



Introduction of Hokkaido University

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**Graduate School of Veterinary Medicine,
Hokkaido University in Japan**



South Africa

15 hours + Ttransit = 36 hours



Hokkaido is North island in Japan

Sapporo is famous to...



- ✗ Food!
- ✗ In particular, fish is very famous in Japan.
- ✗ Sushi, Sashimi, etc...



If you do not like "raw" food...



Hokkaido University



- ✘ In 1876, Dr. William S. Clark, then the President of the Massachusetts Agricultural College in the United States of America was invited to be the Vice President of the College.



- Sapporo Agricultural College (1876-1907)
- Tohoku Imperial University (1907-1918)
- Hokkaido Imperial University (1918-1947)
- Hokkaido University (1947-)

Schools of Hokkaido University



Undergraduate

- Agriculture
- Dental Medicine
- Engineering
- Fisheries Sciences
- Medicine
- Pharmaceutical Sciences
- Science
- **Veterinary Medicine**
- Economics and Business Administration
- Education
- Law
- Letters

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Undergraduate
Schools

Graduate

- Agriculture
- Dental Medicine
- Engineering
- Environmental Science
- Fisheries Sciences
- Health Science
- Information Science and Technology
- Life Science
- Medicine
- International Media, Communication and Tourism Studies
- Chemical Sciences and Engineering
- Science
- **Veterinary Medicine**
- Economics and Business
- Education
- Law
- Letters
- Public Policy

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Graduate
Schools

Schools



Research centers / Institutes in HU

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Research Centers / Institutes

Low Temperature Science, Electronic Science, Genetic Medicine, Catalysis Research, Slavic Research, Information Initiative, Isotope Science, University Museum, Integrated Quantum Electronics, Field Science for Northern Biosphere, Meme Media, Brain Science, Zoonosis Control, University Archives, Tourism Studies, Language Learning, Ainu and Indigenous Studies, Experimental Research in Social Sciences, Information Law and Policy, Environmental Nano and Bio Engineering, Integrative Mathematics, Sustainability Science, Topological Science and Technology, Environmental and Health Sciences, Translational Research, Health Care

