

MADDALENA BEARZI

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EDUCATION

- POSTDOCTORAL FELLOW, MARINE ECOLOGY & OUTREACH EDUCATION 2003 – 2004
University of California Los Angeles,
California
The primary objective of the appointment was to create and develop innovative programs on “*Polar Ecosystems*”.
- Ph.D., BIOLOGY 1998 – 2003
University of California Los Angeles,
California
Dissertation research focused on the ecology of marine mammals in Santa Monica Bay, California.
- BACHELOR OF SCIENCE DEGREE IN NATURAL SCIENCE 1985 – 1989
University of Padova Padova, Italy
Home range and homing of *Podarcis sicula campestris* (Reptilia, Lacertidae) in the Tombolo Reserve (Pisa, Italy).

MAJOR PROFESSIONAL INTERESTS

Marine Mammal & Sea Turtle Ecology, Conservation and Management
Public Awareness, Education and Capacity Building on the Sustainable Use of Marine Resources
Science and Nature Journalism

EXPERIENCE IN ECOLOGY AND CONSERVATION

- OCEAN CONSERVATION SOCIETY WINTER 1998 – PRESENT
Co-Founder and President Los Angeles, California
Obtaining funding for marine research projects by seeking grants, contributions, and sponsorships; increasing public awareness of the problems facing marine ecosystems through development and dissemination of educational materials; providing volunteer field programs and internships; conducting marine mammal studies (including behavior, photo-ID, etc).
- UNIVERSITY OF SOUTHERN CALIFORNIA 2002 – 2004
Visiting Student Los Angeles, California
Collaborative review study on “Dolphins and African Apes: Comparisons of Sympatric Ecology” with Dr. C. Stanford (Anthropology Department, University of Southern California).
- ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE JUNE 2000, JUNE 2007
Credited student Redlands, California
Participant in credited ESRI course encompassing practical scientific application of Arcview GIS (2000) and ArcGIS I (2007).
- TETHYS RESEARCH INSTITUTE 1992 – 1999
Director and Principal Investigator, Yucatan Project Yucatan, Mexico
Studying the ecology of sea turtles (*Eretmochelys imbricata*, *Chelonia mydas*) and bottlenose dolphins (*Tursiops truncatus*) in the Rio Lagartos Biosphere Reserve and the El Palmar State Reserve (Yucatan, Mexico). Conduct photo-ID and behavioural study on bottlenose dolphins. This project helped to build local awareness and capacity for conservation through education and outreach, and developed guidelines for the protection of sea turtles in the area. Responsible for

training research assistants, conducting field lectures and field coordination. Also responsible for authoring technical reports, work plans and funding proposals.

MARINE TURTLE CONSERVATION AND RESEARCH PROGRAM 1992 – 1998
Vice-President, Chelon Rome, Italy
Chelon (Marine Turtle Conservation and Research Program) is a non-profit organization studying conservation and management of sea turtles in Italy and dedicated to increasing public awareness of the problems facing these marine reptiles through the development and dissemination of educational and conservation programs.

TETHYS RESEARCH INSTITUTE 1990 – 1998
Principal Investigator Milan, Italy
Sea turtle surveys in Greece and Italy; cetacean research (behavior and photo-ID) in the Venezuelan, Dominican, and Martinique waters of the Caribbean Sea and in the Adriatic Sea. Also responsible for training volunteers.

UNIVERSITY OF PADOVA 1989 – 1990
Research Assistant, Environmental Analysis Program Padova, Italy
Involved in environmental impact studies in mountain regions of Northern Italy.

UNIVERSITY OF PARMA 1986 – 1991
Research Assistant Parma, Italy
Involved in ecological investigations on different species of reptiles in Tuscany (Italy) and study on migratory pigeons in Sardinia (Italy) under the supervision of Dr. E. Baldaccini.

