



SPRING 2017

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"On The Move" Newsletter

Student Recognition

The American Mosquito Control Association (AMCA) is the leading national professional association for all aspects of mosquito-transmitted disease surveillance, prevention and control. The AMCA 83rd Annual Meeting was recently held in San Diego, CA and ENTX graduate students from Dr. Steve Presley's lab competed for and received two nationally competitive AMCA Young Professionals Industry Shadowing Program awards and the Kelly Labell Travel Award.

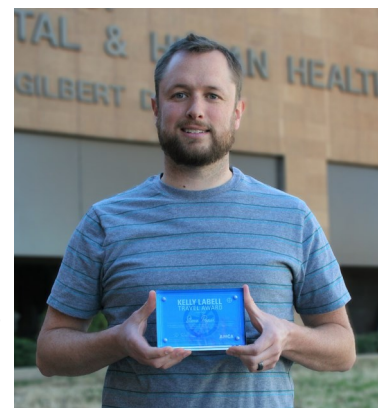
Katie Haydett was sponsored by SC Johnson, Inc. She was awarded a \$1,000 travel stipend to allow her to attend the AMCA Annual Meeting, during which she became a temporary member of the SC Johnson team. The experience brought together all aspects of the mosquito profession in which Katie was able to work with entomologists from SC Johnson.



Alex Wilson-Fallon was sponsored by Central Life Sciences, Inc., an agriculture pest and vector management company. In addition to the \$1,000 travel stipend from Central Life Sciences, Alex was given the opportunity to speak with their scientists, consultants, and managers about pursuing a career in mosquito control.



Steve Peper was awarded the *Kelly Labell Travel Award* sponsored by Bayer. The award was established by Mr. and Mrs. Labell, in partnership with Bayer, to honor the life of their daughter Kelly who died from Eastern equine encephalitis (EEE). Annually, the award funds an all-expenses-paid trip to the American Mosquito Control Association Annual Meeting. Steve was recognized during the Annual AMCA Banquet and was presented with the award from Kelly's parents as well as the president of the AMCA.



Juliette Jordan received one of the 2017 Environmental Chemistry Graduate Student Awards from the Environmental Chemistry Division of the American Chemical Society (ACS).



Logeswari Ponnusamy received the 2017 Society of Toxicology (SOT) Biotechnology Specialty Section Student Achievement Award and the SOT Comparative and Veterinary Specialty Section Student Travel Award.



Kia Hayes was awarded a grant from the San Francisco Bay Chapter of the American Cetacean Society for research on contaminant patterns in Eastern North Pacific gray whales. Kia is an M.S. student in Dr. Céline Godard-Coding's lab.



Student News

Amanda French placed first in the Graduate School's 3 Minute Thesis completion this past Fall. Amanda will participate in a regional competition next month.

Chandi Revanna received a travel award from the graduate school to attend the American Academy of Allergy Asthma and Immunology (AAAAI) annual meeting in Atlanta. Chandi will present a poster on her research on reducing indoor aeroallergens using photocatalytic oxidation and plasma nanotechnology.

Ph.D. student **Lucy Lim** (with some assistance from her husband) was busy promoting TIEHH's State Indoor Radon Monitoring program (www.tiehh.ttu.edu/radon/) at the Lubbock Association of Realtors Fair.

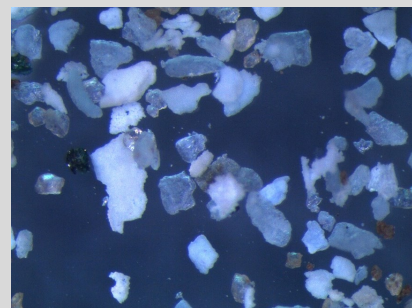
Kia Hayes and **Kelsey Thompson** received Grant-in-Aid funding from the Texas Tech Graduate School for the Fall semester.



Ph.D. student **Brittanie Dabney** is new to our program this Spring.



Steve Lasee, Jessica Mauricio, and Will Thompson are part of a team of authors on a paper in an upcoming special issue of *Integrated Environmental Assessment and Management (IEAM)* on "Microplastics". The team monitored the presence of microplastics in Lubbock's canyon lake system which receives treated wastewater effluent.



