

September 2008

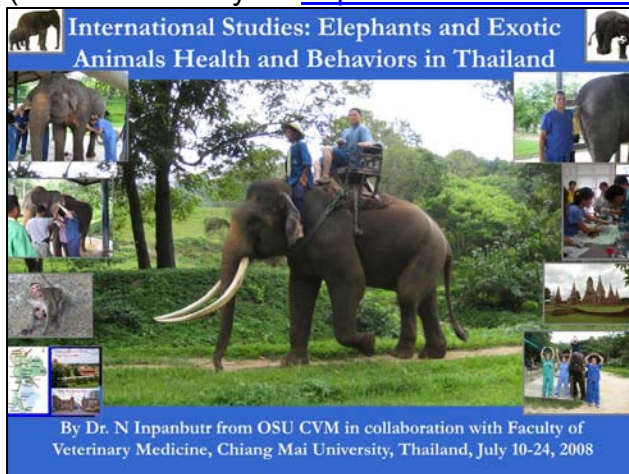
Issue 83

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Veterinary Students Experience International Studies in Thailand

(See movie story at: <http://vet.osu.edu/InternationalStudiesThailand.htm>)



Dr. Nong Inpanbutr of the Department of Veterinary Biosciences in The Ohio State University (OSU), College of Veterinary Medicine in collaboration with the Faculty of Veterinary Medicine, Chiang Mai University in Thailand, organized a two-credit hour elective course in **Elephants and Exotic Animals Health and Behaviors** for OSU veterinary students.

Dr. Inpanbutr started this program in 2005 with three students and four students in the following year. This year she took 12 veterinary students to Thailand. One of these students (Jennifer Song VME II) also conducted a summer research project (see story below) with Dr. Inpanbutr on Vitamin D levels in Thai elephants. The idea of the program was to provide an international study opportunity for veterinary students and to expose the students to international veterinary medical education and practice as well as a cultural experience.

The 2-week program started with 2 days of orientation and lectures at Chiang Mai University on the anatomy, health and behavior of Asian elephants. The rest of the program consisted of field trips lead by wildlife faculty of Chiang Mai University. Students participated in a variety of experiences including: hands on observations of elephant behavior, field trips, and discussions. The students also had the opportunity to visit a variety of places such as the Thai Elephant Conservation Center in Lampang, Mae Sa Elephant Camp in Chiang Mai, Chiang Mai Zoo, a Thai mobile dairy clinic and an exotic animal clinic, and a safari to see wild animals in nature. Their visited concluded with discussions, evaluations, and ceremony where the students were presented with participation certificates.

In the future, the program may be incorporated into the Graduate Interdisciplinary Specialization in Global Health. As part of the course, students will share their experiences with faculty, staff, and students in the OSU College of Veterinary Medicine in the Fall Quarter. For more details please visit: <http://vet.osu.edu/InternationalStudiesThailand.htm>)

High Marks for the 2008 Summer Student Research Program

The Summer Student Research Program is a 12 week research program at OSU designed to give 1st and 2nd year veterinary students the opportunity to conduct a research project for the summer with mentoring. Students select mentors from faculty members in the College of Veterinary Medicine and other OSU Colleges. The faculty mentors serve to guide the students through all aspects of a research project including experimental design, methodology, data collection and analysis, drawing conclusions and problem solving. The Program allows students to become involved in important research and discover if research is the right career path for them.

During this summer, the program held five Brown Bag Seminars series that exposed students to critically important research topics such as research ethics, experimental design, and analysis and presentation of data. A group of 15 veterinary students from the Program recently participated in the Merck Merial Veterinary Scholars Symposium at Michigan State University. The symposium was attended by more than 400 veterinary students and faculty with over 340 poster presentations by summer fellows. The following link shares a series of photos and facts from the symposium: <http://vet.osu.edu/3447.htm>

In addition, Dr. Stacey Fossey, a PhD student in the Department of Veterinary Biosciences, was selected as one of the three finalists for the Young Investigator Award competition at the Symposium for her presentation on "Dysregulation of STAT3 in Canine Osteosarcoma". Other honorable mention awardees from OSU included, Drs. Tzu-Yin, Chelsea Martin, and Jennifer McCleese. Overall, students that participate in this program have a great opportunity to collaborate with various researchers that can be beneficial to their career development.

