

Diana Marcela Escamilla Sánchez

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Dep. of Crop and Soil Environmental Sciences
Virginia Tech, Blacksburg, VA 24060

Education

M.S., Crop, Soil and Environmental Sciences, Expected Dec 2017

Virginia Polytechnic Institute & State University (Virginia Tech), Blacksburg, Virginia

B.S., Agronomic Engineering, Feb 2013

Universidad Nacional de Colombia, Bogota, Colombia.

Related Experience

Experience: academic

Graduate Research Assistant, Jan 2015-present

Crop Soil and Environmental Sciences Dept., Virginia Tech, Blacksburg, VA

- Establishment of selection criteria for breeding sprout soybeans
- Enhancing soybean sprout food safety through seed disinfection treatments.
- Identify quantitative trait loci (QTL) underlying seed coat deficiency and associated markers.
- Supporting the different activities of the program as planting, harvest, and chemical and molecular analysis.

Undergrad Research, summer 2012

University of Arkansas, Fayetteville, AR

- Evaluating the response of soybean cultivars that differ in chloride uptake and the impact of soybean mosaic virus infection.

Undergrad Research, during college

Universidad Nacional de Colombia, Bogota, Colombia

- Research assistant in a project with Colombian endemic plants *Passiflora edulis* f. *flavicarpa* and *Passiflora ligularis* Juss, with this project I did my thesis, which was about the characterization of the response of passion fruit (*Passiflora ligularis* Juss) under salt stress.

Experience: Industry

Research Assistant, Jun 2013- December 2013

CORPORACION COLOMBIANA DE INVESTIGACIÓN AGROPECUARIA-COPOICA, Villavicencio Colombia

- Research assistant of the project: Corn hybrid with quality protein maize (QPM) for the Atillanura

AWARDS

- Honors Graduation Distinction awarded by the Agronomy School Council for the second term 2013.
- The Adair Research Scholarship for the summer of 2012 in the University of Arkansas.

Posters abstracts published

- Escamilla, D.M., Zhang, B. and Rosso, L. 2016. Enhancing Soybean Sprout Food Safety Through Seed Disinfection Treatments. ASA, CSSA and SSSA International Annual Meetings, Poster Presentation.
- Escamilla, D.M., Zhang, B. and Rosso, L. 2015. Establishment of Selection Criteria for Breeding Sprout Soybeans. ASA, CSSA and SSSA International Annual Meetings, Poster Presentation.
- Laney, A.G., *Escamilla Sanchez, D.M., and Korth, K.L. 2013. The interactive effects of soybean mosaic virus infection and salt stress on soybean cultivars that vary in chloride uptake. American Phytopathological Society Southern Division Meeting, Oral Presentation
- Laney, A.G., Harris, A.M., *Escamilla Sanchez, D.M., and Korth, K.L. 2013. Characterizing a synergistic interaction between Glycine max, Soybean mosaic virus, and soil salinity. American Phytopathological Society Annual Meeting, Poster Presentation.
- Laney, A.G., *Escamilla Sanchez, D.M., and Korth, K.L. 2013. The interactive effects of soybean mosaic virus infection and salt stress on soybean cultivars that vary in chloride uptake. American Phytopathological Society Southern Division Meeting, Oral Presentation.