

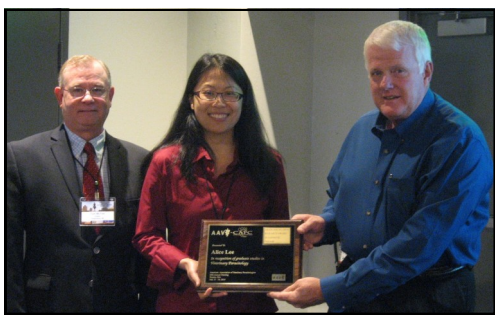
NATIONAL CENTER FOR VETERINARY PARASITOLOGY

NEWS FROM THE NCVP

NCVP at AAVP-LIWC-ISEP 2015

July 2015

RESIDENT DR. ALICE LEE WINS AAVP-CAPC GRADUATE STUDENT AWARD



Above, Dr. Alice Lee is presented with the AAVP-CAPC 2015 Outstanding Graduate Student award by Dr. Tom McTier (Zoetis, AAVP Awards Committee) (left) and Dr. Joe Hostetler (Bayer, NCVP Board Member) (right).

NCVP Novartis resident **Dr. Alice Lee** received the **AAVP-CAPC Graduate Student Award** for her research on zoonotic parasites including *Dirofilaria immitis*, *Toxocara canis*, and *Toxoplasma gondii*.

Pictured right: Egg of *Toxocara canis*. Dr. Lee assessed murine immune response to coinfection with *Toxoplasma gondii* and *T. canis* as part of her graduate research.



Alice received her DVM from the University of Guelph's Ontario Veterinary College in 2006, and then went into practice before deciding on a career in veterinary parasitology. She is a PhD student in the Biological and Biomedical Sciences program under the mentorship of **Dr. Dwight Bowman**, Professor of Veterinary Parasitology at Cornell University School of Veterinary Medicine and NCVP Advisory Board Member. **Congratulations, Alice!**

RESIDENT DR. YOKO NAGAMORI PLACES IN AAVP STUDENT POSTER COMPETITION

NCVP resident Dr. Yoko Nagamori placed second in the AAVP student poster presentation competition, in which over 25 students competed, with her poster entitled "Retrospective review of centrifugal fecal flotation findings from 2 dog and 3 cat populations in central Oklahoma, USA for *Alaria* spp. infections with investigations into wildlife reservoirs." Yoko earned her



Above, an *Alaria* sp. adult. *Alaria* species are a component of Dr. Nagamori's research at Oklahoma State University.

DVM from Iowa State University College of Veterinary Medicine in 2013 and soon after joined the NCVP as a resident. She is working with mentor

Dr. Mason Reichard, Professor of Veterinary Parasitology at Oklahoma State University Center for Veterinary Health Sciences and NCVP Board Member, on *Cytauxzoon felis* in domestic cats. Yoko also has a strong interest in **parasites of wildlife**, spurring her additional work on *Alaria* spp. **Way to go, Yoko!**

Dr. Yoko Nagamori (second from left) accepting her poster presentation award. Also pictured (from left to right) are Dr. Dan Snyder (Elanco, NCVP Board Member), other student awardees, and Dr. Ray Kaplan (University of Georgia, AAVP President-Elect/Program Chair).

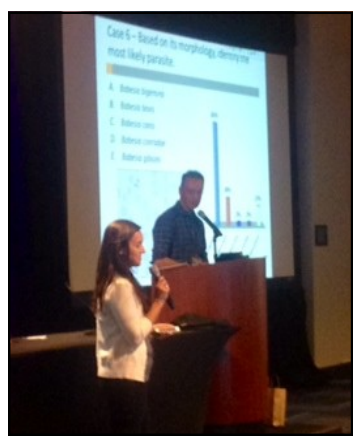
DR. MIKE DRYDEN IS AAVP-MERIAL DISTINGUISHED VETERINARY PARASITOLOGIST



Above, Dr. Mike Dryden receiving the 2015 AAVP-Merial Distinguished Parasitologist Award. From left to right: Dr. Doug Carithers (Merial, AAVP Secretary/Treasurer, NCVP Board Member), Dr. Mike Dryden, and Dr. Ray Kaplan.

Michael (Mike) Dryden, DVM, MS, PhD, DACVM (Parasitology) was recognized as the **2015 AAVP-Merial Distinguished Veterinary Parasitologist** during the opening night of AAVP 2015 in Boston, Massachusetts. Dr. Dryden, Distinguished Professor of Veterinary Parasitology in the Department of Diagnostic Medicine and Pathobiology at Kansas State University, delivered a poignant presentation to meeting attendees that chronicled his trials and tribulations, inspirations, and successes during his journey to becoming the internationally known, highly esteemed researcher that he is today (affectionately dubbed "Dr. Flea"). In addition to his research and teaching appointments, he is an Advisory Board Member of the NCVP. **Congratulations, Mike! An honor well deserved!**

NCVP RESIDENTS HOST AAVP-NCVP PARASITOLOGY CLICKER CASE SESSION



Above, Merial resident Dr. Jessica Rodriguez (Texas A & M University) provides an explanation in response to polled audience answers.

