。単純にタイでの生活がとても楽しかったというだけでなく、日本ではできないような幅広い実習をさせていただき、毎日のようにタイの学生や先生、日本人の同級生と将来の話をしたことを通じて、獣医学のなかでも自分は特に何の分野に興味があるのか、自分が今後獣医師としてどのように世の中に関わっていきたいかがはっきりしたように思います。

実習中お世話になった東大のメンバー、酪農の子たち、先生方、そして何から何まで私たちを支えてくれたカセサート大学の友人たちと先生方に感謝したいです。本当にありがとうございました。



↑ 豚の農場にて



外科の先生方と一

2017 AIMS Activity Report in Thailand

Name	Kasuga Takashi	
Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

7月29日から10月22日までの3ヶ月間のタイ実習について報告する。

初めの6週間はカンペンセンキャンパスで大動物や産業動物についての実習を、後半の6週間はバンケンキャンパスで犬や猫を中心とした小動物臨床の実習を行った。

①カンペンセンキャンパスについて

7月31日から8月2日までの3日間は魚類についての実習を行った。タイで盛んな white shrimp 及びグッピーの養殖、病気についての講義を受け、実習として養殖場を訪れた。各農場で起きている問題や感染症について、病原体の同定や問題点、改善点の考察などを行った。3日目にはカセサート大学の5年生の実習に参加し、魚の麻酔、外科手技について学んだ。エビやグッピーの養殖場の訪問や魚の手術といった初めての経験ばかりで、海外での授業スタイルや学生生活も相まって、とても刺激的なタイ生活の始まりだった。

8月3日から7日までの3日間は、豚の飼育法や病気、病理解剖について学んだ。2日目には養豚場を訪問し、タイにおける養豚システムを学んだ。最終日には実際に子豚の病理解剖を行い、子豚の病状やその農場で生じている問題についての考察を行った。病理解剖は初めての経験だったうえ、様々な豚の病気についての理解を深められ、とても貴重な経験だった。

8月8日から10日の3日間は、鶏の飼育システムや病気、病理解剖について学んだ。実習では、訪問した養鶏場についての GAP 評価を行い、改善点を提案した。ひよこの解剖による農場全体の健康状態評価及び鶏の病理解剖による感染症有無の評価を行った。解剖するのに時間がかかってしまうと、感染による病理変化と死後変化がわからなくなり、とても難しい実習だった。

次の日には、これまでの総まとめとしてプレゼンを行った。早朝にはカセサート大学で毎年行われる農業セレモニーに参加し、カンペンセンキャンパスの全先生、全学生とともに田植えを行った。留学先の学校の行事に参加でき、大学の文化や伝統、ひいてはタイの文化についての理解も深まる、とても良い体験だった。

8月15日からの一週間は、野生動物ユニットとして、猿と象について実習を行った。初めの2日間はロップリー県に泊まり、猿と人間の共生及び猿の生態について学んだ。実際に森や市街地に生息する猿を観察した他、地元の方々と共に植林を行い、猿の生息する森を保護する活動にも参加した。地元の方々との交流はとても楽しく、また自分が植えた木が数年後にタイで森になっているというのは、何か感慨深いものがあった。

その次の2日間は、象やシカのといった野生動物の生態や保護についての講義を受け、野生動物の捕獲方法として麻酔銃や吹き矢の扱いを学んだ。その後、地元の小学生が見学に来たので、私たちが講師となり、吹き矢の扱い方をレクチャーした。さらに普段は関係者しか入れない保護区にバギーで乗り入れ、野生動物の観察を行った。運よく野生の象や猿を見ることができ、とても貴重な経験だった。

8月21日からの一週間はノンポーを訪れ、牛の実習を行った。牛の触診や聴診などを現場でしっかりと学ぶことができ、病気の治療や予防、牛舎や飼料についてのマネジメントを広く学ぶことができた。直腸検査や身体検査を日々何件も行い、臨床手技について実りある実習を経験できた。一週間の最後には農場で発生している病気についてや治療、予防法などについてプレゼンを行った。ノンポーの宿舎は原始的で、初めは一週間耐えられるか心配だったが、今となっては良い思い出である。



翌週からの2週間は、カンペンセンキャンパスで牛の実習を行った。一週はキャンパス周辺の牧場を訪問して先週と同様に実習を行い、一週はキャンパス内の牧場で特に日常のマネジメントを中心に学んだ。こちらもそれぞれの週の最終日にはプレゼンを行った。合計3週間、集中的に牛の臨床について深く学ぶことができ、農家の方や先生方との交流、そして英語でのプレゼンなど、様々な経験をする事ができた。

カンペンセンは緑と動物の多い広大なキャンパスで、そこを自転車で通学するのはとても心地よく、のびのびと充実した生活を送ることができた。学内では夜市やジムなど、学生同士の交流の場が多くあり、とても楽しい学生生活だった。野犬や虫の多さに初めは驚いたが、それも今となっては懐かしい思い出になった。

②バンケンキャンパスについて

9月11日からはバンケンキャンパスに移動し、小動物の外科と内科について実習を行った。

初めの3週間は外科に所属し、整形外科、軟部外科、麻酔の3セクションを一週間ごとに実習した。手術中は助手として手術に参加し、その外科手技や病状などを、先生から間近に教えていただきながらリアルタイムに学ぶことができた。最も基本的な解剖学的知識が不十分だったうえに、専門用語の英語をほとんど知らなかったため初めはかなり苦労したが、実習が進むにつれて知識がついていき、とても勉強になった。麻酔科では手術中の麻酔記録を行い、麻酔の臨床的な知識を深められた。特に先生によっては最後の縫合などを学生にやらせていただき、何回も縫合をできたのはとても貴重な経験だった。

次の3週間は内科ユニットに移動し、泌尿器科や神経科、CCUや眼科、外来、猫科、放射線科など様々な診療科を巡った。内科ではオーナーさんへの問診を学生が行ったり、身体検査や神経学的検査を行うなど大変勉強になった。外科ユニットでは主に手術中の麻酔科の動物を取り扱っていたのに対し、内科ユニットでは意識のある動物の取り扱いを学べた。

カンペンセンキャンパスと同じく、先生方はとても親切で、学生との交流もあり、とても充実したキャンパスライフを送ることができた。カンペンセンと比べるとかなり都会だったため、キャンパス周りの屋台巡りや中心地での買い物など、学業だけでなく普段の生活も大変充実したものであった。また、酪農学園大学の学生とも6週間実習を共に受け、交流することができた。



③タイ生活について

休みの日には旅行に出かけ、タイの観光地を巡り、各地でタイの文化、歴史についての理解を深めた。普段の生活ではとくに食事が楽しかった。タイ料理は基本的に辛かったが、日本人の舌に合う味付けで、どれもこれも非常に美味しかった。また、屋台では価格も非常に安く、タイの食生活は充実していた。

タイは微笑みの国というのが本当にその通りで、屋台のおじさんおばさん、町の人たちは怖い顔した人でも話しかければ微笑み、とてもやさしくしてくれた。

なによりも、タイ学生にはとてもよくしてもらい、旅行に一緒に行ったり、普段の生活を助けてもらったり、本当に何から何までお世話になった。

留学期間中は、去年亡くなったプミポン前国王の葬儀期間ということもあり、普段のタイとはかなり異なる状況ではあったが、それゆえに普段では知ることのできなかったであろう王室の習慣や歴史などを学ぶことができた。火葬の直前に帰国してしまったが、その様子や国民がいかに国王を尊敬していたかなどがひしひしと伝わってきた。そういう意味でも、タイ国民にとっても貴重で重要な時期にタイに行けたということは、とても幸せなことだったかもしれない。



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Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

カセサート大学での3ヶ月間の実習を修了した。実習の前半はカンペンセンキャンパスで家畜動物、野生動物について学び、後半はバンケンキャンパスに移動し小動物について学んだ。考えたこと、気づいたことにも触れながら実習の内容をここに報告したいと思う。

* カンペンセンキャンパス

初めの2週間で魚、ブタ、家禽について学んだ。タイは観賞魚の市場が大きく、タイ国内での販売はもちろんのこと海外へも多く観賞魚を輸出していた。そのため観賞魚市場における獣医師の役割は重要であるように思われた。私たちはグッピーファームを見学し、熱帯魚の管理方法を学ぶと共にそのファームの問題点について考えた。また魚ユニットでは魚に対する麻酔と外科的手技をタイ人学生と共に勉強した。ブタユニットでは剖検や養豚場見学をした。剖検では実際の病豚に対して過麻酔による安楽死や剖検の手順を学びながら、病豚が何に罹患しているかを推測し、どの臓器を何の試験（細菌培養やPCRなど）をするかを決めるという作業をした。家禽ユニットでは養鶏場見学、ひよこの健康評価、成鶏の剖検をした。この2週間の実習について8人で分担してプレゼンテーションをしたが、自分は養鶏場見学について担当したため養鶏場についてとても印象に残っている。養鶏場は予想していた以上にひどい状況であった。GAP (Good Agricultural Practice) というタイの政府が定める評価基準に照らして評価したところ、urgent improvement という最も悪い評価であった。同様の飼育環境を持つ養鶏場は多いとのことだった。

初めの2週間で常に思ったことは、これらの実習は日本ではできないことばかりだということである。それぞれについて書くとキリがないのでやめておこうと思うが、本当に貴重な経験だった。日本では farm の問題点や患畜の病因について考え、どのように問題なのかをあげ、どのように改善するべきなのかを考えて議論する機会など一切ないと思う。タイでの実習はより現実的で、実際の現場で獣医が行うことを体験することができた。またこの期間の実習を通してタイの畜産振興と公衆衛生における獣医の重要性を実感することができた。

次の1週間は野生動物について学んだ。前半は市街地に住むサルと人間との間に生じる問題について、後半はゾウの解剖学や野生ゾウの保護について勉強した。前半は実際に Lopburi 県というサルが住みついた街に行き、状況を観察した。後半は Kanchanaburi 県という自然が豊かで、ゾウの保護地区へ出向き、野生ゾウの保護環境を観察した。

カンペンセンでの後半3週間はウシについて学んだ。このウシユニットでは大学内の農場の問題点について実際に農場での見学や農場のあらゆるデータから見つけ出し、議論しプレゼンする週もあったが、初めの2週間とは異なり、ウシの診療へ同行し直腸検査や採血をするなど、より臨床的なことを体験できた。人生で初めて直腸検査をしたが、初めは子宮を触知することすらできず非常に難しいと感じた。しかしながら回数をこなすうちに少しずつ上達していき、最終的には両側の卵巣を触ることができた。今回の実習ではおそらく20回以上直腸検査を行う機会があり、この実習に参加しなければここまで上達することはなかっただろう。ウシの実



習の最後には、口頭試験があった。自分が興味のある病気に関して先生方から詳しく聞かれるという試験形式だった。筆記試験とは異なり、誤魔化しがきかず、先生が回答で気になったことはその場ですぐに質問できるというところが大きな違いであった。慣れないスタイルでありとても戸惑ったが、いい評価方法だと思った。

* バンケンキャンパス

前半3週間は外科ユニットで勉強し、それぞれの週で軟部外科、硬部外科、麻酔について学んだ。基本的には一人の学生が一人の先生に付き、説明を受けたり、手伝ったりした。軟部外科と硬部外科ではアシスタントとして手術に参加することができ、皮膚縫合や麻酔の投与などをさせてもらった。タイの手術室内は自分が想像していたものとは違った。ラジオや音楽がかけられ、先生や動物看護師の人たちが笑顔で会話をしているという、とても雰囲気の良い空間であった。堅苦しく、緊迫したムードが流れる手術室とはほど遠いものであった。それに加えて先生方の人柄もあって、質問しやすい雰囲気であった。この2つのユニットでは自分の興味の持った手術について、術式とそのメリット・デメリット、術中に起こりうるアクシデントと実際に起こった想定外の出来事などをレポートにしてまとめた。麻酔ユニットでは麻酔前の身体検査から、麻酔導入から覚醒までのモニタリングや術後の疼痛の評価などを行った。手術中はモニターを見るばかりではなく実際の動物の状態や手術の過程にも気を配ることが大切であることを教えていただいた。後半の3週間は内科ユニットで勉強し、消化器科、神経科、泌尿器科、眼科、画像検査、CCU、猫のクリニックを回った。まず驚いたのはこの動物病院では人の病院のように科が細かく分かれており、初診は外来として一括で動物を診断し、その後その診断によりそれぞれの科に送られるというシステムであったということである。専門化されており、より良い診療が受けられるのではないかという印象を受けた。実習中は聴診や神経学的検査などの身体検査を行ったり、実際に飼い主に対して問診を行ったりした。多くの病気を見ることができ、それらに対する適切な診断と今後の治療方針について学ぶことができた。

* タイでの生活

タイに行く前は食事に関して少し不安があったが、タイ料理は安くて美味しく、最後は大好きになっていた。特に揚げた豚肉を使ったガパオライスがお気に入り、何食食べたかわからないぐらいである。しかしながら辛いものを食べた後にお腹の調子が少し悪くなることは多々あった。

週末を利用していろいろなところへ旅行に行った。プーケット、チェンマイ、ホアヒン、アユタヤ、カンチャナブリ、パタヤなど。プーケット島の近くの島でのシュノーケリングで潜った海は透き通っており、綺麗なエメラルドグリーンだった。またアユタヤでは自転車でたくさんのお寺をまわったが、夕日に照らされた寺の姿は圧巻だった。

交通手段としてバイクタクシーというものがあった。バイクの後ろに乗せてもらうのだが、渋滞であっても車の間を抜けながらスイスイと進んでいけてとても気持ち良かった。しかし少し危なっかしく少し怖くもあった。

* 最後に

今回このタイ実習に参加して本当に良かった。日本ではできないような多くの経験ができ、充実した3ヶ月間を過ごすことができた。それはいつも優しく丁寧に教えてくださった先生方や親身になって僕らの生活のお世話をしてくれたタイ人学生のおかげだと思う。タイ人はみんな親切で笑顔を絶やさず、ホスピタリティーがあり、いつも元気だった。そんなタイ人に支えられながら3ヶ月を楽しく、そして無事に過ごすことができた。本当にありがとうございました。



