Dr. Sidney Ewing, Colleague and Friend

Dr. Sidney Alton Ewing, extraordinary parasitologist, mentor, and role model, died January 3, 2018 in Stillwater.

An Oklahoman by choice, Sidney was born in Georgia in 1934. He completed his DVM and BSA at the University of Georgia, an MS at the University of Wisconsin, and a PhD in veterinary parasitology with Dr. Wendell Krull at Oklahoma State University. During his career he served on the faculty and administration of 4 different veterinary colleges, including OSU, Kansas State, Mississippi State, and the University of Minnesota.

He was an ardent supporter of veterinary parasitology in general and the NCVP in particular. A true parasitologist’s parasitologist, in 2015 he delivered the keynote address at the NCVP board meeting to the awestruck delight of all. Sidney’s was a career of many firsts. He was the first to identify Ehrlichia canis in North America, the first to recognize a neutrophilic Ehrlichia now known to cause disease in people and dogs, and, together with his collaborators, the first to identify the tick vector of the agent of American canine hepatozoonosis. To date, three organisms have been named in honor of Dr. Ewing: Ehrlichia ewingii, Tylenchorhynchus ewingii, a stunt nematode, and Hepatozoon ewingii, an Australian apicomplexan.

Sidney was a kind and gentle person, a deeply committed mentor, and a faithful friend. He was married to fellow parasitologist Dr. Margaret Ewing, for more than 54 years and together they had three daughters, Holly, Ann, and Leah. Those who knew him professionally recognized him as a great man and a great parasitologist. We miss him dearly.
Two More NCVP Alumni Residents Boarded!

Dr. Jessica Rodriguez, Zoetis Field Specialist in Parasitology and Dr. Yoko Nagamori, Clinical Assistant Professor of Parasitology at the Oklahoma Animal Disease Diagnostic Laboratory (OADDL), both passed the Parasitology boards in December 2017.

Dr. Rodriguez served as the inaugural Merial Resident in the NCVP program. She earned her DVM from Texas A&M University in 2009 and completed an internship and practiced prior to returning to TAMU for her residency training and PhD under the direction of Dr. Karen Snowden. After graduating in 2017, she was hired by Zoetis as a Field Specialist and now works to educate veterinarians around the United States on best practices in clinical parasitology.

Dr. Nagamori earned her veterinary degree from Iowa State University before coming to Oklahoma State University for advanced parasitology training. During her residency under Dr. Eileen Johnson at OADDL, Yoko earned an MS degree studying *Cytauxzoon felis* under the advisement of Dr. Mason Reichard, NCVP Co-Director. After graduating, Yoko was hired by OSU as a Clinical Assistant Professor and she continues to conduct clinical research and train veterinary students, and residents in diagnostic parasitology.

Well done Yoko and Jessica!

Look Who’s in JAVMA News!

Early this year the NCVP was contacted by Katie Burns, a journalist with the AVMA, who was interested in updating the veterinary community on our activities through a news item. After interviewing NCVP Co-Director Dr. Susan Little and NCVP resident alum and current board member, Dr. Lindsay Starkey, this article was published.

We are very grateful for the support shown to the NCVP by AVMA and by the Journal.

Enjoy!
People Continued...

Spring 2018 NCVP Board Meeting

Once again, the NCVP faithful gathered in Stillwater, Oklahoma in March of this year to evaluate our progress to date and make plans for the future. We refined our outreach goals for the coming year, including externships and resident training opportunities, and devised some new strategies for making the greatest impact with our available funds.

Look for more exciting NCVP initiatives that support veterinary parasitology (and parasitologists!) in the coming months.

Parasitology—and the NCVP board—rocks!

Megan Wohltjen (NCVP), Dr. Doug Carithers (BI), Dr. Mason Reichard (OSU), Dr. Joe Hostetler (Bayer), Dr. Chris Adolph (Zoetis), and Kellee Sundstrom (OSU) enjoy a casual Shabu-shabu meal at Tokyo Pot in Stillwater during the NCVP meeting.

Denver for AAVP 2018—we’ll be there!

