

Kimberly A. Franklin

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EDUCATION

Ph.D. Insect Science, University of Arizona,	2003-2009
B.A. Biology, New College of Florida,	1996-2001

FELLOWSHIPS, GRANTS, AWARDS

Fellowships

Fulbright Student Scholar	2005-2006
McGinnies Arid Lands Scholarship, UA	2006
Ariel Appleton Fellowship	2006

Grants

Tinker Grant, Department of Latin American Studies, UA	2005
Sigma Xi Grant-in-Aid of Research	2005
Galileo Scholar, UA	2007

Awards

Center for Insect Science Graduate Research Award, UA	2007
Herbert Carter Travel Award, UA	2008
Carruth Award, UA	2008

RESEARCH EXPERIENCE

Dissertation, Insect Science, University of Arizona (2003-2009)

“The consequences of buffelgrass (*Pennisetum ciliare*) development for biodiversity in the southern Sonoran Desert”

Advisor: Dr. Therese Markow, Amylin Chair in Life Sciences, UCA, San Diego

Graduate Research Assistant (2007-2008)

University of Arizona Libraries

- Developed on-line education resources about Sonoran Desert biodiversity.
- Collected and analyzed quantitative and qualitative data for a collaborative project to develop an institutional repository to share Sonoran Desert digital information resources.

Supervisor: Kimberly Chapman, Science Librarian, UA

Fulbright Student Scholar (2005-2006)

Instituto de Ecologia, Universidad Nacional Autonoma de Mexico, Sonora, Mexico

Advisor: Dr. Francisco Molina, Professor Plant Ecology, Universidad Nacional Autonoma de Mexico, Instituto de Ecologia, Hermosillo, Sonora, Mexico.

Graduate Research Assistant (2003–2005)

Sonoran Insect Biodiversity Project, UA

- Developed sampling protocols for quantitative field observations of insect diversity.
- Conducted taxonomic research for a variety of insect taxa.
- Analyzed abundance and diversity data.
- Co-taught undergraduate insect diversity course.

Advisor: Dr. Therese Markow, Amylin Chair in Life Sciences, UCA, San Diego

Rangeland Management Intern (2001)

Bureau of Land Management, Taos, NM

- Conducted assessments of rangeland health.
- Mapped BLM lands for invasive plant species.

Supervisor: Sam DesGeorges, Field Manager, BLM Regional Office, Taos, NM

Thesis, Biology, New College of Florida (2001)

“Minilivestock: A study in insect rearing and the determination of the protein contents of two insects, *Manduca sexta* (L.) and *Spodoptera frugiperda* (J.E. Smith).”

Research Experience for Undergraduates, National Science Foundation (1999)

Institute for Tropical Ecosystem Studies, Puerto Rico

Advisor: Dr. Xiaoming Zou

Research Experience for Undergraduates, National Science Foundation (1998)

American Museum of Natural History, NY

Advisor: Dr. Jerome Rozen

Research Assistant Allyn Museum of Entomology (1997-1998)

Supervisor: Dr. Jackie Miller, Curator Allyn Museum of Entomology, FL

TEACHING EXPERIENCE

Teaching Assistant (2007)

Dept. of Soil, Water, and Environmental Science, UA,

- Led weekly student laboratory sessions.

Supervisor: Dr. Allan Matthias, Associate Professor, University of Arizona

Teaching Assistant (2003–2005)

Sonoran Insect Biodiversity Project, UA

- Co-taught insect diversity field course to Mexican and American undergraduates.

Advisor: Dr. Therese Markow, University of California, San Diego

PUBLICATIONS

Franklin, K., K. Lyons, P. Nagler, D. Lampkin, F. Molina, E. Glenn, T. Markow, and A. Huete. 2006. Buffelgrass (*Pennisetum ciliare*) Land Conversion and Productivity in the Plains of Sonora, Mexico. *Biological Conservation* 127: 62-71.

Franklin, K., E. Glenn, K. Lyons, P. Nagler, F. Molina-Freaner, and T. Markow. 2009. Rates of buffelgrass (*Pennisetum ciliare*) land conversion in the Plains of Sonora, Mexico. In: Invasive Plants on the Move. Controlling them in North America. T. Van Devender, J. Espinosa-García, B. Harper-Lore, and T. Hubbard (eds.). University of Arizona Press.

Franklin, K. and F. Molina-Freaner. *In review*. The consequences of buffelgrass (*Pennisetum ciliare*) pasture development for productivity and plant diversity in the drylands of Sonora, Mexico. *Conservation Biology*.

PROFESSIONAL AFFILIATIONS

Sigma Xi, The Scientific Research Society
Sigma Delta Epsilon, Graduate Women in Science
Ecological Society of America

COMMUNITY SERVICE

Volunteer - Tree of Life Learning Project Education outreach to local public schools, Tucson, AZ	2006
Volunteer - The Nature Conservancy, Tucson, AZ	2007