2017 AIMS Activity Report in Thailand

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Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 23 October, 2017	
Host University	Kasetsart University	

三か月のタイ実習を終えた報告をしたいと思う。三か月も海外で過ごしたことがなかった自分にとって、今回の経験は獣医的な成長だけではなく、文化的にも深化できたものがあった。それぞれについて、触れていければと思う。

1. 獣医の実習について

今回私たちはカンペンセンにおいて牛、豚、鶏、魚、野生動物と大動物の実習、バンケンキャンパスにおいて犬、猫と小動物の実習を行った。

1.1 カンペンセンでの実習

カンペンセンでは、家畜の飼養管理、病気のコントロールについて主に学べた。

豚、鶏、魚はそれぞれ3日間の実習を行った。それぞれの牧場に見学に行かせていただいたが、日本とは衛生管理の意識が大分違い家畜密度や施設のつくりにも大きな違いがあった。病気の疾病コントロールに対する利益と代償を考えると牧場に対して改善を要求するのときに難しい現状の中でいかに衛生を向上させていくのかはこの国の課題であろう。

魚の手術実習はカセサート大学の五年生と一緒に行えた。結局実習をタイ人学生と共に行えたのはこの実習だったのは、非常に惜しかった。とはいえ一回でも一緒に受ける機会をいただけたことには感謝したい。豚、鶏の解剖実習、剖検はそれぞれの解剖が完璧に入っていない状態で適切な器官を同定し、異常を見つけるのは非常に難しかった。異常を知る前に正常を知れとは日本でよく聞いていたが、痛感させられた。

牛の実習は3週間だった。日本ではほとんど牛を見てこなかったこともあり、自分は牛に対して苦手意識を持っていた。次第に慣れていき、苦手意識が消えたのはこの長い実習期間のおかげだと思う。東大では1週間しか実習がないことを考えると非常にこの実習には助けられた。

牛の実習で印象的だったのは口蹄疫のワクチン接種であろう。日本で口蹄疫のワクチン接種は口蹄疫感染制御の殺処分においてしか行われない。一方口蹄疫非清浄国であるタイ、更には去年 endemic な流行があったカンペンセン、ノンポーでは、感染予防としてワクチン接種が定期的に行われていた。自分も何頭かの牛にワクチン接種を行えた。日本で再び口蹄疫が流行しない限り、自分がワクチンを見ることは二度とないと思うと二度と見ないことを祈りつつ、ほんとに貴重な経験ができたことに感謝している。

野生動物の実習はサル、象を対象としていた。例年、猛禽類の実習があったと聞いていたので、猛禽類の実習がなくなってしまったことは非常に惜しまれる。ただ、ほかの実習後に猛禽類の診療所を訪れそれぞれの鳥の状況について説明をしていただけた。

サルの実習では野生のサルといかに人間が共生していくかというテーマで二日間ロッブリー県を訪れた。サルという人間に近い種だからこそ、人獣共通感染症などの問題が噴出する。そんな中獣医として、野生動物と人間の適切な距離をとるためにまちづくりに助言をしていたのは、獣医の仕事としての多様性を感じさせられた。

象の実習では、野生動物保護地区に行った。象はどうしてもアフリカのサバンナにいるイメージが強く、森の中に象がいることは俄には信じられなかった。自分は象をわずかにしか見ることができなかったが、森の中に確かに象がいるということは感じられた。



1.2 バンケンでの実習

例年バンケンでの実習はタイ人と共に行うものと聞いていて、今回もてっきりそういう実習だと思った。ただ、今年は日本人だけの実習とバンケンに移ってから聞き、最初は驚きを隠せなかったが、徐々に日本人だけの実習にも慣れることができた。

外科では、一人ずつ手術の先生について手術の実習や麻酔のモニターを行った。先生との相性によっては全くコミュニケーションが取れないこともあり、厳しい実習と感じたこともあったが、助手が自分一人だった故に、沢山のことを経験させていただけた。日本ではまずできない皮膚縫合や術野の止血を術者に迷惑が掛からないようにうまく立ち回るのとはときに難しかったが、非常に勉強になりました。

内科では、日本人四人一組で回りました。問診、身体検査、神経学的検査、血圧測定など様々な経験を行えた。英語で問診をとるのは非常に難しかったが貴重な経験になった。

2. タイの生活について

自分は海外で生活した経験がなかったので、まったく外国の生活のイメージができていなかった。コンビニエンスストアがあったりと日本と似ている部分も多く、思ったよりも苦労せずに過ごせた。胃腸を壊さないか心配しながら屋台でご飯を食べたり、乗り方もしっかりは把握していないバスに乗ったりと気をもんだこともあったが、日本ではできない体験非常に貴重だった。

せっかくなので、タイを文化的に深く知ろうと休日は、基本的に旅行をしようと決めていた。最終的に、プーケット、スコータイ、ホアヒン、スコータイ、アユタヤ、カンチャナブリと文化的に重要な土地は大分訪れることができた。

特に日本と関係が深いカンチャナブリは大事な旅行先だったと思う。第二次世界大戦中、日本軍が捕虜や現地のタイ人を労働力として鉄道橋を通したこの土地は、タイと日本の二か国を語る上では逃げてはいけな歴史が詰まっていた。

今の自分がタイと日本の関係をさらに深くできるとは思えないが、多くの日本人よりはタイのことを知っているのもまた事実。今回の海外実習での出会いを大事にして、いつか小さな懸け橋でもかけられたらとおもう。



カンチャナブリの木造橋



スコータイの大仏

2017 AIMS Activity Report in Thailand

Name	Mao Miyamoto	
Home University	The University of Tokyo	
Period of time	29 July, 2017 ~ 22 October, 2017	
Host University	Kasetsart University	

3か月のタイ実習を終えたのでここに報告する。

私たちは前半の6週間をカンペンセンキャンパス、後半の6週間をバンケンキャンパスで過ごした。

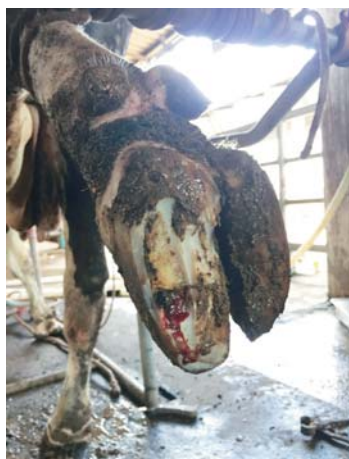
① カンペンセンキャンパス (7/29 ~ 9/8)

前半のカンペンセンキャンパスでは、魚、豚、家禽、猿、野生動物、牛といった主に産業動物や野生動物と人との関係について学ぶことができた。特に日本ではできないことや経験できないこと、例えば金魚の手術や野生の猿が人間の生活に及ぼす影響や共存の仕方などを学ぶことができ、とても楽しかった。

豚や家禽のユニットで印象的だったのは剖検である。日本ではもちろん経験はなく、また今後もおそらく経験する機会がないのでとても貴重で興味深い体験ができ嬉しかった。特に豚の剖検で肺炎を見たことが記憶に残っている。間質性肺炎と気管支性肺炎や細菌性肺炎とウイルス性肺炎の違いはおそらく教科書的には勉強しているが、実際に症例を自ら剖検、観察し診断を考えることはとても楽しく、難しかったが強く印象に残った。

野生動物のユニットでは野生の象を見られることを期待していたが、最後に少し耳が動いているのが見ただけであった。残念だったが、野生の象の警戒心やその希少さが身をもって体験できたと思っている。実際に象の診療を見ることは残念ながら出来なかったが、人間と象の関わり方、特に観光用に飼育したり調教したりすることに対する先生の意見を聞いたことが印象に残っている。日本では象に関してこんなにリアリティのある話は聞ける機会はないと思い、象だけでなく他の野生動物と人間との関わり合い方を考える良いきっかけになったと思う。

牛のユニットではとてもたくさんの実際の病気を見ることができて嬉しかった。おそらく農場の環境は日本のものとは違く、日本では見ることでできない病気を実際に見、その診断や治療を時には自分たち自らさせてもらえたことは大変貴重な経験だったとおもう。Farm Visitでは牛のボディコンディションスコアのつけ方や、身体検査の正しいやり方、直検による卵巣の見つけ方と卵巣の状態の判断の仕方を学んだ。獣医師が農家のもとへ向かうのは動物が何か病気をしている時だけだと思っていたので、妊娠検査や定期健診が多くの場合を占めることが実感でき、牛の繁殖が農家にとってどれだけ重要でどれほど獣医師が農家の生活に大きな役割を果たしているのかが理解できた。もちろん農家では病気を見るケースも多くあった。主なものは乳房炎や、白帯病、肺炎であり、私たちは環境性乳房炎と伝染性乳房炎の感染経路やその対策の違い、白帯病と蹄底膿瘍の違いや環境や栄養がどのように蹄病の原因となり得るのかを理解できた。また、肺炎やルーメンアシドーシスでは身体検査が重要となり、肺音聴診により副雑音を判断したり、打診による異常音を聴診したりすることで病気の診断を体験できた。乳房炎のケースは多かったが、農家に



よってその原因は微妙に異なっていたようで、投薬歴をきいたり環境を観察したりすることで獣医師が適切な処置をしていた。

主に実際の現場を見て臨床的な話をきくことが多かったが、Farm Visitの後に先生が時間をもって生理学的、薬理的な話をしてくれとても勉強になった。産業動物は、その農家の生活に大きく関わっているため、ただ病気を治療するのではなく、その薬が半焼成績にどのように影響を及ぼすのか、餌の配合や与える時期や時間帯、頻度が動物の生理状態にどのように関わっているのか、蹄病によってどの程度乳量に変化し、それは農家にどの程度の経済的な影響を与えるのか、など様々な観点からの視点が必要なことを痛感し、獣医師が産業に関わることの大切さや難しさ、やりがいの大きさを体感することができた。

② バンケンキャンパス (9/11 ~ 10/20)

後半のバンケンキャンパスには大きな大学動物病院があり、そこで伴侶動物の診療を学んだ。今年はタイの学生と班を組む機会がなくとても残念だったが、その分自分たちが診療に関われる部分も多かったのではないかなと思う。

初めの三週間は外科実習で、軟部ユニット、整形外科ユニット、麻酔ユニットを経験した。軟部と整形外科のユニットでは術者のアシスタントとして手術に参加し、手術台や器具の準備、出血部位の圧迫や縫合などをする機会をもらえた。間近で手術を見るのはとてもおもしろく、手術内容をきいたときには大手術を覚悟していたのに、いざ先生が執刀をするとほとんど出血がなく、痕もとても小さく綺麗なことに驚かされることが何度もあった。麻酔のユニットでは投与された薬の名前や投与方法をすべて記録する役割を任された。私は薬理学が苦手だがそれぞれの薬の作用や投与方法による違いを学ぶとても良い機会になった。

軟部の手術では特に OVH や腫瘍の除去、去勢を見る機会が多かった。日本と違い多くの犬猫が避妊、去勢されておらず、生殖器の病気も多かったように思え、避妊、去勢によって繁殖の抑制だけでなく防げる病気も多くあることを実感できた。そのほかには、緑内障による眼摘出やガマ腫による唾液腺の造袋術など、特徴的な手術を見れてとても楽しかった。

整形外科のユニットでは主に骨折や脱臼、十字靭帯断裂のケースがとても多かった。骨折の治療ではラグスクリューやピンを使った固定や、創外固定などケースによって治療法がすべて異なっており、単に骨折といっても部位や複雑さ、動物の年齢や大きさなど様々なことを考慮しなければいけないことが分かった。一番印象に残っているのは、交通事故によって上顎、上顎がともに縦に骨折し、眼球も損傷している猫が運び込まれてきたことだった。とても重症に見え、どのように固定するのか興味深く見ていたが、のちに教科書を読んで復習をすると同じ症例が乗っており、先生が行った術式も書いてあった。一見複雑そうな症例でも基本に立ち返り冷静に対処することが大切になると実感したケースであった。

後半の三週間は内科実習に参加した。特に私の印象に残っているのは神経学ユニットで、脊椎症や脊髓空洞症、半脊椎や椎間板ヘルニアなど多くの症例を見ることができ、レントゲン写真や身体検査、神経学的検査からどのように診断し、どのような治療を行うのかよく理解でき、とても楽しかった。

多くの病気は以前に日本で学んだことがあり、知っているつもりだったが、実際に症例を前にするとその病気がどのように飼い主と動物との生活に影響するのかということや、それぞれのケースに対しどのような治療を選択することが最善なのか、より深く理解でき、印象に残った。



CHAYADA PIANTHAM
SIRICHAT PUCHU
NATCHAYA SUKUMSAOWAPARK
NUANRAT NATEETAWEESAK
NANTHANAT REN
PIYAKORN THONGSUK
NITCHAKAN NAWAPUSANAKANOK
KANJARAT PIYALIKIT
NETNAPHA THONGYINDEE
PRIYANUCH PAE-UT
PHITHIWAT KAMONRATTANADILOK
YADARAT LINNAKKAEW
PINPRAKROM CHAIKONGKIAT
ANITHA CHUMKAM
JATUPORN KOMKHAM
JIRACHAYA TOYTING
PATIHARN VARARATTANAVECH
SUPATCHA CHUSANATHAS
YANISA PRAKOBKARN
WUTTIPORN RERKAMNUAYCHOKE

2017 AIMS Activity Report in Japan

Name	Chayada Piantham (Sandy)	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

To be honest, I wasn't interested in the AIMS program when I first heard of it. I thought it would be too much of a financial burden for my parents. But when I heard about the opportunities of entering graduate school in Hokkaido University, I suddenly changed my mind. I goal was to become a researcher. I was previously planning on enrolling in a Master's degree in Thailand and find a scholarship for PhDs abroad. Therefore, when I knew that if I come to Japan, I will get the chance to see and enroll for the graduate program there, I immediately decided to apply for the Program.

