

Curriculum Vitae
FAUSTO O. SARMIENTO, Ph.D.

Associate Professor
Department of Geography
The University of Georgia
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Areas of Competence

Mountain Geography, Human Dimension of Global Change in the Andes; Biogeography (Tropical Geocology Theory), Cultural Landscapes; Latin American Regional Studies; Resource Management and Sustainable Development; Ethnoecology and Biodiversity Conservation; Restoration Ecology and Environmental Planning; International Education; Academic Administration.

Education

Ph.D. 1996. **The University of Georgia**, Athens, GA. Landscape Ecology

Dissertation: Seed dispersal and forest regeneration in Tropandean landscapes of Ecuador
(*Advisor:* C. Ronald Carroll).

M.Sc. 1991. **The Ohio State University**, Columbus, OH. Tropical Ecology

Thesis: Habitat fragmentation and conservation of Ecuadorian remnant mountain forests in the Andes (*Advisor:* Paul A. Colinvaux).

B.Sc. 1988. **Catholic University of Ecuador**, Quito. Biology

Thesis: Habitat selection of Andean lapwings (*Vanellus resplendens*) in three areas of the Cotopaxi National Park, Ecuador (*Advisor:* Tjitte de Vries)

Employment History

Present	Associate Professor, Department of Geography
2005-2007	Assistant Professor of Geography
2002-2005	Director, Office of International Education, UGA
2003-2005	Assistant Professor of Environmental Design
2000-2002	Co-Director, Center for Latin American and Caribbean Studies, UGA.
2000-2002	Assistant Professor. Geography Department, UGA
1997-2000	Associate Director. Center for Latin American and Caribbean Studies, UGA.
1996-1997	Post Doc. Prof. Eugene Odum, Institute of Ecology. UGA.
1988-1996	Graduate Research and Teaching Assistant, OSU and UGA.
1986-1988	Executive Director. Ecuadorian Museum of Natural Sciences, Quito.
1986-1988	Professor of Ecology, Department of Geography, Catholic University. Quito.
1982-1986	Head, Education and Exhibits, Ecuadorian Museum of Natural Sciences.
1982-1986	Independent Ecological Consultant. AECOTAL Environmental Consultancy.
1978-1983	High School Biology Teacher. San Gabriel High School, Quito, Ecuador.

List of Publications

•Professional journals:

- Mahmud, A. & Sarmiento, F.O. 2008. Changing the role of rural women in Punjab province, Pakistan. *Geographische Rundschau* 4(2): 4-9.
- Sarmiento, F. O. 2005. Ethnoecology of the tropical Andes: Avian indicators of landscape change in highland Ecuador. *Pirineos* 160: 87-119.
- Pugh, J. & F. Sarmiento. 2004. Selling the public on sustainable watershed conservation. *Bulletin of Latin American Research* 23(3): 322-337.
- Chaurette, E., F.O. Sarmiento and J. Rodríguez. 2003. A protected landscape candidate in the Tropical Andes of Ecuador. *Parks* 13(2): 42-51.

- Sarmiento, F.O. 2002. Impulsores de cambio del paisaje: dinámica de las líneas de árboles en la montología neotropical. *Ecotrópicos*:15(2):129-146. [Drivers of landscape change: Treeline dynamics in neotropical montology]
- Sarmiento, F.O. 2002. Gerardo Budowski: A beacon to conservation of tropical mountains. *Mountain Research and Development* 22(2): 197-198.
- Sarmiento, F.O. 2002. Anthropogenic landscape change in highland Ecuador. *The Geographical Review* 92(2):213-234.
- Sarmiento, F.O. & L. Frolich. 2002. Andean cloud forest treelines: Naturalness, agriculture and the human dimension. *Mountain Research and Development* 22(3):278-287
- Sarmiento, F.O. 2001. Mountain Regions: Sustained livelihood for an increasing population? Schwerpunkt: Berge. *Entwicklung Ländlicher Raum* 6: 16-18.
- Sarmiento F.O. 2001. Les enjeux de la recherche sur les montagnes en matière de terminologie et de connaissances: application à l'espace andin. *Revue de Géographie Alpine* 89(2):73-77. [Lexical and cognitive issues for mountain research: A need to understand Andean landscapes]
- Sarmiento, F.O. 2000. Human impacts in man-aged tropandean landscapes: Breaking mountain paradigms. *Ambio* 29(7): 423-431.
- Sarmiento, F.O., G. Rodríguez, M. Torres, A. Argumedo, M. Muñoz & J. Rodríguez. 2000. Andean stewardship: Tradition linking nature and culture in protected landscapes of the Andes. *The George Wright Forum*, 17(1):55-69. (Special issue on Protected Landscapes)
- Sarmiento, F., H. Romero & B. Messerli. 1999. The Andean Mountain Association, the International Geographical Union, and Alexander von Humboldt on Mount Chimborazo. *International Geographical Union Bulletin*, 49(2):161-164.
- Sarmiento, F.O. 1999. To Mt. Chimborazo: in the steps of Alexander von Humboldt. *Mountain Research and Development*, 19(2):77-78.
- Sarmiento, F.O. 1999. Los desafíos de la Ecología en América Latina en el próximo milenio. *Persona y Sociedad* 13(1):12-18. [The challenges of ecology in Latin America in the next millennium]
- Sarmiento, F.O. 1998. Restauración de los hábitats críticos del paisaje tropandino ecuatoriano. *Geografía Aplicada y Desarrollo*, 37:63-86. [Restoration of critical habitats in Ecuadorian tropandean landscapes]
- Sarmiento, F.O. 1998. El valle del río Quijos: un paisaje cultural protegido como la mejor práctica de manejo para conservación y desarrollo de la ecorregión tropandina. *Geografía Aplicada y Desarrollo*, 37:41-51. [The Quijos river basin: a protected cultural landscape as the best management practice for conservation and development of the tropandean ecoregion]
- Myster, R. & F. O. Sarmiento. 1998. Seed inputs to microsite patch recovery on two Tropandean landslides in Ecuador. *Restoration Ecology*, 6(1):1-10.
- Sarmiento, F. O. 1997. The Quijos River Valley: A protected landscape as best management practice for conservation and development in Tropandean Ecuador. *The George Wright Forum*, 14(3):59-66. (Special issue on mountain protected areas)
- Sarmiento, F. O. 1997. Arrested succession in pastures hinders regeneration of Tropandean forests and shreds mountain landscapes. *Environmental Conservation*, 24(1):14-23.
- Sarmiento, F.O. 1997. Landscape regeneration by seeds and successional pathways to restore fragile Tropandean slopes. *Mountain Research and Development*, 17(3):239-252.
- Sarmiento, F.O. 1997. The birthplace of ecology: Tropandean ecoregion of Ecuador, an endangered landscape. *Environmental Conservation*, 24(1):3-4.
- Sarmiento, F. O. 1995. The birthplace of ecology. *Bulletin of the Ecological Society of America*, 76(2):104-105
- Sarmiento, F. O. 1995. Naming and knowing an Ecuadorian landscape: A Case Study of the Maquipucuna Reserve. *The George Wright Forum*, 12(1):15-22.
- Sarmiento, F. O. 1994. Human impacts on the cloud forests of the Upper Guayllabamba River, Ecuador. *Ecological Studies*, 110: 284-295.

