

Luis J. Villanueva-Rivera, M.S.

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lvillanu@purdue.edu
research.CoquiPR.com
Cell: (765) 430-8662

Purdue University
Forestry and Natural Resources
715 West State Street
West Lafayette IN 47907-2061

Education	2007 – present. Doctor in Philosophy program – Department of Forestry and Natural Resources, Purdue University. West Lafayette, Indiana. 2006. Master of Science, concentration in Biology – Tropical Ecology Program . University of Puerto Rico. Río Piedras Campus. Puerto Rico. 1998. Bachelor of Science, concentration in Biology . University of Puerto Rico. Río Piedras Campus. Puerto Rico.
Papers published	Acevedo, M. A., C. J. Corrada-Bravo, H. Corrada-Bravo, L. J. Villanueva-Rivera, and T. M. Aide. 2009. Automated classification of bird and amphibian calls using machine learning: A comparison of methods . Ecological Informatics 4: 206-214. Villanueva-Rivera, L. J. 2007. Digital recorders increase detection of <i>Eleutherodactylus</i> frogs . Herpetological Review 38: 59-63. Villanueva-Rivera, L. J. 2006. Calling activity of <i>Eleutherodactylus</i> frogs of Puerto Rico and habitat distribution of <i>E. richmondi</i> . MS Thesis. University of Puerto Rico. Río Piedras Campus. Puerto Rico. Acevedo, M. A. and L. J. Villanueva-Rivera. 2006. Using automated digital recording systems as effective tools for the monitoring of birds and amphibians . Wildlife Society Bulletin 34:211-214. Villanueva-Rivera, L. J. and R. L. Joglar. 2001. <i>Eleutherodactylus cochranae</i>. Reproduction . Herpetological Review 32: 182. Villanueva-Rivera, L. J., R. L. Joglar, and F. C. Li-Objio. 2000. <i>Eleutherodactylus coqui</i>. Predation . Herpetological Review 31: 100.
Employment	August 2007 – present. Research Assistant . Human-Environment Modeling & Analysis Facility. Purdue University. September 2006 – August 2007. GIS Technician . Tropical Landscape Ecology Laboratory, University of Puerto Rico, Río Piedras.

Employment**(cont.)**

February 2006 – August 2007. **Co-Manager – Puerto Rico eBird.** <http://www.ebird.org/PR>. Conservation Trust of Puerto Rico and Cornell Lab of Ornithology.

August 2005 – August 2006. **Research Assistant – Landscape analysis program development and online GIS development.** Tropical Landscape Ecology Laboratory, University of Puerto Rico, Río Piedras.

August 1999 – June 2005. **Teaching Assistant – General Biology, Zoology, and Human Anatomy.** Department of Biology, Natural Sciences College, University of Puerto Rico, Río Piedras, PR

Computer Proficiency

Operating Systems: Windows; Linux; Mac OS

GIS: ArcGIS; ERDAS Imagine; GDAL/OGR

Office Suites: MS Office; OpenOffice

Languages: HTML; PHP; Python; SQL

Databases: MySQL

Statistical software: Minitab, R

Audio analysis and edition: Audition; Raven; Audacity

Grants, Awards and Fellowships

2010. **Travel award to attend SeaBASS - a Marine Bioacoustic Summer School.** Applied Research Laboratory at Penn State and the Office of Naval Research. June 2010.

2010. **NASA-MSU Professional Enhancement Award to attend the 2010 US-International Association of Landscape Ecology Symposium.** Athens, Georgia. April 2010.

2004. **Alexander Bergstrom Memorial Research Award.** Co-writer with M. Acevedo of the proposal "Comparing novel methods of digital recordings with traditional point-count surveys for rapid assessment of bird communities."

August 2003 – July 2004. **National Science Foundation - Experimental Program to Stimulate Competitive Research (NSF-EPSCoR) Graduate Fellowship.** University of Puerto Rico, Río Piedras, Puerto Rico.

December 2002 – December 2003. **West Indian Manatee outreach tour and educational material.** Co-writer and Coordinator of the Grant to the Caribbean Stranding Network. Toyota Foundation of Puerto Rico.

Other Courses	January 2004. Avanced Training in Research about Declining Amphibian Populations. Analysis Network of Threatened Neotropical Amphibians (RANA) and the Integrated Research Challenges in Environmental Biology (IRCEB). San José and La Selva Biological Station, Costa Rica.
Honors received	August 1996 – December 1998. Ronald E. McNair Post-Baccalaureate Achievement Program Scholar , School of General Studies, University of Puerto Rico, Río Piedras, Puerto Rico.