Once again, to be honest, I was very excited about going to Japan. Japan was one of my favorite countries in the world. I have always been fascinated with their culture and technology and way of life. I actually grew up with Japanese anime and manga.

The first few days for me in Japan was very exciting. Actually I was very excited for the whole three months. I learned new cultures, seen new things, experienced new weathers. I was impressed with everything I saw.

At Hokkaido University, I met new friends and new people. The senseis were very kind and eager to teach us. The only problem was the language barrier, with some people. Even so, we managed to communicate and understand what they were saying. It was fun and not a problem at all for me. Trying to communicate with body languages and guessing from the situation always bring out laughter from both sides. Therefore, for me, at the end of the day, we were all satisfied. I gained knowledge and everyone was happy.

During our stay in Sapporo, we tried to visit as many places in Hokkaido as much as possible. I could say that after the three month period, we have been to most important locations in Hokkaido even more than Japanese people themselves. Those places never disappointed me. At the beginning of every trip, I was somehow hesitating to go because I didn't want to spend so much money. But at the end, or even the middle, of every trip, I never regretted it. The landscapes were breathtaking. The journey with friends were fun. I was very happy that I decided to go.

I rotated in the small animal hospital inter medicine and surgery in Hokkaido University, and later on rotated in the laboratories. Many things were new to me. And also many things were things I already knew about. It was fun and challenging. I was able to compare between Japan and Thailand and decide which ones were more suitable for the situation. I even got the chance to attend the OIE international seminar on Avian Influenza. It was a very great opportunity for me.

I went to talk to Professor Kimihito ITO sensei about my further study plan. That was when my goal of coming to Japan was completed. It was never a better decision ever than this. I would like to thank everyone involved in this program who made this happened. It was so important to my life.

When I first moved to RGU, I really missed Hokudai. But later, I learned that I could

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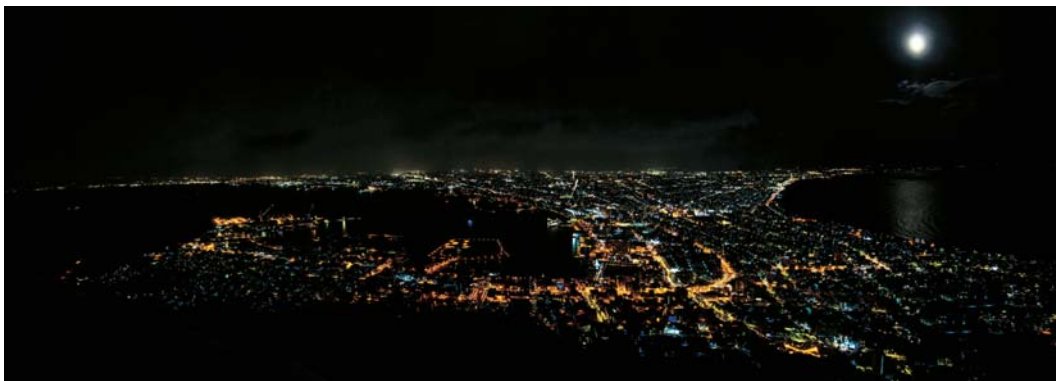
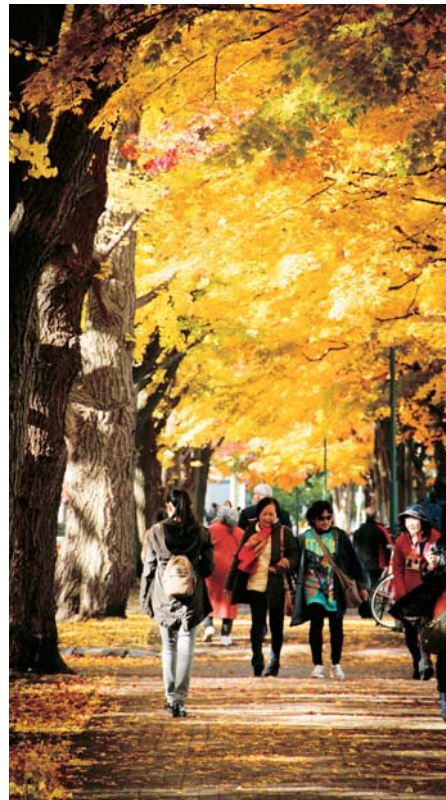
make the best moments of my life there too. It was different. I had a different lifestyle, different friends, and different subjects to attend.

RGU was totally different from HU. I was able to rotate in the large animal hospital, which was very fun and interesting. The students were very competent that I was surprised and impressed. I could say that I had a very good time there.

For the overall social experience in Japan, it was impressively good. Everyone was so kind to us. We were taken care of so nicely. I couldn't thank them properly enough.

At the end of the program, I seriously wish it didn't end. My life was so good. Everyone was so nice. The scenery was so magically beautiful. The weather was nicely cold and the snow was fun and beautiful.

Before we left, so many people created so many good memories. It was the memories that I will remember and cherish for as long as I could live. It was my best decision entering this program. I really hope that I will be able to come to Japan again as a graduate student, thanks to this program.



2017 AIMS Activity Report in Japan

Name	Sirichat Puchu (Manow)	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

I remember first day that I heard about AIMS 2017 program, I had strongly willing to participate this program. I applied it with not any hesitation and prepared myself as much as I could. We had to pass English skills test and interviewing by our teachers. When the day that I had to go came, I felt a bit nervous and worry. However, I still had 19 Thai friends who will face everything with me. We were divided into 2 groups, I belonged to group A that was included with another 6 people. Our group would start study from Hokkaido university first and then moved to Rakuno Gakuen university. We spent wonderful time about 6 weeks each. Firstly, I studied in Animal hospital at Hokkaido university for 2 weeks, one for internal medicine unit and one for surgery unit. I had many chances to observe complicated cases from history taking, physical examination, differential diagnosis, clinical examination and treatment as well. It showed me so many different things from Thailand. For next 4 weeks, I was in laboratories' rotation. Every laboratory had their interested topic to study about. I was really glad to have opportunity that could not find anywhere. However, one of my problem here was atmosphere in animal hospital. I really did not know why some of veterinarians there looked like they had the wall for us. They tried to avoid to talk with us. Anyway, from last year I think it was better now.

In part of laboratories' rotation, I really impress with all of them because firstly almost of staffs could speak English well and were willing to communicated with us. They taught us many interesting things which are sometimes I could not learn in Thailand. We did laboratory practice for example Polymerase Chain reaction (PCR) and ELISA. But, almost of laboratory practice was PCR, too much PCR for me now!! In addition, the thing that made me confused was the name of laboratories because we could not know their works from their laboratories' name. They work in different fields and also deeply content that sometimes I think it was not benefit for undergraduate students. Thus, the students would know just narrow views and it might be problem for national examination or their future. However, every country has their own style that maybe suitable with their life style and their country.



Life in Hokkaido university was adorable, as you know the university was located in Sapporo city. There are so many things to see and many places to visit. Sapporo city is communication center so it was very easy to travel from there. My friends and I went to many interesting places together. Shopping is not an activity that I like. I fell in love with natural and cultural attraction of Hokkaido. So, if I have any free time, I do not hesitate to go outside, explore more and visit as much as I can. Because I think we come here not only for study, but also for finding new experiences. We come for live a life worth, not for changing our working place or office. I had chances to see leaves

2017 AIMS Activity Report in Japan

changing color and snow!! These could be first time in my life. How beautiful they are!! Japanese foods were awesome too!! I have never tried sushi as fresh as here before. I really satisfied during being here.

I moved to Rakuno Gakuen university after 6 weeks in Hokkaido university end. First 2 weeks we had classes together in Public health field. That was the best part for me because I am interested in this topic and really want to attend graduate school relating with Zoonosis and Public health problem. I gained many knowledges from here and strongly believed that I can use them in my future. In 4 weeks after, our classes would take place in animal hospital. I started from small animal unit participating oncology and soft tissue surgery. It was my troubled time because of language barrier. Therefore, almost of Japanese people cannot speak English, so I received knowledge or anything less than my expectation.


Before I came here, I had some expectations such as gaining new experiences and knowledge, meeting new friends and also exploring beautiful places. Almost of them can be true but for knowledge, I think it cannot completely meet my expectation. Just for small animal unit that cannot get along with me. Anyway, I still appreciate to be here and will never regret anymore because large animal unit in here was very awesome. Japanese professor, teacher and students were nice and kind. I knew what I had to do and where I had to go. These were enough for me!!



Lastly, I would like to thank to everyone who involved with this program. Thank you for all staffs who worked so hard, thank you for Japanese and also Thai professor who gave us many useful knowledge, thank you for every Japanese student who helped us everything and thanks myself that did not give up to participate this marvelous program. I strongly hope we can keep continue this program to next generation. I am so thankful for the moments. It will be my beautiful memories forever.



2017 AIMS Activity Report in Japan

Name	Jatuporn Komkham	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University then Hokkaido University	

There was a hesitation in my mind before coming to Japan, it's about some anxieties to live with a new culture and environment and to be away from my country for long time because I had never been away from my home more than a month before. However, I kept saying to my mind that this is my chance to get experiences the others couldn't. I would say this is my first time here in Japan and of course, I haven't experienced about the people and their lifestyle before. However, everyone I've met here are really nice and full of generosity, especially my kind Japanese friends both in Rakuno Gakuen and Hokudai.



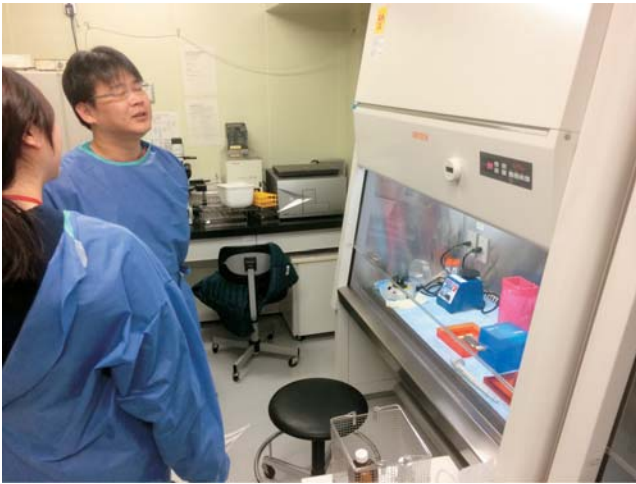
My life in Japan started first in Rakuno Gakuen. At the first two weeks, we had classes mainly in the Public Health issue and sometime, laboratories relate to the topics. My favorite one was GIS (Geographic Information System) class, it's quite new for me because in the past I learnt only veterinary medicine content but this class was different! Actually during the weeks, there're not so many classes to keep me

busy, so my friends and I traveled on some weekends such as Otaru and Furano. On the next two weeks, I started to rotate in the large animal clinic. This unit provided me lots of opportunities to perform some clinical procedures on cattle and horses, I was a surgical assistant for correction of abomasal displacement case, but the only thing that favored me was that I could go outside farm very often not only staying in the clinic. Also my activities in RGU small animal clinic went well with helps from doctors and my Japanese friends from small animal internal medicine unit, sometime I joined cardiology and ophthalmology examination rooms to observe some specific cases and sometime, rare cases I had never seen.



I would say my days in RGU had passed so quickly, finally I had to move to Hokudai, sad moment occurred because I had to say goodbye to my Japanese friends there, we traveled and stayed together many time but this day came. My life started again in

2017 AIMS Activity Report in Japan



Hokudai, here was quite different from RGU in many things such as my accommodation, group learning and urban area. In Hokudai, I think there're more intensive laboratory lectures and experiments than RGU. Almost laboratories we'd done were PCRs, but the objectives were different between our studies despite the similar procedure. In fact, I've never done any PCR before, but now I think I've already gotten used to it.

After a couple of week had passed, the snow came. I've never seen snow before in my life so this was something I was really excited about it even though others Japanese friends told me that they hate it.

During the last two weeks I was in the small animal clinical rotation. Everyone there kindly gave me any information I asked them, both doctors and students. In the last day of the clinical rotation, I had to present one case report, everything was doing well because I was helped by the professor, doctors, students and my tutor, I'm really glad to have them.

I spent months and weeks here until the final day comes. I was very happy to come to study here and lived among good environment and facility. I would like to share my experience here to my friends and family. Not only academic contents gave me lessons but also traveling. Who would know the person who only sits on his desk would achieve the goal faster than the traveler one? I cannot give the answer but at least my perspective of this world was widened and perceived what is going on out there in this world. Now I feel somewhat funny when I reminded to myself on the days before coming here, I had hesitated on my way and was afraid of living in a foreign country like Japan, but now I don't want to leave here, lol.



2017 AIMS Activity Report in Japan

Name	Natchaya Sukumsaowapark	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

I once thought about being student exchange program in Japan since I was in 3rd grade of university. At that time, I had no idea about AIMS program even the name of it. I knew only some of my seniors attended to Japanese exchange program, and I hoped I could have a chance to go too, therefore, I applied to basic Japanese course at international language center in my university. 2 years later, I almost abandoned my dream when I was in 5th grade, but I eventually made a decision to join this program. Hopefully, I could improve my various types of skill after finish of this program.

This was my very first time to spend long period of time aboard and also my first time in Japan. I was a little nervous about them due to everything was new to me, not even life in Japan but also my fellows in group A. Some of them I rarely talked to them and we never did any activities together. Moreover, most things in Japan quite differ from my country such as climate, location of place, law, regulation, culture and language. Although our life in Japan at first didn't went so well, we enjoyed and made the most of time in Japan. Luckily, I got nice roommates so that the rest of times here was not so tough and filled with joy.

Firstly, I started my practice at Hokkaido univ. for 6 weeks. My first week was clinical rotation in animal hospital. After a brief introduction, I felt pretty lost because I didn't know much either what should I did or where I supposed to go. Everyone (even Japanese students) there seemed always busy, in addition to most of them could not speak English fluent and too shy to talk with strangers like us, therefore, I was afraid to interrupt them at first. We (Sandy, Manow and I) afterward realized that if we stood still only for observation and asked nothing we wouldn't get any information. Thus, we tried so hard to approach them first and communicated by speaking or texting in Google translate. The result was not bad as we found out that some of Japanese students were able to use English very well and they could help us a lot, for instance, they could provide us about cases' information and so on. The main barrier to communicate was technical term in veterinary medicine field. Basically, the most content, which students studied about, was written in Japanese. So, students always had a problem to explain us the exact meaning of them (This problem could be easily solved by Google translate). For most professors in hospital, they were so kind to us and willing to help, not only gave knowledge, but also provided further information we needed.