- Sarmiento, F. O. 1993. Words to live by... Términos ecológicos. *Business México*, 3(1): 89-92. (Special issue on the environment).
- Sarmiento, F. O. 1992. Research in tropandean protected areas of Ecuadorian landscapes. *The George Wright Forum*, 9 (3-4): 148-160.
- Sarmiento, F. O. 1988. Expedición científica a la laguna de Puruhanta. *Revista Geográfica*, 25:7-28. [Scientific expedition to Puruhanta Lake]
- Sarmiento, F. O. 1984. Comunicación y ecología. *Boletín de Informaciones Científicas Nacionales*, 115: 39-43. [Communication and ecology]
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•Research Books:

- Sarmiento, F.O. (editor). 2003. *Las Montañas del Mundo: Una prioridad global con perspectivas latinoamericanas*. Editorial Abya-Yala, Quito: 669pp. [Mountains of the World: A global priority with Latin American perspectives] Translation and adaptation of Messerli & Ives (1997) Mountains of the World, with new text, boxes, figures, pictures and local examples to Latin American audiences.
- Sarmiento, F. O. & J. Hidalgo (editores). 1999. *Desarrollo Sustentable de Montañas: Entendiendo las interfaces ecológicas para la gestión de los paisajes culturales en los Andes*. Memorias del III Simposio Internacional AMA. Editorial Corporación Editora Nacional. Quito: 406 pp. [Sustainable Mountain Development: Understanding ecological interfaces for the management of Andean cultural landscapes]
- Sarmiento, F. O. 1987. *Antología Ecológica del Ecuador: desde la selva hasta el mar*. Casa de la Cultura Ecuatoriana. Quito: 382 pp. [Ecological Anthology of Ecuador: from the jungle to the sea]
- Sarmiento, F. O. 1982. *Ecología y sus leyes*. National Institute of Statistics and Census. Quito: 65pp. [The laws of Ecology]

•Reference and Textbooks:

- Debarbieux, B., S. Brunel, H. Gumuchian, PS. Ramakrishnan, V. Pototskaya & F. Sarmiento. 2008. *Enfants des Montagnes du Monde*. Editorial Glenat: Grenoble. 160pp.
- Naveh, Z., A. Lieberman, F. O. Sarmiento & C. Ghera. 2002. *Ecología de Paisajes. Teoría y Aplicación. Edición de estudiantes*. Editorial Universitaria de Buenos Aires, EUDEBA. Argentina. Buenos Aires: 571pp. [Landscape Ecology: theory and application. Students' edition] Translation and adaptation with new text and local examples to Latin American audiences.
- Sarmiento, F. O. 2001. *Diccionario de Ecología de Paisajes, Conservación y Desarrollo Sustentable para Latinoamérica*. Editorial Abya-Yala. Quito: 226pp. [Dictionary of Landscape Ecology, Conservation and Sustainable Development for Latin America]
< <http://www.ensayistas.org/critica/ecologia/diccionario/>>
- Odum, E. P. & F. O. Sarmiento. 1998. *La Ecología: el puente entre ciencia y sociedad*. Editorial McGraw-Hill Interamericana de México. México, DF: 343pp. [Ecology: the bridge between science and society] Translation and adaptation with new text and local examples to Latin American audiences.
- Sarmiento, F. O. 1991. (Reprint and update) *Diccionario Ecológico Energético Ecuatoriano* for the III International Workshop on Environmental Journalism. The Conservation Trust of Puerto Rico, San Juan, PR: 186pp. [Ecuadorian Ecological/Energy Dictionary]
- Sarmiento, F. O. 1986. *Diccionario Ecológico Energético Ecuatoriano*. Editorial Unión Nacional de Periodistas. Quito: 186pp. [Ecuadorian Ecological/Energy Dictionary]
- Sarmiento, F. O., Oviedo, G., Trávez, G. & Y. Céleri. 1985. *Guías Didácticas de Educación Ambiental*. Nivel Primario. 3 Tomos. Fundación Natura. Ed. Mantilla Hnos. Quito: 234pp. [Environmental education guidelines]
-

