

## **JAMES E. TEW**

### **Professional Preparation**

B.S. 1970 Troy State University, Biology  
M.S. 1975 Auburn University, Entomology  
Ph.D. 1979 University of Maryland, Entomology (Apiculture)



### **Appointments**

1992–present: Associate Professor, Apiculture, Dept. of Entomology, OSU, OARDC, Wooster, OH.  
1995–present: State Specialist, Apiculture, Dept. of Entomology, AES, Auburn University, Auburn, AL.  
1986–present: State Specialist, Apiculture, Dept. of Entomology, OSU, OSUE, Wooster, OH.  
1987-1995: National Program Leader, Apiculture, USDA, Extension Service, Wooster, OH.  
1984-1992: Associate Professor & Program Coordinator, Beekeeping, OSU/ATI, Wooster, OH.  
1978-1984: Assistant Professor & Program Coordinator, Beekeeping, OSU/ATI, Wooster, OH.

### **Top Honors and Awards**

William F. Rushton Lecture Series, Harding University, Little Rock, AR, 1991  
E.F. Guyton Distinguished Lecture Series, Auburn University, Auburn, AL, 1991  
USDA, Unit Award for Superior Service, Washington DC, 1992  
Extension Service, USDA, Certificate of Merit, Washington, DC, 1992  
Eastern Apiculture Society of North America, Outstanding Teaching & Service to the  
Beekeeping Industry Award, Salisbury, MD, 2000

### **Program capsules**

**Research:** Pollination ecology of fruit, vegetables and field that employ honey bees and native bees as pollination agents. Long term focus on timing, location, and management of foraging populations inside and outside the target crop area.

**Teaching:** Presently, no formal teaching assignments.

**Extension/Outreach:** Diversified interaction with clients with bee interests (beekeepers) or bee problems (home owners) at the state and national level. Organize meetings and produce information in all common formats on multiple topics. Particular attention given to commercial growers and beekeepers.

### **Three Most Important Scholarly Accomplishments, Last Five Years**

- Publication of two beekeeping books.
- Continued development of a contractual project with Auburn University to provide extension bee services from OSU Entomology through the Department of Entomology/Plant Pathology, Auburn University.
- Conducting large training conferences (each year) at Wooster and Auburn that included live video web-based interaction with speakers outside of Ohio (Tennessee).

### **Five Selected Publications**

Tew, J.E., D. Ferree. 1999. The Influence of a Synthetic Foraging Attractant, Bee-Scent™, on the Number of Honey Bees Visiting Apple Blossoms and on Subsequent Fruit Production. In “Fruit Crops 1998: A Summary of Research” Research Circular 299, pp 14-23, Ohio Agricultural Research and Development Center, The Ohio State University, Wooster, Ohio.

Tew, J.E., R. L. Cooper. 2000. Production of Hybrid Soybean Seed Utilizing the

Linkage Between Male Sterility and Green Cotyledon. In American Society of Agronomy, Crop Science Society of America, Soil Science of America Annual Meetings Abstracts, November 5-9, 2000, p 93, Minneapolis, Minnesota.

Tew, James, E., "Beekeeping Principles: A Manual for Beginners, A Guide for Gardeners", Walter T. Kelley Co., Inc. Book, 2001.

Ucar, Tamar, Franklin R. Hall, James E. Tew, James K. Hacker. 2003. Wind tunnel studies on spray deposition on leaves of tree species used for windbreaks and exposure of honey bees. In "Pest Management Science", Vol 59, pp 358-364, Society of Chemical Industry.

Tew, James E., "Backyard Beekeeping." Alabama Cooperative Extension System, ANR-135, Book, 2004.

### **Five Selected Grants (\$1,179,500 total; 1978-2003)**

United States Department of State. Special Training Program for Burmese Nationals (24 students). \$250,000; 1980-1984.

USDA, National Extension Specialist in Apiculture. \$65,000 - \$95,000 per year (approximately \$649,322 total); 1987-1995.

AgSat Grant - "*Beekeeping - Exploring A Unique Industry*". Project Coordinator: Dr. Larry Whiting. This 15-week credit course was aired throughout North America during Autumn Quarter. \$31,884

Ag Telecommunications Grant. Project Coordinator: Dr. Larry Whiting. The second phase of the production and re-packing of the video material for specific audiences (i.e. science and vo-ag teachers) on basic beekeeping and other bee topics. \$37,994; 1993-1995.

Alabama Extension Service Contract. Contracted by Auburn University as the Extension Service Specialist in Apiculture. \$24,000 per fiscal year; \$84,000 to-date; 1995-2004.

### **Professional Service Highlights, Last 5 Years**

- *Tri-County Beekeepers Workshop*. Co-organizer of the largest one-day beekeeping workshop in the United States, 1994-2005.
- *Bee Culture Magazine*. Regular Contributor. Approximately 212 articles have been published.
- *USDA, ARS Liaison Committee*, Carl Hayden Bee Research Laboratory, Tucson, AZ, 1999-2004.
- *Eastern Apiculture Society 2005 Conference*, Program Chair.

### **Key Collaborations**

Interuniversity SARE project (University of Tennessee, Auburn University, Kentucky State University), to train educators in sustainable honey bee pest management.

Interdepartmental research project on pollination of hybrid soybeans (Richard Cooper, USDA) North Central Regional Project NCT-169 Apiculture, Technical Committee.

Departmental collaboration with LPCAT group testing microencapsulated compounds for bee pest efficacy.

Departmental Collaboration with J. Kovach, OSU, Dept. of Entomology, on using bees to deliver biological and chemical control to apples for fire blight and mite control.

### **Additional Synergistic Activities**

Community/Campus Involvement at: Wooster Kid's Day, "BiOhio", Wooster Ag Day, Wayne County Fair, and numerous school tours.