TEACHING EXPERIENCE

UNIVERSITY OF CALIFORNIA WINTER 2007
Lecturer, Workshop for UCLA Extension (Marine Mammals in Our Backyard) Los Angeles,
California

UNIVERSITY OF CALIFORNIA SPRING 2006
Lecturer, UCLA Extension (Oceans: New Frontiers) Los Angeles,
California

UNIVERSITY OF CALIFORNIA WINTER 2003 – 2004
Lecturer, UCLA Extension (Dolphins, Whales and Seals: The Fascinating World of Los Angeles,
California
Marine Mammals)

UNIVERSITY OF CALIFORNIA WINTER 2003 – 2004
Scientific Supervisor, OBEE 199I (Independent Projects) Los Angeles,
California

UNIVERSITY OF CALIFORNIA FALL 2003 – 2004
Lecturer, OBEE C109 (Introduction to Marine Biology) Los Angeles,
California

UNIVERSITY OF CALIFORNIA SPRING 2003 – 2004
Scientific Supervisor, OBEE 195 (Independent Projects) Los Angeles,
California

UNIVERSITY OF CALIFORNIA WINTER 2002 – 2003
Lecturer, OBEE 98T (Marine Mammals: Their Ecology and Conservation) Los
Angeles, California

UNIVERSITY OF CALIFORNIA <i>Scientific Supervisor, OBEE 1991 (Independent Projects)</i> California	SPRING 2001– 2002 Los Angeles,
UNIVERSITY OF CALIFORNIA <i>Teaching Assistant, OBEE 25 (Oceans)</i> California	SPRING 2000 – 2001 Los Angeles,
UNIVERSITY OF CALIFORNIA <i>Teaching Assistant, Life Science I</i>	SPRING 1999 – 2000 Los Angeles, California
UNIVERSITY OF CALIFORNIA <i>Teaching Assistant, OBEE 123, 102, 148, 163 (Marine Biology Quarter)</i>	FALL 1999 – 2000 Oahu, Hawaii

FELLOWSHIPS, GRANTS & AWARDS

2007	ESRI grant (ArcGIS I course & software)
2006-2007	Santa Monica Bay Restoration Commission Grant to OCS (\$ 223,00.00)
2003-2004	Professional Development Award (\$ 600,00)
	UCLA Travel Grant, XLI Meeting Animal Behavior Society, Jun. 12-16, Oaxaca, Mexico (\$ 600.00)
	UCLA Postdoctoral Fellowship (\$ 18,700.00)
2003	Dr. Thomas James Memorial Fund Award (\$ 500,00)
2002-2003	Alumni Association Award, Outstanding Graduate Student and Chancellor's Service Award (\$ 500.00, Life Membership - UCLA Alumni Association)
	Collegium of University Teaching Fellows (\$ 5,340.00)
2002	OBEE Department Research Grant Support (\$ 332.00)
2001-2002	Charles E. and Sue K. Young Graduate Student Award (\$ 5,000.00)
	Coastal Environmental Quality Initiative Fellowship (\$ 50,000.00)
2001	OBEE Department Research Grant Support (\$ 1,000.00)
	Fishbaug Scholarship (\$2,000.00) and Adopt-a-Scholar (\$500.00), The Affiliates UCLA
2000-2001	Research Mentorship Fellowship, University of California, L.A. (\$ 19,874.00)
2000	ESRI grant (GIS courses, software, etc)
	Santa Monica Bay Restoration Project, educational grant (\$ 14,000.00)
1999	Award of Fellowship Support for the 1999-2000 academic year, UCLA, L.A. (\$
9,400.00)	
	UCLA Travel Grant, XIII Biennial Conference on the Biology of Marine Mammals, Nov. 27- Dec. 3, Maui, Hawaii (\$ 480.00)
1998	American Cetacean Society – L.A. Chapter grant (\$ 1,000.00)