•Book chapters:

- Sarmiento, F.O. 2008. Participer Aux Travaux. Pp.87-113. In: B. Debarbieux (Editor). *Enfants des Montagnes du Monde*. Editorial Glenat. Grenoble: France.
- Sarmiento, F.O., C. Cotacachi & L. E. Carter. 2008. Sacred Imbakucha: Intangibles in the Conservation of Cultural Landscapes in Ecuador. In: Josep M. Mallarach (Editor). *Cultural and Espiritual*

- Values of Protected Landscapes*. Volume 2 in the series, Protected Landscapes and Seascapes. IUCN & GTZ. Kasparg Verlag, Heidelberg.
- Sarmiento, F.O. 2008. Agrobiodiversity in the farmscapes of the Quijos River in the Tropical Andes, Ecuador. Pp 22-30. In: Amend, T, J. Brown, A. Kothari, A. Phillips and S. Stolton. (Editors). *Protected Landscapes and Agrobiodiversity Values*. Volume 1 in the series, Protected Landscapes and Seascapes. IUCN & GTZ. Kasparg Verlag, Heidelberg.
- Sarmiento, F.O. 2007. (With Mallarach, J.M., J. Morrison, A. Kothari, J.A. Atauri and B. Wishitemi) In defense of protected landscapes: A reply to criticisms of category V and suggestions for improvement. *IUCN-Conservation category summit proceedings*. Almeria, Spain.
- Sarmiento, F.O. 2007. Paisajes culturales e identidad latinoamericana. *Memorias del II Encuentro Cultural Latinoamericano* (8pp MS). Instituto de Patrimonio Cultural. Ciudad Bolívar, Venezuela. [Cultural Landscapes and Latin American Identity: Proceedings of the II Latin American Cultural Encounter]
- Sarmiento, F.O. 2006. Andean Treeline dynamics and the human dimension of landscape change in the Andes. Pp 233-234. In: Price, M. (editor). *Global Change in Mountain Regions*. Sapiens Publishing: Wiltshire, UK. 398pp.
- Sarmiento, F.O., G. Rodríguez & A. Argumedo. 2005. Cultural landscapes of the Andes: Indigenous and colono culture, traditional knowledge and ethno-ecological heritage. Pp: 143-156. In: Brown, J., N. Mitchel & M. Beresford (editors). *The Protected Landscape Approach: Linking Nature, Culture and Community*. World Conservation Union IUCN: Gland and Cambridge: 262pp.
- Sarmiento, F.O., E.O. Box & E. L. Usery. 2004. GIScience and tropical mountains: A challenge for geoecological research. Pp: 289-307. In: Bishop M.P. & J.F. Shroder Jr. (editors). *Geographic Information Science and Mountain Geomorphology*. Springer-Praxis Publishing Ltd.: Chichester, UK and Germany: 486pp.
- Sarmiento, F.O. 2003. Protected landscapes in the Andean context: worshipping the sacred in nature and culture. Pp.: 239-249. In: Harmon, D. & A. Putney (editors). *The full value of Parks*. Rowman & Littlefield Publishing Group. Lanham, MA.: 347 pp.
- Sarmiento, F.O. 2003. Impacto humano en los paisajes tropandinos. Pp. 561-580. En: Sarmiento, F.O. (editor). *Montañas del Mundo: Una Prioridad Global con Perspectivas Latinoamericanas*. Editorial Abya-Yala, Quito: 669pp. [Human impact on tropandean landscapes. In: Mountains of the World: a global priority with Latin American perspectives]
- Sarmiento, F.O. 2002. La mejor práctica de manejo para conservación es la Categoría V. Pp. 43-52. En: Bandarín, F. (editor). *Paisajes Culturales en Mesoamérica*. UNESCO-Centro de Patrimonio Mundial. San José: 203pp. [Category V as the best management practice for conservation. In: Mesoamerican Cultural Landscapes]
- Sarmiento, F.O. 2001. Worshipping the sacred in nature and culture in protected landscapes of the Andes. Pp. 63-67. In: *UNESCO thematic expert meeting on Asia-Pacific Sacred Mountains*. World Cultural Center, Agency for Cultural Affairs of Japan, Wakayama Prefecture Government. Wakayama City: 310pp.
- Sarmiento, F.O. 2001. Biodiversidad de los paisajes culturales de la ecorregión tropandina. Pp: 108-109. En: Primack R., R. Rozzi., P. Feissinger, R. Dirzo & F. Massardo (editors). *Fundamentos de Conservación Biológica: Perspectivas Latinoamericanas*. Fondo de Cultura Económica. México DF: 796pp. [Biodiversity of the cultural landscapes of the tropandean ecoregion. In: Fundamentals of Biological Conservation]
- Sarmiento, F.O. 2001. Ecuador. Pp 497-548. In: Kapelle, M. & A. Brown. *Bosques Nublados del Neotrópico*. National Instituto of Biodiversity (InBIO): San José, Costa Rica. 698pp. [Ecuador. In: Neotropical Cloud Forests]
- Sarmiento, F.O. 2000. Restoration of Andean Montane Forests for Conservation and Development. Pp. 59-69. In: Price, M. & N. Butt (editors). *Forests in Sustainable Mountain Development: A State of Knowledge Report for 2000*". IUFRO. CABI Publications. Oxford: 590pp.

