

## **Ge Zhang**

Ph.D. student of Entomology, Iowa State University, gezhang@iastate.edu

### **EDUCATION**

- 2015-present Ph.D. Iowa State University, Entomology
- 2011-2014 M. S. Shandong Agricultural University, Animal Nutrition and Feed Science
- 2007-2011 B.S. Shandong Agricultural University, Animal Science

### **PROFESSIONAL EXPERIENCE**

- 2015-present Ph.D. fellow, Department of Entomology, Iowa State University. Co-advised by Drs. Matt O'Neal and Amy Toth. I focus on how landscape affects honey bee forage resource and quality of the forage on bee's health.
- 2014-2015 Assistant Lecturer, Shandong Vocational College of Science and Technology, China. The main work was to teach Aquatic Animal Histology and Embryology
- 2011-2014 Graduate research assistant, Department of Animal Nutrition, Shandong Agricultural University, China. The focus was to study the honey bee mineral nutrition requirement.

### **AWARDS**

- 2013 National Scholarship for Postgraduate/Graduate Students, awarded by Education Ministry of Chinese Government, Shandong Agricultural University.

### **PUBLICATIONS**

- Ge Zhang** and Baohua Xu. Effects of dietary calcium levels on development, haemolymph and antioxidant status of honeybee (*Apis mellifera*) larva reared in vitro. *Journal of Apicultural Research* 54.1 (2015): 48-54.
- Ge Zhang**, Weixing Zhang, Xuepei Cui, Baohua Xu. Zinc nutrition increases the antioxidant defenses of honey bees. *Entomologia Experimentalis et Applicata* 156.3 (2015): 201-210.

### **PRESENTATIONS**

- Does landscape complexity affect forage resources and health of honey bees? **Ge Zhang**, Matthew O'Neal, Amy Toth, Ashley St. Clair, Adam Dolezal, Edward Hseih, at ICE 2016 meeting, Sept. 24-30, Orlando, FL.
- Impact of soy bean on wild and managed bee health within a landscape context. Ashley St. Clair, **Ge**

**Zhang**, Shelby Pritchard, Matt O’Neal, Amy Toth and Adam Dolezal, at ESA 2015 meeting, Nov. 15-18, Minneapolis, MN.

Honey bee larvae in vitro breeding technique, and the effects of dietary calcium on honey bee larvae, **Ge Zhang** and Baohua Xu, at the fourth meeting of bee keeping and function studying of bee-keeping machines and tools of bee industry technology system; The seventeenth meeting of bee keeping and management committee of Apicultural Science Association of China Dec. 2012, Haikou, China.

#### **PROFESSIONAL MEMBERSHP**

2015-2017 Entomological Society of America

2016-2017 International Union for the Study of Social Insects