Planning is underway for a strong showing at the upcoming 2018 AAVP meeting in Denver, Colorado. The NCVP will again host an informational table (thanks AAVP!), providing parasitology resources to the membership. Be sure to come by to stock up on USB sticks, temporary tattoos, and—new this year—pop sockets!

We’ll also have on demonstration some parasitology specimens that we’ll be providing to all the veterinary schools this fall so stop by to take a gander and let us know what you think.

As always, our fearless residents will host the annual clicker case session and luncheon on Tuesday at the close of the meeting. Be sure to make travel arrangements that allow you to stay for the fun!

Looking forward to seeing everyone in Denver!
Over the past few years, several 4th-year veterinary students have completed externships with the NCVP at the Center for Veterinary Health Sciences, Oklahoma State University, Stillwater. Externs spend their time immersed in parasitology diagnostics, research, and teaching, gaining deeper insight into both the importance of parasitology within the veterinary profession and the skills needed to succeed as a parasitologist.

NCVP funds may be available to help defray some travel costs incurred during the course of the externship. Veterinary students interested in exploring careers in veterinary parasitology are encouraged to contact NCVP about externship opportunities.

In December of 2017, Dr. Kelly Allen, Assistant Professor of Parasitology, Oklahoma State University and NCVP Board Member, presented on the NCVP programs at the AAVP Educator’s Symposium in Columbus, Ohio. Key facts shared included:

♦ Over $1M USD to residents in veterinary parasitology at 7 different universities to date
♦ Almost $500k USD in research funding to 38 different projects at 21 different institutions, and counting
♦ A wealth of parasitology teaching resources, images, and case materials available for use around the world

NCVP has been developing leaders in the field and supporting clinical research since 2009.

Congratulations NCVP! (And thanks Dr. Allen!)
NCVP Small Grants Growing Apace

In Fall 2017, we received a **record number** of grant application in the **fifth cycle** of our small grants program to support AAVP researchers. Special thanks to the American Heartworm Society for their continued partnership in this effort.

Student involvement is required for every project along with an expectation that findings will be presented at the annual AAVP meeting. **Researchers and projects supported for the 2017/2018 NCVP Small Grants Program** are listed below. Congratulations everyone!

- **Dr. Anne Conan**, Ross University – Does the importation of cats from St. Kitts pose a risk for increasing the prevalence of subtropical and tropical pet parasites in the US
- **Dr. Sarah Hamer**, Texas A&M University – Clarifying host-vector and vector-host *Trypanosoma cruzi* transmission dynamics to reduce the risk of canine Chagas transmission
- **Dr. Phil Kaufman**, University of Florida – Improved sampling for and determination of seasonal incidence of dog heartworm-infected mosquitoes collected near private homes and dog kennel facilities
- **Dr. Roger Prichard**, McGill University – Pharmacology of ivermectin in *Dirofilaria immitis*
- **Dr. Meriam Saleh**, Oklahoma State University – Whole genome sequencing and comparison of canine and feline *Giardia duodenalis* isolates, assemblages C, D, and F, to genomes of assemblages A, B, and E
- **Dr. Heather Stockdale-Walden**, University of Florida – Natural causes of false negative antigen results for *Dirofilaria immitis* in a high endemic area as assessed by heat pretreatment, and influence of co-infections in sample obtained from necropsy confirmed dogs
- **Dr. Mostafa Zamanian**, University of Wisconsin – Discovery and exploitation of *Dirofilaria immitis* chemosensory receptors for anthelmintic discovery
- **Dr. Sarah Zohdy**, Auburn University – Does canine infection with *Dirofilaria immitis* impact mosquito vector attraction?

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](http://www.ncvetp.org).
Our residents, faculty, and board members are a busy group. Below is a very abridged list of just a few of the recent publications from NCVP members (names of board members and residents are bolded). To request the full list or individual reprints, please send an email to ncvp@okstate.edu. Most importantly if you have suggestions for future continuing education articles, review papers, or topics you think would be of interest to veterinarians and others in parasitology, please send us your suggestions.

**2018 TO DATE...**


**2018 TO DATE, CONTINUED...**


**HIGHLIGHTS FROM 2017...**