- Sarmiento, F.O. 2000. Prólogo y artículo: Los Desafíos de la Ecología en Latinoamérica en el Próximo Milenio. Pp. 43-48. En: Jiménez, P. (editor). *Ecología y Desarrollo Sostenible: Reto de América Latina para el Tercer Milenio*. Memorias del IV Congreso Latinoamericano de Ecología. Instituto Regional de Ciencias Ambientales, UNSA, Arequipa. 284pp. [Prologue and article: The challenges of Ecology in Latin America in the next millennium. In: Sustainable development and ecology: the challenge for Latin America into the next millennium]
- Sarmiento, F.O. 2000. Lexical and cognitive issues for mountain research: A need to understand Andean landscapes? Pp.-101-105. In: Debarbieux, B. & F. Guillet (editors). *Mountain regions: A research subject?* International Mountain Research Workshop. Autrans. 234pp.
- Sarmiento, F.O. 1999. Terminología ecológica unificada para conservación y desarrollo sustentable de América Latina. Pp. 265-268. En: Sarmiento, F.O. & J. Hidalgo (editores). 1999. *Desarrollo Sustentable de Montañas: Entendiendo las interfaces ecológicas para la gestión de los paisajes culturales en los Andes*. Memorias III Simposio Internacional AMA. Corporación Editora Nacional. Quito: 406 pp. [Ecological terminology unified for conservation and sustainable development of Latin America. In: Sustainable Mountain Development: Understanding ecological interfaces for the management of Andean Cultural Landscapes]
- Sarmiento, F. O. 1997. Restauración de paisajes Tropandinos: el desafío para la conservación de áreas frágiles en los Andes Tropicales. Pp 375-383. In: Liberman, M. & C. Baeid (editores). *Desarrollo sostenible de ecosistemas de montaña: Manejo de áreas frágiles en los Andes*. UNU-PL-480. La Paz: 473pp. [Restoration of Tropandean landscapes: a conservation challenge for fragile areas in the tropical Andes. In: Sustainable development of mountains: managing Andean fragile areas]
- Sarmiento, F. O. 1995. Restoration of Equatorial Andes: The challenge for conservation of tropandean landscapes. pp. 637-651 In: *Biodiversity and conservation of Neotropical montane forests*. Churchill, S., H. Balslev, E. Forero & J. Luteyn (editors). The New York Botanical Garden. Bronx, NY: 702pp.
- Sarmiento, F. O. 1993. Human impacts on the cloud forests of the upper Guayllabamba river basin, Ecuador, and suggested management responses. pp. 183-190. In: *Tropical Montane Cloud Forests*. Hamilton, L., J.Juvik & F. Scatena (editors). The East West Center. Honolulu: 284pp.

•Guest editor

- Sarmiento, F.O. (In Press). 2008. Farmscape Transformation and Global Change in the Andes. *Pirineos* 163.
- Sarmiento, F.O. (among others). 2002. *The Abisko Agenda: Research for Mountain Area Development*. Rethinking Agenda 21, Chapter 13: Managing Fragile Ecosystems; Sustainable Mountain Development. The Royal Swedish Academy of Sciences, *Ambio Special Report 11*.
- Sarmiento, F. & T. Wachs. 2000. Special Issue on cultural landscapes. *Mountain Research and Development*, 20(3).
- J. Brown, N. Mitchell & F.O. Sarmiento. 2000. Landscape Stewardship: New directions in conservation of nature and culture. Special Issue. *George Wright Forum*, 17(1).
- Sarmiento, F.O. 1998. Entendiendo las interfaces ecológicas de los paisajes culturales en los Andes. *Geografía Aplicada y Desarrollo*, 18(38). [Understanding ecological interfaces of Andean cultural landscapes]

•Book reviews

- Sarmiento, F. 2008. Listening to the Mountains. *Ecological Anthropology*
- Sarmiento, F. 2007. Páramos de Costa Rica. *Mountain Research and Development*: 27(1):95-97.
- Sarmiento, F. 2006. Key Issues for Mountain Areas. *Mountain Research and Development*: 26(3):298-300.

-Publications in Press

•Book chapters:

Sarmiento, F.O. Geomorphology and natural and human-induced disasters in Ecuador. In: E. Latubrese (Ed.). *Geomorphology and Disasters*. Elsevier.

Sarmiento, F.O. Travailleur. Travail des enfants comme des écoles. In: Debarbiewux, B. (Editor) *Les enfants e les montagnes du monde*. Editions Glénat: Grenoble.

•**Research articles:**

Carter, L.E. & F. Sarmiento. Cotacacheños and Otavaleños: Indigenous sacred sites conservation in Northern Ecuador. *Journal of Human Ecology*.

Giraldo, M. & F. Sarmiento. Educative Land Use Planning for Tropical Agriculture: Analyzing remotely sensed data in the humid tropics of Costa Rica. *Journal of Land Use Science*.

Sarmiento, F.O. Farmscape transformation and landscape change: the case of the Paramo ecosystem and of *Vanellus resplendens* in Andean ethnoecology. *Geographical Review*.

-Publications in Preparation

•**Research articles:**

Donoso, M. & F. Sarmiento. The Paute Watershed: Soil conservation in a development context of biodiversity-driven conservation policy. *Journal of Mountain Science*.

Sarmiento, F.O. Andean ethnoecology and cloud forest conservation. *Ethnobiology*.

•**Books:**

Sarmiento, F.O. (editor). *Human Dimension and Farmscape Transformation in the Andes: Mountain people facing global environmental change*. (Special issue of Pirineos, the Journal of Mountain Ecology, with support from the Mountain Research Initiative MRI).

•**Book chapters:**

Sarmiento, F.O. Corporeal metaphor in Andean Ethnoecology: Cultural landscapes as changing mountain anatomical attributes (12ppMS). In: Scheel-Ybert, R & Di Pasquale, G. (editors). *Landscape evolution and human impact in South America during the Late Quaternary*.