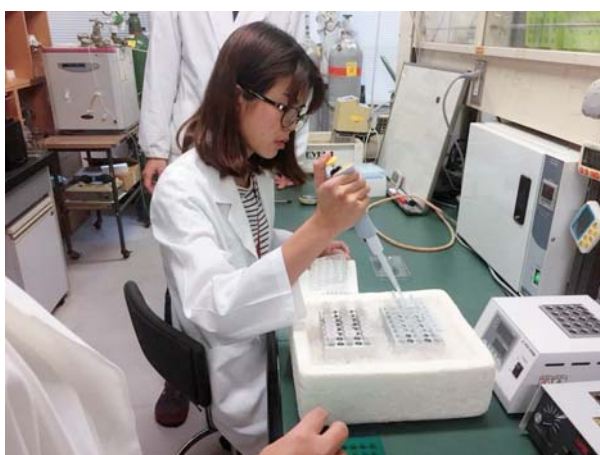
The laboratory rotation took the rest of weeks at Hokkaido univ. Their routine works were quite same in each laboratory in which conducted polymerase chain reaction (PCR). The topics of research were associated to what each lab concerned or interested about, but no matter what the topic was, they used PCR. Thus, we spent most time with this technique every day except the last week that was laboratory of theriogenology, which was my preference. We had good chance to observe cattle caesarean section, and practiced in some assisted reproductive techniques such as ovum recovery and embryo transfer. I was so excited and totally happy to attend this class.

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We moved to Rakuno gakuen univ in the end of October. Life in here was so comfortable, at least we didn't need to think about recipes for breakfast and dinner. We all took a class together in first two weeks. In laboratory rotation, we had done many joyful and interesting activities, and also gained a bunch of knowledge.

The clinical rotation was begun after 2 weeks later in RGU. Luckily, I chose the right place; department of ophthalmology, where surrounded by nice and kind doctors. My days with these doctors never went boring despite my works were only observation, holding patients and cleaning up the table. Being here, helping me brushed up my ophthalmology knowledge so much and also learnt new thing I had never know before. Afterward, my rest of time spent with large animal clinic. Most activities we did here were cleaning up stables every morning and evening. Other special activities I have observed were hoof trimming, necropsy, and persistent urachal removal. The most impressive thing in this unit was I could take my time to observe around cattle stable in hospital and farm. According to Hokkaido's information, there are the highest number of dairy cows compare with all prefectures of Japan. This was my one of main purpose that I wanted to come here. I was so surprised with every technology such as automatic manure scraper and automatic milking system. I hope I could apply this kind of thing in my country.

How time flies! We have already spent 12 weeks in Hokkaido. The precious moment always passed too fast. To summarized, not only experiences and knowledge that I gained from this program, but also awesome friendship between us and Japanese students (and also making Thai students get closer). Life in Hokkaido was unforgettable and meaningful to me. Sincerely, I could say that I have never regret enrolling to this program and my mind wouldn't be changed.



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Name	Nuanrat Nateetaweesak (MEOW)	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

I decide to join this program because this opportunity is first time for me to study abroad. I want to learn how veterinary students studying, how veterinary thinking for treatment and differential diagnosis case. To learn Japanese culture and the importance things are I want to know Japanese friends and practice myself to living abroad. I worry about my English language skill for communication because I don't know in Japanese language. I think this time will improve my language skill. I consulted with my senior that joined this program last year. They told this is a valuable experience that should to have.

First day in hokkaido I was very excited. This country is very beautiful, it has a gorgeous view. Teachers and friends prepared a good welcome party for us. They are very kindness and friendly. In Hokkudai University I did oocyte collection and artificial insemination in laboratory of theriogenology that I have never done before. In another laboratory is almost done in molecular experiment such as, polymerase chain reaction process, immunohistochemistry test, immunofluorescence test and strep-sp ELISA that are method for differential diagnosis. Teachers taught us many things that very useful.



They explained about their laboratory work and their student works. I knew study program of veterinary student that difference from Thailand. I saw learning equipment of laboratory of pathology in HU. This is a good experience for me to know different things from my country. Teachers and professors in laboratory are very good in English so, I understand that they taught and sometime I couldn't catch up with them. I stayed in animal hospital 2 weeks for internal medicine and surgery unit. I learned the way to thinking of Professors. Almost veterinary in hospital and students are not quite good in English so, it is a big barrier for communication. My friends are kindly and friendly I got help from them for explain and gave me information. Our tutors helped us for buy sim card, found the information that I asked and explained case for me. They made farewell party for us; takoyaki party and made some gift for us.

In Rakuno Gakuen University I think each laboratory had a way to teach in a different way from HU. It was a good way and made me more understand than the past in that topic. I learned many things and got new knowledge from here. All of teachers explained for us very well. There are a 2 assignments; assignment report and group presentation of herd health class about safety and sustainable food for delivery topic. My group did waste management in pig farm topic. I'm very impressed with Sugano sensei, he helped us very much. I consulted him about this topic so, he brought us to pig farm of RGU and lectured swine class for us. He is very kindness I liked him very much. I chose imaging diagnosis unit in animal hospital for 2 weeks.



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5th years students are not quite good in English but they tried to talk with me and explain the information to me. Veterinary in hospital explained to me all the times that I asked. Ours tutors of RGU took care for us very well, they prepared welcome party for us at izakaya restaurant. They helped us to buy new sim card and bus tickets to hakodate. They brought us to go to asahiya zoo, blue pond and shirahike water fall. They prepared farewell party at izakaya restaurant and came to send us at chitose airport. They gave us a souvenir gift that very cute.



All of 3 months I went to many places for sightseeing. Not only in Hokkaido but also another country near Hokkaido. The first place I went to Otaru and another place such as Moerenuma park, Josankei, Shakotan, Asahikawa, Nomoribetsu, Moiwa mountain, Okurayama ski jump, Historical village and Hakodate country. I saw characteristic of each country. I saw a nice view that I have never seen it before and I would like to saw it one time in my life. Before I backed to Thailand I had a chance to play ski. This was the first time for me, I was very excited. I think it was an adventure sport and very fun.

In conclusion from these 3 months in AIMS program is a great experience for me. I got it include I expected and didn't expect. I got a lot of knowledge, friendships from Japanese friends, learning Japanese culture and tradition and chance to go to travel in many places. When I met some problem I think this is a good opportunity for me, it taught me and made me grow up.

I need to say thank you for every staffs that prepared everything in this program, took care of us and worked too hard for us. Thank you every professors and teachers that taught me. Thank you all of Japanese students that helped and took care of us too. I will keep this memory in my mind and use this experience usefully in the future. ^^

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Name	Nanthanat Ren	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

Before I decided to attend this program, I was so hesitated that I should or should not attend, because I also want to study my 6th year in Kasetsart university and if I go to Japan, I had to spend amount of money by myself. Finally, I decided to attend because if I do not go, I will be regret this opportunity so much. My mother supported me so much, she said this may be my only chance to study abroad, so I should try. Moreover, my senior who attended this program last year told me if I want to get the experience you have never got and if you want to open your world view, just attend this program and go to Japan. So finally, I decided to go to Japan by attending this program and I think this is my best decision ever.

About my daily life in Hokkaido, I was in Japan for 3 months, since 17th September to 10th December 2017. First 6 weeks, I lived in Sapporo and studied in Hokkaido University. I lived in Hokkudai Mae apartment that far from Faculty of Veterinary Medicine only 7 minutes by walking. The apartment have every utilities I want and close to supermarket, so I feel very comfortable and convenient. I cooked by myself for breakfast and dinner and sometimes lunch because want to safe my money and sometimes I want to eat something spicy. Last 6 weeks I moved to Rakuno-Gakuen University, and lived in Seon-Ryo dormitory, dormitory inside university. This dormitory was so convenient because there were everything and we didn't have to cook by ourselves, the price was included breakfast and dinner. By the way, this dormitory had many rules that made me feel a little bit uncomfortable especially curfew time, because sometimes I also want to hang out in the night or to go to side seeing with friends or Japanese friends. First 3 weeks in Rakuno-Gakuen University, we still had bicycle for riding to anywhere we want, I enjoyed riding bicycle so much because without it we had to walked at least one kilometer per day. Unfortunately, we were confiscated bicycle in the 4th week, so after that we had to walk only.

About studying in Hokkaido university, we were separated into three groups and had 3 sections that we had to rotate. The first section was Laboratory rotation, such as Laboratory of Pathology, Wildlife, Theriogenology, Microbiology etc., we spend 2 days for each laboratory. Each laboratory introduced us about working and researches, then they had small experiment for us to do as activity, only Laboratory of Pathology that had assignment for us to do. Most of Laboratory performed PCR or ELISA. I thought that 2 days was short time, so some experiments take more time so we could not do some interesting experiments because of time limited. Second section was small animal hospital that divided to 2 units, internal medicine unit and surgery unit, we spend one week in each unit. At first or second day I was so confused that what I should do or what I shouldn't do, because the way their work or their performance were different from Thailand. But everything was better day by day, I learned many thing and I had to push myself toward my ability because if I shy or if I didn't speak to other students first, I would not know anything. In surgery unit, I had a chance to be an assistant in one operation, I thought I couldn't do anything much because everyone speak Japanese and I couldn't understand Japanese. The last section was laboratory rotation such as Laboratory of Public health, Veterinary hygiene, Toxicology etc. There were many things to learn such as Immunohistochemistry, PCR, Biosecurity etc. We were in each laboratory for only one day, so I think it was too short time and we couldn't understand anything much as we should. In my opinion, studying in Hokkaido University was better than I expect, I got knowledges and different aspects of veterinarian role and working form my view.

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About studying in Rakuno-Gakuen University, they divided our studying into three parts, 2 weeks per part. First part was Laboratory rotation, one day per laboratory. As same as Hokkaido university, I think we should spend more time in each laboratory. We had a chance to study about Public health and visiting milk factory and quarantine system in Japan. We attend many laboratories such as Herd health, Ethic, GIS, Environmental science, Biochemistry etc. This was interesting and was not boring because we had to learn new knowledge. Second part was Large animal hospital, that was divided again in to 4 laboratories, Internal Medicine one and two, Surgery and Theriogenology. This was the only subject about large animal in Japan I learnt. I had chance to followed the case of patient in the farm and to attend the class with Japanese 4th year students. Hokkaido are famous in milk, so there were many case of dairy cows. The last part was Small animal hospital, I belonged to Laboratory of Internal Medicine I. I had chance to follow the patient since they came to hospital until they went back to the owners. There were many complicated case and I got many things from this section. I had an assignment to wrote about every case I followed and submit them to teachers, so I had to try to understand the case as much as possible. I think it quite different from Hokkaido university, including subjects, facilities, lifestyle of people etc.

In my opinion, Japanese learning system was better than Thailand because students could choose what they want to study, for example if I want to be Large animal doctor, so I do not have to study and practicing about small animals. Furthermore, in hospital or laboratory, students have full responsible for their own case, and they were trained well to dolike veterinarian. However, one thing that made me suffered in Japan was the languages problem, almost Japanese student don't know about veterinary technical terms in English, even some of them can speak English well, it was because they were taught in Japanese technical terms since first year. This caused the problem when I studied in animal hospital, all of them speak Japanese and I had to try anyway to understand the patients and situations. Firstly, I asked students to translate some of information for me, but if they could explain me, I had to ask sensei. I try anyway I could to find out what happen to the animal such as acting, dictionary, google translate by letter or by voice. By the way, I could understand and enjoyed in hospital because of Japanese friends, I got many friends from hospital, they helped me a lot even they didn't want to speak English. This will be so good if I could understand Japanese or Japanese student could speak more English.

My experiences in Japan was not only knowledge or studying, but also learned the culture and lifestyle of Japanese. I traveled a lot at weekend in Hokkaido, around Sapporo city and other sightseeing that far from Sapporo. I went to Otaru, Maruyama zoo, Asahiyama zoo, aquarium, Noboribetsu bear park. Besides, I love travel into nature so I enjoyed Hokkaido nature so much, there are many places that very beauty and easy to go such as Asahidake, Jigokudani, Cape Kamui, Jozankei, Hakodate, blue pond, mountain Moiwa and other mountain. I met Thai friend and her American husband who is English teacher in Rakuno-Gakuen university that they love hiking in the mountain, so we spend many weekends for hiking together. Furthermore, at last day in Japan I went to Bankei for skiing, that was my first time for skiing and I enjoyed this so much, I promised to myself that I will find the way to ski again. Moreover, one of my best thing in Hokkaido life is Japanese food, I love Japanese food since I was in Thailand, but this program helped me to I had a chance to eating the original taste. I loved Sushi, Ramen, Buta-don, Soup curry and Hokkaido seafood so much, I ate each of famous restaurant many time and spend a lot of money for eating Japanese food.

Above all, the most impressive thing in Japan is friendship, I got many Japanese friends from the class, events and hospital practicing. Even if some Japanese was so shy, but they were nice and kind for me. Japanese students who went to Thailand last year from both Hokkaido university and Rakuno-Gakuen university were help us a lot, they could understand Thai people well and we had many topics to talk together. There were tutoring system, that each of us had our own tutor who help us when we had some problem or we could ask them when we didn't know something. We had chance to have dinner, party or travel together, these made me wonderful memory and I will not forget it.

