

CYNTHIA MORGAN

829 De Leon Dr.
El Paso, TX 79912

(915) 833-2472 / 747-5443
cemorgan@utep.edu

OBJECTIVE

To obtain a position as a field biologist (To obtain a teaching position in an institution of higher education) (...)

EDUCATION

UTEP 1995-2001 B.S.

UTEP 2001 to present Ph. D.

Anticipated graduation: May 2007

Significant courses: Undergraduate:

- Population Biology: interactions of biota in different geographic zones
- Entomology: study of insects, physiology and ecological significance
- Ecology: study of interactions between organisms with abiotic factors within an ecosystem

Significant courses: Graduate

- Desert Ecology: the study of desert processes
- Advances in Ecology Theory: focus on the ecology of ants
- Environmental Toxicology: mechanisms of how toxicants enter ecosystems and the physiological mode of action with target or susceptible organisms
- Biogeography: geological history of the earth and dispersal of organisms due to geological events
- Community Ecology: the study of community structure and population dynamics within an ecosystem
- Environmental Biology: the study of environmental processes and their influence on organismal presence

PUBLICATIONS

Morgan, Cynthia, W. Mackay, J. Pacheco. 2003. A New *Gnamptogenys* of the *striatula* Group from Bolivia, (Hymenoptera: Formicidae). *Sociobiology*. Vol. 42, No. 3, pp 553-558.

Pacheco, Jose, W. Mackay, C. Morgan. 2004. A New Species of *Gnamptogenys* Roger of the *sulcata* Group (Hymenoptera: Formicidae). *Proceeding of the Entomological Society of Washington*. Vol 106, No. 2, pp434-437

Watts, Susan H., B. Washburn, R. Klapthor, M. Pitcher, C. Batkin, C. Freemman. 2003. General Biology Laboratory Manual, 4th Edition.

PRESENTATIONS

- CDRI 2004; Oral presentation: Biogeography of the genus *Crematogaster* (Hymenoptera: Formicidae) By Cynthia Morgan, Carly Gonzalez-Graf, and William Mackay
- SACNAS 2004; Poster: Biogeography of the genus *Crematogaster* (Hymenoptera: Formicidae) By Cynthia Morgan, Carly Gonzalez-Graf, and William Mackay
- SWAN 2005; Poster: Biogeography of the genus *Crematogaster* (Hymenoptera: Formicidae) in the Southwestern United States. By Cynthia Morgan, Carly Gonzalez-Graf, and William Mackay
- SACNAS 2005; Poster: Genetic variation within and between colonies of *Crematogaster depilis* and *C. larreae* Cynthia Morgan, Carly Gonzalez-Graf, Elizabeth Walsh and William Mackay
- CAST; Ecology Instructor for CAST workshop
- Conducted ecology workshops for elementary, middle and high school students and their teachers numerous times.

EXPERIENCE

Aug 2001 – Present:

1974 -1976

- Veterinary Technician, Falls Church Animal Clinic, Falls Church, VA

April 1999 – April 2000

- Research Assistant, Dr. Elizabeth Walsh, UTEP 1974 – 1976

April 2000 – Aug 2001

- Research Assistant, Dr. Richard Worthington, UTEP April 1999—April 2000

August 2001 - Present

- Teaching Assistant – General Biology for non-majors
- Assistant Instructor – General Biology for majors
 - Assisted in reorganizing the curriculum and lab manual

- Instruction and mentoring of many undergraduate students: Jessica Arellano, Israel Del Toro, David Galindo, Carly Gonzalez-Graf, Rosalinda Ledesma, Paul Lenhart, Tiffany Sefjie, Paloma Vargas,
- Participated in Ant Course 2002
- Studied at the Museum of Comparative Zoology, July 2002
- Research Assistant, Dr. Sandra Perez, UTEP
- Assistant Instructor—Ecology
- Assistant Instructor—Entomology
- Assistant Instructor—Human Biology for non-majors

COMMUNITY SERVICE

Cub Scouts / Boy Scouts, Girl Scouts, PTA – Math Club, Science Fair, organized Chess Club, Therapeutic Horsemanship

AFFILIATIONS

SIGMA XI; SACNAS; ECO Club and Environmental Science Advocates student organizations, University of Texas at El Paso, promoting awareness of critical environmental issues; El Paso Zoological Society; El Paso Music Forum; El Paso Insights Museum; Boy Scouts of America; Girl Scouts of America;

HONORS

ALPHA CHI and Golden Key Honor Societies
Numerous Boy Scout and Girl Scout leader recognitions

REFERENCES

Dr. William Mackay
Dr. Carl Lieb
Dr. Elizabeth Walsh
Dr. Richard Worthington