

ELEANOR JANE STERLING
DIRECTOR AND AFFILIATED PROFESSOR
CENTER FOR BIODIVERSITY AND CONSERVATION

HIGHEST DEGREE EARNED

Ph.D.

AREA OF SPECIALIZATION

Conservation Biology

EDUCATIONAL EXPERIENCE

Ph.D. in Physical Anthropology and Forestry & Environmental Studies, Yale University, 1993

M.A. in Philosophy, Yale University, 1989

B.A. in Psychology, Yale University, 1983

PREVIOUS EXPERIENCE IN DOCTORAL EDUCATION

FACULTY APPOINTMENTS

Director of Graduate Studies, Department of Ecology, Evolution, and Environmental Biology, Columbia University, 2002-present

Adjunct Professor, Columbia University, 1996-present

Adjunct Faculty, The Graduate School and University Center, Department of Biology, City University of New York

COURSES TAUGHT

Topics in Conservation Biology, Columbia University, 2008

Teaching Conservation Biology, Columbia University, 2008

Conservation Biology Seminar, Columbia University, 2007

Biodiversity module, Bard Center for Environmental Policy, Bard College, 2007

Behavioral Ecology and Conservation, Columbia University, 2002

GRADUATE ADVISEES

Hara Woltz, Columbia University, first year

Kristin Tremain, M.A., Columbia University, second year

Georgina Cullman, Columbia University, second year

Le Duc Minh, M.S., Columbia University, 2001, Ph.D 2008

Lauren Terwilliger, M.A., Columbia University, 2007

Carlos Iván Zambrana Flores, Columbia University, 2005

Vanessa Rasoamampianina, Columbia University, 2004

Erin Willigan, Columbia University, 2003

Nuria Bernal, Columbia University, 2001

GRADUATE COMMITTEES

Liz Nichols, Columbia University, third year
Maria-Esther Quintero, Columbia University, third year
Leo Ricardo Douglas, Columbia University, fourth year
Cullen Geiselman, Columbia University, fifth year
Martin Mendez, Columbia University, fifth year
Jessica Rogers, Columbia University, fifth year
Hara Woltz, M.A., Columbia University, 2006
Julian Faivovich, Columbia University, 2005
Taran Grant, Columbia University, 2005
Alison Ormsby, Antioch College, 2003
Andrea Freeman, Columbia University, 2001
Yael Wyner, New York University, 2000
Jean Claude Razafimahaimodison, City University of New York, 1998

RESEARCH GRANT SUPPORT

FEDERAL SOURCES

- National Oceanic and Atmospheric Administration. Sea Turtles of Palmyra Atoll. \$127,987, 2007 – 2008.
- National Science Foundation, Research Coordination Network, Palmyra Atoll Research Coordination Network (PARCnet): Integrating Research for Coral Reef Ecosystem Science and Management, \$492,502, April 1, 2007-March 31, 2012.
- National Oceanic and Atmospheric Administration, Advancing an Initiative in the Understanding of Aquatic Environments: Education, Outreach, and Research at the American Museum of Natural History, \$958,656, October 1, 2005-September 30, 2006.
- National Science Foundation, Teaching Biodiversity Conservation: The Network of Conservation Educators and Practitioners, \$446,069, April 1, 2005-March 31, 2008.
- National Oceanic and Atmospheric Administration, Understanding Aquatic Environments: Education, Outreach, and Research at the American Museum of Natural History, \$989,447, October 1, 2004-December 31, 2005.
- National Aeronautics and Space Administration, Decision Support for the Convention on Biological Diversity 2010 Goal: Guidance on the Application of Remote Sensing Techniques for Measuring the Rate of Biodiversity Loss, \$47,000, September 1, 2004-August 31, 2005.
- National Science Foundation, Supplement: Inquiry-Based-Learning Modules for Conservation Biology Education, \$34,316, July 1, 2004-December 31, 2005.
- National Aeronautics and Space Administration, Earth Science Education \$188,863, 2004.
- National Science Foundation, Course, Curriculum, and Laboratory Improvements supplement to Educational Materials Development: Inquiry-Based Learning Modules for Conservation Biology Education \$34,316, 2004.
- National Science Foundation, Course, Curriculum, and Laboratory Improvements: Educational Materials Development: Inquiry-Based-Learning Modules for Conservation Biology Education, \$499,217, January 1, 2002-December 31, 2005.

National Aeronautics and Space Administration, Biological Diversity project \$1,200,000, 2002-2003.

United States Fish and Wildlife Service, Curriculum Materials for Bolivia \$36,683, 2001-2002.

National Science Foundation, Biotic Surveys and Inventories: SGER Pilot expedition for multi-taxa biodiversity surveys in the Bolivian Andes, \$45,001, 2001.

National Aeronautics and Space Administration, Biological Diversity project \$940,000, 2000-2001.