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Name	Piyakorn Thongsuk	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

When I knew that I was the one who will join in AIMS program 2017, I was really excited that I got a great opportunity in my life. I expected that I could get new knowledge from Hokkaido University and Rakuno Gakuen University. I wanted to know about how Japanese veterinarians think and work in veterinary fields. I also wanted to get an inspiration from this program because Japan supports students to be researchers. So, they always have new ideas that they can use in real field. I wish I could get some ideas from them and apply that in my future career. I also wanted to have Japanese friends, so we could keep a good collaboration between Thailand and Japan. I wanted to learn about Japanese culture and share my culture to Japanese friends. I think Japanese's culture is beautiful and unique, I want to learn about it. Before I came to Japan, I felt nervous because I had studied just a little about Japanese language. But I read a lot about Japanese culture.

When I arrived Japan, I fall in love with the weather there. It's really comfortable. I like cold weather, because I can walk without sweat on my face. I saw many Japanese



people used to go somewhere by walking. I think it's good for their health. When I went to Hokkaido University, I met many Japanese friends. They were very shy when we met at first time. But when we knew each other more, they looked more relaxing. They prepared a welcome party for us after open ceremony. That was very impressive to me. While I studied in Hokkaido, I also met many professors. They were really kind. They taught me about their own researches. I was surprised

when I listened to them. I think that open my ideas about learning. They had many researches that we can use in real life. They also studied more deeper and deeper about their topics. I think that was great because they will be specialist of their topics. So, they can use their researches to develop the quality of their works. I also had chances to practice my laboratory skills and learned some techniques from Japanese friends and professors. My favorite laboratory is Theriogenology because I had a chance to do collecting oocytes from cow's ovaries for doing embryo transfer (ET) and In vitro production (IVP). I also joined in 'The 5th Sapporo Summer Seminar for One Health (SaSSOH) 2017'. There were many researchers and PhD



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students presented about their own research. There were famous invited speakers talk about their researches. I think it was a good chance that I learned and asked them about their researches. When I went to Laboratory of Small Animal and Surgery at the animal hospital of Hokkaido University, most of the time I can only observe them and sometimes help them restraint the animal. I think it was not easy to talk about cases because students learned technical words in Japanese language. So, it was quite hard to get the information as much as I wanted. But I learned more about ultrasonography imaging because I had many chances to observe it. I also had one chance to join in surgery team, but I could not help them as much as I could because I didn't know Japanese name of surgical equipment.

In Rakuno Gakuen University, I also met many friends. Some of them are exchanged students in AIMS last years. I was impressive to their kindness, why they were really good for us. We had parties and one-day trip together. I think that were unforgettable memories in my life. I had more chances to practice in large animals in Rakuno Gakuen University. I like this lab because I can play and do physical examination with many calves. In addition, I met Dr. Sukano, he brought us to swine farm at Nopporo. He taught us a special class about Swine management. I also joined in Internal Medicine of Rakuno Gakuen University's animal hospital. Even I did everything as same as when I was at Hokkaido University, but I still get some ideas about working in small animal's field. While I was living here, it was snowing. So, it's first time that I saw snow. At first time, I liked it, but when the thickness of snow increased I didn't like it anymore. I also had experience of living in university's dormitory, it was quite good. But I thought it was too strict for us.



For inclusion about AIMS project, I think it is a great project because I have a chance to see the world wider than I have ever been. I got many things that I was expected. I got many kind friends from Japan. I got new knowledge that I never knew. I hope that this program should be continue in the future. I feel thankful for everybody who made this program and gave this chance for me. It will be the best and unforgettable memory for me.



2017 AIMS Activity Report in Japan

Name	Nitchakan Nawapusanakanok	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

This was my first time that I can visit to Japan and this is so great time that I can visit in Thailand exchanged student. The first day that this program pronounced in Kasetsart university. I am so excited to submit this program and ask information from my senior. I heard about this program. I think this is a good chance to get a new experience in difference place. I had something wrong before that made me couldn't interview for this program. But the second chance is come. I can submit and interview in other time. Finally I can participate in this program. I really appreciate for the opportunity of AIMS project 2017. I applied for this project because I think studying abroad is a good opportunity to learn the world out of I have ever seen. Before I went to Japan for join in this program. I have expectation about study, friends and culture. I would like to learning about Japanese veterinarian learning, thinking and practice. So that time I can't wait to go to Japan.

I had to study at Hokkaido University for 6 weeks and Rakuno Gakuen Univerity for 6 weeks. The first one I study in Hokkaido university. This year was different from the last year. This year that I studied I had to study many laboratories for rotation. In each group in group A we had to studied difference laboratory also. I studied in infectious disease, public health, micrology, pathology, theriogenology and so on. Almost laboratories had to do PCR. In first week in faculty had SaSSOH project about one health. I joined this program too. I study in radiation and biology laboratory. I could do laboratory that I never see and do in Thailand. It was my impression. In biochemistry laboratory I could to dissection a mice for do brain slide and see neuron activities in brain. It was the first time that I could see this topic. But I most one laboratory that I like in Hokkaido University is Theriogenology laboratory. Because I love livestock such as swine, cattle and poultry. The last two week that I studied in Hokkaido University. I moved to small animal hospital. I studied in internal medicine and surgery unit. I think hospital system in this hospital completely difference from Thailand. This one that I expected to see in Japan because I used to trained in Seoul national university in South Korea. I really want to see the new one in Japan. For about tutor system in Hokkaido university it was not good but not bad also. I learn everything from tutor and I receive warm welcome party from staff and tutor. I really thank you for everyone. I hope this chance that I could to study in Hokkaido university will help me in the future.



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6 weeks after I moved to Rakuno Gakuen University. I was excited to move because I had to adapt myself again for new place. But so surprised that in RGU I felt warm although the weather is so cold. Rakuno Gakuen University is private university so there was difference from Hokkaido university. The first one is tutor system in RGU was so great because tutors in RGU who is visit AIMS program in last year in Thailand. So I feel close with tutor in RGU more than in HU. For study in RGU I had laboratory rotation also but I learn with our friends in group a. I studied in public health, herd health and biochemistry. I could to do many laboratories that I never do in Thailand. But in RGU we have assignment

to report also. We had big presentation about food safety. The strong good point in RGU is large animal clinical rotation. I expected to study in this department. Two weeks that I studied in large animal clinical rotation. I was happy that can't explain all of my feeling. I really love this department. I can do everything that I love. I could to play with cattle. I had to get up early morning everyday but I never tired. I met many friends in large animal unit. I could to see cattle treatment that I never see. I known Japanese people was so shy. But student in large animal try to talk although they can't talk in good English. In small animal clinical rotation in Animal health center in RGU. I am in orthopedic surgery and neurology. The profession in my unit he can talk and explain to me in English. But student a little bit quite so some time I feel bored. It was good because I could to get a big knowledge from professor. When I study in small animal someday that I was free, I always joined in large animal unit. I contract with many friends in large animal. We went to eat dinner and ice-cream together. With our tutors also we went to Izakaya for welcome party. That day I was funny and happy than I think and heard from another group. I went to Asahiyama zoo with our tutors. Two day before we went back to Thailand we had welfare party with our tutors and some friend from large animals. I was happy more.

I got many experience, many friend and many culture than I expectation. It was a great memory. I could improve myself and step out of my comfort zone from this program. I think if I don't join in this program I will be sad forever. I understood the word is "friendship" that I never receive from forgeries friend. I was not felt sad that I can't study in KUVTH. For me "the experience is the most important than knowledge". Finally I would like to Thank you for everyone who is made this program and work hard.



2017 AIMS Activity Report in Japan

Name	Kanjarat Piyalikit	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University and Hokkaido University	

Before I decided to join AIMS program I was very confused about my future life. Actually, I still confused about it, I think that why I have I concentrate about only one thing and go straight to that choice. Many people always asked me “What I want to be in the future?” and my answer was “I still confused in many thing because why I have to choose only one because I have a long live why I can’t choose them all. Most of my teacher is my idol because before they come to be a teacher, they use to be doctor. Not only small animal or large animal doctor but both of them, some of my teacher can heal dog, cat, pig and cattle. But for this time I don’t know why I have to choose one. And because of that question “What I want to be in the future?” so I decided to join AIMS program and turn to be an international student exchange to go to Japan and I hope that I might found good answer for my life or beyond more than that in Japan. Moreover, I expect that I will have many experience, knowledge and cultural from this program. Most of my friend and most of senior in Thailand said that everyone who joins this program always wants to travel but I don’t agree with them because travel in now a day is very easy so I don’t need to join this program just because I want to travel but this program can be more than that, I am sure that I have gain many experience from to be an international student exchanged.



For the first time that I arrived in New Chitose airport, I was very excited because this is my first time to come in Japan and this also my first time for stayed very far away from my home for a long time. I live in group B so it’s mean I will stayed in Rakuno Gakuen University first then I will switch and go to Hokkaido University later. For Rakuno Gakuen University in knowledge part, we divided in to three sections. At first, we studied about public health topic and I very like vet public health so it was very good time for me. I have many chances to do many things that I never do in Thailand so I think everything was very nice. Next section is small animal medicine rotation, I had joined in soft tissue surgery and oncology unit. In my opinion, it very good that I have a chance to meet very good and talented professor in here but I think it’s not good enough due to language barrier so it was very difficult time for me to understand everything but however, I found many good friends in here because I found many Japanese friend that not good in English skill but they always tried their best to talk to me and explain everything that I wonder. However, it would be very good if there are someone can speak English in this unit. Furthermore, I noticed that Japanese people are very addicted on work because even fourth years student still work until late night.

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I think everyone should take a rest in right time so you can charge your energy and do you best with powerful in every day. Last section for me is large animal rotation, I like this section so much because I have a chance to meet many good people because even we have language barrier but we still can use body language to explain many thing and I surprise that I found many students have influence in English skill. Moreover, I found that every student in RGU can do everything by them self that I never do in Thailand. For RGU, the best memories for me is Japanese people especially our tutors. I think tutor system in RGU is very good because all of tutors were AIMS students in last year so they can true understands every our feeling so deeply. I would to thank to every tutors that took care all of Thai student so well even brought us many places in Hokkaido. Once, I got fever and sore throat so I consulted with my tutors about medicine and then she walked to meet me even it raining so I feel so impressed. I can say that tutors are one part that makes me very happy while I stayed in Hokkaido.


Before we move to Hokkaido University, all of Thai students in group B went to Oasa junior high school. We exchanged many our cultures to each other with Japanese students and we also played a game together and I like this activity so much. Even they are not good in English but it's fine because we can use body language to communicate with them. Moreover, I appreciate that they're attempted so hard to communicate with us and I am very happy that I have a good chance like this.



For Hokkaido University, we divided into two parts. The first part is small animal rotation, in my opinion I think it's pretty good because most of them can speak English so it was easy to communicate and I found many good friends from here but for in Thailand, I think we can learn many thing more than in Japan because we learn in Thai language so we can truly understand everything. Second part is laboratory part, I think Japan has a lot of good facilities to support many research more than in Thailand and I learn many thing and many knowledge from this part. In some laboratory in Thailand, I just learned them from the lecture room but in here, I have a chance to do it in real laboratory so it's made me more understanding in those topics. But the bad thing is I studied with only my Thai friends and I stayed with them almost 24 hours so it was very bored for me but however, when I met some new friends in some laboratory I was very happy for that. One of impressed things for me is English game event organized by Mike, English teacher in veterinary faculty he organized a game for us and our tutors to have activity together. I think this activity is very clever because we not only be closed to our Japanese friend and also can practice our English skill.

I would like to thanks to all of teacher that I have a chance to study with them and every people that taking care of me, not only in Rakuno Gakuen University but also Hokkaido University. All of you gave me very good knowledge, experience, memories and very good friendship. If I could turn back the time I still choose to come here and get many precious memories like these.

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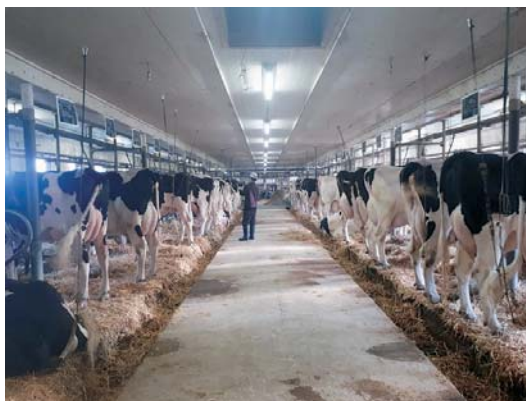
Name	Netnapha Thongyindee	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Hokkaido University and Rakuno Gakuen University	

I arrived at Japan on 17 September, 2017. This was my first time here. I started to study at Rakuno Gakuen University. I stayed at the dormitory inside the university. The dormitory was very good, every staffs were very kind and nice and the food was delicious, I like it so much. I had tutor that he went to Thailand in AIMS program last year, he and other tutors were so nice and took care me really good. I didn't go to Hokkaido University to join the orientation because of Typhoon. There was an opening ceremony on 19 September and I met my teacher from Thailand that she came to study here at RGU.

In the first two weeks, it was a quarantine period so I had lecture about public health and epidemiology. It was my first time to use GIS program, it was very useful and interesting thing for me. I went to Animal Quarantine Office near Chitose airport and participated RGU Companion Animals Festival. In this festival there were a lot of pretty and smart dogs to show their abilities, it made me happy to see all of them. After quarantine period, I had clinical rotation started with small animal hospital on 3-13 October. I belonged to oncology and soft tissue surgery and I met many students here. Dr. Kadosawa was kind and he was busy all day because there were many cases per day. I had many opportunities to observe operations and physical examination. There were many cases and many types of tumor in this animal hospital. I always went to see MRI, CT scan, ultrasound and X-ray for diagnosis. Everyday I had to do report and send to teacher. After I finished clinical rotation in the animal hospital I started clinical training of large animal clinics on 16-25 October. I started with a surgical unit, I observed a castration of horse and necropsy of calves. After finished the first unit I moved to theriogenology unit, I went to the farms both inside and outside the university. I had opportunities to do rectal palpation. After that I moved to internal medicine unit, I had opportunities to do PCR and observed many cases in the large animal unit and sometimes I went to the farm outside the university with teacher. When I finished the clinical training of large animal clinic. Dr. Susuki took us to the barbeque restaurant and I enjoyed it so much. I had a chance to go to junior high school to present them about Thailand, they were so cute because they made Thai language presentation and played game with me and my friends, I was really impressed with them.

