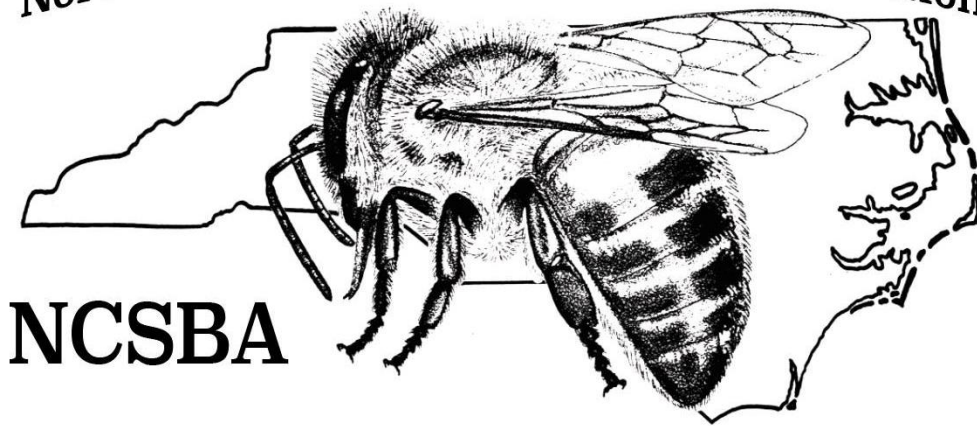


North Carolina State Beekeepers Association



North Carolina State Beekeeper's Association

March 3-5, 2022

Spring State Beekeepers Conference



Platinum Level Vendor for this event

NCSBA March 2022 Spring Conference New Bern, NC

Speaker Bios:



Gabriela has worked with honey bees for 7 years. Her research is focused primarily on honey bee nutrition, from flowering habitats to landscapes that support honey bees. She got her PhD from Michigan State University in Entomology and Ecology, and her BS from North Carolina State University in Biology. Currently, she works as a postdoctoral fellow in the Grozinger lab at Pennsylvania State University studying how colony nutritional requirements change over time, and how these needs are met by foragers. She is also interested in how climate change is and will affect beekeepers and the honey producing industry in the future.



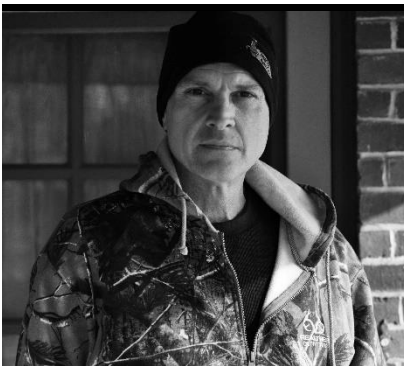
Robyn received her BSc in Entomology and Applied Ecology from the University of Delaware and her PhD in Entomology from the University of Manitoba. As a Penn State Extension Educator, she has been part of the creation of several extension articles and webinars, and is working on editing and updating Penn State's Beekeeping Basics book, Penn State's Beekeeping 101 online course as questions arise, and is planning many more activities, including intermediate and advanced beekeeping content and the creation of a web application to help beekeepers diagnose and respond to parasites, pests and pathogens in their hives. Her research program focuses on honey bee health and practical beekeeping considerations. Specifically, she is studying the impacts of honey bee colony management (COMB) and queen origin on colony health and productivity.



A second-generation beekeeper, Stephen Repasky is a nationally recognized speaker, author and consultant from Pittsburgh, PA. He is a certified Master Beekeeper through the Eastern Apicultural Society and is the Past-President of the Pennsylvania State Beekeepers Association, past president and co-founder of a local beekeeping club, Burgh Bees, and a past member of the Board of Directors for the American Beekeeping Federation. He is also an active member of the PA Queen Bee Improvement Project and is a member of the Penn State Center for Pollinator Research Advisory Board, the Pennsylvania State Apiary Advisory Board and a director for the Eastern Apicultural Society.



Brock Harpur is an Assistant Professor in the Entomology Department of Purdue. Brock arrived at Purdue after completing a National Science and Engineering Research Council Postdoctoral Fellow at the Donnlley Centre, the University of Toronto with Ben Blencowe. His work explores the evolution and genetics of honey bees. Brock completed his Ph.D. on population genomics of honey bees at York University with Amro Zayed as an Elia Research Scholar. He's been a beekeeper for 15 years.



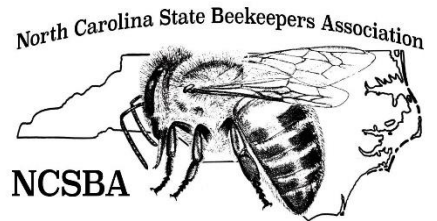
Mark Gingrich is a commercial sideliner beekeeper and the owner of Gingrich Apiaries, LLC in Dover, PA where he manages in excess of 250 colonies for pollination, honey production, and queen rearing. The operation produces an average of 300 mated queens annually sold across the US. He is the President of the Pennsylvania State Beekeepers Association and is a founding member and Co-Chair for the Pennsylvania Queen Bee Improvement Project. Mark is certified as an EAS Master Beekeeper, member of the Pennsylvania Department of Agriculture apiary advisory board, stake holder in the COMB and CARE projects, long- time participant in numerous USDA-funded SARE (Sustainable Agriculture Research &

Education) grants focused on bee genetics.



