

# SANDRA POMPA MANSILLA

## Curriculum Vitae

Sandra holds a PhD in ecology from the National Autonomous University of Mexico. She is currently conducting postdoctoral studies at the Autonomous University of Sinaloa. She worked for the Mexican Fund for the Conservation of Nature in the Fund for Natural Protected Areas as an assistant coach and as a program officer in the Mesoamerican Reef Leadership Program. Sandra has taught workshops on communication, leadership, teamwork, fundraising and conservation education, directed to park rangers in several Mexican Natural Protected Areas. She recently attended the Sea Kayaking Leadership course offered by the National Outdoor Leadership School (NOLS) and is certified as an instructor of the Leave No Trace program of low impact camping. Sandra works with fishermen and is a volunteer within the Natural Protected Areas Program.

**Areas of expertise:** Biology, biodiversity, ecology and conservation of marine organisms, use and conservation of natural resources and ecosystems, conservation education, fundraising, leadership skills, communication and organizational development.

**AGE:** 35

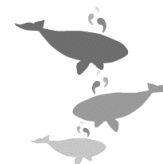
**NATIONALITY:** Mexican

**CIVIL STATE:** Single

**CONTACT:**

(+52669) 1550268

sandrapompa@yahoo.com



### 1. ACADEMIC FORMATION

#### **BACHELOR'S DEGREE**

INSTITUTION: Universidad Nacional Autónoma de México (UNAM)

WHEN: 1999 - 2003

TITLE: Biologist

#### **MASTER'S DEGREE**

INSTITUTION: Universidad Nacional Autónoma de México (UNAM)

WHEN: 2004 - 2008

TITLE: Master in Biology (Environmental Sciences)

#### **PhD**

INSTITUTION: Universidad Nacional Autónoma de México (UNAM)

WHEN: 2000 - 2012

TITLE: PhD in Biology (Environmental Sciences)

#### **POSTDOC RESEARCH**

INSTITUTION: Universidad Autónoma de Sinaloa (UAS)

WHEN: 2013 - 2014

#### **MEMBER OF THE NATIONAL RESEARCH SYSTEM**

WHEN: Since 2014

### 2. LANGUAGES

**English** 100%   **Spanish** 100%   **French** 60%   **Portuguese** 60%

### 3. COURSES

7th European Seminar on Marine Mammals:  
Biology and Conservation

September 2008

Bioconservación

July-December de 2007

Mexico's Natural Resources

July-December de 2007

Built-in management of Mexico's Natural  
Resources

July-December de 2008

Emerging Fisheries Research & Management

Tools for Latin America

January 2014

NOLS Sea Kayak Leadership and Leave No Trace  
Course

February 2014

#### 4. TEACHING

- Lectured "[Sustainable Economy](#)" to students in 2nd and 4th semester Economics at the National Polytechnic Institute (December 2009).
- Taught the course of [Bioconservation](#) with Dr. Rodrigo Medellín Dr. Gerardo Ceballos four times in the life sciences post-graduate program at UNAM (2007-2010).
- [Associate field trip Professor](#) for the Lancaster school to Punta de Mita, Nayarit (March 2009, January 2010 and February 2011). Biology and Chemistry Teacher at Lancaster School AC (February to July 2011).
- Project Manager for [Environment and Organic Gardening](#) in Lancaster School (February to July 2011).