Sarmiento, F.O., Ortega, L. & Viteri, X. Overview of the Andean Connectivity. In: Worboys, G., Hamilton, L., Moss, L. & Sarmiento, F.O. (editors). *Mountain Conservation Connectivity Management*. The World Conservation Union (IUCN) Gland, Switzerland.

•**Creative Publications:**

Sarmiento E & Sarmiento F. 2005. *Soul Ecology Vignettes*. Circle Gallery and Owens Library. University of Georgia. Athens. 56pp.

[Trilingual —Spanish, English and Kichwa— exhibit on art and poetry in tropical mountains as an environmental education effort on the emotional geographies of the Andes]

Sarmiento, F.O. 2005. Building Capacity for Mountain Protection. *Mountain Forum Bulletin*, 5(1):22.

Sarmiento, F.O. (Editor). 1985. *Poesía Naturalista*. Memorias del Primer y Segundo Encuentro de Poesía Naturalista en el Ecuador. Casa de la Cultura Ecuatoriana. Quito: 78pp.

[Nature Poetry: Proceedings of the First and Second National Poetry Encounters]

Sarmiento, F.O. 1980-1986. Panorama Ecológico Ecuatoriano. *Revista Ecuatorial: Ecología y Turismo*. Ecuador (Quarterly magazine on nature conservation and protected areas)

Grants

•**External**

2007. Exposition Foundation of Atlanta/Latin American and Caribbean Studies Institute. \$25K/3 years. Chronosequence Study Phase II. Earth University, Costa Rica.

2006. International Workshop on Mountain Connectivity Conservation. WCPA-Mountains. The Wilburn Foundation, The World Bank and IUCN. (Co-PI) \$12K

2006. Travel grant to Spain. Experts meeting on protected landscapes conservation. WCPA task force. IUCN/Department de Medi Ambient, Generalitat de Catalunya. \$3K

2006. Travel grant to Argentina to moderate a session in an international CONCORD meeting. Mountain Research Initiative-World Bank. \$2K
2006. Desk Review of the Agave Landscape candidacy for UNESCO's World Heritage Center. \$1K
2006. International Human Dimension Program-Andean Network. IHDP-GPCC. \$5K
2005. Travel Grant to Scotland. International conference. Mountain Research Initiative MRI. \$2.5K
2004. Fulbright International Education Administrator Program to Japan. CIEE. (PI) \$5K.
2001. International Workshop on Andean Landscapes. The Exposition Foundation (PI) \$8K.
2001. Graduate Research Travel Awards. Tinker Foundation (Co-PI), matching \$30K/3years.
2000. Ethnobotanical Sister Gardens Network. Exposition Foundation (Co-PI) \$85K/3years.
2000. Ethnobotanical Garden/International Ethnobiology Congress. Exposition Foundation (PI) \$8K.
2000. Italian Committee for the International Year of Mountains (PI) \$20K/2years
1999. Mountains of the World Book Project. Swiss Development Corporation. (P.I.) \$35K/3years.
1999. Latino Families Ecology Course. Eugene P. Odum Foundation. (PI) \$7K.
1998. International Workshop and Publication. National Science Foundation. (PI) \$17K.
1998. Sustainable Mountain Development Symposium. United Nations University (PI) \$33K.
1998. Sustainable Mountain Development Symposium. Swiss Development Corporation (PI) \$33K.
1998. Sustainable Mountain Development Symposium. UNESCO (PI) \$10K.
1998. Mountain research workshop. FUNDACYT. (PI) \$5K.
1998. Ethnobotanical reserve in Baeza workshop. ECORAE. (PI) \$10K.
1997. Latin American Ethnobotanical Gardens Network. Exposition Foundation (Co-PI) \$32K/3years.
1997. Latin American Ethnobotanical Garden. The Catherine Murphy Foundation (Co-PI), \$100K.
1995. Seed dispersal Dissertation Award. The Scott Neotropic Fund (PI) \$11K
1989. Birds of Ecuador. MacArthur Foundation-Academy of Natural Sciences (Co-PI) \$800K/4years
1988. Graduate training. LA County Museum of Natural History-Western Foundation (PI) \$22K/2years

•Internal

2007. UGARF research grant. \$4,250. Paramo: language hegemonies and politics of translation in prehensive mountain environments. Costa Rica/Ecuador/Argentina.
2007. LACSI travel award. \$1,500. II Latin American Parks Congress. Bariloche, Argentina.
2005. Travel grant to Ecuador, to prepare a study abroad Geography course. Franklin College, CLACS and OIE. (PI) \$2.1K
- 2004-2005. Athletic Association International Assistantship to give to international students in financial need who will come to UGA to pursue environmental careers. (2004-2005) (PI) \$12K/year/2years
2004. Instructional Support and Development-Technology Allocation to built and equip facilities for webcast and distance education to our international campuses from Barrow Hall. (PI) \$37K
2003. Graduate School Assistantship to pay for a graduate student research assistant. (PI) \$10K
2002. International Faculty Development Fund for an on-line web-based ecological/literary reference site and web portal. (Co-PI) \$3K.
2002. International Faculty Development Fund for a prospective study abroad course. (PI) \$3K
2001. Graduate School Matching to Tinker Foundation (2001) to send UGA students on scouting research trips to Latin America. (Co-PI) \$30K/3years
2001. President's Venture Fund to organize an International Workshop on Montology. (PI) \$3K
2000. President's Venture Fund for the World Congress of Ethnobiology. (Co-PI) \$4K
2000. State of the Art Conference Funding. Latin American ethnobotanical sister garden network, within the 7th World Congress of Ethnobiology. (Co-PI) \$20K.
1999. School of Social Work to implement a Latino Family and social ecology course. (PI) \$4K
1998. International Academic Faculty Development Fund for an international workshop. (PI) \$3K
1998. President's Venture Fund for initiating a network of Latin American gardens. (PI) \$5K
1998. UGARF support for the III AMA symposium on Sustainable Mountain Development (PI) \$5K
1998. Franklin College Lottery program to purchase equipment for CLACS. (Co-PI) \$8K.

