

The 3rd Leading Seminar



Hokkaido University
Leading Graduate School
Veterinary Science for One Health

Date: 18th September 2012

Time: 14:30 – 16:00

Venue: Lecture Hall

Employing the One Health Approach to Identify Susceptibles, Sources, and Sentinels of Coastal Pathogen Pollution.

Lecturer: Dr. Jonna A.K. Mazet

(Director, One Health Institute & Wildlife

Health Center;

Department of Medicine & Epidemiology;

School of Veterinary Medicine, University of California, Davis)



Abstract:

The protozoan parasite *Toxoplasma gondii* is emerging in new hosts and ecosystems around the globe. Environmental transmission of the extremely resistant *T. gondii* oocysts has resulted in infection of diverse species throughout the world, leading to severe disease and deaths in human and animal populations. *Toxoplasma gondii* infection in California sea otters (*Enhydra lutris nereis*) has also raised awareness of coastal pathogen pollution. As felids are the only recognized shedding hosts, marine animal infection suggests land to sea transmission. Using a One Health approach, we evaluated terrestrial environmental loading, as well as transmission dynamics in freshwater, estuarine, and marine systems.

Schedule:

- Lecture: 14:30 – 16:00 at Lecture room.

- Meeting: 16:10 – 17:10 at lecture room.

Topics: Wildlife in California and the opportunities for graduate students who want to study at UC Davis.
- Dr. Mazet success story.

- Party: From 18:00, around/in the new building.

We will have the thankful party.(Free)



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