

DEPARTMENT OF ENTOMOLOGY

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, Zachary 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 Assistant 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

Eubanks, Micky D, Professor
Entomology
PHD, University of Maryland, College Park, 1997

Faris, Ashleigh, Instructional Assistant Professor
Entomology
PHD, Texas A&M University, 2017

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

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

Heinz, Kevin M, Senior Professor
Entomology
PHD, University of California at Riverside, 1989

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

Johnston, J S, Professor
Entomology
PHD, University of Arizona, 1972

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

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

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

Oliva Chavez, Adela, Assistant Professor
Entomology
PHD, University of Minnesota, 2014

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

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

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

Slotman, Michel A, Professor
Entomology
PHD, Yale University, 2003

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

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

Tamborindéguy, Cecilia, Professor
Entomology
PHD, Institut National Polytechnique de Toulouse, 2004

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

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

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

Vargo, Edward L, Professor
Entomology
PHD, University of Georgia, Athens, 1986

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

Masters

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

Doctoral

- Doctor of Philosophy in Entomology (<http://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