Since 1998, I have received 6 UGARF international travel grants for a total of \$7K.

List of Awards and Commendations

2007. *Faculty of the Year*. Student Government Association (GSA). The University of Georgia
2006. *Review Board Member* of the Council of International Exchange of Scholars' Fulbright Scholars Program on Environmental Science, for a three-year appointment.
2006. *Nomination* by the Pan American Geographic Studies and Research Center (CEPEIGE) to the "Geography Medal" of the Pan American Institute of Geography and History (IPGH).
2005. Selection as *representative* of the International Human Dimension Program (IHDP) of the International Program on Global Change (IPCC) to the Science Advisory Board of the Mountain Research Initiative (MRI).
2005. *Career Development Faculty Award* for positive impact in graduate students' career development and professional guidance. The University of Georgia's Career Center.
2004. *International Juror*. International Prize for Conservation of Biodiversity in Iberoamerica. The BBVA Foundation awards €230,000 for Actions on Biodiversity Conservation. Madrid. Spain.
2004. *Deputy Vice Chair-Mountains*, Capacity Building. World Commission of Protected Areas of the World Conservation Union. Gland, Switzerland.
2004. *Fulbright Scholarship*. Japan-US program for International Education Administrators. All expenses paid six weeks agenda, after a competitive national selection process of the US Department of Education.
2003. *Eminent Scholar Lecture*. University of Salzburg Seminar. Austria.
2003. *Keynote Speaker*. Protected Landscapes workshop. World Parks Congress. South Africa.
2003. *Annual Distinguished Johnstone Lecturer*. State Botanical Garden of Georgia. Athens.
2003. *Career Development Faculty Award* for positive impact in graduate students' career development and professional guidance. University of Georgia's Career Center.
2002. *Diploma*. Advisor to CURO Symposium's Best Student Paper Award. Social Science
2001. *Plaque*. Research Accomplishment Award. Mountain Geography Specialty Group, Association of American Geographers. New York.
2001. *Keynote speaker*. First Humboldt Congress. PUCE. Quito, Ecuador.
2000. *Plaque*. Leadership Athens, Inc.
2000. *Keynote speaker*. I International Congress of Biodiversity in the Andes and the Amazon. Cuzco.
1999. *Plaque*. Outstanding Faculty of the Year. Phi Beta Delta Honor Society for International Scholars. Tau Chapter.
1999. *Special Recognition Award*. Catholic Social Services, Athens, Ga.
1998. *Keynote speaker*. IV Latin American Congress of Ecology. Arequipa.
1998. *Plaque*. Pan American Center for Geographical Research and Studies. CEPEIGE. Quito,
1998. *Distinción "La Tierra y su Gente"*. Santa Fé, Argentina [Wooden owl trophy]
1996. *Best Student Paper Award*. Applied Ecology. The Institute of Ecology, UGA
1994. *Dissertation Award*. Scott Neotropic Fund. The Lincoln Park Zoological Society, (\$17K)
1987. *Plaque*. Directorship recognition. Ecuadorian Museum of Natural Sciences. Quito.
1985. *Mención Príncipe de Asturias*. Premio para jóvenes investigadores de la naturaleza. Madrid. [Mention to the Prince of Asturias Prize for young nature investigators]

Affiliation to Professional Societies

- AAG. *Association of American Geographers*. Chair of the Mountain Geography Specialty Group (MGSG) 2002: International Year of the Mountains
- AIEA. *Association of International Education Administrators* (Research Committee)
- NAFSA. *Association of International Educators*. (Immigration and Study Abroad)
- LASA. *Latin American Studies Association*. (Andes)
- IMS. *International Mountain Society*. Global Mountain Program task force.

AMA. *Andean Mountains Association*. President 1998-2001.
FAO. *Food and Agriculture Organization of the United Nations*. International Ad-hoc Committee on Chapter 13 Agenda 21.
ESA. *Ecological Society of America* (Mountain ecology, Sustainable Development)
WCMC. Advisory Board member, *World Conservation Monitoring Centre*, TMCFs initiative.
TMI. Member of the *Mountain Forum*, The Mountain Institute
IUCN. *The World Conservation Union*
WCPA. *World Commission Protected Areas*, Member of the Mountain Protected Area Network. Deputy Vice-Chair for Mountains –Capacity Building. Member of the Protected Landscapes Task Force.
IGU. *International Geographical Union*. Global Mountains Task Force.

Teaching

2007-Present. Associate professor of Geography. UGA
2005-2007. Assistant professor of Geography. UGA
2003-2005. Assistant professor of Environmental Design. UGA
2000-2002. Assistant professor of Geography. UGA
2000- present. (One week every other May) *Guest Professor*. Human Ecology Module. Master's course in Rural Development and Resources Management. Catholic University of Ecuador, Ibarra.
2000-present. *Faculty mentor*. Center for Undergraduate Research Opportunity. Honor's Program UGA
1997-present. *Courtesy faculty*, Conservation Ecology Program, Graduate Faculty of Ecology, Faculty of Environmental Ethics Certificate Program UGA
1994-1996. *Teaching Assistant*. Institute of Ecology. The University of Georgia
1989-1990. *Teaching Assistant*. Zoology Department. The Ohio State University.
1986-1988. *Professor of Ecology*, Geography Department. Catholic University of Ecuador, Quito.
1978-1982. *High School Biology Teacher*. Colegio San Gabriel, Quito.