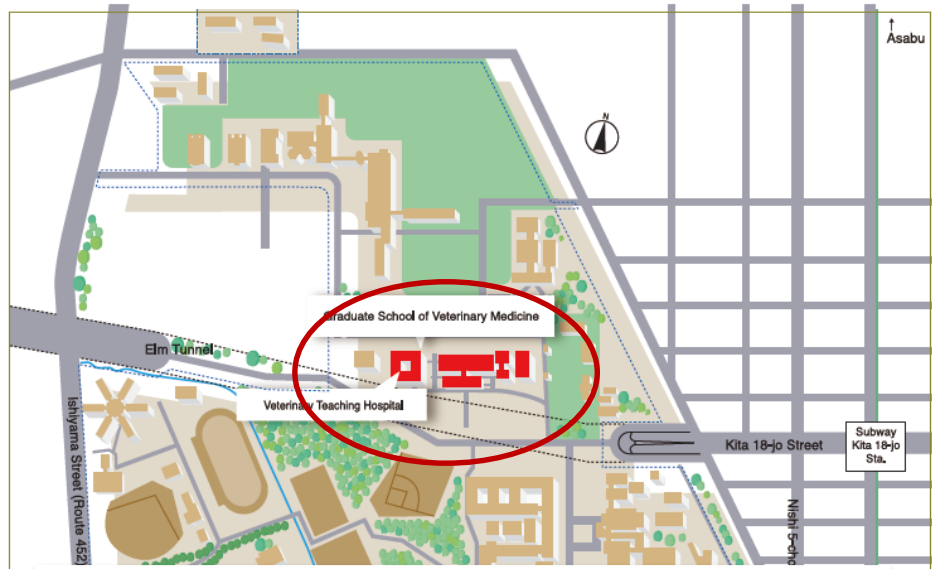
Hokkaido University Lusaka Office



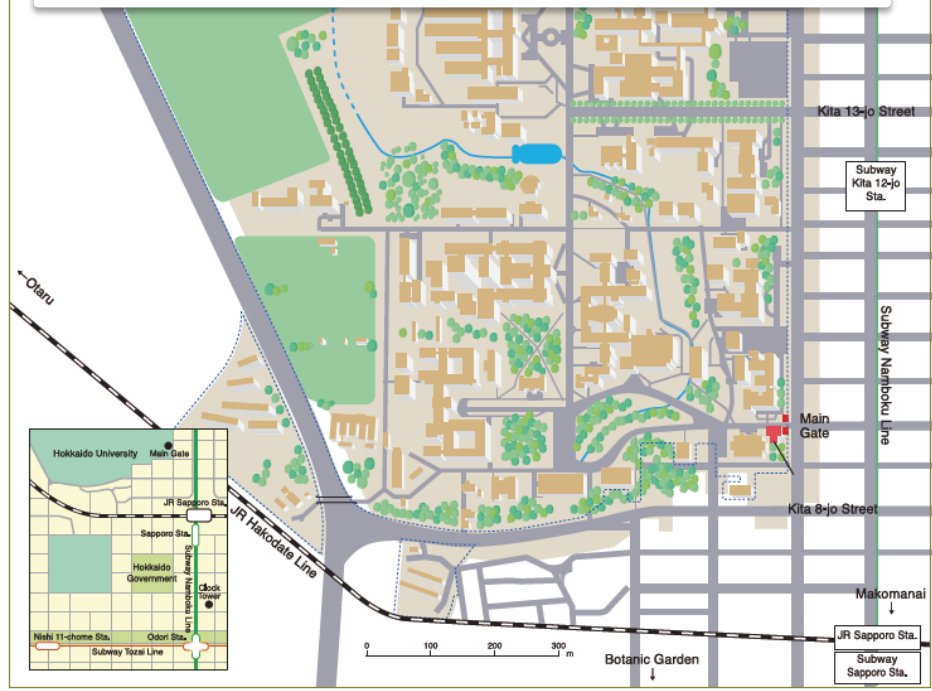
- ✘ Hokkaido University established office in Africa.
- ✘ Located at University of Zambia.
- ✘ Aim of this office is to have active exchanges for researchers and students between Japan and African countries.

Internet Key Words: Hokkaido University, Lusaka Office





❌ **Veterinary school is located at the north area of Hokkaido University.**



Outline of the Graduate School of Veterinary Medicine



- ✘ In 1952, it was re-established as the Faculty of Veterinary Medicine at Hokkaido University.
- ✘ We have only 1 class / 1 grade year, only 40 students for undergraduate course.

Fact Sheet of Vet School



- × Number of undergraduate students per class
 - 40 students per class (206 in total) (As of November 1,2013)
- × Total number of graduate students
 - PhD course: 86 students (As of November 1,2013)
- × Total number of foreign international students
 - PhD course: 36 students
 - Undergraduate: 1 student
 - Others (research students): 7 students (As of November 1,2013)
- × Total number of foreign faculty members =2
- × Percentage of lecture taught English at graduate courses
 - PhD course: 60% (100% if there are non-Japanese students in class)

Graduate School of Veterinary Medicine

Department	Laboratory
Biomedical Sciences	Anatomy
	Physiology
	Biochemistry
	Pharmacology
Disease Control	Microbiology
	Infectious Disease
	Parasitology
	Experimental Animal Science
Veterinary Clinical Sciences	Internal Medicine
	Veterinary Surgery
	Comparative Pathology
	Theriogenology
	Molecular Medicine
Environmental Veterinary Sciences	Public Health
	Radiation Biology
	Toxicology
	Wildlife Biology and Medicine
Applied Veterinary Sciences	Veterinary Hygiene

