



CDC Southeastern
Center of Excellence in
Vector Borne Diseases
The Gateway Program

Newsletter

Summer 2020

News and Updates

Lyme Disease Awareness Month Lunch & Learn Series

Every Friday at 1pm ET during Lyme Disease Awareness Month, the Vector-Borne Disease Regional Centers of Excellence will give interactive presentations on their work for tickborne diseases such as; tick surveillance, how to collect ticks, tick bite prevention, tickborne disease research, and other activities. Register here: bit.ly/TickLunchLearn



May 22 - "The Travelling Tick: Studying Ticks Across Borders", the Western Gulf Center of Excellence for Vector-Borne Diseases

May 29 - "Ticks in the Wild West", the Pacific Southwest Center of Excellence in Vector-Borne Diseases

To view the slides and FAQs from our presentation, "Ticks Don't Social Distance" on May 1 please visit our website: bit.ly/SEVBD_TickLunchLearn

New Website

Have you visited our website recently? We have a new look and website full of information from vectors to our weekly updated job board! Visit us: bit.ly/SEVBD

Chagas Disease Awareness

Dr. Norman Beatty from our center is running for Chagas Disease Awareness! April 14, 2020 was the first ever World Chagas Disease Day, and Dr. Beatty set a goal to run 1,000 miles in one year for the cause.

Join him in #RunningforChagas on [Twitter](https://twitter.com) and [Instagram](https://www.instagram.com).

bit.ly/SEVBD_RunningForChagas





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“Meet Our Team” Interviews

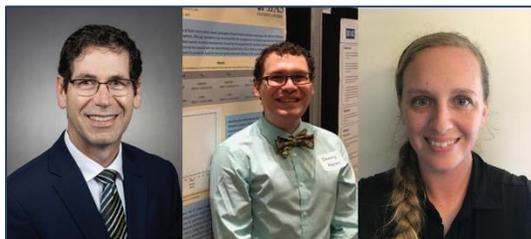
We have started a new series called “Meet Our Team” in which we interview researchers from our center. Every week throughout the summer you will be able to learn more about different researchers and the projects they are working on.



Edmund Norris, a post-doctoral research associate at the Emerging Pathogens Institute under the direction of Jeffrey Bloomquist at University of Florida. His research focuses on finding new tools to control vectors and avoid insecticide resistance. To learn more visit our website: bit.ly/SEVBD_EdmundNorris



Kristi Miley, a PhD candidate at University of South Florida in the Thomas Unnasch Lab. Her dissertation research focuses on wintertime transmission of Eastern Equine Encephalitis Virus in Florida. To learn more about Kristi and her research click here: bit.ly/SEVBD_KristiMiley



Dr. Phil Kaufman, Zach Kaplan (former masters student), and **Caitlin Taylor** (lab manager) who study insecticide-resistance in ticks. To learn more about their research click here: bit.ly/SEVBD_KaufmanLab



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Featured Training Opportunities

Mosquito Training Course for Pest Managers by IFAS and SEVBD

Our Center of Excellence, along with partners in the University of Florida's Institute of Food and Agricultural Sciences, have an online course in mosquito training for pest managers.

Participants who complete the 11 modules in the course will learn to identify and understand the mosquitoes of major importance in the urban environment, their life cycles, the general methods of control, personal protective equipment required for safe insecticide application, and the laws and regulations governing mosquito control for the urban pest management industry. To learn more visit: bit.ly/SEVBD_MosquitoCourse

For more training opportunities please visit our website: bit.ly/SEVBD_Training

Featured Job Opportunities

Intern: Pasco County Mosquito Control and SEVBD



Pasco County Mosquito Control District (PCMCD) and the CDC Southeastern Center of Excellence in Vector Borne Diseases is seeking applications for a student internship opportunity for the summer of 2020. Student interns will contribute to various on-going research and surveillance projects. They will be exposed to the principles of integrated pest management as it applies to mosquito control, trapping and surveillance, mosquito biology and identification, lab rearing and handling, larval and adult resistance testing. The student intern will work under the direction of the Entomologist. Duties would include but are not limited to breeding site surveillance, adult mosquito trapping and identification, larval collection and sorting, egg collection and mosquito rearing, larval and adult bioassays. Applications are due by May 29, 2020. To learn more please visit our [website](#).