Courses Thought at UGA

FRES 1020. Imperative Geographies: World Heritage Sites Conservation. (1 credit. New course development)
GEOG 3290. Introduction to Mountain Geocology (3 credit hours: new course development)
GEOG 3990. Internship in Geography (3 credit hours)
GEOG 4270/6270. Advanced Mountain Geocology (3-6 credit hours: new course development involved as geographical practicum in Ecuador and in Costa Rica)
GEOG 4720/6720. Geography of Latin America (3 credit hours: new course development)
GEOG 4950H. Independent Study Honors (3 credit-hours)
GEOG 4960H. Honors Research. (3 credit-hours)
CRSS/HORT/ANTH/ECOL/GEOG 4930/6930. Agriculture and Ecology of Tropical America (3 credit hours: co-teaching course)
CRSS/HORT/ANTH/ECOL/GEOG 4931/6931. Agriculture and Ecology of Tropical America. Costa Rica Study Abroad (3-6 credit hours: co-teaching course)
SOWK 6107 Latino Families: Ecology and Social Development. (3 credit hours: new course development involved).
GEOG 8220. Biogeography Seminar: Neotropical Montane Cloud Forests (3 credit hours: new course development involved)
GOEG 8810. Human/Environment Relations Seminar: Conservation of Cultural Landscapes (3 credit hours: new course development involved)

Other contributions:

- Guest speaker in several US and foreign universities. Most recently, Instituto de Ecología Pirenaico in Spain; International Center for Higher Studies of the Mediterranean in Spain; University of Bern (teleconference) in Switzerland; University of Buenos Aires (teleconference) in Argentina; University of Salzburg (Salzburg Seminar) in Austria; University of Chile in Santiago, Chile; University San Agustín of Arequipa, in Peru; Catholic University of Ecuador in Quito and in Ibarra; University of Cuenca in Ecuador, University EARTH (Escuela de Agricultura para la Región Tropical Húmeda) and CATIE (Agronomy Center for Tropical Research and Teaching) in Costa Rica and University of the Americas in Puebla, Mexico. American universities include Brown University, Georgia Southern University, Duke University, University of Illinois-Normal, University of Cincinnati, and the University of Puerto Rico, Río Piedras.
- Numerous extracurricular activities in grade schools (i.e., guest speaker, visiting lecturer, panel member, school liaison, etc) in relation to Latin America and to the Latino culture in the State of Georgia and the United States of America at large.
- Guest professor for the Masters in Rural Development and Natural Resources Management program of the Catholic University of Ecuador, Ibarra.
- Member of 20 students' advisory committees in the last seven years:
 - Rita Matthew. Ph.D. Geography UGA
 - Ujuani Das. MA. Geography UGA
 - Micheael R. Coughlan, Anthropology UGA
 - Chris Graham. MSc. Plant Sciences UGA
 - Sakura Evans. Ph.D. Anthropology UGA
 - Ted Maclin. Ph.D. Anthropology UGA
 - Zaroo Hyeon. Ph.D. Geography UGA
 - Polly Bass, Ph.D. Geography UGA
 - María Tucker, MA. Journalism UGA
 - Monica Hayden, MA. Historic Preservation. UGA
 - Garner Dewey, Ph.D. Professional Studies UGA
 - Thor Härjsten, M.Sc. Biodiversity Conservation. Denmark
 - Eric Jones, Ph.D. Anthropology UGA
 - David Shaefer, B.Sc. Latin American Studies UGA
 - Elena Sarmiento, M.A. Education OSU
 - William Vandeberg, Ph.D. Anthropology UGA
 - Xavier Viteri Oquendo, M.Sc. Conservation Biology ISU
 - Elisa Berg, M.A. Anthropology UGA
 - Robert Lieberman, Ph.D. Geography UGA
 - James Reed, Ph.D. Anthropology UGA
 - Jennifer Osha, M.Sc. Forestry. Yale
- Current major professor
 - Mario Donoso. Ph.D. Geography. 2008. *Geosimulations of Urban Growth, Dasyetric Mapping and Population Dynamics in Northwest Florida 1974-2025.*
 - Michael Perkins. Ph.D. Geography. Starting January 2009. *Farmscape transformation in tropical mountains: Livelihood insecurity in diminishing water availability scenarios.*
- Graduated advisees:

Mario Andrés Giraldo, M.Sc. Geography. UGA 2004. *Land Use Analysis of Earth University Property in Costa Rica from 1973 to 2001 Using Remote Sensing data.*
César Cotacachi, M.A. Rural Development. PUCE 2003. *Ethnoecology of the Imbakucha Watershed in Otavalo, Ecuador.*

Research and Other Creative Activities

Research area: Mountain Geography. Human Dimension of Global Change in the Andes. Biogeography (Tropical Geocology theory). Cultural Landscapes and Latin American Regional Studies. Environmental Justice, Resource management and Sustainable Development. Ethnoecology and Biodiversity Conservation. Restoration Ecology and Environmental Planning.

Creative area: Nature/art supporter. Poetry in nature. Neocubist paintings. Coordinator of the National Poetry Encounters in Ecuador 1984-1986. Mountain photography.

Networking area: Coordinator of the Latin American Ethnobotanical Sister Gardens Network. Coordinator of the International Human Dimensions Program in the Andes network (just created in 2006). Member of the Mountain Forum Network.