Ph.D. student **Naveen Kumar** was notified that his M.S. thesis received the Society of Pesticide Science India's best thesis award. The award was sponsored by the Division of Agricultural Chemicals of the ICAR-Indian Agricultural Research Institute.

Ph.D. student **RP Oates** has a forthcoming article in the *International Journal of Acoustics*. The research was inspired by a visit from ASIUS Technologies Chief Scientist Stephen Ambrose, who gave a seminar at TIEHH on his earbud technology that prevents harmful acoustic exposures. The model is the first of its kind to outline the physics of how current earbud technology causes ototoxicity in the auditory system through overpressures. This model will be applied towards making earbud technology safer and more affordable through the non-profit organization Rock Gives Back Hearing (a collaboration of Brian Johnson of AC/DC and ASIUS Technologies).

Rolling Stone

AC/DC's Brian Johnson Gives Positive Update on Hearing Loss

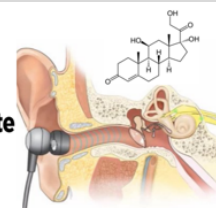
"I was ... able to hear music again like I haven't heard for several years now," singer says of new in-ear technology

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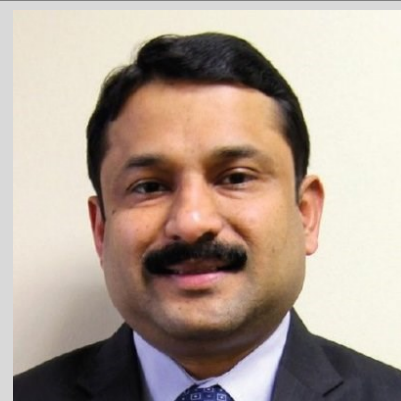


Alumni News

Dr. Munim Hussain, a 2006 graduate of our program, has been promoted to Corporate Director of Environmental Engineering at MGP Ingredients, Inc.



Dr. Uday Turaga, a 2014 graduate from Dr. Sheshadri Ramkumar's lab, had some of his dissertation research appear on the cover of TAPPI Journal.



Dr. Nick Dunham (Ph.D. 2016) and wife Priscilla have a new baby girl (Dru Isla Dunham) born November 22, 2016.



Faculty News



Dr. Francis Wekesa (Ph.D. in Chemistry from Texas Tech) is a new postdoc in **Dr. Ernest Smith's** laboratory. Francis is working on natural products and synthetic organic chemistry.

Last Fall, **Dr. KP Singh** gave a presentation at the 13th *International Symposium on Recent Advances in Environmental Health Research*.

Dr. Angela Peace (Mathematics and Statistics) and **Dr. Greg Mayer** are investigators on a recently funded NSF project entitled, "*Robust Mathematical Models of Ecotoxicological Dynamics Subject to Stoichiometric Constraints*". Their labs will design and conduct laboratory experiments in conjunction with mathematical models that account for both nutritional value of diet and toxicant load.



Dr. Todd Anderson recently served as a panelist for the Howard Hughes Medical Institute (HHMI) Professors Program. Anderson was also asked by the NIH National Library of Medicine to serve on a panel addressing the role of NLM in advancing biomedical discovery and translational science.

After 16 years with TIEHH, Karinne Truelock retired last month. Karinne was a true multi-tasker, and assisted faculty and grad students with everything from supply orders to reconciling grant accounts. She will be missed. It's under "Faculty News" because faculty were probably the biggest pain for Karinne during her time with us.

A Few Pictures



Fall 2016 Adopt-A-Highway



December 2016 Graduation

December 2016 ENTX graduates: **Meghan Cromie** (Ph.D.), **Neha Sawant** (M.S.), **Nick Dunham** (Ph.D.), **Jordan Hunter** (Ph.D.), **Evy Zirena** (Ph.D.), and **Jacob Carrick** (M.S.).



*Dr. Evy Zirena from the Chronicle
of Higher Education*

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and
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