

**Registration  
Open!**



**CIBA's 75th  
Anniversary**

**Central Iowa Beekeepers Association  
2022 Winter Seminar**

**Saturday, March 19, 2022  
Grimes Community Complex, Grimes, IA**



**Dr. Tom Seeley (via Zoom)**

Cornell University, Ithaca, NY

***How a Honey Bee Swarm Moves to its Chosen Home &  
Hive Thirst: How Does a Honey Bee Colony Regulate  
Its Water Collection***

**Dr. Carol Fassbinder-Orth**

Creighton University, Omaha, NE

***The Science of Bee Decline***



**Randall Cass**

Iowa State University, Ames, IA

***Small Hive Beetles--What you need to know***



**Andy Joseph**

IDALS, Ankeny, IA

***Transitioning into Sideline Scale Beekeeping***



All-day seminar

Gourmet box lunch from Palmer's Deli  
Four choices including vegetarian option  
Breaks with drinks and snacks

Registration by mail

Registration deadline (received by) Tues., March 15, 2022

No walk-in registrations

\$40 per person registration, \$35 for current CIBA members  
& \$20 for students (college and K-12)

Additional registration info and updates at CIBA website:  
([www.centraliowabeekeepersassoc.org](http://www.centraliowabeekeepersassoc.org))

**Questions?**

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## Dr. Tom Seeley (via Zoom)

Horace White Professor in Biology, Department of Neurobiology and Behavior  
Cornell University, Ithaca, NY



Dr. Seeley is the author of several books on honeybee behavior, including *Honeybee Democracy* (2010) *The Wisdom of the Hive* (1995) and his most recent books *Following the Wild Bees* (2016) and *The Lives of Bees* (2019). He is an invited speaker across the US and internationally. In 2001 Dr. Seeley received the Humboldt Prize in Biology given to internationally renowned scientists and scholars. His studies emphasize swarm intelligence (the solving of cognitive problems by a group of individuals who pool their knowledge and process it through social interactions) by investigating how bees collectively make decisions.

## Dr. Carol Fassbinder-Orth (in person)

Professor of Zoonotic Diseases, Department of Biology  
Creighton University, Omaha, NE

Dr. Fassbinder-Orth grew up on a commercial bee farm in northeast Iowa (Fassbinder Apiaries). She received a B.S. in Genetics from Iowa State University in 2003, and a PhD in Zoology from the University of Wisconsin-Madison in 2008. She has been a faculty member at Creighton University in Omaha, NE since 2008. Carol is the Director for the Center of Undergraduate Research and Scholarship at Creighton. Carol and her husband Brian own Bountiful Blossoms Bee Company in Glenwood, IA, where they sell over 40 different honey and beeswax products, and Carol uses their 50 colonies for her research projects. Her research focus is on honey bee disease biology, with a specific focus on honey bee viruses. Carol's 17-year old daughter, Amara, also researches bees, and has devised a machine-learning program that predicts the health state of a colony based on sound collected from the hive. Beekeeping runs in their family!



## Randall Cass (in person)

Bee Extension Specialist, Department of Entomology and Extension and Outreach  
Iowa State University, Ames, IA



Randall joined Iowa State University in 2017, becoming the institution's first bee extension specialist in over 70 years. In his role he coordinates bee research, manages the university's honey apiary, lectures, and provides outreach to beekeepers, farmers, and landowners. Cass is especially interested in taking an integrated pest management (IPM) approach to controlling honey bee pests and conducting research exploring the effects of landscape on colony health. Prior to coming to Iowa State, he managed rural development programs in Guatemala and El Salvador, working with small farmers and beekeepers. Randall holds a Master of Science from the *University of California, Davis* and a B.A. from *Willamette University*.

## Andy Joseph (in person)

Iowa State Apiarist, Entomology & Plant Science Bureau  
Iowa Department of Agriculture and Land Management, Ankeny, IA

Andy has been with IDALS as the State Apiarist for 14 years. Andy has a MS in Entomology from the University of Kentucky (UK) in Lexington. Andy's research at UK focused on bees as pollinators in monoculture – looking at the role of nectar foraging in relation to overall foraging activity and, ultimately, plant pollination. He travels the state working with beekeepers. Andy oversees the Apiary program which is a combination of regulatory certification, beekeeper education efforts, and promotion of the beekeeping industry. Additionally, with his family, he keeps about 200 bee hives in the Des Moines area. Andy is the lead instructor for a well-attended beekeeper class most years in Central Iowa for beginning beeks and serves on the Board of the Iowa Honey Producers Association.