Heather Mattila is an Associate Professor of Biological Sciences at Wellesley College, a women's liberal arts college that is located just outside of Boston (USA). She completed her Ph.D. in 2005 at the University of Guelph (Canada), where her research focused on the effects of nutritional stress on colony health and productivity. She subsequently completed a four-year postdoctoral fellowship at Cornell University (USA), where her research shifted to an examination of the mating behavior by honey bee queens and its impact on the colonies that they produce. Heather has been a professor in the Department of Biological Sciences at Wellesley College since 2009. At Wellesley, her research continues to focus on mechanisms of social communication

and organization, including honey bee behavior, the chemical ecology of colonies, the microbiology of queens and workers, and impact of nutritional stress on workers. Recently, her research program has expanded to examine these topics in bumble bees, Asian honey bees, and hornets. Heather teaches undergraduate classes at Wellesley College on the subjects of organismal biology, animal behavior, and social insect biology. In addition to teaching at the College, she is honored to receive opportunities to speak with beekeepers and other people around the world who are interested in learning about how to support the health and welfare of bees. Heather's research program is supported by a dedicated group of Wellesley students, collaborations with colleagues from universities across North America, Europe, and Asia, and by the many colonies of bees that her lab maintains on the Wellesley College campus.



Thursday March 3rd

Registration in lobby open 9:30am-3:00pm

10am vendor area open 10am – 6pm vendor area open

12:00-12:45 Call to order President Doug Vinson (Welcome/opening remarks, invocation, & presentation of nation's colors) **Ball room B&C (Riverfront end of building)**

1:00 -1:50pm Workshops:

GAP: How to get your chapter involved **Ray Maxwell Tryon (upstairs)**

Controlling Varroa Without Chemicals **Erik Talley Ballroom B&C**

Dealing with laying worker colonies **Etienne Nadeau Ballroom A**

Managing Swarming & Splitting **Libby Mack Berne (upstairs)**

Regional Director training session **Burton Beasley conference room (upstairs)**

1:50-2:10 Break visit vendors & visit canteen for snacks/refreshments

2:10-3:00 Workshops:

Increasing Honey Production Using Queen Castles **George McAllister Ballroom B&C**

Importance of Varroa Monitoring & management **Don Hopkins Tryon (upstairs)**

Basic Queen Rearing Methodology **Michelle Mejia Ballroom A**

3:10-4:00 effects of pollen on worker performance and colony productivity **Ballroom B&C**

Heather Mattila - Associate Professor of Biological Sciences at Wellesley College

4:10-5:00 Honey production in America: Trends/drivers from three decades of data **Ballroom B&C**

Gabriela Quinlan – Honey bee research @ Grozinger Lab Penn State

5:10-5:25 Door Prizes

6:00pm vendor area closed

5:30-7:30 BOD Meeting **Berne Room (upstairs)**



Gold Level Vendors



Friday March 4th

Registration in Lobby open 8:am until 5:45pm

8:00am-6:00pm vendor area open



8:30-8:45 Welcome and Announcements 1st VP Rick Coor **Ballroom B&C**

8:45-9:35 Does Fall Feed type impact overwintering success & health of honey bees

Robyn Underwood – Extension Educator Penn State Extension **Ballroom B&C**

9:35-10:00 Break visit vendors & canteen

10:00-10:50 Could genetic engineering be the end of varroa **Ballroom B&C**

Brock Harpur – Assistant Professor Entomology Purdue University

11:10-12:00 Single Brood Chamber Management **Ballroom B&C**

Steve Repasky - 2nd generation beekeeper & nationally renowned speaker/author

12:00-1:30 Lunch own your own or visit the canteen

1:30-1:45 Door Prizes

1:45-2:35 A Side-liner's take on Queen Rearing **Ballroom B&C**

Mark Gingrich- Gingrich Apiaries & President Pennsylvania State Beekeeper Assoc.

2:50-3:40 Workshops

Swarm trap & Bait hives **Steve Repasky **Ball Room B&C****

Spotted lanternfly honeydew honey: a new varietal to watch out for in NC

Robyn Underwood **Ballroom A**

MBP Test Preparation **Robert Smith & Randall Austin **Tryon (upstairs)****

4:00-4:50 Interpreting colony hive scale data **Gabriela Quinlan **Ballroom B&C****

5:45pm Vendor Area Closes

Additional Gold Level Vendors

Books & More



Saturday March 5th

Registration in Lobby 8:00am – 10am

8:00am-3:30pm Vendor are open



Master Beekeeper testing 9am-1pm Please arrive 15mins early to sign-in *Berne(upstairs)*

8:30-8:45 Welcome & announcements 2nd VP Burton Beasley *Ballroom B&C*

8:45-9:35 Pennsylvania Queen Improvement Program: Mark Gingrich *Ballroom B&C*

9:45-10:35 Comparing the health and productivity of colonies kept using conventional, organic and chemical free management systems Robyn Underwood *Ballroom B&C*

10:35-10:55 Golden Achievement Program calendar year 2020-2021 awards *Ballroom B&C*

10:55-11:10 Break & final door prizes

11:10 – 12:00pm Honey Bee Genetics: Then, Now, and Soon Brock Harpur *Ballroom B&C*

12:00-1:30 Lunch on your own or visit canteen

1:30-1:40 closing remarks *Ballroom B&C*

1:40-2:30 Workshops:

How To Stop Buying Bees Libby Mack *Ballroom B&C*

Basic Queen Rearing Methodology Michelle Mejia *Berne (upstairs)*

Increasing Honey Production Using Queen Castles George McAllister *Ballroom A*

Dealing with laying worker colonies Etienne Nadeau *Tryon 1(upstairs)*

2:40-3:30 Swarm Essentials: What's Really Happening in Your Hive Steve Repasky *Ballroom B&C*

3:30 Vendor area & Conference Closes



North Carolina Department of
Agriculture & Consumer Services

