

Jorge Ramos

University of Washington
Box 352100
Seattle, WA 98195

jramos21@u.washington.edu
www.ecojorgeramos.com

EDUCATION

- 2007-2009 University of Washington, College of the Environment, School of Forest Resources.**
Master of Science. Expected graduation date: 06/2010
Thesis title: "Exploring current habitat associations and projecting future amphibian distributions in the Puget Sound region."
Committee Chair: Dr. Josh Lawler
- 2002-2006 University of Texas at El Paso, College of Science**
Bachelor of Science in Environmental Sciences – Biology Concentration
Cum Laude
Advisor: Dr. Craig Tweedie

RESEARCH EXPERIENCE

- 2007 EcoInformatics Summer Institute, Oregon State University** Blue River, OR
HJ Andrews - Long Term Ecological Research (LTER) station.
Summer Research Experience
Using informatics, I gathered and managed large amounts of data to research the composition of arthropod food webs in grassland ecosystems across different elevation gradients of the US.
- 2006 Shoals Marine Laboratory, Cornell University** Isles of Shoals, ME
Strategies for Ecology Education, Development and Sustainability (SEEDS) Research Fellow
Researched the ecology, behavior, and the environmental responses of two pinniped populations. In addition, I assisted researchers in night diving research activities.
- 2005 Swedish Beringia 2005 Expedition** Barrow, AK
Research Assistant
Guided international researchers and assisted them in their arctic field projects.
- Environmental Careers Organization -Fish and Wildlife Service** Alaska
National Abnormal Amphibian Project in Alaska
Field BioTechnician - Examined metamorphic wood frogs for physical abnormalities and record data with Palm PDAs. Acquired experience in presence/absence population models.
- 2004 Pathways PREP/National Oceanic & Atmospheric Administration** El Paso, TX
Research for Undergraduate in Earth Sciences
Research Assistant
Researched the biogeochemical composition in rainwater from El Paso, TX.
- University of Texas - Environmental Science Institute** Austin, TX
Research Experience for Undergraduates (REU)
Researched the diversity of soil invertebrates between different types of human disturbance and vegetation.

RESEARCH FELLOWSHIPS AND SCHOLARSHIPS

- 2010-2012** National Science Foundation (NSF) – Graduate Research Fellowship Recipient
\$150,000
- 2007-2008** Graduate Opportunities Program – Research Assistantship
Graduate School, University of Washington
\$13,000

- 2005-2006** SEEDS Research Fellowship for Undergraduates
Ecological Society of America
\$12,000. One of 5 recipients.
- 2005** Golden Key Spring Undergraduate Research Grant Scholarship
\$500. One of 5 recipients.

WORK EXPERIENCE

- 2007** Ecological Society of America, Education and Diversity Initiatives Washington, DC
SEEDS Student Coordinator
- 2006-2007** University of Texas at El Paso - Physics –Education Research Project El Paso, TX
Assisted in data collection, categorizing, and entry.
- 2005-2006** Systems Ecology Laboratory – UTEP El Paso, TX
Processed and classified biomass samples.
Acquired basic knowledge of GIS (ArcMap) software.
- 2002-2004** College of Science, Dean’s Office, UTEP El Paso, TX
Student Assistant

TRAVEL AWARDS

- 2008** SEEDS Leadership Meeting. Duke University. Hosted by Dr. Norm Christensen *
SEEDS Alumni Mentor Travel Award, ESA. Milwaukee, WI *
SACNAS-IPY Travel Scholarship, Salt Lake City, UT *
- 2007** AGU- MSPHD Travel Scholarship, San Francisco, CA (declined)
- 2006** SEEDS Student Travel Award, Memphis, TN *
SACNAS Travel Scholarship, Tampa Bay, FL *
- 2005** SEEDS Leadership Meeting, Arizona State University. Hosted by Dr. Nancy Grimm *
SEEDS Student Travel Award, ESA-INTECOL. Montreal, Canada *
SACNAS Travel Scholarship. Denver, CO *
- 2004** SEEDS Student Travel Award, ESA. Portland, OR
SACNAS Travel Scholarship. Austin, TX. *
National Hispanic Environmental Council

* Denotes poster presentation, oral presentations, organized special sessions, organized field trips, and chaired scientific symposiums.