Organization of Scientific and Professional Conferences:

Organizer of the Workshop on Mountain Protected Area Connectivity. (IUCN) Quito. 2006
Organizer of the Workshops for AAG's Mountain Geography Specialty Group meeting (2002).
Co-Organizer of the first Latin American National Parks Congress (Colombia, 2002).
Organizer of the International Workshop on Applied Montology: Comparative Geographies of the Andes and the Appalachians (Athens, 2001).
Co-organizer of the 7th International Congress of Ethnobiology (Athens, 2000).
Organizer of the 3rd International Symposium on Mountain Sustainable Development for the Andes. Andean Mountains Association (Quito, 1998).
Secretary of the First National Science Congress in Ecuador, 1987.

Public Service and Outreach

• **Professional:**

-Editor

Regional Editor for Latin America, *Mountain Research and Development*.

Editorial Board Member for Pirineos, the Journal of Mountain Ecology

Editorial Board Member for *Lyonia*, an electronic journal for tropical mountains (Hawai'i)

Editorial Board Member for *GeoTrópicos*, an electronic journal of geographers (Colombia)

-Special Issue Editor: *The George Wright Forum* (Michigan), *Mountain Research and Development* (Switzerland), *The Swedish Royal Academy of Sciences* (Sweden) and *Geografía Aplicada y Desarrollo* (Ecuador).

-Juror

International Prize on Biodiversity Conservation in Spain and Latin America: Actions on Conservation. BBVA Foundation. Madrid, Spain

International Master Program on Environmental Integration and Rural Development's graduation committee. International Center for Advanced Mediterranean Studies. CHIAM-Saragoza, Spain.

Member of the advisory panel for the Geography section of the Educational Standards Commission in the State of Georgia.

-Reviewer (Manuscripts) for:

Arctic and Alpine Research, Journal of Latin American Geography, Biotropica, Journal of Geomorphology, Physical Geography, Southeastern Geographer, Bulletin of Latin American Research, Ambio, Environmental Conservation, Mountain Research and Development, Bulletin of

the International Geographical Union, The Geographical Review, The Geographical Journal, Geografía Aplicada y Desarrollo, Pirineos Journal of Mountain Ecology.

-Reviewer (Proposals) for:

National Science Foundation, International Programs of Science and Engineering; Fulbright Scholar Program in Environmental Sciences; National Academy of Science; National Science Foundation, Geography and Regional Science, Division of Behavioral and Cognitive Sciences; The National Geographic Research and Exploration; The Social Science Research Council; Czech Science Foundation; The Pan American Center for Geographical Research and Studies.

• **University:**

CURO Advisory Board, UGA Honors Program. Environmental Ethics Certificate Program. Caribbean Initiative. Latin American Studies Certificate Program. Graduate Latin America Research Travel. Sustainable Agriculture Group. Center for Sustainable Development Initiative. Facilitator of the Latin American Ethnobotanical Garden. Hispanic Task Force. University System of Georgia's Board of Regents. Focal Point for the Latino Faculty Initiative and Coordinator of the "Ronda Latina" and of the "Hispanic Heritage Month" on campus. Selection Committee, Office of International Education, Associate Provost for Institutional Diversity. Task Force member for the establishment of the Office of Institutional Diversity. Task Force on Minority Recruitment and Retention. Member of the Latino Advisory Board.

• **Local**

Advisory Board Catholic Social Services. Leadership Athens alumni. Friend of the Museum of Art.

• **National:**

Chair elect, Mountain Geography Specialty Group, Association of American Geographers. 2001. Chair. Mountain Geography Specialty Group. Association of American Geographers. 2002. Past Chair, Mountain Geography Specialty Group. Association of American Geographers. 2003. Node, North American Mountain Forum and the Mountain Institute (West Virginia). 2004. Advisor. QLF/Atlantic Center for the Environment: Landscape Stewardship. 2002-2007.

• **International**

Science Advisory Board Member of the Mountain Research Initiative (MRI) on behalf of the International Human Dimensions Program (IHDP). Switzerland.
Task Force Member of the Mountain Collaborative Program. United Nations University UNU. Japan.
Mountain Executive Member. Deputy Vice Chair, Capacity Building. WCPA-IUCN Gland.
Task Force Member. Global Mountain Program. International Geographical Union IGU Zurich.
Task Force Member. Category V: Protected Landscapes. World Commission of Protected Areas IUCN-WCPA. Gland.
Scientific Advisor. Tropical Montane Cloud Forests. World Conservation Monitoring Center – WCMC. Cambridge.
Facilitator and Member of the Latin American Ethnobotanical Sister Gardens -ETNOJARDIN
Technical Advisor. UNESCO/IUCN regional expert for Cultural Landscapes. Paris.
Ad-hoc Committee Member. FAO. International Year of the Mountains. Rome.
Conservation International's regional expert for Andean sustainability. Arlington, VA.
Advisor and Correspondent Member. Latin American Center for Social Ecology, CLAES. Uruguay.
Advisor. Pan American Center for Geographical Research and Studies, CEPEIGE. Ecuador.
President elect, Andean Mountains Association (1995-1998). Bolivia.
President, Andean Mountains Association (1998-2001). Ecuador.
Former President, Andean Mountains Association (2001-2004). Venezuela.

Other distinctions

I have been invited as guest speaker to many conferences in the last ten years. The most distinctive have been those commissioned by UNESCO-IUCN to be their envoy in several countries to discuss the new cultural landscapes categories for Heritage Site Conservation. I have been interviewed in the media (including *ScienceNews*, radio, TV and many print media) and I have been invited to submit columns and reviews in newspapers.

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