

Full name:

Edgard David Mason Romo

Birthdate:

January 10, 1981

Place of birth:

Mexico City

Military service.

Completed

Passport.

Valid until 2023.

Formal studies:

Elementary School.

Colegio Jean Piaget
Cuernavaca, Morelos, Mexico.

Junior High School.

Centro Universitario Americano del Estado de Morelos (CUADEM).
Cuernavaca, Morelos, Mexico.
1993-1996.
Average: 8.4

High School.

Centro Universitario Americano del Estado de Morelos (CUADEM).
Cuernavaca, Morelos, Mexico.
1996-1999.
Average: 9.1

Higher education.

Autonomous University of Morelos State.
Biological Sciences Faculty.
Biology
Graduated December 2005
1999-2005.
Average: 8.9

Thesis: Effects of habitat disturbance and climatic seasonality in the diet of the Mexican spiny mouse *Liomys irroratus* (Gray, 1898) in a dry forest in southern Morelos, Mexico. Director: Dr. David Valenzuela Galván

A six months academic exchange in the Autonomous University of Baja California Sur.
January 2001- July 2001. Average: 9.2

Postgraduate studies

Master's degree

National Autonomous University of Mexico.
Institute of Ecology
Master of Biological Sciences, specializing in Environmental Biology.
Degree obtained on April 16, 2009
Average: 9.45

Thesis: Long-term spatio-temporal dynamics of the small mammals of the Chamela-Cuixmala
Biosphere Reserve, Mexico.
Director: Dr. Gerardo Ceballos González

Doctoral degree

National Autonomous University of Mexico.
Institute of Ecology
Doctorate in Biological Sciences.
Obtained on the 15th of March, 2018.

**Thesis: Long-term ecology of populations and assemblages of small mammals in a
seasonal forest in western Mexico.**

Advisor: Dr. Gerardo Ceballos González

Diploma

**XV Diploma in Sciences communication
General Directorate for the Science communication, UNAM.
January 2010 to December 2010. Average: 9.2**

Languages.

100% English
Anglo-American Higher Institute.
Level: **High advanced D** (complete).
1995-2000.
Endorsed by SEP.

January 2000- November 2000

Berlitz.
Basic **french** course.

Anglo-American Higher Institute
English teacher
Teacher's Diploma Course.
Rating B.
February to May 1999.
Endorsed by SEP.

Publications

Mason-Romo, E., Rendón, G. y Valenzuela, D. (2009). Primer registro del pecarí de collar (*Tassayu tajacu*) en el Estado de Morelos. *Revista Mexicana de Mastozoología* 12.

Martínez, L., **Mason-Romo, E.** y Ceballos, G. (2010). Islas Marías (pp. 433-440), en Ceballos, G. *et al.* Diversidad, amenazas y áreas prioritarias para la conservación de las selvas secas del Pacífico de México. CONABIO-CFE.

Mason-Romo, E., Martínez, L. y Santana, E. (2010). Sierra de Manantlán, Jalisco y Colima (pp. 447-454) en Ceballos, G. *et al.* Diversidad, amenazas y áreas prioritarias para la conservación de las selvas secas del Pacífico de México. CONABIO-CFE.

Mason-Romo, E. D., Farías, A. A., & Ceballos, G. (2017). Two decades of climate driving the dynamics of functional and taxonomic diversity of a tropical small mammal community in western Mexico. *PloS one*, 12(12), e0189104.

Mason-Romo, E. D., Ceballos, G., Lima, M., Martínez-Yrizar, A., Jaramillo, V. J., & Maass, M. (2018). Long-term population dynamics of small mammals in tropical dry forests, effects of unusual climate events, and implications for management and conservation. *Forest Ecology and Management*.

(<https://doi.org/10.1016/j.foreco.2018.05.058>)

Publications in process

Mason-Romo, E. Munguia-Steyer, R. and Ceballos, G. (In preparation) Long-term demography of small mammals from two contiguous tropical dry forests in Mexico.

Mason-Romo, E. Valenzuela, D. (In preparation). Effects of climatic seasonality and disturbance on the diet of *Liomys pictus*.

Others

Deputy Editor of *Revista Mexicana de Mastozoología* of the Mexican Mastozoology Association. Since 2007

Scientific Advisor of the book: Ceballos et al., (2008) *Mexican Nature: conservation legacy*. Telmex

Technical reviewer of the book: Ceballos et al., (2009) *Biological Diversity of the State of Mexico, case study*. CONABIO

Referee in: Gama *et al.*, (2011) *Perspectivas en Primatología Mexicana*.
Universidad Juárez Autónoma de Tabasco.

Reviewer of *Revista Mexicana de Biodiversidad* since 2014

Courses and congresses as speaker.