INVITED PARTICIPATION IN SEMINARS, PRESENTATIONS & MEETINGS

2008	Invited speaker, American Cetacean Society-L.A. Chapter Monthly Meeting, San Pedro, CA.
	Invited speaker, Museum of Natural History of Los Angeles, Los Angeles, CA.
	Invited speaker, Skidaway Institute, Savannah, GA.
2007	Invited Speaker, California State University, Long Beach, CA.
2006	Invited Speaker, SCCRWP, Los Angeles, CA.
2005	Invited Speaker, Santa Monica Bay Restoration Commission, Los Angeles, CA.
	Invited speaker, Los Angeles Zoo, Los Angeles, CA.
	Invited speaker, American Cetacean Society-L.A. Chapter Monthly Meeting, San Pedro, CA.
2004	Invited speaker, Behavioral Ecology Monthly Meeting, UCLA, Los Angeles, CA.
2003	Invited lecturer, COSEE WEST (UCLA & USC lecture series), Los Angeles, CA.
2002	Invited lecturer, OBEE 98T, UCLA, CA.
2001	Invited speaker, Museum of Natural History of Los Angeles, Los Angeles, CA.
2000	Invited lecturer, OBEE Ocean 25, UCLA, CA.
	Invited lecturer, University of Southern California, Marine Biology Seminar, Los Angeles, CA.

- 1999 Invited speaker, American Cetacean Society-L.A. Chapter Monthly Meeting, San Pedro, CA.
1997 Invited speaker, OTS-Roundhouse Aquarium Annual Meeting, Manhattan Beach, CA.
1996 Invited speaker, Tethys Research Institute Annual Meeting, Milan, Italy.

SCIENTIFIC PUBLICATIONS & BOOKS

- Bearzi, M., S. Rapoport, J. Chau, and C. Saylan. In press. Skin lesions and physical deformities of coastal and offshore common bottlenose dolphins (*Tursiops truncatus*) in Santa Monica Bay and adjacent areas, California. *Ambio*.
- Bearzi, M. and C. Saylan. 2008. A hand-held, PDA based system for seabird data collection during cetacean surveys. *Journal of Marine Animals and Their Ecology* (1)1: 9-11.
- Bearzi, M., C. Saylan, and C. Barroso. 2008. Pinniped ecology in Santa Monica Bay, California. *Acta Zoologica Sinica* 54(1): 1-11.
- Bearzi, M. and C. Stanford. 2008. *Beautiful Minds: Great Apes, Dolphins and the Roots of Human Intelligence*. Harvard University Press. 300 pp.
- Bearzi, M. and C. Stanford. 2007. Dolphins and African apes: comparisons of sympatric socio-ecology. *Contributions of Zoology* 76(4): 235-254.
- Navarro, M.O. and M. Bearzi. 2007. Affect of Marine Mammals on Sport Fishery in the Santa Monica Bay, California. *Southern California Academy of Science Bulletin* 106 (3): 215-217.
- Bearzi, M. 2006. California sea lions use dolphins to locate food. *Journal of Mammalogy* 87(3): 606-617.
- Bearzi, M. 2005. Habitat partitioning by three species of dolphins in Santa Monica Bay, CA. *Southern California Academy of Science Bulletin* 104(3):113-124.
- Bearzi, M. 2005. Dolphin sympatric ecology. *Marine Biology Research* 1: 165-175.
- Bearzi, M. 2005. Aspects of the ecology and behaviour of bottlenose dolphins (*Tursiops truncatus*) in Santa Monica Bay, California. *Journal of Cetacean Research and Management* 7(1):75-83.
- Bearzi, M. 1996. Sea turtles in the El Palmar Reserve, Yucatan: A preliminary study. *Marine Turtle Newsletter*, 75: 18-20.
- Politi, E., M. Bearzi, G. Notarbartolo di Sciara, E. Cussino and G. Gnone. 1992. Distribution and frequency of cetaceans in the waters adjacent to the Greek Ionian Islands. *European Research on Cetaceans*, 6:75-78.