Announcements:

The **2008 College of Veterinary Medicine Alumni Reunion** will be held on September 5-7. Check CVM Alumni Reunion events at <http://vet.osu.edu/3172.htm>

The online version of **DVM newsmagazine** featured a **National Cancer Institute grant on "Retrovirus Models of Cancer"** recently awarded to Drs. Michael Lairmore, Patrick Green, Kathleen Boris-Lawrie, Thomas Rosol, and colleagues. See: <http://veterinarynews.dvm360.com/dvm/Veterinary+news/Veterinary-cancer-collaboration/ArticleStandard/Article/detail/534063?contextCategoryId=46968>

Dr. Thomas Rosol recently served as an external reviewer for the Center for Comparative Medicine and Translational Research (<http://www.cvm.ncsu.edu/ccmtr/>) at North Carolina State University College of Veterinary Medicine. He will continue to serve as part of the 4-member external advisory committee. The Center is led by Dr. Gregg Dean and consists of over 100 faculties in multiple colleges including Engineering and Agriculture. Areas of emphasis include oncology, emerging diseases, mucosal immunology, allergy, and clinical genetics.

Wellness Tip: Grab the garlic. According to some studies, garlic may aid in lowering blood pressure. Do not use garlic as a substitute for any medication your doctor prescribes for blood

pressure management. Try replacing salt with garlic in meal preparation. At the very least...it adds a unique flavor!

Selected Recent Grants/Publications/Presentations/Awards/Appointments:

Alan Flechtner is the recipient of the College of Veterinary Medicine 2008 Outstanding Staff Award.

Amit Sharma of the Boris-Lawrie lab was awarded a predoctoral fellowship from the American Heart Association that begins July 1, 2008 and continues for three years.

Dr. Stacey Fossey of the London lab won one of the three finalist awards for the Young Investigator competition at the Merck-Merial Convention.

Dr. Lyn Wancket of the Oglesbee lab was selected for a position on a National Institutes of Health Institutional T-32 training grant entitled: Animal Models of Human Disease: Training in Mouse Pathobiology.

Dr. Kaku Ishihara from the Bertone lab was awarded a Research Fellowship from the Osteogenesis Imperfecta Foundation.

Arnold J, Zimmerman B, Li M, Lairmore MD, **Green PL**. Human T-cell leukemia virus type 1 antisense encoded gene, *Hbz*, promotes T-lymphocyte proliferation. *Blood*, In Press.

Radin MJ, Holycross BJ, Dumitrescu C, Kelley R, Altschuld RA. 2008. Leptin modulates the negative inotropic effect of interleukin-1 β in cardiac myocytes *Mol Cell Biochem*. 315:179-184.

G. Beamer, D. K. Flaherty, B. Vesosky, J. Turner. "Peripheral blood interferon- γ release assays predict lung responses and *Mycobacterium tuberculosis* disease outcome in mice." *Clinical and Vaccine Immunology*, 2008 Mar;15(3):474-83.

Gerspach C, Hull BL, Rings DM, Chew DJ, **Beamer GL**, Hubbell JA, Lakritz J. Hematuria and transitional cell papilloma of the renal pelvis treated via unilateral nephrectomy in an alpaca. *Journal of the American Veterinary Medical Association*. 2008 Apr 15;232(8):1206-9.



Staff Profile: Lewis (Bill) Kimble is one of our new histology technicians working in the histology lab. He is originally from Delaware, Ohio and has an impressive background and extensive training in histology for more than 15 years. He carries out a variety of duties related to performing analytical laboratory procedures such as collecting, preparing, processing, and testing laboratory specimens. When he is not working in the lab, he is an avid remote-control engineer, enjoys fishing, and loves watching NASCAR racing. Welcome Bill to the Veterinary Biosciences staff!