Characteristics①

Research Activities

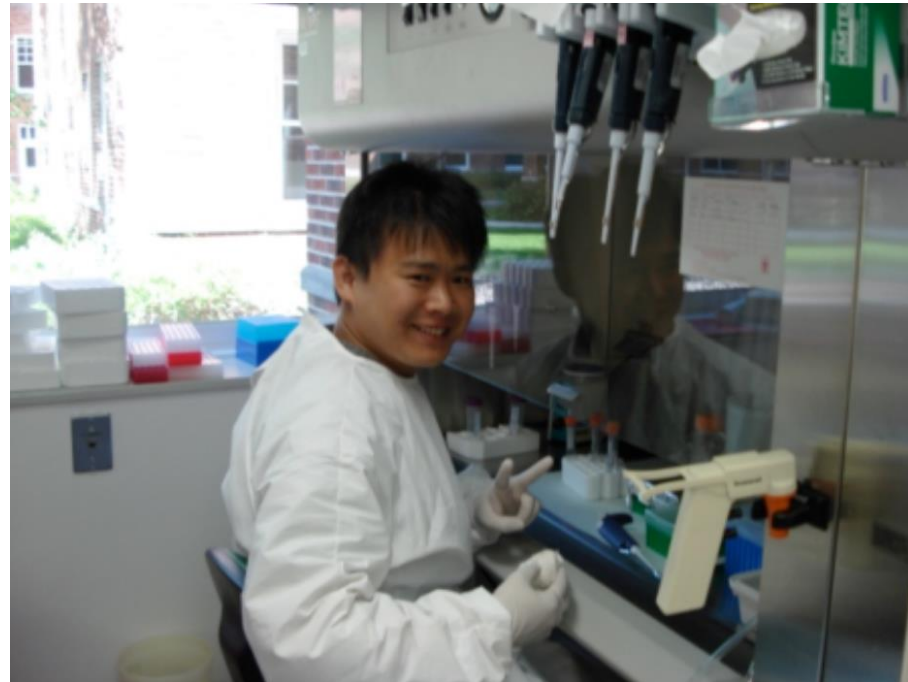


- ✘ Preventive medicine for pandemic diseases
- ✘ Highly-advanced medical technology
- ✘ Applied medicine for reproduction
- ✘ Toxicology for environmental medicine
- ✘ Regenerative medicine
- ✘ Control of foodborne infections
- ✘ Experimental animal medicine
- ✘ Wildlife animal medicine
- ✘ Pathbiology

Characteristics②

Overseas activities

(Field surveillance / collaborative research / conference)



✘ Overseas internship at NIH in USA



✘ Field research in SA

40% of graduate students are from foreign countries (in doctor course).



Educational and Research Projects at Vet school



✘ Undergraduate Education

- ASEAN International Mobility for Students Programme
 - Consortium for Collaboration of Veterinary Education between Japan and Thailand

✘ Graduate Education (fellowship program)

- The Program for Leading Graduate Schools (Leading)
 - Fostering Global Leaders in Veterinary Science for One Health
- The International Priority Graduate Programs (PGP)
 - Special Training Program for Veterinary Researchers toward Building an International Network for Veterinary Researchers

✘ Research

- Core-to-Core Program (collaborative research, symposium invitation, short training)
 - Develop a toxicology network for environmental pollution surveillance
 - International Toxicology Symposium in Africa countries (FY2014: in South Africa)
- Each collaborative research, e.g. SATREPS(JICA-JST program)

International Toxicology Symposium

to discuss on the environmental pollution in African countries

- ✘ **International Toxicology Symposium in Africa**
 - 2009~2012 in Zambia
 - 2013 in Ghana
 - 2014~2015 in South Africa
 - 2016 in Egypt



Researcher / Student Exchanges

	2009	2010	2011	2012	2013	2014	2015
Number of researchers	14/125 n / days	33/462	41/620	69/1501	47/1901	36/660	50/1075
Outbound countries	3 (from JPN)	4 (from JPN)	5 (from JPN)	5 (from JPN)	4 (from JPN)	4 (from JPN)	5 (from JPN)
Symposium Venue	Zambia (Univ of Zambia, Lusaka)	Zambia (Univ of Zambia, Lusaka)	Zambia (Univ of Zambia, Lusaka)	Zambia (Univ of Zambia, Lusaka)	Ghana (KNUST, Kumasi)	South Africa (Johannesbur g University and NWU)	South Africa (Johannesbu rg University and NWU)
Exchange countries	Zambia Ghana Nigeria South Africa Kenya Tanzania	Zambia Ghana Egypt Nigeria South Africa Botswana Kenya Tanzania Benin	Zambia Ghana Egypt Nigeria South Africa Botswana Cameroon Uganda Sudan	Zambia Ethiopia Ghana Egypt Nigeria South Africa Cameroon Sudan Nigeria Kenya Uganda Zimbab we	Zambia Ethiopia Ghana Egypt Nigeria South Africa Cameroon Sudan Nigeria Kenya Uganda Tanzania	Zambia Ethiopia Ghana Egypt Nigeria South Africa Cameroon Sudan Nigeria Kenya Uganda Tanzania	Zambia Ethiopia Ghana Egypt Nigeria South Africa Cameroon Sudan Nigeria Kenya Uganda Tanzania

Topics: pesticides, mycotoxin, metals, PAHs, POPs, dioxins, etc...

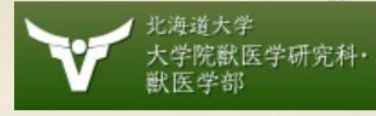




<http://aa.vetmed.hokudai.ac.jp/>

[Home](#) » [Symposium](#) » International Toxicology Symposium 2016 in Egypt

International Toxicology Symposium 2016 in Egypt

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Resent our activities in Africa

Project 1 Continuous surveillance on toxicological impact of environmental pollution in African countries

Project 2 International Toxicology Symposium in Africa

- To share information and establish toxicological network in Africa
- In 2016, Cairo, Egypt

Project 3 Visualization of impact of chronic / latent chemical hazard and Geo-Ecological Remediation in Zambia

- KAMPAL project (KAbwe Mine Pollution Amelioration Initiative)
- Hokkaido University: Faculties of Engineering, Veterinary Medicine, Health, Environmental Earth Science , Science. Private Company, etc.
- Collaborative Research and Establishment of “Monitoring Laboratory”