On weekends, I travelled with my friends, both Thai and Japanese friends. I went to many places, Otaru, Furano, cheese factory, blue pond, Sapporo, Jozankei and Asahiyama zoo. My favorite Japanese food was Sushi, especially salmon. When my Japanese friends took me to Furano, they took me to eat the soup curry at Furanoya restaurant, it was my first time to eat soup curry and I fell in love with soup curry. I really enjoyed my life in RGU, everyone was so kind and nice to me. Miss Nagai looked after me and my friends so well.

On 26 October, it was my last day in RGU, I had presentation about milk production in Thailand, there were many Japanese students came to join and I was so excited. On 27 September, I had to move to Hokkaido University by JR train. When I arrived to Sapporo



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station, I walked to Hokkaido University for orientation. After that the tutors took us to the dormitory and took us to the supermarket near the dormitory then we had dinner together at soup curry restaurant. My room was very big and there were necessary things in the room, I love it so much. It was really convenience for me to stay in Sapporo because I can walk to everywhere that I wanted and my dormitory was not far from Sapporo station. It was very comfortable for me.

On the first day in Hokkaido university. I had clinical rotation at small animal hospital in internal medicine fir 1 week and surgical unit for 1 week too.


I went to milk factory with teachers and Thai friends, there were many interesting things, for example, museum of dairy products history and process of dairy products in Hokkaido, and it was my first time to eat salmon cheese here. After I stayed in Sapporo for 1 week, I had a severe diarrhea and I went to the hospital for 2 times. I did not know the real cause of diarrhea but anyway I cannot practice in the animal hospital because I had to take a rest. After 1 week later, I felt better so I came to practice in surgical unit for 2 days. I would like to say Thank you to Natsumi that she took me to the hospital, she was so kind and really nice. After I finished the clinical rotation in the animal hospital. I had to practice in Laboratory of the faculty. I started with Laboratory of Veterinary Hygiene, I studied about prion disease. Next laboratory was Parasitology, I did the fecal floatation from feces of elephant in Myanmar. Next laboratory was Microbiology, I studied about Avian Influenza Virus. Next was laboratory of Public Health, I studied about zoonosis and biosafety. Next laboratory was laboratory of Infectious disease, I studied about immunity and I did PCR to detect Bovine Leukemia Virus. The next was Laboratory of Toxicology, I studied about basic information of Toxicology and I did PCR and patch test to detect aldehyde dehydrogenase. The next laboratory was Anatomy, I like this laboratory so much because it was my first time to cut the section and staining by myself, it was so fun. On the next day, I belonged to laboratory of Molecular Medicine, I did PCR-RFLP to detect TSP02 gene to detect HK phenotype in Shiba dog and I had an opportunity to join the seminar, I listened to the study of Professor Susan S. Suarez from Cornell University and Professor Akio Miyamoto. The next laboratory was Theriogenology, I studied about embryo transfer after that I went to collect the semen from chicken and pig and did the rectal palpation. On the next day, I practiced to insert and recovery the oocytes. On the next day I belonged to laboratory of Comparative pathology. I studied about the abnormal tissue by using the microscope and I did the slide by myself. On this day, I had an interview from Dr. Aoshima, he was so kind and friendly. For the last laboratory, I belonged to laboratory of Wildlife Biology and Medicine, I studied about raccoon and raccoon dog and the teacher took me to Nopporo Natural park to survey the habitat of raccoon and I went to Hokkaido museum with her, after that we came back to the faculty and necropsy the raccoon. On the next day, I still belonged to this laboratory, the teacher took us to Maruyama zoo and the veterinarian introduced and explained me about animal hospital in the zoo. And I had some lecture with Ph.D. students about their study. On the last day of this laboratory, I had lecture, did the dart of blow gun and Ph.D. student introduced me about the laboratory.

On weekends, I liked to go to shopping at the department store near Sapporo and ate some delicious food. I went to eat soup curry for many times. My Japanese friends from RGU came to have lunch with me and my Thai friends, we went to Japanese pizza restaurant and it was my first time to do the Japanese pizza by myself. I went to cat café with fifth year student in HU, she was so kind and friendly, we went to green tea café together.

On Friday, it was last day at Hokkaido University. I had a closing ceremony at 11.00 am and we had a farewell party at noon. I felt so sad that I had to go back. On this day, I had a party with tutors from RGU too.



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Name	Priyanuch Pae-ut	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University & Hokkaido University	

I am just an ordinary student who wants a special chance in my life. When I was in the third year at Kasetsart University in the faculty of veterinary medicine, I saw many senior students participate in AIMS program. They updated their study, routine life and also their attitudes toward this program via the social media, not only good but also bad experiences they have gained from this program. I have asked some of them about it and they all answered me in the same way that if they could turn back time, they had remained participating in this program. At first I hesitated to attend this program but after doing lots of researches, I finally have made my decision to apply for this program. To be honest, I never think about taking a Ph.D. or a master degree but since I attending this program I have to reconsider about my future prospect and the career again because my point of view in veterinary medicine were open. When my time here is almost over I feel like I will come back here again.

For the academic view, it was really good to know the difference between Thailand's and Japan's. There are so many practices that I have learned most of them in class back in Thailand but I never have a chance to perform. So when I came here I did not expect that I would have a chance to do it by my own hands. It was like a dream to know some advanced techniques those we know just only their names. Moreover it is unlikely for us to use the professional equipment and control the vulnerable machines due to the fact that we lack experiences, however, they let us work in the field which I never experience before immensely impressing me.

As for the clinical view, my main interest was about large animal clinical medicine and dairy cattle herd health management. I had a chance to join laboratory of theriogenology at Hokkaido University, I practiced the embryo transfer technique and collected them by flushing then used the microscope to counted them and transfered them into media. It was a real procedure that using for embryo transfer technique and it really impressed me because I did it by my own hand from the beginning until the end. Furthermore, in herd health management class at Rakuno Gakuen University, I learned to monitor health by evaluation BCS score, RFS (rumen fill



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For the social perspective, most of Japanese people are always shy and they will not approach you first. After I learned this fact, I always approached them myself and did not wait for them to speak with me first. Some of them cannot speak English but at least if they try to explain I still appreciate it. Additionally, My life in Japan would not be so great like it was if I did not have my tutor at Rakuno Gakuen University. They are a group of Japanese people that I am comfortable to talk to and I will miss them so much when I got back.



Due to many supports from the staffs of this program who were working really hard to make sure our lives here will be comfortable as much as possible. And also professors who lead this program. I would like to say thank you for all of you who working hard on this project. Hopefully this kind of project will consistently work toward relationship between Japan and Thailand.

My time in Japan is running out from day by day. Even when I collected my belongings from all of my apartment that I've called it home for more than 40 days, I have to make sure that I will not leave anything behind especially, my memory. I just realized that how much I love this place. Every path that I have walked through and every person I have talked with, I am sure that I cannot forget them. It will be one of the most precious memories in my life.

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Name	Phithiwat Kamonrattanadilok	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University then Hokkaido University	

I desired to join this program since I was 4th year student, I am close to several participants from AIMS 2015 and 2016, so they said a lot of AIMS information and their experiences to me, and I thought this program is so exciting, challenging and amusing for me, then I determine to join this program, I kept practice everything necessary for apply this program not only language skill, but also academic knowledge and personality, I tried to apply international program of my faculty as possible as I can for practice language skill, especially Asian Veterinary Volunteer Camp or AVVP program that have many participants from several country such as Philippines, Malaysia, Indonesia, America and Japan, and finally I got this program.

I applied to study in Hokkudai and RGU because actually I interested in livestock animal especially for swine, so I have to apply those university that have livestock and large animal session. At first, I had to study in RGU before Hokudai, RGU is a good private university for me, there's not too big and too small for walking from a dormitory to faculty building or animal hospital, its facilities are very good and perfectly.



I started studying at there by public health, food hygiene and veterinary ethic session, after that I belonged to internal medicine in a small animal part at RGU animal health center, and finally I studied in large animal section at last. For me I love RGU friends so much, me and our tutors, we spent our time together, they always brought us to travel, to buy necessary thing for live and we got along well with them, not only for our tutor, but also for laboratory classmates especially for large animal section, I thought because most of them can speak English, so it easy to communicate and get along with them.



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For Hokudai, there also be nice university too, there has a lot of facilities, a point that I amazed is every laboratory have their owned facilities such as PCR machine, ELISA machine and fluorescent microscope. There has many students who can speak English, not only for PH.D. student, but also undergraduate students, and for Hokudai students, they have to do individual thesis by themselves and their researches look very hard for me, it's not just basic research but it contain with complicated contents, and it's different from our thesis in Thailand, we also have to do thesis but it's a group thesis, not individual thesis.

For activities and sessions of Hokudai, every laboratory at there is very nice, all of sensei, all of professor and Japanese students are kind for us, they prepared assignments and experiments willingly, and every assignments are interesting for me, not only for lecture but also we can did it by ourselves, and the best experiment of mine is theriogenology laboratory by Yanakawa sensei that I can collect egg from uterus by myself, and my best lecture is Konnai sensei lecture about micrbioflora and immune system in infectious disease section.

For Hokudai tutors, actually we didn't meet together frequently, for me, I officially met my tutor just only one time on the first day that I arrived Hokudai, and another Japanese classmate friends are kind with us also, but we hadn't so much time for know each other, so it made we can't get along together as well as we could.



Lastly, I would like to say thank you for all of you, including JASSO staffs, all of RGU staff and senseis, all of Hokudai staff and senseis, Japanese friends and Thai staff for your kindness to gave me a chance to participate AIMS program, and I hope this program will be established continuous in the future.



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Name	Yadarat Linnakkaew	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University then Hokkaido University	

Since the moment I met my close senior who just came back from Japan in this exchange program and have talked to her, it captured my interest and I have been utterly wanted to join this program like her. So when I got this scholarship, I thought my life already completed but in another way it just started. Firstly, I purposed to receive the knowledge of Veterinary Medicine, learning system, medical technology and culture of Japan. And hope that's all will inspire me in my future occupations even though I already contacted for a job about sales representative of pharmaceutical products for livestock animals, but I still hoped for something to inspire my future life and maybe studying abroad is the best choice. I prepared hard my English language skill before I came here and Japanese language also even I might be too late but I tried.

When I arrived in Japan, in the first few weeks here, many things were peculiar for me: the way Japanese people deal with another person are totally different from Thai especially with foreigners; they are so shy, not too many Japanese people start the conversation first. It wasn't happen with our Japanese friends who are our tutors at Rakuno Gakuen University, I think because they have been in Thailand in this same program like us, they might know and understand how I feel when study abroad, so they know how to take care and be friends with us. For others, after I knew how shy they are, I tried to get closer to them by starting the conversation by myself like: Good morning, I am Pan, what is your name? It is the easiest way for me to make friends with Japanese students and doctors also. If some Thai friends told me that he or she was bored because no one talked to her or him, I just told them back 'Don't you try to talk to them first?' Even though some people cannot speak English well, I still receive a smile back, and this is the point of my liking to Japanese people.

My first place which I stayed was Rakuno Gakuen University, we lived in university dormitory for girls but actually it was for both high-school students and university students, many things which routine do in this dorm provided me the real Japanese lifestyle, the most shock for me is public bathroom in the dorm that every girl is naked in front of others, I knew beforehand that it is tradition but I just knew this kind of thing deal with people who want to bath in Onsen, I didn't prepare my heart for seeing this, so in the first week in there, the only thing I have seen in the bath room was my feet and the girls' feet, but after that I told myself I need to get used to this if I don't want to ache my neck, and I did it successfully. This is one of many things I learnt about Japanese tradition. Moreover, I realized that Japanese people are really in the rule; people didn't perform another way different from the regularity that is the

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good in the way for peacefully life but some time it made me feel bored. No one danced or sang at the wayside even they were with friends may be because they are afraid of offending to other people and that might be good for some situation. I felt peaceful when I have been here but sometime I prefer some naughty to get rid of my bored. Anyway I also like Japanese life style especially of their polite.

Back to the university life at Rakuno Gakuen University, started with group studying and laboratory and then rotated in the hospital both in small animal and large animal section by separating in two groups. The experiences which I got from lecture and laboratory before rotation in the hospital are almost the new things that I never learnt in Thailand or not in this profoundly information and procedure in the lab. Every teacher who taught us were willing to provide their knowledge to us, I could feel it. In the hospital, I start with large animal section first, the teacher already prepare the students who can speak English for take care me and I am impress with it so my learning life in this section went smoothly, not same as my seniors who came here last year told me at all, may be they complained about it and all staff fix the problem, I would like to thanks to whom a lot and the friends who took care for me also. When I rotated to the small animal section, not too many Japanese students can speak English but I tried my way to started something first and it was work.

Hokkaido University is successful to provide the intensive knowledge to me, I think. Every laboratory I went, I had chanced to perform many laboratory techniques by myself which I will never have this chance in Thailand, this place is suite for learning especially for foreigner like me, almost of student can speak English and every teacher can for sure, I was happy here, in the hospital, I observed the procedure of Japanese animal hospital and I reached my purpose about the difference between Thai and Japaneses protocol of diagnosis case; protocol of symptoms investigation in Japan can go further till the final diagnosis while in Thailand we aware about the treatment, I think.

For the last thing, I would like to thanks to everyone who made this exchange program happened and thanks to every Japanese people who past into my life in Japan, they made me better in every way.



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Name	Pinprakrom Chaikongkiat	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University and Hokkaido University	

I have heard about the AIMS exchange program from my senior for many years. This program was very famous in our faculty and most of students want to attend this program. To be honestly, at first I didn't pay attention to this program because my senior told me they didn't get much academic knowledge from Japan especially small animal practice in the hospital and it will be the problem if I want to be the small animal clinician in the future. The main reasons were language barrier and Japanese legal that student cannot do anything to the animal. And actually I realized that I will feel uncomfortable to study and speak in English. But they said if they can reverse the time, they still joined this program. So I decided to apply this program because I think this might be the good chance to practice English skill and learn Japanese language, culture and getting new friends.