National Science Foundation, Anthropology—Dissertation Research: Species Boundaries and Conservation Units in the Family Lemuridae, \$5,930 (for Yael Wyner), 2000.

National Science Foundation, Biotic Surveys and Inventories supplements to Collaborative research: Multi-Taxa Inventory of Threatened Conservation Areas in Vietnam, \$155,000, 1998-2002.

National Science Foundation, Biotic Surveys and Inventories—Collaborative Research: Multi-Taxa Inventory of Threatened Conservation Areas in Vietnam, \$485,000, 1998-2002.

National Aeronautics and Space Administration, Remote Sensing and Biodiversity Data Center for Amazonian and Andean Regions in South America \$63,800, 1998.

NON-FEDERAL SOURCES

Sarah K. de Coizart Article Tenth Perpetual Charitable Trust, Center for Biodiversity and Conservation Metropolitan Biodiversity Program, \$75,000, 2008-2009.

The Christensen Fund, Sustaining Cultural and Biological Diversity in a Rapidly Changing World: Lessons for Global Policy, \$137,000, 2008.

The Stewart Foundation, Southwest Research Station Education Center. \$250,000, 2008.

The Wenner-Gren Foundation, Sustaining Cultural and Biological Diversity in a Rapidly Changing World: Lessons for Global Policy, \$30,000, 2008.

John D. and Catherine T. MacArthur Foundation, Building Local Capacity in Conservation Planning and Biodiversity Monitoring in Vietnam and Lao PDR, \$325,000, 2006-2009.

Park Foundation, Water Exhibit and Educational Products, \$100,000, 2007.

Panta Rhea Foundation, Water Exhibit and Educational Products, \$100,000, 2007.

The Christensen Fund, Sustaining Cultural and Biological Diversity, \$90,000, 2007.

John D. and Catherine T. MacArthur Foundation, Capacity building in Madagascar. \$300,000 (AMNH lead institution, in collaboration with Wildlife Conservation Society, Durrell Wildlife Conservation Trust, and Conservation International), 2007.

John D. and Catherine T. MacArthur Foundation, Community Conservation Areas in the Solomon Islands, \$250,000, 2007.

John D. and Catherine T. MacArthur Foundation, Capacity building in Peru and Bolivia, \$225,000, 2006.

John D. and Catherine T. MacArthur Foundation, Conservation Planning and Monitoring in Vietnam and Lao PDR, \$325,000, 2006.

New York Community Trust, renewed support of the Network of Conservation Educators and Practitioners, \$100,000, June 2005-May/June 2006.

John D. and Catherine T. MacArthur Foundation, Improving Biodiversity Conservation in Threatened Landscapes of Central Vietnam, \$300,000, March 18, 2003-February 17, 2006.

John D. and Catherine T. MacArthur Foundation, Biodiversity Conservation Training in Madagascar: A Collaborative Effort Linking Conservation Professionals and Universities, \$500,000, December 1, 2003-November 30, 2006.

RECENT ARTICLES IN REFEREED JOURNALS (2001-2008)

Gibbs, J.P., M.L. Hunter, and E.J. Sterling. 2008 (second edition). *Problem Solving in Conservation Biology and Wildlife Management: Exercises for Class, Field, and Laboratory*. Malden, MA: Blackwell Science, Inc.

Gibbs, J.P., C. Marquez and E.J. Sterling. 2007. The role of endangered species reintroduction in ecosystem restoration: Tortoise-cactus interactions on Española Island, Galápagos. *Restoration Ecology* 16(1): 88-93.

Mendez, M., A. Gomez, N. Bynum, R. Medellin, A.L. Porzecanski, and E.J. Sterling. 2007. Availability of formal academic programs in conservation biology in Latin America. *Conservation Biology* 21(6): 1399-1403.

Sterling, E.J. 2007. Blue Planet Blues. *Natural History* (November 2007) pp. 29-31.

Sterling, E.J., and M. Camhi. 2007. Sold Down the River. *Natural History* (November 2007) pp. 40-45.

McCreless, E.M. and E.J. Sterling. 2006. Die Rolle von naturhistorischen Museen bei der Erhaltung der Biodiversität [The role of natural history museums in biodiversity conservation]. *Bioskop* (Austria; August 2006): 27-30.

Sterling E.J., N. Bynum, J.P. Gibbs and A.L. Porzecanski. 2006.

Construyendo capacidades para la conservación de la biodiversidad en países tropicales: la Red de Educadores y Profesionales de la Conservación (REPC). *Ambiente y Desarrollo (Chile)* 11(2): 40-46.

Sterling, E.J., M.M. Hurley, and Le Duc Minh. *Vietnam: A Natural History*. 2006. New Haven, CT: Yale University Press.

Sterling, E.J. and E.M. McCreless. 2006. Adaptations in the Aye-aye: A Review. In: *Lemurs: Ecology and Adaptation*. Edited by L. Gould and M.L. Sauter. pp. 159-184. Springer.

