



Patricia ILLOLDI-RANGEL

Home Country
Mexico

Degree
Post-Doctorate in
Biodiversity

Expertise
Emergent Diseases
and Conservation

Research Focus
Lyme Disease

Host University
The University of
Texas at Austin,
United States

Fellowship Awarded
2009

Patricia Iloldi-Rangel, the eldest of three siblings, was born and raised in Mexico City. She is married. She has traveled extensively throughout the United States and loves nature and the outdoors. Patricia received her undergraduate degree in biology at the National Autonomous University of Mexico (UNAM) in 1994 along with two awards for achieving the best grades during undergraduate studies.

While working as a biology teacher at the middle and high school levels, she earned her MSc in ecology at UNAM in 1998 and her PhD in biological sciences from the same institution in 2005. In addition, she earned her MSc from the Technological University of Monterrey in 2009, and she is now enrolled as a post-doctoral student at the Biodiversity and Biocultural Laboratory of The University of Texas at Austin in the United States.

Patricia's post-doctoral research focus is in the field of emergent diseases in Mexico. Using state-of-the-art technology such as remote sensing, climate change scenarios and niche modeling, she is working to identify potential areas where Lyme disease can appear. Using systematic conservation planning, she is also attempting to identify areas where potential reservoirs for Lyme disease can be found.

The results of her research may provide useful information about different climate change scenarios and actions to be taken in strategic health campaigns. Patricia is an experienced biology teacher in Mexico and intends to continue teaching in her chosen field.