The first 6 weeks, I spent time in Rakuno Gakuen University. I knew this university for the first time from AIMS program. My first impression was the kindness of Japanese staffs and friends. They picked us up at the airport and managed our belongings to the dormitory and also took us to the university by JR train in the first day. Moreover, our RGU student tutors always take care of us in everything as using life in Japan, fixing our problem and taking us to travel many places around Hokkaido that made our life in Japan were very good. Even though we moved to Hokkaido University, we still keep in touch and they came to visit us at here.



For the study in RGU, the first two weeks I studied in the section of public health, laboratory and veterinary ethics. I admitted that I cannot understand all contents in English because my English listening skill was poor. But I tried so hard to get the point of each topics and asked my friends to translate them to me. Just 2 weeks later I can got more listening skill by myself even it wasn't reach to 100%.

I did the laboratory that I never done in Thailand example PCR and CMT tests. I have studied in only lecture but didn't do in the real field. The lecture and practice working from Japanese teachers was a little bit different from Thailand. They didn't give me too much contents of each topics but they talked in the main point and let us do it by ourselves. That made me more understand the purpose of that thing.

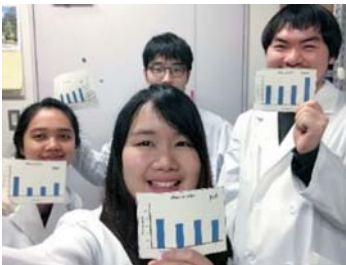
Two weeks later in RGU, I practiced in the both of small animal and large animal hospital. I was very excited sawing the fifth-year students in large animal unit can did many things by themselves while Thai students cannot do. Like a necropsy, reading the ultrasound result, treating cattle, hoof trimming or minisurgery without teachers! It might due to they had to choose their major study since they were in the fourth year so they spent time to only their study and made them looked professional.

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Also in the small animal hospital as well, I practiced in the anesthesia section and I saw the fifth-year students can making decision to adjust anesthesia machine by themselves. I think Japanese students are ready for working after graduated more than Thai students. But the disadvantage of this system is if the section that they interested was full they had to join in another section and sometime they didn't like their major study, they have to study in this section until they graduate. Anyway fortunately for me that teachers in anesthesia section have excellent speaking in English and they taught me with their pleasure. I was very happy to study this class.



Move to the Hokkaido University. This university is like a place producing researcher. There has lots of facility to do laboratory for research. Teachers always tell us how important for finding new knowledge and research to apply for veterinary industry. I agree with them. Many researches that they did were very useful for treatment, control, prevention of disease in recently and in the future certainly.




I also did the laboratory that I never done in Thailand in here. And some knowledge that I have studied in Thailand, I got the deeper information of them by Japanese teachers. Sometime they challenged us by letting us did something by ourselves and make a short presentation in the limit time. That made us were active to do it successful.

In conclusion for all of AIMS program in Hokkaido for 3 months, I never regret to join this program. I got many experiences from here not only academic knowledge but also motivation for my future and initiate to learn new thing all of my life. I got good Japanese friends even they can speak English just a little bit but they tried to communicate with me by dictionary and body language until I understand them. Challenging myself to study abroad and speaking in another language can made me improve both of English skill and confidence. No one care what did you say is right or wrong, we just want to communication each other.

I think meeting people from several countries can make me understand difference of culture, religion, thinking, lifestyle and personality and accept them. At first I didn't get in the way that Japanese did. Example in the part of small animal diagnosis and surgery. They took too much time to do in each steps. In the way that I saw from Thailand they did it quickly for moving to the next case. It might due to Japanese be more circumspect and thinking this hospital is teaching hospital so they have to do every steps follow protocols. Moreover most of Japanese people dedicated to their job too much so they easily got stress but the result of work was always good compare with most of Thai people cannot do the same thing as Japanese but we have more flexible of our work.

Finally I am very appreciate for hardworking of Thai and Japanese staffs, teachers and friends that made this program was successful and impressed me so much. I hope the AIMS program will be continue in the next year for our juniors. I got a lots of great experience and memories more than I expected. If I have a chance I will come back to study in Japan again. And I wish the relationship between Thai and Japanese veterinary could be the way to support our industry go forward in the future.

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Name	Anitha Chumkam	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	Rakuno Gakuen University then Hokkaido University	

At first, I decided to apply this program because I always think that the exchange program will give me a lot of experiences in some way, I didn't expect about the academic knowledge too much because of the language barrier but the important thing from this kind of program is experience of life. In the future we may face with many problems but only academic knowledge cannot help us to solve that so if we had a chance to learn and understand life in many view it may help us to deal with the problem in the right way.

I started the program at Rakuno Gakuen university, that place made me really impressed about the accommodation because all of the facility in dormitory was very convenient for me and also staffs took care of me very well. I started the schedule with public health subject, as I mentioned that didn't expect too much about academic knowledge but the program in this subject made me got more than I thought because teacher always perform work shop or real experiment for us which made me had a chance to think and share my opinion. There are many experiment that I didn't had a chance to do it in Thailand but in here I could do it by myself that made me truly understand concept of that technique, for the homework it one of the good thing in my opinion because if I only study I couldn't understand it completely from language barrier but if I need to work I will search the information in the deep way that made me understand clearly. For the clinical rotation I prefer large animal unit because I had an interaction with teachers and students in there, moreover I had a chance to work in the field and practice my skills with real animals. But in small animal unit I applied in Cardiology unit which is the new unit so it didn't had too much cases and I need to join in other unit instead, I really impressed sensei and doctor who belong in this unit because they explained me a lot but when there were no case I have nothing to do and only some students could speak with me so it made me bored sometimes.



In next 45 days, I switched to Hokkaido university where is very near Sapporo station. At first, I really miss Rakuno Gakuen University because the accommodation in here wasn't made me convenient like there. I thought it too small for three people with a lot of stuffs. However, when I was used to live in here there was very great because

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this apartment was very near to the faculty and also had a good transportation to go to the center of Sapporo. For the study life in here was very excellent for me because there had many foreign people came to study here that made English was not too hard for them. Moreover, this university had good facility for researching and learning that made this place is a learning society. Almost of laboratory rotation made me very enjoyed

because I could do it by myself and even I did a mistake no one complained to me, this situation made me wanted to tried more and learned more. In the clinical rotation I didn't have a chance to practice hand skills too much but I didn't feel bored or disappointed because there were many people could speak English so when I had a question they answer me very completely understand.

At the final of this program I thought I received many things more than I expected, academic knowledge was the thing that I exactly got from this program but there were many other things. Language is the one I developed from this program because I need to use it in my daily life include of study and work so it made me more confident to use English and also learned some easy Japanese words. The Thing that I think it evaluate successful of this program is culture exchange, I learned a lot of Japanese culture and many habit of Japanese people impressed me. Most of Japanese people are respect to the rule strictly that affect to the country in the good way, I observed that Japanese people always very serious in their work especially in research that make them search information deeper and deeper so they will understand in that topic completely. From I mentioned above I would like to say thank you for a million times to the one who were responsible in this excellent program, you are the one part who changed my life and I hope this program will continue for the next generation.



2017 AIMS Activity Report in Japan

Name	Jirachaya Toyting	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 10 December, 2017	
Host University	University of Tokyo	

For the first time that I decided to apply for this program, I never know whether I will be chosen or not. At that time, I just thought that I need to do my best in the English proficiency test, the essay and the interview. In the interview, I got a difficult question which based on my interesting field, Veterinary public health. The interviewers asked me to explain the situation about veterinary public health in Thailand so I answered them in one health aspect and one health projects which is the collaboration between doctors, veterinarians and other occupations that related to the field. After few weeks, the result was announced and I was selected to participated in this program at the University of Tokyo which is my first choice. I cannot explain how glad I was at that time. I called my family to inform this good news.

I spent my semester break to prepared myself for studying in Japan. Even it was not my first time in Japan but I was excited about it because I have never stayed in Japan for this long. My first time in Japan was 8 years ago which I was an exchange student in Kumamoto. When I was there, I wish I could come back to Japan again and now my wish came true.

At the departure date, my family and friends including one of my Japanese friend who participated this program in Thailand came to Suvannabhum airport to send me. I was super excited that the new chapter of my life is about to begin.

In the first few days, there were the time for settle down and prepare for study in Japan and the class started at day 3 after I had arrived. The course consisted of 5 sections which were Veterinary Medical Center, Microbiology laboratory, Epidemiology, Food hygiene, and Pathology.

In the first 2 months, I had been practicing in the Veterinary Medical Center which had 3 units (operation unit, surgery unit and internal medicine unit) and I had 5th grade Japanese students as my partners (1 partner/month).



In the operation unit, I was an instrumental assistant and anesthesiologist assistant. I had opportunities to observe the operation procedure and high-tech instrumental usage. In the surgery unit, I studied about the surgical treatment in both soft tissue and orthopedics. The special class in this unit was CTscan and MRI interpretation. In the internal medicine unit, I practiced in basic examinations such as neurological examination, ultrasonography, etc. but the special activity in this unit was the daily clinical conference in English which each pair of students will present their new case in that day. I like this unit because I can discuss with the professors and got the precise information directly.

I had the final presentations about intervertebral disc disease and Addison's disease in the Veterinary Medical Center. In my opinion, it was the good idea because I had the opportunity to practice myself in scientific discussion and sharpen my skill in public communication.

The first week of the third month, I studied in Microbiology laboratory, to be more specific, Virology laboratory. In the laboratory, I mostly practiced in virus detection methods such as influenza test kit, Polymerase chain reaction (PCR) and Loop-Mediated Isothermal Amplification (LAMP). Japan is the well-known country in the field of technology and innovation and this laboratory has proved this point perfectly. Professors and Ph.D. students showed hightechnology equipment in this laboratory that they use for the researches and experiments I have improved my skill in laboratory instrument usage in this laboratory because every



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method in this laboratory needs delicate and circumspect skills.

The second week of the third month, I had Epidemiology class which is one of my favorite subject. I studied about basic epidemiology, disease outbreak investigation and risk analysis. I established the risk pathway for the real case on my own.

The most impressive lesson in this class was “R” program - the biostatistics software. It was my first time to use biostatistics software, writing and running codes. Then I found out that it's fascinating. This class has changed my perspective for Biostatistics to the positive way.

The third week of the third month was the week for Food hygiene which is one of my most favorite subject also. This class gave me the opportunity on farm, slaughterhouse and milk factory visiting.



I visited “Iwama farm” which is the university farm for veterinary students. I visit Shibaura slaughterhouse which is the slaughterhouse in the central of Tokyo. From this visiting, I could learn about the system in Japan and I can compare it with the system in Thailand. I could see how well they can manage and run the slaughterhouse in the central of the capital city and I was impressed with that. I visited MEG MILK SNOW BRAND, milk factory and this factory represents the standardized factory which using high technology for the mass production. This is one of my

most impressive class because it is my interesting field and meet my expectation which I had set them before studied in Japan.

The fourth week of the third month which is the last week of this course is the Pathology laboratory. In this laboratory, I was paired with Ph.D. student to work on necropsy case. I was trained for histopathology diagnostic procedure from the beginning from organ sectioning, staining, mounting slides until immunohistochemistry. For this class, I had my own presentation in necropsy case of anaplastic meningioma. I have broadened my knowledge about tumor classification because my case was rare case and unusual in domestic animals so I researched about tumor classification in human.



Besides the academic life, I fulfilled my life with traveling in Japan, I went to many places such as Asakusa, Tokyo sky tree, Tokyo tower, Tokyo Disney land, Shinjuku, Shibuya, Harajuku, Imperial Palace, Nikko, Kawaguchiko, Yokohama and Nagoya. Traveling makes me know more about Japanese culture and way of life. It is a kind of study outside the classroom to appreciate life and seize the time. I don't want to miss anything and regret afterward so I went to everywhere that I want to go and collect every moment as much as I can.



And the most important element that make this chapter of my life is one of the happiest chapter is Japanese people. I have met kind professors who willing to teach me and awesome friends who are my translator,

my helper and my good host.

In the conclusion, this 3 months in Japan in one of the best chapter of my life. I didn't gain only the academic knowledge but also the experiences outside the classroom. I had the great opportunity to study in the top rank university in Japan, exchanged and obtained knowledge from the esteemed person, broaden my experiences, sharpen my skills, receive new learning method and the best teaching practice from the foreign experienced educator, perceived good example of thinking and action that lead to success. I have met nice people who are the best part of my stay in Japan. They made my life in Japan to be the wonderful and noteworthy time.



At last, I would like to thanks to professors, coordinators, contributors and everybody who have established this amazing program that let one little student had a huge opportunity to improve herself in many aspects. I will use this fruitful skills and knowledge in my work and study and contribute to my country afterward. And I am looking forward to coming to Japan again.

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Name	Patiharn Vararattanavech	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	University of Tokyo	

The reason which made me design to apply in this program, AIMS 2017 was because I hoped that I could gather a lot of impressive experience from studying abroad, my interested field which is epidemiology could be encouraged from perceiving the way they dealt with the outbreaks or some major incidents and I wish I could make new friends and some new connections with other people in different countries. After I passed all requirements and an interview by the faculty, I suddenly felt excited and also nervous because I haven't gone abroad for a long period like this. I was also nervous about my English skills but after I had some classes with the Japanese friends who had been Thailand with the same programs, I thought my skill was a bit improved and I got more confident from that. Moreover, Before I go to Japan, I had a good news about my job. I got a job that I will mainly work in slaughterhouses and the public health field and I also heard that I will visit an important slaughterhouse in Japan too. In that time I knew that I chose the right choice for my life.

