

## About the 2021 Annual Meeting Speakers



**Dr. David Tarpy**  
*North Carolina State University*

Dr. David Tarpy is a Professor of Entomology and extension specialist in honey bee biology. He maintains a website dedicated to the dissemination of information and understanding of honey bees and their management, spearheads numerous extension projects (such as the 2005 New Beekeeper Cost-sharing Program that created hundreds of new beekeepers within the state), and launched the Beekeeper Education & Engagement System—an exciting online learning resource for knowledge and understanding of bees and beekeeping. His research interests focus on the biology and behavior of honey bee queens in order to better improve the overall health of queens and their colonies. Specific research projects include understanding the effect of multiple mating on colony disease resistance, using molecular methods to determine the genetic structure within honey bee colonies, and determining the regulation of reproduction at the individual and colony levels. His work has provided some of the best empirical evidence that multiple mating by queens confers significant benefits to colonies through increased genetic diversity of their nestmates, particularly through increased tolerance to numerous diseases. More recently, his lab group has focused on the reproductive potential of commercially produced queens, testing their genetic diversity and mating success in an effort to improve queen quality.



**Paul Tessier**  
*Massachusetts State Apiary Inspector*

Paul Tessier started in 2017 with MDAR as a Seasonal Apiary Inspector in the Apiary Program. His family has been beekeeping for the past seven years and has a small sustainable apiary in Dighton, MA. He is not only knowledgeable about honey bees and beekeeping in Massachusetts, but also passionate about providing support to beekeepers. Paul transitioned to Full Time Apiary Inspector this past March.



**Jennifer Lund**  
*Maine State Apiarist and Bee Inspector*

Jen has a master's degree in entomology from the University of Maine in Orono. She was hired as the Maine State Apiarist in 2016 and is passionate about honey bee health and helping beekeepers succeed. In addition to inspecting “a couple of thousand” hives, Jen also provides between 40-60 extension and outreach programs for beekeepers, schools, community groups, conservation groups and the general public each year. Her love of science and data has expanded the Apiary Program’s participation in survey and research initiatives. Maine currently participates in the National Honey Bee Health Survey and the National Exotic Bee and Wasp Survey. In collaboration with the Massachusetts Apiary Program, Jen was awarded a grant to develop and distribute varroa mite educational materials and free mite wash jars to beekeepers in Maine, greatly increasing the adoption of monitoring by beekeepers across the state. In her spare time, Jen manages several hives of her own on her farm in Argyle Township.