

VINCENT JAMES ALOYO, Ph.D.
Apiculture Educator and Master Beekeeper

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EDUCATION

Ph.D., Biochemistry, University of Tennessee at Memphis, TN

M.S., Biochemistry, University of Tennessee at Memphis, TN

B.S., Biology/Chemistry, Cornell University, Ithaca, NY_

CERTIFICATION

Master Beekeeper; Certified by the Eastern Apiculture Society

BEEKEEPING EDUCATION

Formal education

Beekeeping course (taught by Dr. Roger A. Morse) at Cornell University
Honeybee disease workshop at the University of Guelph
Queen Rearing Workshop at Pennsylvania State University (2011)
Successful Honey Bee Queen Rearing Short Course (taught by Dr. Marla Spivak at the University of Minnesota (2012)

Continuing education

Multi-County Beekeepers Meeting (2000)
Chester County Annual advanced courses
Eastern Apiculture Society Annual meetings
Southern Adirondacks Beekeepers Association (2010, 2011)
Southeastern PA Honey Bee Symposium (2009-2011)

BEEKEEPING EXPERIENCE

Over 40 years of beekeeping experience in varied environments
Bee Inspector for Shelby County, TN (2 years)
Kept bees in several states (New York, Tennessee, Kentucky, Maryland and Pennsylvania) and the Netherlands. Held a variety of positions including President, Vice-President and Program chairman in local clubs.
Bee Inspector for South Eastern Pennsylvania, 2010

TEACHING AND LECTURING

College level courses

Delaware Valley College (2011, 2012)

Honey bee biology and beekeeping (a 3 credit hour lecture and laboratory course in the Biology Department)

Temple University (2012)

Urban/suburban beekeeping: role in food security and sustainable agriculture (a 2 credit hour lecture course in the Department of Geography and Urban Studies)

Delaware Valley College (2010)

Guest lecture in Food Science Department (Composition and properties of honey)

Continuing education courses

- Temple University, Ambler Campus (2010 - 2012)
Introduction to beekeeping (a 16 contact hour continuing education course)
- Delaware Valley College (2010 - 2012)
Introduction to beekeeping (a 24 contact hour continuing education course)
- Delaware Valley College (2011)
Intermediate level beekeeping: Spring management (a 24 contact hour continuing education course)
- Delaware Valley College (2011)
Intermediate level beekeeping: Preparing colonies for winter (a 24 contact hour continuing education course)
- Bucks County Beekeepers Association (2012)
Introduction to queen rearing: Cloake board Method (2 day lecture and practical queen rearing course).
- Temple University Ambler (2012)
Raise your own queen honey bees: weekend intensive course (2 day lecture and practical queen rearing course).

To beekeepers

- Co-organizer of the *New Beekeepers Short Course* for the Memphis Area Beekeepers Association (1975 – 1978).
- Presented lectures on various beekeeping related topics to beekeeping clubs in New York, Tennessee, Kentucky, Maryland and Pennsylvania (1983-2004).
- Eastern Apiculture Society annual meeting, 2004
Chemically Speaking – How Do Pheromones Control Behavior in the hive
- Pennsylvania State Beekeepers Association annual meeting, 2004
How Pheromones Control Behavior in the Hive
- Montgomery County Beekeepers Association, 2006
Getting the Most Out of Your Package Bees
- Lehigh Valley Beekeepers Association, 2010
Pheromones: Chemical Regulation of Honey Bee Behavior
- Montgomery County Beekeepers Association, 2010
Spring management and swarm control
- Bucks County Beekeepers Association, 2011
Antibiotic properties of honey
- Philadelphia Beekeepers Guild, 2011
Spring management and swarm control
- Montgomery County Beekeepers Association, 2011
The adaptable honey bee
- Penn State/Lehigh Valley Beekeepers Association, 2011
Queen rearing: a brief overview
- Bucks County Beekeepers Association, 2011
Integrated pest management for beekeepers
- Southern Adirondack Beekeepers Association, 2012
How Pheromones Control Behavior in the Hive
- Montgomery County Beekeepers Association, 2012
Integrated pest management for beekeepers

To the general public and schools

Plymouth Meeting Friends School (1990-present)

Maintain observation hive in the science classroom for use in scientific discussions. Maintain two standard hives on school grounds. Presented lectures on honeybees.

Springside School (1996-present)

Yearly presentation of 2 one-hour lectures on the *Honey Bees and the Environment* to high school students as part of an Environmental Science course. Also, exhibit observation hive to various grades.

Drexel University College of Medicine (2005)

Presented *Pheromones: Chemical Regulation of Honey Bee Behavior*

Green Lane Nature Center (2008)

Presented a general lecture on Honey Bees

Norristown Farm Park (2009)

Presented a general lecture on Honey Bees

Daughters of the American Revolution (2009)

Presented *Current Status of Pennsylvanian Honey Bees*

Blue Bell Elementary School (2009)

Presented a general lecture on Honey Bees to the first grade class

Norristown Rotary Club (2010)

Presented *Current Status of Pennsylvanian Honey Bees*

Vacation Bible School at Resurrection Community Church (2010)

Presented *Current Status of Pennsylvanian Honey Bees*

Norristown Farm Park (2010)

Presented *Honey Bees: Critical Pollinators*

Chestnut Hill Garden Club (2011)

Presented *The Amazing Honey Bee*

Horsham Preservation and historical Association (2011)

Presented *The Amazing Honey Bee*

Foulkeways Retirement Community (2011)

Presented *Honey Bees and the Environment*

People's Light & Theatre (2012)

Invited Panel member "To Bee or Not to Bee" related to the play "Fallow"

Norristown Farm Park (2012)

Presented *Honey Bees: Critical Pollinators*

Normandy Farms Estates Retirement Community (2012)

Presented *Honey Bees and the Environment*

ACLAMO Family Center, Norristown, PA (2012)

Presented a general lecture on Honey Bees to the after school students

MEMBERSHIP IN PROFESSIONAL BEEKEEPING SOCIETIES

Eastern Apiculture Society (Life Member)

Pennsylvania State Beekeepers Association

Montgomery County Beekeepers Association

Bucks County Beekeepers Association

CURRENT PROFESSIONAL POSITIONS

Adjunct Professor, Department of Biology, Delaware Valley College, 700 East Butler Ave., Doylestown, PA 18901

Adjunct Professor, Department of Pharmacology and Physiology Drexel University College of Medicine, 245 N. 15th Street, Philadelphia, PA 19102

Adjunct Assistant Professor, Department of Geography and Urban Studies, Temple University, 1115 Polett Walk, 321 Gladfelter, Philadelphia, PA 19122

Apiary Manager, Delaware Valley College, 700 East Butler Ave., Doylestown, PA 18901