PRESENTATIONS

- 2008** ESA sowing SEEDS of Sustainability in Chiapas, México. “Forest and agroforest landscape transformation in southern Mexico: consequences for biodiversity, conservation, and rural livelihoods” Melendez-Ackerman, E. J., Ramos, J., Armstrong, M., Guzman, D., Sloan, S.A. - ESA
- 2006** Population sizes, site usage, and behavior of harbor and gray seals in the Isles of Shoals, Gulf of Maine. Ramos, J., Shulman, M., Early, G. - ESA and SACNAS
- 2005** Diversity of soil invertebrates: Comparison between different types of human disturbance and vegetation. Ramos, J. – ESA
Science without borders. Ramos, J. and Montes, M. – UTEP SACNAS Chapter . SACNAS
- 2004** Diversity of soil invertebrates: Comparison between different types of human disturbance and vegetation. Ramos, J. – SACNAS

CHAired AND ORGANIZED SESSIONS

- 2008** Intergovernmental Panel Climate Change: An Interdisciplinary Effort.
Chair. SACNAS National Conference. Salt Lake City, UT.
- Student Diversity: Trail Blazers in Transforming the Culture of Ecology
Co-organizer. ESA Milwaukee, WI
- 2007** Special Session. Bridging the gap: Establishing educational outreach activities at ESA Annual Meetings. Co-organizer. ESA, San Jose, CA
- Field Trip. San Francisco Bay National Wildlife Refuge field trip – Hands on Educational Experience. Co-organizer. ESA, San Jose, CA

INVITED SPEAKER

- 202:** Stanford University. ESA – SEEDS Program and Ecology as a career choice.
SEEDS Chapter at Stanford University, Palo Alto, CA.
- Redwood High School. A “treehugger” from Mexico!
Redwood City, CA
- Biology 1113D. Ecology as a career choice.
Biology Department, University of Washington, Seattle, WA
- So you are thinking about pursuing ecology in graduate school? The things you should know about a Master’s program. Ramos, J., Wong, C., and Strickland, J.
SEEDS Leadership Meeting, Duke University.
- Student Diversity: Trail Blazers in Transforming the Culture of Ecology
Berkowitz, A., Finley, A., Ramos, J., Rino, R., Lewis, C.
ESA. Milwaukee, WI

PUBLICATIONS

- “
- 2006** Wong, C., Baquera, N., Colón-Rivera, R., Machona, B., McLaughlin, C., Ramos, J., Rivera, A., Sanfiorenzo, C., Striped Face-Collins, M., Tooke, T., Vasquez-Radonic, L., and Vickery, K.
2006. SEEDS of a New Millennium. ESA Bulletin **87**:225-228.

NON-PEERED REVIEWED PUBLICATIONS

- 2007** Constructed and wrote the monthly SEEDS Dispersal Newsletter from January 2007 to May 2007. Now as a graduate student, I contribute to the newsletter with reviews of significant scientific literature and short narratives about graduate school experiences.
<http://esa.org/seeds/newsletter/>

TEACHING EXPERIENCE

- 2006** University of Texas at El Paso. Teaching Assistant the Environmental Science Section for introductory freshmen science course: SCIENCE 1101.

HONORARY AWARDS AND MEMBERSHIPS

Dean's List from 2004 to 2006
Spotlight on Students 2006
Golden Key International Honour Society
Mortar Board National Senior Honor Society of UTEP
National Scholars Honors Society
National Honor Society for the Earth Sciences (SGE) – Alpha Lambda Chapter

ORGANIZATIONS AND MEMBERSHIPS

Ecological Society of America since 2004
Society for Conservation Biology since 2006
Society for Advancement of Chicanos and Native Americans in Science since 2004

SERVICE AND VOLUNTEER EXPERIENCES

UW - Graduate Opportunities & Minority Achievement Program - Student Advisory Board.
UW - College of Forest Resources - Diversity Contact
National Liaison and member of the SACNAS Student Chapter at UW
Co-founder, and past president of the SACNAS Chapter at UTEP
Co-founder, officer, and member of the Environmental Advocates SEEDS Chapter at UTEP
Community Cleanup with Environmental Advocates - UTEP SEEDS Chapter
Organized first ever 2006 UTEP's Undergraduate Research EXPO
Science Fair Judge and participant of Career day at local schools
UTEP's Science Council Advisory Board 2004-2006