

DIANA L. ANDRES

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Education

DEVRY INSTITUTE OF TECHNOLOGY – POMONA, CA B.S., Magna Cum Laude, Electronics Engineering Technology	1991–1994
CALIFORNIA STATE UNIVERSITY, NORTHRIDGE B.S. Biology – Option: Environmental Biology	2001–2003
CALIFORNIA STATE UNIVERSITY, NORTHRIDGE M.S., With Distinction, Biology Thesis: Consequences of Diet Switching for Digestive Function and the Gut Endosymbiont Community for an Herbivorous Lizard (Advisor: Robert E. Espinoza)	2001–2005
UNIVERSITY OF NEW MEXICO, ALBUQUERQUE PhD Biology Advisors: Astrid Kodric-Brown and Paul J. Watson	2006-present

Awards and Honors

HENRI SEIBERT AWARD, BEST STUDENT PAPER – PHYSIOLOGY/MORPHOLOGY, \$200 Society for the Study of Amphibians and Reptiles	2005
OUTSTANDING GRADUATE STUDENT AWARD, \$1000 Association of Retired Faculty, CSU, Northridge	2005
SALLIE CASANOVA PRE-DOCTORAL PROGRAM, \$2000 California State University, Northridge	2003
GRADUATE EQUITY FELLOWSHIP, \$4000 California State University, Northridge	2002–2003
GRADUATE EQUITY FELLOWSHIP, \$3000 California State University, Northridge	2002–2003
EBELL SCHOLARSHIP, \$2000 The Ebell of Los Angeles	1992
DEAN'S LIST DeVry Institute of Technology – Pomona, CA	1991–1994

Professional Experience (continued on next page)

TEACHING EXPERIENCE

University of New Mexico <i>Graduate Teaching Assistant</i> Biology for Health Related Sciences and Non-Majors Laboratory	2006-present
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Professional Experience (continued)

Moorpark College <i>Part-time Faculty</i> General Biology I (for Biology majors)	2005–2006
California State University, Northridge <i>Graduate Teaching Associate</i> Functional Human Anatomy laboratory and Introductory Biology laboratories for majors and non-majors	2001–2005
<i>Graduate Assistant</i> Assist with instruction in the classroom, laboratory, and field; laboratory preparation (Introductory Biology, Herpetology, Entomology, Tropical Ecology and Conservation, Field Ecology)	2001–2005
<i>Undergraduate Advisor</i> Provide guidance on course selection, requirements for graduation and academic policies and procedures	2003–2004

RESEARCH EXPERIENCE

California State University, Northridge ~ University of Illinois, Urbana-Champaign <i>Summer Research Intern</i> Conducted molecular analyses of the gut endosymbiont community in the iguanid lizard <i>Dipsosaurus dorsalis</i> .	2004
U. S. Geological Survey <i>Volunteer Field Assistant</i> Assisted in a field survey of the endangered California Red-legged frog	2003
National Park Service - Santa Monica Mountains, CA <i>Volunteer Field Assistant</i> Assisted in checking pitfall traps for an investigation on the effects of habitat fragmentation on terrestrial vertebrate diversity	2002
Carrizo Plain National Monument, CA <i>Field Assistant</i> Assisted in a field-based investigation of the effects of grazing on native and invasive plant species in a California grassland	2000–2001

Professional Affiliations

American Society of Ichthyologists and Herpetologists
Society of Integrative and Comparative Biology
Chicago Herpetological Society
Society for the Study of Amphibians and Reptiles

Relevant Coursework (continued on next page)

Herpetology
Conservation and Restoration
Recombinant DNA
Evolution

Relevant Coursework (continued)

Semester in Costa Rica (Tropical Ecology, Tropical Vertebrates, Tropical Botany)
 Entomology
 Biometry
 Behavioral Ecology

Research Interests

GENERAL

Behavioral Ecology, Evolution, Ecology, Conservation Biology

CURRENT RESEARCH

PhD dissertation on the evolution of reproductive strategies in the sierra dome spider
 (*Linyphia litigiosa*)

PAST RESEARCH

Masters thesis on digestive physiology to provide insight into the evolution of
 herbivory in lizards (study species: *Dipsosaurus dorsalis*)

Research Funding

Association of Retired Faculty Award (\$1000)	2005
<i>Association of Retired Faculty, California State University, Northridge</i>	
"Does the Cost of Diet Switching Lead to the Evolution of Strict Herbivory in Lizards?"	
Student Projects Committee Grant (\$1270)	
<i>California State University, Northridge</i>	
	2004
"Testing the Cost of Diet Switching as a Mechanism for the Evolution of Herbivory"	
Student Research Grant (\$1150)	
<i>Southern California Academy of Sciences</i>	
	2003
"Testing Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"	
Gaige Award (\$500)	
<i>American Society of Ichthyologists and Herpetologists</i>	
	2003
"Testing Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"	
Graduate Thesis Project or Performance Support Grant (\$1000)	
<i>California State University, Northridge</i>	
	2002
"Testing Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"	
Grants-in-Aid of Research (\$500)	
<i>Sigma Xi</i>	
	2002
"Testing Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"	

Professional Presentations (continued on next page)

ORAL PRESENTATIONS

Student Research Symposium	
<i>California State University, Northridge</i>	
	2002
"Testing the Cost of Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"	

Professional Presentations (continued)

- Society for Integrative and Comparative Biology
San Diego, California 2005
"Can the Cost of Switching Explain the Evolution of Herbivory in Reptiles?"
- Physiological Ecology Meeting
Bishop, California 2005
"The grass *is* greener: costs of diet switching may inhibit insect eating by herbivorous lizards"
- Joint Meeting of Ichthyologists and Herpetologists 2005
Tampa, Florida
"The grass *is* greener: costs of diet switching may inhibit insect eating by herbivorous lizards*"

*Henri Seibert Award – Best Student Paper – Physiology/Morphology

POSTER PRESENTATIONS

- Student Research Symposium
California State University, Northridge 2003
"Testing Diet Switching as a Mechanism for the Evolution of Herbivory in Lizards"
- Southern California Academy of Sciences
"Testing the Cost of Diet Switching as the Mechanism for the Evolution of Strict Herbivory in Lizards" 2004

INVITED PRESENTATIONS

- Guest Lecture: Herpetology
California State University, Northridge 2002
"Community Ecology"
- Visiting Researcher Seminar
University of Illinois, Urbana-Champaign 2004
"Testing Diet Switching as a Mechanism for the Evolution of Strict Herbivory in Lizards"