#### 5. COLLABORATIONS

- Worked in the [SPLASH](#) (Structure of Populations, Levels of Abundance, and status of Humpbacks [\[1\]](#)), international project in 2005 in the Bahía de Banderas (Nayarit, Jalisco, Mexico) and in 2006 in the Revillagigedo Islands (Colima, Mexico) both in field work as enclosure.
- Published in 2009 two pictures in the book "[Naturaleza Mexicana](#)" edited by G. Ceballos and collaborators and TELMEX.
- Collaborated with Michael Fishbach and [EcoInteractions](#) in an international conservation proposal in the Gulf of California.
- Invited on October 1<sup>st</sup> to assess Strategic Innovative Projects (Proyectos Innovadores Estratégicos; PIEs) of the 2010 Call for proposals by the Fondo de Áreas Naturales Protegidas (FANP), the [Natural Commission on Natural Protected Areas](#) and [The Natural Fund for the Conservation of Nature](#) (FMCN).
- I collaborate with [National Geographic](#) with translation and as an advisor to several texts.
- In May 2010 I did a Research Internship at the Environmental Research Division (ERD) in the Southwest Fisheries Science Center (SWFSC) under [National Oceanographic and Atmospheric Administration](#) (NOAA) in Pacific Grove, California, E. U.
- Together with the [Comisión Nacional para el Conocimiento y Uso de la Biodiversidad](#) (CONABIO), we are publishing a chapter in a conservation book on Bahía de Banderas biodiversity (2011).
- Invited on February 2012 to assess Strategic Innovative Projects (Proyectos Innovadores Estratégicos; PIEs) of the 2010 Call for proposals by the Fondo de Áreas Naturales Protegidas (FANP), the [Natural Commission on Natural Protected Areas](#) and [The Natural Fund for the Conservation of Nature](#) (FMCN).
- I'm [tutoring/mentoring](#) Lucero Muzquiz's bachelors dissertation (biology student at the Sciences Faculty at UNAM) on conservation and natural protected areas.
- In June 2012 I taught the workshop on "[Fundraising](#)" at the 2012 meeting of the Learning Community for Protected Areas, a joint initiative of the National Commission of Natural Protected Areas (CONANP) and the Mexican Fund for the Conservation of Nature (FMCN).
- In August of 2012 I taught workshops "[Team Cohesion](#)" and "[Fundraising](#)" in Cuatro Ciénegas National Protected Area (CONANP).
- In September of 2012 I facilitated the workshop "[Network of Ejidal Businesses](#)" to Reforestamos Mexico AC
- In December of 2012 I taught the workshop "[Leadership and Communication](#)" in Meseta de Cacaxtla and La Michilía Natural Protected Areas (CONANP).
- In March of 2013 I taught alongside Oscar Guzón the course "[Sinaloa's Flora and Fauna](#)" at request of ICATSIN (Job Training Institute of Sinaloa).
- In July 2013 I taught the course "[Education for Conservation](#)" for several Natural Protected Areas volunteers (CONANP).

#### 6. WORK EXPERIENCE

- [Photographer](#) Gabriel Figueroa Flores' assistant (1999-2000)
- Organised in February 2007, along with the Biól. Ma. José Villanueva and at the request of Dr. Rodrigo Medellín, a *whale-watching trip* to the Board of Governors of the [Society for Conservation Biology](#) in the Bahía de Banderas (Nayarit-Jalisco, Mexico).
- Actively participated with the National Evaluation Center (CENEVAL) in Mexico City with several tests.
- Co-founder and responsible of the contents of EcoTips ([www.ecotips.com.mx/eco](http://www.ecotips.com.mx/eco) and <https://www.facebook.com/Ecotips>)

Co-ator and member of the editorial committee of the book “Atlas of Mexico’s Mammals”, to be soon published

- **Director of Communications** of the Latin America and Caribbean Section (LACA<sup>1</sup>) of the Society for Conservation Biology (SCB) (2009-2011 and 2013-2015).
- **Technical assistant** in the Conservation Program for Natural Protected Areas of the Mexican Fund for the Conservation of Nature<sup>2</sup> (February-September 2011)
- **Project Officer** in the Mesoamerican Reef Leadership Program<sup>3</sup> of the Mexican Fund for the Conservation of Nature (September 2011 to December 2012).
- Marine Mammal expert field-trip guide at **ONCA Explorations** (<http://oncaexplorations.com/site/>) (December 2012 – May 2013)
- **Postdoctoral Research** fellow at the Autonomous University of Sinaloa (UAS) with the project “Management actions for the conservation of fisheries resources in the coast of Sinaloa” (August 2013 - June 2014).

## 7. Interviews

- October 2009 for the newspaper **REFORMA** supplement UNIVERSITARIOS on my trajectory and passion for biology within the Society For Conservation Biology (SCB).
- August 2010 in the newspaper “El Universal” for EcoTips’s launching.
- Channel **TVC** on ecological news for TV on July 2010.
- Radio interview in **RadioRed** for the show “The Green Interview” because of EcoTips achievements and the Environmental project at the Lancaster School (May 2011).
- Radio and TV interview in **RadioRed** for the show “The Green Interview” and “Green TV” because of the MAR Leadership Program’s achievements (September 2012).