Johnson, E. A. and M. W. Klemens, eds. 2005. *Nature in Fragments: The Legacy of Sprawl*. Sterling, E.J., Series Editor. Columbia University Press, New York.

Sterling, E.J. and M.M. Hurley. 2005. Conserving biodiversity in Vietnam: applying biogeography to conservation research. *Proceedings of the California Academy of Sciences* 56, Supplement I (9)90-105.

Turner, W., S. Spector, N. Gardiner, M. Fladland, E.J. Sterling, and M. Steininger. 2003. Remote sensing for biodiversity science and conservation. *Trends in Ecology and Evolution* 18(6):306-314.

Sterling, E.J., M.M. Hurley, and R. Bain. 2003. Vietnam's secret life. *Natural History* 112(2):50-59.

Turner, W. and E.J. Sterling, eds. 2001. Special Section: Contributions of Remote Sensing to Biodiversity Conservation: A NASA Approach. *Conservation Biology* 15:832-953.

Turner, W., E.J. Sterling, and A.C. Janetos. 2001. Introduction: Contributions of Remote Sensing to Biodiversity Conservation: A NASA Approach. *Conservation Biology* 15:832-834.

Brumbaugh, D.R. and E.J. Sterling 2001. Finally, a new toolbox for conservation biology? *Ecology* 82 (5):1495-1496.

RECENT ARTICLES IN REFEREED EDUCATIONAL MATERIALS, AVAILABLE FROM NCEP.AMNH.ORG (2003-2008)

- Sterling, E.J. and M.R. DeJong. 2008. *Scientific Writing. Synthesis*. Network for Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History.
- Sterling, E.J., J. Ginsberg, and K.A. Roosenburg. 2008. *Scientific Writing: Reviewing Scientific Writing. Exercise and Solution*. Network of Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History
- Sterling, E.J. and M.R. DeJong. 2008. *Scientific Writing: Preparing an Abstract. Exercise and Solution*. Network for Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History.
- Sterling, E.J. and K.A. Roosenburg. 2008. *Scientific Writing. Presentation*. Network for Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History.
- DeJong, M.R., E.J. Sterling, and K.A. Roosenburg. 2008. *Scientific Writing: Skills for Researching Scientific Papers. Exercise and Solution*. Network of Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History.
- Roosenburg, K.A. and E.J. Sterling. 2008. *Scientific Writing. Presentation Notes*. Network for Conservation Educators and Practitioners, Center for Biodiversity and Conservation, American Museum of Natural History.
- Naro-Maciel, E., E.J. Sterling, and M. Rao. 2007. *Protected Areas and Biodiversity Conservation I: Reserve Planning and Design, Synthesis, Presentation and Notes*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Rao, M., E. Naro-Maciel, E.J. Sterling and C. Filardi. 2007. *Protected Areas and Biodiversity Conservation II: Management and Effectiveness, Synthesis, Presentation, Notes and Exercise*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Harrison, I.J., M.F. Laverty, and E.J. Sterling. 2003. *What is Biodiversity? Synthesis*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Harrison, I.J., Bynum, E.L., M.F. Laverty, and E.J. Sterling. 2003. *What is Biodiversity? Presentation and notes*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Laverty, M.F., E.J. Sterling and E.A. Johnson. 2003. *Why is Biodiversity Important? Synthesis*. Network for Conservation Educators and Practitioners, American Museum of Natural History.

- Laverty, M.F., E.J. Sterling and E.A. Johnson. 2003. *Why is Biodiversity Important? Presentation and Notes*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Laverty, M. E. J. Sterling and G. Cullman. 2003. *The Importance of Biodiversity to Everyday Life: Exercise and Solutions*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Domroese, M.C., C. Fialkowski, and E. J. Sterling. 2003. *Student-Active Teaching for Biodiversity Conservation: Synthesis*. Network for Conservation Educators and Practitioners, American Museum of Natural History.
- Domroese, M.C., C. Fialkowski, E. J. Sterling, and G. Cullman. 2003. *Student-Active Teaching for Biodiversity Conservation: Presentation and Notes*. Network for Conservation Educators and Practitioners, American Museum of Natural History.

SPECIAL RECOGNITION/AWARDS

- SENCER Leadership Fellow, 2007-2008
Echoing Green Public Service Fellowship, 1994-1996
NATO Postdoctoral Fellowship, 1993-1994
G. Evelyn Hutchinson Fellowship, 1991-1992
John W. Mellon Fellowship, 1991-1992
Fulbright Fellowship, 1989-1991
Yale Graduate School Fellowship, 1986-1990
Sterling Fellowship for Graduate Study, 1986
Sigma Xi Scientific Research Society Member, 1983-present
Dean's Cup, Ezra Stiles College, Yale University, 1983