

GISELLE MORA-BOURGEOIS

Curriculum Vitae

Gulf Coast Cooperative Ecosystems Studies Unit
Research Coordinator
National Park Service

Adjunct Professor
Dept. Recreation, Park, and Tourism Sciences

Texas A&M University
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EDUCATION

- **Doctor of Philosophy.** 1991. University of Florida, Gainesville, FL
Dept. of Zoology. Dissertation title: "Site-based mating system in a tropical harvestman". Adviser:
H. Jane Brochmann
- **Master of Science (Zoology).** 1987. University of Florida, Gainesville, FL
Dept. of Zoology. Thesis title: "Mating system and nesting behavior of a tropical harvestman with
paternal care". Adviser: H. Jane Brockman
- **Bachiller en Biología (Bachelor of Science in Biology).** 1982. Universidad de Costa Rica, San José,
Costa Rica.

ACADEMIC APPOINTMENTS

2014-Present Adjunct Professor
 Dept. Recreation, Park, and Tourism Sciences
 College of Agriculture and Life Sciences, Texas A&M University

2000-2004 Adjunct Professor
 Biology Department
 Northern Virginia Community College
 Loudon Campus, Sterling, Virginia

1992-1999 Associate Professor
 Escuela de Biología (Dept. of Biology)
 Universidad de Costa Rica
 San José, Costa Rica

PROFESSIONAL-ACADEMIC APPOINTMENTS

- 1992-1999 Curator, Arachnida Collection
Museo de Zoología
Dept. of Biology
Universidad de Costa Rica
- 1994-1998 Coordinator Graduate Program (Licenciatura) in Environmental Interpretation and
Environmental Education
Dept. of Biology
Universidad de Costa Rica
- 1996 Acting Director of Master's Program
Department of Biology
Universidad de Costa Rica
- 1993 Coordinator of General Biology Courses
Dept. of Biology
Universidad de Costa Rica

PROFESSIONAL APPOINTMENTS

- 2014- Gulf Coast Cooperative Ecosystem Studies Unit Coordinator & Senior Science Advisor
National Park Service, Southeast Region
Stationed at Texas A&M University
- 2013 Special Assistant to the Superintendent
Wolf Trap National Park for the Performing Arts
Vienna VA
- 2004-2014 Science Education Coordinator
National Park Service
Center for Urban Ecology, National Capital Region
Washington, D.C.

RESEARCH

My early research focus was on tropical ecology and animal behavior behavior. I studied the evolution and ecology of mating systems of harvestmen (Opilionids) that exhibit paternal care at the Barro Colorado Island, Panama. While working at the University of Costa Rica, I was member of multidisciplinary scientific teams that explored diverse ecological, conservation, social science, and natural resource management questions. Working for the National Park Service, I have more than ten years of experience helping resource managers establish research projects and programs aimed at enhancing natural resource management at the park and landscape level.

TEACHING

Undergraduate courses: General Biology (lecture and laboratory) , Invertebrate Zoology (guest lecturer and laboratory sessions), General Ecology, Biology of Arachnida, Animal Behavior, Interpretation, Natural Resource Management

Graduate courses and seminars: Ethology, Special Topics in Animal Behavior, Interpretation Practicum, Natural Resources Management Practicum

Field Courses: Co-Coordinator and Main Professor, Tropical Biology Course 90-1 (with Dr. Bette Loiselle , Organization for Tropical Studies

Students advised as major professor

Araya, Mariamalia. M. Sc. 1998. Universidad de Costa Rica. Thesis title: “Rates of predation on birds under different treatments: virgin forests, patches surrounded by banana plantations, and riparian patches of forest.

Fernandez Rojas, Maria del Rocio. 1998. Licenciatura en Interpretacion Ambiental. Thesis title: “Self-guided interpretation for the Danish Trail, Reserva Absoluta Cabo Blanco, Cobano, Puntarenas, Costa Rica

Cubero Pardo, Priscilla. M. Sc. 1997. Universidad de Costa Rica. Thesis title: “Distribution and behavioral patterns of the bottlenose (*Tursiops truncatus*) and pan-tropical (*Stenella attenuata*) spotted dolphins of Golfo Dulce, Costa Rica.

Graduate committees served

Robin Brake. 2007- George Mason University. Thesis not completed. US Navy deployed her when she was at the data collection stage. Project title: “Exploring the effects of off-site land uses on water quality in the Potomac Gorge, Washington, D.C.”

PEER-REVIEWED PUBLICATIONS

Mitchell, J.M., C. Anastasia, B. Bobowski, and G. Mora-Bourgeois. 2013. “Dissecting Credibility: Components of Credibility for Science/Resource Management Professionals”. *The George Wright Forum* 30 (3): 295-301

Carter, S.L., Mora-Bourgeois, G., Lookingbill, T.R., Carruthers, T.J. and Dennison, W.C. 2007. “The challenge of communicating monitoring results to effect change”. *Integrating Science and Management. The George Wright Forum* 24(2): 48-58

Mora-Bourgeois, G. 2006. (Editor). “Values and Challenges in Urban Ecology”. National Park Service D-67. 57 p. Printed by Urban Ecology Research Learning Alliance.

Mora, G. 1990. Paternal care in a neotropical harvestman, *Zygopachylus albomarginis* (Arachnida, Opiliones: Gonyleptidae) *Animal Behavior* 39:582-593).

LANGUAGES

Native proficiency in Spanish (reading, speaking, and writing)