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Intern: Tennessee Department of Health VBD Program and SEVBD

The CDC Southeastern Center of Excellence in Vector-Borne disease is seeking applications for a part-time student worker position at the Tennessee Department of Health Vector-Borne Diseases Program in Nashville. The work will take place at the Vector-Borne Diseases Laboratory for the surveillance of West Nile virus and other arboviruses utilizing molecular detection approaches. The worker will be trained to support the testing and reporting of mosquitoes from cities throughout Tennessee in order to conduct targeted mosquito control during the spring, summer and fall to reduce the transmission of arboviruses and reduce or prevent serious illnesses. The worker will learn to process samples under biosafety level 2 conditions, extract viral RNA using biorobotic technology, and conduct realtime PCR multiplex assays to detect multiple viruses. The worker will gain laboratory, field and epidemiology experiences. To learn more please visit our [website](#).

Intern: Georgia Department of Public Health and SEVBD

The intern will be provided with training on the surveillance and control of vector-borne diseases at the Georgia Department of Public Health and in the field. The intern will work with the Vector Surveillance Team at the Georgia Department of Public Health, Environmental Health Section and with the regional Vector Surveillance Coordinators (VSCs). The Vector Surveillance Coordinators have a primary responsibility to conduct and improve mosquito surveillance for arborviral diseases. Duties include establishing surveillance locations throughout the Public Health Districts, setting up traps and collecting mosquitoes, mosquito identification, complaint response, community assessments, and community education programs. The VSC also collect mosquito eggs throughout Georgia for pesticide resistance testing. The VSC may help coordinate mosquito control activities with existing city/county/contracted mosquito control agencies and assist with localized control efforts. The VSC also supports the Environmental Health Team by assisting with surveillance for other public health pests of concern, including ticks and tickborne diseases, rabies, and bedbugs. They may participate in outbreak detection and response activities, working with both Environmental Health and Epidemiology. The intern will be involved in a number of activities to assist with the smooth execution of vector surveillance during mosquito and tick season depending on need. The intern may assist with public outreach in case of human arboviral cases or assist with phone calls concerning insects or other arthropods of public health importance. To learn more please visit our [website](#).



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Intern: Alabama Department of Public Health Infectious Diseases and Outbreaks Division and SEVBD

The CDC Southeastern Center of Excellence in Vector-Borne disease is seeking applications for a student intern to work with the Alabama Department of Public Health (ADPH) Infectious Diseases & Outbreaks Division (ID&O). The student intern will contribute to an ongoing systematic survey of medically important mosquito species and arboviral testing. Eggs will be collected, hatched, and processed for species identification as well as testing for insecticide resistance. Adult mosquitoes will be identified and processed for arboviral testing. Students will gain experience in field work and some laboratory work. To learn more please visit our [website](#).

Associate Professor, Arbovirologist at Tulane University: School of Public Health and Tropical Medicine: Tropical Medicine

The Department of Tropical Medicine in the Tulane School of Public Health and Tropical Medicine is seeking a prominent investigator in arboviral research to develop a Center of Vector-Borne Infectious Diseases. The candidate should have a well-developed program in the area of molecular epidemiology, immunology, molecular biology, pathogenesis or pathogen-vector interactions for one or several arboviruses. Resources will be provided for relocation and recruitment of additional faculty positions. Candidates should have evidence of sustained scientific productivity and may have external funding for research. To learn more please visit our [website](#).

For more internship and career opportunities please visit our website: [bit.ly/SEVBD JobBoard](https://bit.ly/SEVBD_JobBoard)

To advertise VBD-related opportunities, please email us at flvbdcoe@gmail.com.

**Want to join our mailing list? Subscribe here: [bit.ly/SEVBD Newsletter Signup](https://bit.ly/SEVBD_Newsletter_Signup)
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