

Northeastern Kansas Beekeepers' Association  
Beginning Beekeeping Class 2019  
Part 1—Sunday, March 3rd, Part 2—Sunday, March 10<sup>th</sup>  
Douglas Co. Fairgrounds, Lawrence, KS

Starting beekeeping in 2019 or want to be a better beekeeper? Local beekeepers will teach best-practice beekeeping for NE KS with science-based instruction. Master and experienced beekeepers available to answer your questions and help you understand mankind's most beneficial insect.

Special Guest: Juliana Rangel, Ph.D. from Cornell University, working under Dr. Tom Seeley. Dr. Rangel is an assistant professor at Texas A & M in College Station, TX. She has been recognized across the country for her work in honey bee reproductive health.

Register @ [www.NEKBA.org](http://www.NEKBA.org). Each registration (1/family) will receive: The Beekeeper's Handbook by Diana Sammataro & Alphonse Avitabile and A Field Guide to Honey Bees & Their Maladies Published by Penn State Extension and MAAREC

Sunday, March 3

- 12-1:00 Registration
- 12-1:00 **Information Stations:** Varroa sampling, Hive assembly, Frame assembly, Foundation choices (wiring beeswax foundation), Lighting your smoker
- 1:00 **Introductions** Steve Messbarger, NEKBA Pres.
- 1:05-1:50 **Beginning with Bees** An introduction to vocabulary, biology, equipment, and some considerations before you begin. Becky Tipton, NEKBA event chair
- 1:55-2:25 **Beekeeping Equipment** Woodenware (names & assembly), feeders, smoker, safety clothing Steve Messbarger, NEKBA Pres
- 2:25-2:55 Break
- 2:55-3:40 **Package & Nuc Management** Installing, care and feeding of your new hive. Spring inspections. Kristi Sanderson, Master beekeeper
- 3:45-4:15 **What Does Healthy Look Like?** Is my hive growing as it should? Should I still be feeding? What is my hive telling me? Jo Patrick, NEKBA event chair
- 4:20-4:40 **Safety Tips for all Beekeepers** Alex Pantos, NEKBA board member
- 4:45-5:00 **All about NEKBA** Resource info, opportunities, programs, our library Matt Merz, The Buzzer editor

**Q & A—All presenters available to answer your questions & visit the information stations.**

Sunday, March 10

- 12-1:00 **Registration & Information Stations**
- 1:00-1:50 **Bee Biology** Beekeeping is applied bee biology. Understanding why the bees do what they do. Dr. Juliana Rangel, TX A&M
- 1:55-2:40 **Swarm biology** One of the most fascinating aspects of colony life. Dr. Juliana Rangel, TX A & M
- 2:45-3:10 Break
- 3:10-4:00 **Diseases and Pests** Honey bee health has never been more important. Dr. Rangel will introduce the pests you are likely to see in your hives. Dr. Juliana Rangel, TX A & M
- 4:05- 4:20 **All About NEKBA (part 2)** County Fairs, State Association, Funday Matt Merz, The Buzzer editor
- 4:25 – 5:15 **Seasonal Management** Late summer to winter, honey harvest, hive health, varroa management, winter prep Steve Tipton, past president
- 5:15-5:30 **Q & A**

**Door Prize Drawing** \*Presenters are subject to change.  
Please complete your evaluation, we appreciate your comments!