



JICA-DSP



Graduate School of Infectious Diseases WISE Program for One Health Frontier, Graduate School of Excellence, Hokkaido University



JICA Development Studies Program (JICA-DSP)

Various universities, in collaboration with JICA, have established JICA-DSP among the graduate school degree courses they offer. JICA-DSP consists of class subjects pertaining to the development experience of modern Japan (including the experience of Japan's own development and of its cooperation with other countries through ODA). This program offers JICA scholars a chance to deepen their understanding of Japan's development experience in the respective academic fields.

The Graduate School of Infectious Diseases WISE Program for One Health Frontier, Graduate School of Excellence

The "Advanced and Comprehensive Studies on Zoonosis Control" program aims to cultivate competence in analyzing the occurrence of zoonotic diseases, evaluating the risk, developing and proposing countermeasures for the prevention of zoonosis, and conducting education and research on zoonosis. The course will create next-generation leaders who possess the advanced knowledge and broad vision required to make decisions for the control of infectious diseases worldwide.



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Hokkaido University offers JICA-DSP

<https://www.infectdis.hokudai.ac.jp/en/>
<https://onehealth.vetmed.hokudai.ac.jp/>

JICA-DSP offered by Hokkaido University



COURSE SUBJECTS

General Aspects of Zoonoses and Related Fields

- Lectures including epidemiology, host defense, vaccinology, medical entomology etc.

Tutorials

- Classes for rapid risk assessment and rumor surveillance

Miscellaneous

- Lectures including biosafety, international organizations such as WHO, OIE etc.

Specific Aspects of Zoonoses and Related Fields

- Information and learning on diseases including viral, bacterial, and parasitic infections
(Curriculum by faculty members via local development assistance and research)

Experimental Practice

- Practices including molecular diagnosis, serum diagnosis, virus isolation etc.



I participated in an exchange program with the School of Veterinary Medicine of Hokkaido University when I was a student at Kasetsart University, which led me to enroll in Graduate School of Infectious Diseases, Hokkaido University. Currently, I am learning the basics about the new concept of One Health and the necessary skills. My communication skills have improved through the planning and organization of student-organized academic events, and I am looking forward to experiencing the field through overseas training and internships in my third year.

Chayada Piantham

Kasetsart University
Thailand

Studying in Japan as a JICA scholar has empowered me with the skill sets required to solve various infectious disease challenges in my home country, Zambia. Most of the disease problems faced in Zambia are zoonotic, emphasizing a One Health approach to disease control. In this regard, the knowledge acquired from the JICA-supported Ph.D., which encompasses the Comprehensive Studies on Zoonosis Control program, gives me the necessary background to apply the One Health concept in disease management in Zambia.

Misheck Shawa

Ministry of Health (MoH)
Zambia



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<https://www.jica.go.jp/dsp-chair/english/index.html>