

# DEPARTMENT OF ENTOMOLOGY

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**Head:** P. Kaufman

**Graduate Advisor:** C. Coates

The Department of Entomology offers both Doctor of Philosophy and thesis-option Master of Science degrees in entomology. Within these programs, subject matter areas include arthropod ecology, biological control, integrated pest management, molecular biology, physiology, genetics and toxicology, plant resistance, systematics, and urban, medical/veterinary, and forensic entomology. Students come into the field of entomology with diverse interests, science backgrounds and career goals. Students are able to tailor their education and research interests for the respective degree program with the help of their major advisor and advisory committees. Graduates from these programs have become prominent leaders in entomological research, application, education, and regulatory affairs of private sector and government arenas, as well as international agencies and foreign countries.

The department occupies five floors of the Minnie Belle Heep Building and nearby buildings that house the Entomology Research Laboratory, the Biological Control Laboratory, Tick Research Laboratory, Forensic Entomology Laboratories, Rollins Urban and Structural Entomology Facility, and Janice and John G. Thomas Honey Bee Facility. Texas A&M is only one of a select group of U.S. locations for a federally approved quarantine laboratory. The department also maintains three multi-room greenhouses. The Texas A&M University Insect Collection is housed in the Minnie Belle Heep Building. It is the largest and most actively growing arthropod collection in the Southwest, containing approximately three million specimens representing more than 45,000 identified species. Graduate students often work with faculty located at 8 research and extension centers across Texas, each addressing entomological issues unique to their particular geographic region.

Specific course requirements in entomology are dependent upon previous training and professional experience. Students are expected to demonstrate mastery in the core knowledge areas of 1) insect biodiversity, systematics, and insect evolution; 2) insect ecology; 3) insect physiology, toxicology and insect genetics; 4) applied entomology on their graduate degree plans to be designed in consultation with their major advisor and advisory committee. Prospective students are directed to the Department of Entomology website for additional information.

## Faculty

Adelman, Zach N, Professor  
Entomology  
PHD, Colorado State University Fort Collins, 2000

Behmer, Spencer T, Professor  
Entomology  
PHD, University of Arizona, 1998

Bernal, Julio S, Professor  
Entomology  
PHD, University of California at Riverside, 1995

Brundage, Adrienne L, Instructional Associate Professor  
Entomology  
PHD, Texas A&M University, 2012

Coates, Craig J, Instructional Professor  
Entomology  
PHD, Australian National University, 1997

Coulson, Robert N, Professor  
Entomology  
PHD, University of Georgia, 1969

Fadamiro, Henry, Professor  
Entomology  
PHD, Green College, University of Oxford, 1995

Gillett-Kaufman, Jennifer Lynn, Instructional Associate Professor  
Entomology  
PHD, University of Florida Gainesville, 2003

Hamer, Gabriel L, Professor  
Entomology  
PHD, Michigan State University, 2008

Helms, Anjel Marie, Associate Professor  
Entomology  
PHD, The Pennsylvania State University, 2015

Kaufman, Phillip Edward, Professor  
Entomology  
PHD, University of Wyoming, 1997

Magalhaes, Tereza, Assistant Professor  
Entomology  
PHD, University of Miami, 2005

Medina, Raul F, Professor  
Entomology  
PHD, University of Maryland, College Park, 2005

Motta, Erick, Assistant Professor  
Entomology  
PHD, University of Texas, 2019

Myles, Kevin M, Professor  
Entomology  
PHD, Colorado State University, 2003

Oswald, John D, Professor  
Entomology  
PHD, Cornell University, 1991

Penzes, Judit, Assistant Professor  
Entomology  
DVM, University of Veterinary Medicine Budapest, 2015  
BVSc, University of Veterinary Medicine, 2009

Pietrantonio, Patricia, Professor  
Entomology  
PHD, University of California at Riverside, 1995

Rangel Posada, Juliana, Professor  
Entomology  
PHD, Cornell University, 2010

Song, Hojun, Professor  
Entomology  
PHD, The Ohio State University, 2006

Sword, Gregory A, Professor  
Entomology  
PHD, The University of Texas at Austin, 1998

Tamborindeguy Camacho, Cecilia, Professor  
Entomology  
PHD, Institut National Polytechnique de Toulouse, 2004

Tarone, Aaron M, Professor  
Entomology  
PHD, Michigan State University, 2007

Teel, Pete D, Research Professor  
Entomology  
PHD, Oklahoma State University, 1978

Tomberlin, Jeffery K, Professor  
Entomology  
PHD, University of Georgia, 2001

Wilson, Lloyd T, Professor  
Entomology  
PHD, University of California, Davis, 1977

Zhu Salzman, Keyan, Professor  
Entomology  
PHD, Purdue University, 1994

## Masters

- Master of Science in Entomology (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/entomology/ms/>)

## Doctoral

- Doctor of Philosophy in Entomology (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/entomology/phd/>)

## Certificates

- Vector Biology and Vector-Borne Disease Response in Human and Animal Systems Certificate