



HBVC 2022 Speaker Bios

Peter Fowler

Peter Fowler received his DVM from Michigan State University College of Veterinary Medicine in 2020, where he focused on disease ecology and One Health. He is currently a 3rd year PhD student in the department of Comparative Medicine and Integrative Biology (CMIB), working with Dr. Meghan Milbrath studying bacterial brood diseases of honeybees. His current focus is on transmission dynamics and drivers of virulence of *Melissococcus plutonius* the causative agent of European Foulbrood.

Zachary Huang

<http://bees.msu.edu/bio>

Katie Lee

Katie Lee is a researcher and Apiculture Extension Educator at the University of Minnesota. Katie received both a MS and PhD in entomology from the University of Minnesota with Dr. Marla Spivak. Her work focuses on the parasitic mite *Varroa destructor*, metrics that indicate queen bee and colony health, and the benefits of pollinator plantings on honey bee health. She also develops educational materials for beekeepers. For the non-profit Bee Informed Partnership, Katie helped found two Tech-Transfer Teams that provide services for commercial beekeepers by assessing colony health and testing breeding stock for disease resistance behavior. Katie serves on the boards of the Bee Informed Partnership and the Minnesota Hobby Beekeepers Association.

Elaine Evans

Elaine Evans is a University of Minnesota Extension Educator and Researcher working on pollinator education and research relating to bee conservation. Elaine completed an M.S. and Ph.D. in Entomology at the University of Minnesota. Elaine's work helps to monitor pollinators, improve habitat, and raise awareness of pollinator conservation needs and action steps.



Chris Cripps

Chris started to keep bees while earning his Boy Scout Merit Badge in Beekeeping. At Cornell University, he took beekeeping classes that included laboratory sections as part of his BS. While earning his Doctor of Veterinary Medicine degree at The Ohio State University, he worked as a bee inspector for Franklin and Delaware Counties. After graduation, he moved to Greenwich NY where he worked as a food animal veterinarian for 17 years while keeping bees as a sideline hobby. In 2012, he and a partner bought Betterbee, a beekeeping supply business where he has worked daily since. He has taught classes and works with customers to help diagnose and correct problems that come up with their bees. He is a past-president of the Southern Adirondack Beekeepers Association. He helped organize the Honey Bee Veterinary Consortium and is also a member of the New York State Apiary Industry Advisory Committee. He has lectured at many veterinary meetings about honey bee medicine. He wrote a chapter for Honey Bee Medicine for the Veterinary Practitioner about regulations and co-authored a chapter on honey bees in Invertebrate Medicine, 3rd ed.

Terry Ryan Kane

Dr. Terry Ryan Kane earned a Master of Science degree in Ecology from the University of Illinois, Chicago and took beekeeping while attending veterinary school at the University of Illinois, Champaign-Urbana. After decades of clinical practice, she pivoted to policy as an AAAS science advisor in the U.S. Senate working on the Farm Bill, emerging diseases, and antibiotic resistance. Following the FDA ruling on antibiotic stewardship in livestock animals, she has devoted her time to teaching veterinarians/students about honey bees and pollinator ecology. She is currently serving on the Executive Board of The Honey Bee Veterinary Consortium, an organization of honey bee veterinarians and students. She is co-editor of a textbook, Honey Bee Medicine for the Veterinary Practitioner (Wiley Press, 2021). She is a licensed, instrument rated pilot and owner of a Cessna 172.