For the third consecutive year, the AAVP hosted the case-based, audience-interactive veterinary parasitology session organized by the NCVP. **Dr. Andrew Peregrine** again was an outstanding emcee. This year, the NCVP residents composed and presented the cases, and provided explanations as to why popular audience choices were/were not correct.



Left: NCVP clicker session with over 60 participants. Residents Drs. Alice Lee, Yoko Nagamori, Cassan Pulaski, Jessica Rodriguez, and Lindsay Starkey presented cases at AAVP 2015.

Many of the cases were challenging, which not only provided the NCVP residents valuable National Parasitology Board Exam preparatory experience in their research behind the cases, but also prompted Board-eligible (and interested) audience members to think through the cases. The session also provided a forum in which Board Exam question format and potential content were discussed. The session was a hit! **Many thanks to the AAVP** for hosting it and for audience members participating. **Great job, residents!**

NCVP PROMOTIONAL TABLE AGAIN POPULAR AT AAVP



The **NCVP table**, continually stocked with brochures, newsletters, resident and research grant applications, and yes of course, reliable peruser draws such as USB flash drives (with new parasite music videos!) and candy (parasite stamped M&Ms!) au gratis, was highly visited by AAVP, LIWC, and ISEP members. It was a very successful NCVP promotional effort yet again! Pictured left, NCVP Project Leader **Dr. Kelly Allen** (Oklahoma State University) sets up the promotional table on the opening day of the joint conference in Boston.

NCVP MEMBER PRESENTATIONS AT AAVP 2015

NCVP members again heavily participated in AAVP research presentations this year. See members and presentation titles listed below.

NCVP Resident Presentations:

- Canine infection with *Borrelia burgdorferi*, *Dirofilaria immitis*, *Anaplasma* spp., and *Ehrlichia* spp. In Canada, 2013–2014—**Dr. Brian Herrin**
- Detection of *Dirofilaria immitis* antigen 128 days post-infection in heat-treated canine serum —**Dr. Alice Lee**
- Pre-infection with *Toxoplasma gondii* alters host response to *Toxocara canis* —**Dr. Alice Lee**
- Retrospective review of centrifugal fecal flotation findings from 2 dog and 3 cat populations in central Oklahoma, USA for *Alaria* spp. infections with investigations into wildlife reservoirs—**Dr. Yoko Nagamori**
- Evaluating *Schistosoma mansoni* point-of-care immunodiagnostic tests for detection of *Heterobilharzia americana* antigen in dogs—**Dr. Jessica Rodriguez**
- Anemia as a unique clinical finding in caprine coccidiosis —**Dr. Lindsay Starkey**
- Ectoparasites of free-roaming domestic cats (*Felis catus*) presented to a spay-neuter clinic in Oklahoma, USA—**Dr. Jennifer Thomas**

NCVP Board Member Presentations:

- Efficacy of fluralaner against nymphal stages of *Rhipicephalus sanguineus* and *Amblyomma americanum*—**Dr. Kelly Allen**
- Cat flea susceptibility to imidacloprid: results of a 14-year monitoring initiative—**Dr. Byron Blagburn**
- A combination of imidacloprid and flumethrin (Seresto® Collar) prevents transmission of *Borrelia burgdorferi* (sensu stricto) and *Anaplasma phagocytophilum* to naturally infected ticks to dogs—**Dr. Byron Blagburn**
- Evaluation of afoxolaner chewables (Nexgard®) for control of flea populations on naturally infested dogs in private residences in Tampa FL, USA utilizing premises and on-animal flea population assessments—**Dr. Michael Dryden**
- Efficacy of Fluralaner Chewable Tablets (Bravecto®) administered to dogs against the adult cat flea, *Ctenocephalides felis felis* and egg production—**Dr. Michael Dryden**
- Comparative performance of grazing cattle in Idaho treated with Dectomax® Injectable Solution + Valbazen® Suspension or LongRange® Extended Release Injection—**Dr. Jennifer Edmonds**
- *Trichinella* spp. in two disjunct populations of *Puma concolor*—**Dr. Mason Reichard**
- Evaluation of entering cattle fecal egg counts and weights as indicators of response to deworming in a backgrounding operation—**Dr. Anne Zajac**

About the National Center for Veterinary Parasitology

Veterinary parasites impact human health and society in many ways. With the generous support of our sponsors, the National Center for Veterinary Parasitology works to promote greater understanding and control of parasitic diseases in animals through innovative partnerships between academia and industry. Housed in the Center for Veterinary Health Sciences at Oklahoma State University, the Center strives to create future generations of veterinary parasitologists, conduct targeted research, and provide diagnostic and consulting services worldwide. To learn more, please visit www.ncvetp.org.