## 8. CONGRESS AND SYMPOSIA

- **2004. 3er. Simposium de Ballena Jorobada en la Bahía de Banderas.** Puerto Vallarta, Jal., México.
- **2005 - 16º Biennial on the Biology of Marine Mammals.** San Diego, Cal., Estados Unidos. “Geographic variation in skull morphology of *Delphinus delphis* y *D. capensis* in the eastern tropical Pacific”.
- **2006. Primera Reunión Internacional Sobre el Estudio de Mamíferos Acuáticos SOMEMMA-SOLAMAC.** Mérida, Yuc., México. “Variación geográfica en la morfometría craneal de *Delphinus delphis* y *D. capensis* en el Pacífico Oriental Tropical”.
- **2007. 17º Biennial on the Biology of Marine Mammals.** Cape Town, Sudáfrica. “Habitat use, residence patterns and population structure for the genres *Kogia* and *Steno* in Bahía de Banderas, Mexico” y “Global patterns in marine mammal distributions: hotspots, coldspots, and the implications for conservation”.
- **2009. Annual Meeting of the Society for Conservation Biology.** Beijing, China. “Global patterns in marine mammals: implications for conservation”.
- **2009. 10<sup>th</sup> International Mammalogical Congreso.** Mendoza, Argentina. “Global patterns in marine mammals: macroecology and its implications for conservation”.
- **2009. 18º Biennial on the Biology of Marine Mammals.** Québec, Canadá. “Global patterns of marine mammals: implications for conservation”.
- **2011. 2º International Marine Conservation Congress.** Victoria, BC, Canadá. “Marine mammal’s distribution patterns: implications for conservation”.
- **2011 2º International Conference on Marine Mammal Protected Areas.** Fort de France, Martinique. “Conservation planning tools available for MMPAs: assumptions, strengths and weaknesses”.
- **2013 26º International Congress for Conservation Biology.** Baltimore, Mariland, USA. “Mesoamerican Reef Conservation: A New Generation of Leaders in the Caribbean”.
- **2014 4to Encuentro del Proyecto Manejo Compartido por Cuotas<sup>4</sup>.** Environmental Defense Fund (EDF); La Paz, B.C.S., Mexico.
- **2014 2nd International Workshop of the Latin American Fisheries Fellows Program<sup>5</sup>.** Bren School of Environmental Science & Management, University of California, Santa Barbara. La Paz, B.C.S., México.

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<sup>1</sup> <http://www.conbio.org/groups/sections/latin-america-caribbean/board>

<sup>2</sup> <http://fmcn.org/?lang=en>

<sup>3</sup> <http://liderazgosam.org/?lang=en>

<sup>4</sup> <http://proyecomcc.org.mx/eventos-e-intercambios/eventos-antiores/4to-encuentro-del-proyecto-mcc/>

<sup>5</sup> [http://www.bren.ucsb.edu/admissions/LAFF\\_academic\\_programs.htm](http://www.bren.ucsb.edu/admissions/LAFF_academic_programs.htm)

– 2014 *Annual Meeting of the Western Division of the American Fisheries Society*, Mazatlán, Sinaloa. “Building a responsible fishery: The on-going story of Barra’s fishermen”.

## 9. PUBLICATIONS

### SCIENTIFIC

- Ceballos, G., S. Pompa, E. Espinoza y A. García. 2010. Extralimital Distribution of Galapagos (*Zalophus wolfebaeki*) and Northern (*Eumetopias jubatus*) Sea Lions in Mexico. *Aquatic Mammals* **36(2)**:188-194.
- Pompa S., M. J. Vázquez y L. Medrano. Distancia geográfica y variación craneométrica de *Delphinus spp.* en el Pacífico Oriental tropical; en 60 Años de la Colección Nacional de Mamíferos del Instituto de Biología, UNAM. 2009. Instituto de Biología, UNAM. p. 109-122.
- Pompa S., P. Ehrich y G. Ceballos. 2011. *Global distribution and conservation of marine mammals*. PNAS: [www.pnas.org/cgi/doi/10.1073/pnas.1101525108](http://www.pnas.org/cgi/doi/10.1073/pnas.1101525108)
- Pompa S., P. Ehrich y G. Ceballos. 2012. Reply to Wiersma and Nudds: *Despite constraints, our approach still best available*. PNAS: [www.pnas.org/cgi/doi/10.1073/pnas.1119266109](http://www.pnas.org/cgi/doi/10.1073/pnas.1119266109)
- Davidson, *et al.* 2012. Drivers and hotspots of extinction risk in marine mammals. PNAS: <http://www.pnas.org/cgi/doi/10.1073/pnas.1121469109>

### OUTREACH

- “Seres Abisales”; *OTREDAD*, Año 1 No. 1. (<http://revistaotredad.com/>)
- “Qué son los servicios ambientales” en colaboración con L. Martínez y C. Equihua. *¿Cómo Ves?* Año 12, No. 144, p. 30.
- Pompa S. 2011. Conservación de cetáceos marinos: nuevas tecnologías y herramientas. *Boletín Aluna* (Boletín oficial del proyecto de conservación de aguas y tierras ProCAT). Vol. 4(1); p. 40. [http://www.procat-conservation.org/casillero5/Vol\\_4\\_Num\\_1.pdf](http://www.procat-conservation.org/casillero5/Vol_4_Num_1.pdf)