V Exhibition of Posters "The Institute of Biology through its posters and publications" Catalog of anatomical-foliar characteristics of herbaceous plants of the Sierra de Huautla, Morelos, Mexico.

Poster. December 2004

VII National Mastozoology Congress

Effects of habitat disturbance and climatic seasonality on the diet of the Mexican spiny mouse *Liomys irroratus* (Gray, 1898) in a dry forest of southern Morelos, Mexico.

Oral presentation. November 2004

XVI Mexican Botanical Congress

Catalog of anatomical-foliar traits of herbaceous plants of the Sierra de Huautla, Morelos, Mexico. Poster. October 2004

VII Congress of the Mesoamerican Society for Biology and Conservation
Diet of *Liomys irroratus* in a dry forest of Mexico: relation with disturbance and seasonality.

Oral presentation Chiapas, Mexico. November 2003

Second congress of the CEAMISH.

Effects of habitat disturbance and climatic seasonality on the diet of the Mexican spiny mouse *Liomys irroratus* (Gray, 1898) in a dry forest of southern Morelos, Mexico. Oral presentation.

53rd meeting of the Southwestern Association of Naturalists, binational meeting Mexico-United States. Colima, from April 12 to 15, 2006.

Guide of anatomical-foliar characters of herbaceous plants of the Sierra de Huautla, Morelos, Mexico as support for the study of the diet of mammalian herbivores.

XVI Congress of the Mexican Botanical Society, October 17-21, 2004.

Does *Liomys irroratus* change its menu in relation to the season or the disturbance in a dry forest?: final results.

Presented as first author.
VII National Congress of Mastozoology.
San Cristóbal de las Casas, Chiapas, 2004

Long-term spatio-temporal dynamics of the small mammals of the Chamela-
Cuixmala Biosphere Reserve. Poster.
IX National Congress of Mastozoology, September 22 to 26, 2008.

Organizer and speaker of the symposium: The challenges of ecology in the 21st
century: the conservation of landscapes dominated by human activities, with the
talk entitled: The effects of global climatic phenomena on rodents in lowland
Mexican forests and their implications in the conservation.
II Mexican Congress of Ecology: ecology in times of global change, November 16-
21, 2008.

Long Term Population Dynamics of Small Mammals of The Coast of Jalisco,
Mexico. Oral presentation. 56th Annual Meeting of the Southwestern Association of
Naturalists. April 23-25, 2009. Monterrey, Mexico

Long Term Population Dynamics of Small Mammals of The Coast of Jalisco,
Mexico. Poster. 10th International Mammalogical Congress, Mendoza, Argentina.
9-14 August 2009.

Long-term analysis of the functional diversity of mice from Chamela, Jalisco.
X Mexican Congress of Mastozoology and 1st Latin American Mastozoology
Congress. Poster.
Guanajuato, Guanajuato. September 20-24, 2010.

Long-term analysis of the functional diversity of mice from Chamela, Jalisco.
III Mexican Congress of Ecology.
Boca del Río, Veracruz. April 3-7, 2011

18 years of rodents demography from two dry tropical forests of Mexico.
XII National Congress of Mastozoology
Puebla, Puebla, October 27 to 31, 2014

Functional diversity factors of small mammals of two adjacent dry tropical forests in
western Mexico
V Mexican Congress of Ecology
San Luis Potosí, SLP., From April 19 to 24, 2015

Functional diversity factors of small mammals of two adjacent dry tropical forests in western Mexico

XIII National Congress of Mastozoology
October 24-28, 2016, in Tuxtla Gutiérrez, Chiapas.

Long-term ecology of the small mammals of Chamela
4th colloquium on natural wealth and society; Chamela-Cuixmala Biosphere Reserve and the Pacific Coasts.

Auditorium Casita de la Ciencia, UNIVERSUM, UNAM
Mexico City November 17 and 18, 2016

Long-term population dynamics of tropical dry forest small mammals: global climate disruption and conservation AND

Two decades of climate driving the diversity of tropical small mammals
12th International Mammalogical Congress
Perth, Australia, July 9th to the 14th 2017

Long-term dynamics in the home range of the small mammals of Chamela.Cuixmala, Biosphere Reserve, Mexico.

XIV National Mastozoological Meeting
Mérida, Yucatán, México, October 15th to the 19th 2018

Collaboration with museums.

Collaboration with dissected and fresh specimens with the collections of birds and mammals of the, The Biological Research Center of the Autonomous University of Morelos State and support in the dissection of specimens of the collection Birds of the Museum of the Autonomous University of Baja California Sur.

Collaborator in the organization and assembly of the exhibition "Osteopathologies of Guaycuras in Baja California Sur", exhibited in the museum of the Autonomous University of Baja California Sur, during 2002. Curator responsible Biol. Luís Alberto Herrera Gil.