When I start studying in Japan, I felt that all staffs and friends in this University are very nice to me. They arranged programs for studying that was very interesting and suitable for our expectations. For the first two months of the study, We practiced in Veterinary Medical Center at the University of Tokyo. We, Thai students, could access to every process in the hospital as same as Japanese students could. That surprised me so much because I didn't expect to have these kinds of experiences in another country before. In those two months, I observed and also did some new techniques in animal treatment and diagnosis that somewhat different from Thailand. They paired us with Japanese friends for one by each one. They supported us in every chance, not only in educational ways like translating the information of patients or discussion with the doctor but also helped us to deal with the everyday issues such as the bank account, internet access and even the leisure vacations in Japan. For the staffs, there are many informative doctors that could help us while we were studying. They arranged discussions at the end of every workday to let us ask about the doubts we got from the case and sometimes they also gave us a lecture in order to make us understand more.



Next topic I will mention is the laboratory facilities, We have attended to the laboratory of microbiology, veterinary public health and veterinary pathology. All laboratory instruments are very suited for their works. We felt very comfortable because all experiments were easily conducted and they taught us the important principles and procedures so comfy. As well as their staffs, They are very nice and kind and also

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willing to answer all of our questions.

We had some lectures which were mainly in veterinary public health and epidemiology. All the lectures could recall my knowledge and also be used in the exercises that the teachers gave us. We also had many field trips while the course, include a slaughterhouse, a demonstrated and experimental farm and a milk factory. The experiences while visiting these places were really impressive, all the programs made me feel I didnt want to miss any moment. While we were studying, There were some international symposiums which were held at the University and they also invited us to attend. The assignments they gave to us were mostly presentation. Even though I didn't do it well every time, I thought I still gained some improvement from them.

As I have already mentioned about the academic activities, it sounds like it was such a great opportunities for me. I also got a wonderful experience in leisure activities too. I have been many attractive places in Japan such as Mount Takao, Tsukiura firework, Nikko, Kawaguchigo, Kamakura and Mount Oyama. Every place I mentioned above have so impressive landscapes, I can feel the beauty and calmness of nature in those places. In the normal holiday, because I love to go sightseeing even in the big city so I frequently walked along the street in Tokyo to many places I wanted to visit within 10 km from the apartment. I thought it was good for my health because I haven't done any exercise much in Japan.



For the difference in culture between Thai and Japanese, firstly I thought it had to be so challenged to me so I tried to learn Japanese language but I could only remember Hiragana letters. But when the program started, it was not so difficult. Everything seemed like to be what it should be so I didnt take so much time to cope with it. The most faced issues were about language barrier because it was so hard to understand when two people don't communicate in the same language but that wasn't such a big problems, I still survived and was happy until the last day of the programs. In my opinion, Japanese food was so delicious and seems to be very healthy for consumers but I still missed and want to have Thai food because I am the one who addict to Thai spicy taste.

For conclusion, after I will finish the program in very soon, I thought I could achieve most the targets I expected. It wouldn't be like this if I didn't get this opportunity to gain this scholarship and the supports from all the staffs in the programs. I would like to thank you to all of you to let this happen to us.



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Name	Supatcha Chusanathas	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	University of Tokyo	

At first, I was really looking forward to join this program since the reputation of this program from the past years was terrific about experiencing new things and in further opportunities. And so excited when I was accepted for this program. My expectation was spontaneous, since I was opened for any forms of experience. I just want to share my own experiences. And in the other hands, receive others experiences back in return.

In the first two months, I was in the small animal medicine and surgery unit which supported by the buddy system. I met lots of interesting people there including students, interns, and professor. Clinicians let me done lots more than I expected, for the example, blood collection form neck vein, ultrasound, neurologic examination, etc. This is much more than I thought since I knew that in Japan, they have a strict law here. I was impressed that the hospital here can diagnosed disease from beginning to an end with their adequate instruments and staffs. And I can compared the different between surgical procedure, drugs of choice, and medical approach from Thailand to Japan. With the buddy system I got an intensive care from my 5th year veterinarian student buddies. They didn't just teach me about academic things but also traditional and cultural things. Even sometimes they was stuck with a language barrier in technical term, but I saw how eagerly they want to make us understand and I was appreciated with their attempts. There was full of further opportunities for everyone interests. In my case, I can follow my field of interest in exotic pet animal. For a small room of improvement, if it possible for us to accompany in the disease approaching process, it'd be better. Since all of us pass the pre-clinic session already, I want to use my accumulative medical knowledge to diagnose diseases by myself and want to improve my thinking process. Also if I want to diagnose the disease by myself, I would have to know all of the information in the medical history, which sometimes my buddies could not completely explain it to me. It would be great, if there is a medical review about our cases in the day before, by someone who could explain it clearly and precisely. Overall, this unit was met my expectation.

In virology unit. Teacher taught us by demonstrate the example and let us follow his procedure which easy to understand and foolproof.

For epidemiology, the inviting teacher from other university, give me a basic lesson that we have already learned about it in the past year. But almost forgot about it because lack of use. And he also taught me to use a statistic program which is new for me, since I used to the manual method. This basic lessons were useful for me whose wouldn't use much of statistic in my future career path though.

There was many field trips in Food hygiene and public health unit. Professor brought us to Iwama farm, Slaughter house, and Milk factory. That was a new perspective for



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me in these fields. I could see the pros and cons in their agricultural systems. And I have to talk about the head professor from public health lab, Hirayama sensei, who was so kind and took a good care of us since the start till the end of program.

My most favorite unit is pathology laboratory. With all those lively and energetic vibe from the lab staffs. All people from this lab seems like they can speak English so well. And with their exceptional knowledge in their field of work, they can completely filled my curiosity and unknown voids. This lab also use pairing system, each Thai students pair with one T.A. that we can chose based on our case of interest. I learned to prepare the histopathological slides by myself with H&E basic staining and some special staining. Also I got an intensive knowledge in my own selected case. And my buddy even provide me with lab experience that was outside of course syllabus, for the example, fluorescence microscope. It was beyond my expectation. This lab was inspired me; who was never interested in being a pathologist, to start thinking about digging deeper in this field before decide about my future career path. 5 days for this unit isn't enough for me.

In almost every unit, They assigned us to do a presentation in the end. It wasn't that fun but I got benefits from this. I'm more confident for public speaking after many presentations and my summarize, researching and presenting skills was much improving by this.

Besides the classroom, In my leisure time, I really appreciate the good vibe here. It was crisp and cool enough to stroll around the town tirelessly. I believe that travelling is another forms of lessons for life. With this program I can experience many places while I was staying here. It enhance my point of view every time I meet new people and new places.

Other than knowledges and experiences, I was impressed by Japanese punctuality, politeness, discipline, and unity. I see the reasons why this country was developed. Furthermore, I would bring back these good manner from Japanese people to sculpture my characteristic. Finally, I would use what I got here to improve what I could have done for my career and my own country.

In the conclusion, the buddy system work best for me, I would recommend AIMS to use this system in every unit. Since I got an intensive care and knowledge from this method. Though I had spoken from my own experience that I was wholly got excellent buddies in every unit. Nevertheless, I have to say that the classroom knowledge that I got here was less then was I would get if I decided to stay in Thailand. But the experiences that I got here was priceless. It's like exchanging an apple to orange, Both choices is fine and depended on personal preference. But if I could went back in time, I would choose this program over again.

I was precious every moments here and made every minute count. It was all my cherish memories for lifetime with all friends, professor, and even strangers. I would definitely recommend this program for the next generation, since it was beneficial for me in various ways, especially for surviving skills and street smart. And I would really miss my life in Japan. Even while I was typing this report, I don't feel like coming back home. Unfortunately, three months was too short.



2017 AIMS Activity Report in Japan

Name	Yanisa Prakobkarn (ヤニサパコップカン)	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	The University of Tokyo	

This was not my first time in Japan but my first time for exchanged student. After I heard about AIMS project I have chance and I did not hesitate to take this chance. It was a good news when I knew the result of interview for selection Thai students. I went to Japan again but in the new role not just tourist like in the past. I really appreciate for the opportunity of AIMS project 2017. I applied for this project because I think studying abroad is a good opportunity to learn the world out of I have ever seen. I would like to get a new experience for myself, meeting new friends, exchange culture, socialize and I would like to learning about Japanese veterinarian learning, thinking and practice.

All of 3 months in this program in the university of Tokyo I got it more than I expected. I'm belonged to Veterinary medical center (VMC) around 2 months. At VMC had 3 rotational units consist of operation unit, internal medicine unit and surgery unit. I observed step by step from beginning the patient came. I could learned how Japanese veterinarian thinking. I just observed how veterinarian in Japan treated to animals. This hospital is a reference hospital so I could see complicated cases and I observed they performed CT-scan, MRI and endoscopy. Some intern can speak English so it was not a problem to learn but sometime there was language barriers in communication. I do not know what veterinarian talked to the owner. They tried to speak to me but sometime it was too difficult to understand. However I had Japanese friends who helped me and translated to Thai language. Everyone at VMC were very kindness to me. A relationship with Japanese sensei and friends was very nice.

When I joined this program, Of course I may have to lose opportunity in small animal practice at KUVTH but I believe that I will get something back and it worth to come here. My expectation for practice in small animal before I came here was learning the steps and process to diagnosis, follow up and treatment plan, learning general and clinical practice. If the expectation of this program were just observation, I thought it were success because we knew the processing for working. If the expectation of this program were clinical practice, I thought it were not success too much. However I could compare how different between animal hospital in Thailand and Japan.

We had discussion every day in internal medicine and surgery unit so we could



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discuss and compare notes about cases.

But in microbiology lab practice, epidemiology, veterinary public health and pathology lab practice were very good for me. I could learn both lecture and laboratory and observing in some advance method. There were many supporter to help us. I have practiced in laboratory and did everything by myself. Something I knew just only theory but I could see the real from here.

Japan is the developed country, so there are many technologies further than my country and teaching pattern which focus on student to have participation in practicing. I gain knowledge and experiences from Japan in this program and it would be useful for my career in the future. For the next year if they continue this program I expected everything will be improved. Maybe start from the expectation of this program, please make sure all of people who will join in this program know the main expectation of this program. If you want to be a small animal veterinarian and would like to join this program you have to think more than another people. If you looking for scholarship or working in the future or sharing new experience it worth to join.

Finally, I would like to thank you for everyone who supported this program. 3 months in Japan in this program it was a good memory. I could improve myself and step out of my comfort zone. This program encouraged me and I got a nice relationship with Japanese friends and Japanese people. I will use knowledge and all of experiences in this program to improve myself. Someday I will back to Japan for study. If I were lucky, I will get scholarship, please encourage me. Thank you.



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Name	Wuttiporn Rerkamnuaychoke	
Home University	Kasetsart University	
Period of time	17 September, 2017 ~ 11 December, 2017	
Host University	The University of Tokyo	

There was an announcement of AIMS program. First, I sent my application form to join this program but I hesitated whether I joined this program or not. Because I thought that studying in Thailand, I could understand the contents of the lesson easier. So I took my application form back and decided not to go. The time had passed and there was the second announcement of this program. Finally I didn't hesitate and I decided to send my application form. After knowing the interview result, I have been very happy. The reason that I decided to join this program was that I have wanted to know and follow the advancement of new technology and new knowledge in the field of veterinary medicine, thinking systems, Japanese culture and an opportunity to meet Japanese professors, academic staffs and friends.

In the first day after arriving Narita airport, there was a friendly warm reception that a Japanese teacher and Japanese friends picked us up and took us to the apartment. They were very kind to me and that was my first impression. Since then I will spend my precious time in the University of Tokyo for 3 months.



The first 2 months to study in veterinary medical center (VMC), each Thai student had 2 Japanese partners. The subjects were divided into 3 subjects. There were operation, surgery and internal medicine. For the operation, I followed the cases and I chose what I wanted to do between instrument assistant and anesthesia assistant. For the surgery section, it divided into 2 parts, soft tissue and orthopedic. I followed veterinarians and observed what they did. My partner translated Japanese to English for me. Some veterinarians can

speak English but all professors can speak English fluently. So I can ask all professors what I wanted to know more. For the internal medicine, I followed veterinarians and observed what they did as in the surgery section. In the evening, there was a conference about new cases. Veterinarians spoke English for explaining cases. After I finished the class in VMC, I had to present 2 cases, surgery case and internal medicine case.

All 2 months in VMC I could learn lot of things and got many experiences. I saw some techniques that I had never seen before and in the future I will apply these techniques for improving my clinical skill. Veterinarians in VMC were good at image techniques for diagnosis, so I had an opportunity to study and interpret CT-scan and MRI results. Because of the Japanese law, I could not practice invasive technique in animals but I could observe and remember tips. Sometimes the language barrier caused a tiny problem but I could solve it after I studied more or asked professors. Furthermore, for this program I could make friends and have good relationship with them. I am very happy for studying in VMC.



Following VMC rotation, virology class was attended. I learned how to prepare cell passage, necropsy, PCR method and interpret the results. Professors and PhD students

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taught us and they spoke English fluently. So I could understand the lesson and communicate easier. Next I studied Public health.



This subject divided into epidemiology and food hygiene. I had a chance to visit animal farm, slaughter house and milk factory, and joined a symposium. Public health professor took care Thai students excellently. Then, pathology was the last subject. It was a difficult subject to me but pathological professor and PhD students explained what I did not understand easier.

For my weekend, I traveled around Japan such as Asakusa temple, Tsukiji market, Tokyo sky tree, Nagoya, Tokyo Disneyland and Kawaguchiko. I will keep this moment in my memory.

During 3 months of AIMS program in Japan. I had an opportunity to see many things. I gained more experiences. If anyone ask me about this program, I will tell them that if I could turn the time back, I still join this program. I think that this experience looks like my new world. I can see and do what I had never seen before.

Finally, I would like to thank AIMS program that gave me a good opportunity to come to the University of Tokyo and Thai academic staffs who chose me to be a part of this program. In addition, I would like to express my sincere



gratitude to Japanese academic staffs, and veterinarians who kindly taught and gave me the knowledge and practice skills. In the future, I wish this program is still continuing to provide an opportunity to foreign students to come to Japan. For me, I think that 3 months had passed so quickly and I still enjoy studying here but all good things must come to the end. So, I will keep everything in my memory. In the future, I will apply all experiences that I obtained to improve my skill and knowledge. I would like to thank again for everything and I really appreciate every experience I got from AIMS program.





CVE

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