

Sara G. Prado

Phone: 919-515-5367

Email: Sara_prado@ncsu.edu

Education

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|-----------|---|-------------------------------------|
| 2015-2018 | North Carolina State University | Raleigh, North Carolina |
| | <ul style="list-style-type: none">• PhD in Applied Ecology• Degree in Zoology | |
| 2010-2012 | North Carolina State University | Raleigh, North Carolina |
| | <ul style="list-style-type: none">• MS in Entomology• Degree in Entomology with a concentration in Ornamental Pest Management. | |
| 2007-2010 | McGill University | Montreal, Québec, Canada |
| | <ul style="list-style-type: none">• BSc in Environmental and Agricultural Sciences (Honors)• Degree in Environmental sciences with a concentration in Biodiversity and Conservation. | |
| 2005-2007 | John Abbott College | St-Anne-de-Bellevue, Québec, Canada |
| | <ul style="list-style-type: none">• College Diploma in Pure and applied sciences. Graduated in June 2007 | |

Relevant Work

- January 2019 – Present – CREdO Program coordinator, College of Agriculture and Life Sciences, NCSU
- August 2018 – December 2018 – Postdoctoral Research Associate, Department of Applied Ecology, NCSU
- December 2017 – May 2018 – Information and communications coordinator, CALS International Programs, NCSU
- September 2017 – December 2017 – Graduate Trainer for Global Academy, CALS International Programs, NCSU
- October 2012-2015 – Research Assistant, NC Cooperative Fish and Wildlife Research Unit, Department of Applied Ecology, NCSU
- January 2011 – May 2011 – Teaching Assistant, “Insects and People”, NCSU
- May - August 2009 – Volunteer Researcher, Inkaterra Reserva Amazonica , Madre de Dios, Peru
- 2007 and 2008 – Resident Naturalist, Explorer’s Inn, Madre de Dios, Peru

Peer Reviewed Publications

- **S.G. Prado**, J.A. Collazo, P. Stevenson & R.E. Irwin (*In Revision*) A comparison of coffee floral traits under two different agricultural practices. *Scientific Reports*.
- Terando, A.J., **S.G. Prado** & E. Youngsteadt (2018) Construction of a compact low-cost radiation shield for air-temperature sensors in ecological field studies. *J. Vis. Exp.* (141), e58273. doi:10.3791/58273
- **S.G. Prado**, J.A. Collazo & R.E. Irwin (2018) Resurgence of Specialized Shade Coffee Cultivation: Effects on Pollination Services and Quality of Coffee Production. *Agriculture, Ecosystems and Environment*. 265(1): 567-575.
- Terando, A.J., E. Youngsteadt, E.K. Meineke, & **S.G. Prado** (2017) Ad hoc instrumentation methods in ecological studies produce highly biased temperature measurements. *Ecology and*

Evoloution. 7(23): 9890-9904.

- **Prado, S.G.**, H.T. Ngo, J.A. Florez, & J.A. Collazo (2017) Sampling bees in tropical forests and agroecosystems: A review. *Journal of Insect Conservation*. August: 1-18.
- **Prado, S.G.**, S.E. Jandric & S.D. Frank. (2015) Ecological Interactions Affecting the Efficacy of *Aphidius colemani* in Greenhouse Crops. *Insects*. 6(2): 538-575.
- Engel, M.S. & **S.G. Prado** (2014) First record of the cleptoparasitic bee genus *Sphecodes* from Puerto Rico (Hymenoptera: Halictidae). *Journal of Melittology*. 39: 1-6.
- **Prado, S.G.** & S.D. Frank. (2014) Optimal foraging by an aphid parasitoid affects the outcome of apparent competition. *Ecological Entomology*. 39(2): 236-244.
***Editor's choice April-May 2014
- **Prado, S.G.** & S.D. Frank. (2013) Tritrophic effects of plant growth regulators in an aphid-parasitoid system. *Biological Control*. 66(1): 72-76.
- **Prado, S.G.** & S.D. Frank. (2013) Compact plants reduce biological control of *Myzus persicae* by *Aphidius colemani*. *Biological Control*. 65(2): 184-189.

Presentations

- Prado, S.G., Dowdy, K.E., Irizarry, A.D., and J.A. Collazo. (2017) North Carolina Museum of Natural Sciences - Science Cafe "Coffee Economics"
- Prado, S.G., Collazo, J. A. (2017) Universidad Nacional San Antonio Abab de Cusco, "Café y cacao: Valor y beneficios de cultivos bajo sombra" (**Keynote Address**)
- Prado, S.G., Collazo, J. A. (2017) UPR-Utuado, "Pollinators in Coffee Plantations" (**Invited** 20 minute presentation)
- Prado, S.G., Collazo, J. A. (2014) USFWS and Envirosurvey, "Valor y beneficios de las abejas nativas en cafetales en Puerto Rico" (**Invited** 20 minute presentation)
- Frank, S.D, Prado, S.G., (2012) Entomological Society of America, "Mechanisms affecting the efficacy of aphid banker plant systems" (**Invited** 20 minute presentation)
- Prado, S.G., Frank, S.D. (2012) Ecological Society of America, "Effect of parasitoid host choice on apparent competition between pest and non-pest aphids" (20 minute presentation)
- Prado, S.G., Frank, S.D. (2011) Entomological Society of America, "Plant growth regulator effects on pest aphid abundance and suppression using *Aphidius colemani*" (**Invited** 20 minute presentation)
- Prado, S.G., Frank, S.D. (2011), North Carolina State University, Entomology Symposium, "Plant Traits Altering Apparent Competition Between Pest and Non-Pest Aphids"

Reports and Extension Publications

- Prado, S.G., A.G. Dale, T. McClure & S.D. Frank (2013). Optimizing Banker Plant Systems for Aphid Biological Control in Floriculture Greenhouses
- Prado, S.G. & S.D. Frank (2010). The parasitic wasp *Aphidius colemani*. North Carolina Pest News, North Carolina Cooperative Extension 25:21. (Related to Master's thesis)
- Prado, S.G. & S.D. Frank (2010). Aphid pests of ornamental plants in greenhouses. North Carolina Pest News, North Carolina Cooperative Extension 25:22. (Related to Master's thesis)

- Prado, S.G. & Puente, J.T.d.I. (2009) Amazonian Ants. In ITA (by Inkaterra Reserva Amazonica), Puerto Maldonado. (Unrelated to thesis work)

Grants

January 2014-January 2018

- Puerto Rico DNER "Conservation Design and Habitat Conservation in Puerto Rico." Collazo, J. A., J. K. Pacifici, E. Laber, B. Reich, and S. G. Prado.- \$1,634,995

September 2012-May 2013

- USDA-NRCS "Native-Naturalized Plant Species for Pollinators in Agricultural Lands in the Caribbean Area." J. A. Collazo, S. G. Prado – \$40,000

September 2011 – August 2013

- USDA SARE Graduate Student Grant "Plant mediated effects on parasitoid efficacy in a banker plant system" S.G. Prado and S.D. Frank – \$9,930

Languages

- Fluent in English, French and Spanish and basic Farsi.