Coordinator of scientific research for the "Museo de la Fauna", Monterrey, Nuevo León, México. During 2018

Participation as an assistant to congresses and courses.

XXIX International Meeting for the Study of Marine Mammals.
May 2004. Organized by: Sociedad Mexicana de Mastozoología Marina A.C. Baja California Sur, Mexico.

Workshop: Main Histological and Histoanatomical Techniques and their Applications in Vegetal Anatomy. February 2004
Organized by the Vegetal Anatomy Laboratory of the Botanical Garden of the Institute of Biology of the UNAM, Mexico. D. F. Mexico.

Course: Biological Conservation. August, 2003.
Organized by: Autonomous University of Morelos State. Morelos, Mexico

Cycle of conferences "Science is Culture". February 2003.
Organized by: Autonomous University of Morelos State. Morelos, Mexico.

VI National Congress of Mastozoology. October 2002
Organized by: Asociación Mexicana de Mastozoología, A.C. Oaxaca, Mexico
II Shark Week at the UNAM.
July 2002. Organized by the Faculty of Sciences, UNAM. Mexico. D. F. Mexico.

1st Colloquium CEAMISH-IE / UNAM. "Evolutionary Biology. Selected Topics of Contemporary Ecology" July, 2002.
Organized by: Sierra de Huautla Environmental Education and Research Center, Autonomous University Morelos State. Morelos, Mexico.

VIII International Workshop-Course on Techniques Applied to the Conservation and Management of Wildlife. October 2001
Organized by: Autonomous University of Puebla, U.S. Fish & Wildlife Service and SEMARNAT. Puebla, Mexico

Sixth Course of the Edible Mushroom *Pleurotus* spp. On Lignocellulosic Residues.
November, 2000
Organized by: Center for Biological Research, Autonomous University of Morelos State. Morelos, Mexico.

First Regional Course of Herpetology. July 2000
Organized by: Autonomous University of Tlaxcala and the Regional Network of Biotic Resources. Tlaxcala, Mexico

Fourth Regional Course and Fifth of Mexico-United States Cultural Exchange.
Biology of Vertebrate Field. March, 2000
Organized by: The Regional Network of Biotic Resources, Oklahoma University, Autonomous University of Morelos State. Nayarit, Mexico

Assistance to courses as an instructor.

Workshop of Cultivation of Insectivorous Plants. April, 2005.
Organized by: The Botanical Garden of the Institute of Biology, UNAM and the Marymount School. Morelos, Mexico.

Main Histological techniques and their Applications in Anatomy.
September 2004
Organized by: Friends of the Botanical Garden Association and the Institute of Biology, National Autonomous University of Mexico.
D. F. Mexico.

Informal education.

Certified diver by SSI (Scuba Schools International) # 132L040030LA.
With specialties in: Stress & Rescue Diver, Deep Diving, Wreck Diving, Night & Limited Visibility Diver.
Since 2002.
With more than 25 dives.
La Paz, Baja California Sur, Mexico.

Certificate in basic first aid (PAB).
With CPR training and O² administration
Since 2004.
In La Paz, Baja California Sur, Mexico.

Scout affiliated to the Scouts Association of Mexico intermittently since 1991. In groups from Mexico City and Morelos.
Course of Wood Insignia (Instructor) in 2000-2001.

Pastimes

Observe birds.

Diving.

Read.

Abseiling.

To camp.

Handle car and motorcycle.

Work experience.

Administrative assistant of the General Direction of Centro Educativo Americano from 1999 to 2006.

English teacher for the Anglo-American Higher Institute during the second semester of the year 2001.

Biology teacher at secondary level at Centro Educativo Americano from 2006 to present.

Professor of Systematics at the Faculty of Biological Sciences of the Autonomous University Morelos State, since 2017 to present.

Field trips.

Among all the activities carried out during academic life, the following stand out:

Support to various projects with birds in the state of Morelos and in La Paz, Baja California Sur, with land and marine birds.

Collaboration with the Ornithology Laboratory of the Biological Research Center of the Autonomous University of Morelos State to register new species for the state, with emphasis on the central-southern part of the state.

Social Service, collecting information on whale sightings in La Paz bay and generating the corresponding maps in the Marine Mammal Laboratory of the Center for Research in Marine Sciences (CICIMAR) of the National Polytechnic Institute in La Paz Baja California Sur.

Multiple sampling of small and medium mammals in locations such as: Chamela-Cuixmala Biology Station, IB, UNAM, Sierra de Huautla Biosphere Reserve, Morelos, Tejupilco State of Mexico, Pueblo Juárez Colima, Tehuacán-Cuicatlan Biosphere Reserve

Infrared video recordings of all bat populations from 2014 to date in the Salitre cave, Tlaltizapán, Morelos.