THESIS, REPORTS AND PRESENTATIONS

- Bearzi, M. 2005. Do sea lions follow dolphins to enhance their foraging success? Abstract, Proceedings of The XV Biennial Conference on the Biology of Marine Mammals, December 12-16, San Diego, California.
- Bearzi, M. 2003. Behavioral ecology of the marine mammals of Santa Monica Bay, California. Ph.D. Dissertation, University of California, Los Angeles. 239 pp.
- Bearzi, M. 2001. Observations on two species of common dolphins in the Santa Monica Bay, CA. Abstract, Proceedings of The 15th Annual Conference of the European Cetacean Society, May 6-10, Rome, Italy.
- Bearzi, M. 2001. Observations on two species of common dolphins in the Santa Monica Bay, CA. Abstract, Biology Research Symposium, UCLA Department of Organismic Biology, Ecology, and Evolution, May 14, Los Angeles, CA.

- Bearzi, M. 2001. Spatial habitat partitioning between three dolphin species in Santa Monica Bay, CA. Abstract, Proceedings of The XIV Biennial Conference on the Biology of Marine Mammals, November 28-December 4, Vancouver, British Columbia, Canada.
- Bearzi, M. 2000. First contribution to the knowledge of marine mammals in the Santa Monica Bay, California. Biology Research Symposium, Department of Organismic Biology, Ecology, and Evolution, University of California, May 9, 2000, Los Angeles, CA.
- Bearzi, M. and B. Steinmetz. 2000. Preliminary observations on marine mammals in the Santa Monica Bay, California. Abstract, Southern California Academy of Science, 2000 Annual Meeting, May 19-20, 2000, Los Angeles, CA.
- Bearzi, M. 1999. The Los Angeles Dolphin Project. Preliminary Report, Santa Monica Bay Restoration Project. 2 p.
- Bearzi, M. 1999. Data on marine mammals collected during inshore surveys in the Santa Monica Bay, California. Preliminary Report, Chambers & Ass. 8 p.
- Bearzi, M. 1999. Preliminary observations on marine mammals in the Santa Monica Basin, California. Abstract, Proceedings of The XIII Biennial Conference on the Biology of Marine Mammals, November 27-December 3, Maui, Hawaii.
- Bearzi, M. 1996. Sea turtles survey to evaluate the human impact in the influence area of salt extraction industry (Rio Lagartos, Yucatan, Mexico). Final Report, Industria Salinera de Yucatan, Mexico. 5 p.
- Bearzi, M. 1996. The El Palmar Project in the Yucatan Peninsula. Universidad Campechana, IX Taller Regional sobre Programas de Conservacion de Tortugas Marinas en la Peninsula de Yucatan, 7-10 February 1996, Campeche, Mexico.
- Bearzi, M. 1996. Bottlenose dolphins in El Palmar and Rio Lagartos Reserves (Yucatan, Mexico): a preliminary study. Proceedings of The American Cetacean Society Conference, 8-11 November 1996, San Pedro, CA.
- Bearzi, M. 1992-93. The Yucatan sea turtle project. Tethys Research Institute Technical Report TRI 94-01: 8.
- Bearzi, M. 1991. Il programma vertebrati. Proceedings 12th National Conference of the Scientific Museum Italian Society. Pordenone, Italy, 31 May-2 June, 1991.
- Bearzi, M. 1989. Osservazioni sull'estensione dell'home range e sulle capacità di homing in *Podarcis sicula campestris* De Betta, 1857 (*Reptilia, Lacertidae*) all'interno dell'area di Tombolo (Pisa). Tesi di laurea in Scienze Naturali. Università degli Studi di Padova. 145 pp.
- Foà, A., M. Bearzi and N.E. Baldaccini. 1989. Homing and home range in *Podarcis sicula* (*Reptilia, Lacertidae*). Proceedings 13th Symposium of the Italian Ethology Society. Perugia, Italy, 19-22 May, 1989.

REFERENCES

Dr. William Hamner
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