

**GONZALO M. VAZQUEZ-PROKOPEC**

Guest Researcher

**Emory University**

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[gmvazqu@emory.edu](mailto:gmvazqu@emory.edu)**Professional Preparation**

M.Sc.	2003	University of Buenos Aires (Argentina); Major: Biology/Ecology
Ph.D.	2007	University of Buenos Aires (Argentina); Major: Biology/Ecology
Post-doc	2008	Emory University, Atlanta, GA; Major: Ecology of Infectious diseases

**Appointments**

Guest Researcher	2009–	U.S. Centers for Disease Control and Prevention, Atlanta
Adjunct Faculty	2009–	Environmental Health, School of Public Health, Emory
Post-doc. Research Associate	2008–	Environmental Studies Emory University
Visiting Scholar	2005	University of Illinois at Urbana-Champaign

**Publications**

Total publications: 25. Book Chapters: 1

*(i) Five publications most closely related to the proposed project*

Paz-Soldan V.A., Stoddard S.T., **Vazquez-Prokopec G.M.**, Morrison A.C., Elder J.P., Kitron U., Kochel T.J., Scott T.W. 2010. Assessing and Maximizing the Acceptability of GPS Device Use for Studying the Role of Human Movement in Dengue Virus Transmission in Iquitos, Peru. *American Journal of Tropical Medicine and Hygiene* 82(4): 723–730.

Khan O., Davenhall D., Ali M., Castillo-Salgado C., **Vazquez-Prokopec G.M.**, Kitron U., Soares Magalhães R., Clements A. 2010. GIS and Tropical Medicine: A review. *Annals of Tropical Medicine and Parasitology* 104: 303–318.

**Vazquez-Prokopec G.M.**, Stoddard S.T., Paz-Soldan V., Morrison A.C., Elder J.P., Kochel T.J., Scott T.W. AND Kitron U. 2009. Usefulness of commercially available GPS data-loggers for tracking human movement and risk of dengue virus infection. *BMC International Journal of Health Geographics*, 8: 68.

Stoddard S.T., Morrison A.C., **Vazquez-Prokopec G.M.**, Paz-Soldan V., Kochel T.J., Kitron U., Elder J.P., Scott T.W. 2009. The Role of Human Movement in the Transmission of Vector-borne Pathogens. *Plos Neglected Tropical Diseases*, 3(7): e 481.

**Vazquez-Prokopec G.M.**, Cecere M.C., Kitron U., Gürtler R.E. 2008. Environmental and demographic factors determining the spatial distribution of *Triatoma guasayana* insylvatic and peridomestic habitats of rural northwestern Argentina. *Medical and Veterinary Entomology*. 22: 273–282.

*(ii) Five other significant publications*

**Vazquez-Prokopec G.M.**, Vandeng Eng J., Kelly R., Mead D., Kolhe P., Howgate J., Kitron U. and Burkot T. 2010. West Nile Virus Infection is Associated with Combined Sewage Overflow Streams in Urban Atlanta, Georgia. *Environmental Health Perspectives*. doi:10.1289/ehp.1001939

- Martin A.J., **Vazquez-Prokopec G.M.**, Page M. 2010. First Known Feeding Trace of the Eocene Bottom-Dwelling Fish *Notogoneus osculus* and its Paleontological Significance. *PLoS ONE* 5(5): e 10420.
- Cecere M.C., **Vazquez-Prokopec G.M.**, Ceballos L.A., Gurevitz J.M., Zárate J.E., Zaidenberg M., Kitron U., Gürtler R.E. 2006. Comparative trial of the effectiveness of pyrethroid insecticides against peridomestic populations of *Triatoma infestans* in northwestern Argentina. *J. Med. Entomol.* **43**: 902–909.
- Kitron U., Clennon J.A., Cecere M.C., Gürtler R.E., King C., **Vazquez-Prokopec G.M.** 2006. Upscale or downscale: applications of fine scale remotely sensed data to Schistosomiasis in Kenya and Chagas disease in Argentina. *Geospatial Health.* 1: 49–58.
- Vazquez-Prokopec G.M.**, Cecere M.C., Canale D.M., Gürtler R.E., Kitron U. 2005. Spatiotemporal patterns of reinfestation by *Triatoma guasayana* (Hemiptera: Reduviidae) in a rural community of northwestern Argentina. *Journal of Medical Entomology*, 42(4): 571–581.

### Synergistic Activities

- Co-investigator** of the project “Measuring dengue Risk” funded by NIH (R01 AI069341; 2007-2012; T. Scott, PI). In charge of the development of GIS and of a GPS system to track human movements in resource-poor settings and to analyze the relationship between human movement and dengue transmission.
- Co-investigator** of the project “Epidemiology of a Newly Recognized Threat to Chimpanzee Health in Gombe National Park, Tanzania” funded by Morris Animal Foundation (2010–2012; T. Gillespie, PI). In charge of coordinating the field deployment and of analyzing data derived from GPS data-loggers used to track movement patterns of domestic animals with the final aim of assessing the transmission routes of enteric pathogenic bacteria between humans, domestic animals and chimpanzees.