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EDUCATIONAL BACKGROUND

M.B.A., 2017 North Carolina State University, USA
Ph.D., 2013 Agronomy, University of Florida, USA
M.S., 2009 Agronomy, University of Florida, USA
B.S., 2006 Agricultural Science and Animal Production, Zamorano University, Honduras, C.A.

PROFESSIONAL EXPERIENCE

2019 – present Associate Professor and Grassland Extension Specialist, Crop and Soil Sciences Department, NC State University, USA.
2013 – 2019 Assistant Professor and Grassland Extension Specialist, Crop and Soil Sciences Department, NC State University, USA.
2009 – 2013 Ph.D. Fellow, Agronomy Department, University of Florida, USA.
2007- 2009 Graduate Research Assistant, University of Florida, USA.
2006 Visiting Scholar, Everglades Research and Education Center, University of Florida, Belle Glade, FL, USA.

LANGUAGE CAPABILITIES

- English (fluent), Spanish (fluent), Portuguese (intermediate).

SYNERGISTIC ACTIVITIES

- *Science Advisor/Panel Manager*, USDA-NIFA-AFRI-A1102. (2023)
- *Technical Reviewer*, XXV International Grassland Congress. Covington, KY, USA. (2023)
- *Board Member*, Carolina Farm Stewardship Association. (2023)
- *Reviewer*, USDA-ARS National Program (NP215): Grass, Forage, and Rangeland Agroecosystems. (2022)
- *Panelist*, NIFA-AFRI (A1102): Foundational Knowledge of Agricultural Production Systems. (2021, 2022)
- *Associate Editor*, [Crop Sci. J.](#) (2018 to present), [Revista Brasileira de Zootecnia](#) (2017 to present), [Agronomy](#) (2020-2021).
- *Evaluator*, poster competition, NCSU's Latin American Research Symposium. (2017, 2022)
- *Coordinator*, Symposium of Zamorano Alumni in the USA, Raleigh, NC. (2019)
- *Ad hoc reviewer*, *Agronomy J.*; *Crop Science*; *Crop, Forage & Turfgrass Management*; *Grass and Forage Science*; *Animal Science*; *Dairy Science*; *Nutrient Cycling and Agroecosystems*; *The Rangeland Journal*, *Smart Agricultural Technology and Biosystems Engineering Journal*; *Journal of Agricultural Science*.

AWARDS, HONORS, AND PROFESIONAL DEVELOPMENT (PD)

- George J. and Rhonda W. Kriz Faculty Study Leave Endowment Awardee, NCSU. (2022)
- Vibrational Spectroscopy and Chemometrics, CRA-W, Gembloux, France. (2022; PD)
- Scholarly leave (6 months), ESPOL University, Ecuador. (2022-2023; PD)
- Outstanding Global Engagement Early-Career Faculty, College of Agriculture and Life Sciences, NC State University (2020).
- Visiting Professor, Universidad Nacional Toribio Rodriguez de Mendoza, Amazonas, Perú (2018)
- Gerald O. Mott Meritorious Graduate Student Award in Crop Science, Crop Science Society of America (2012).
- Alec Courtelis Award, International Center, University of Florida (2011)
- Crop Science Society of America, Division C06, Robert F. Barnes Graduate Student Paper Competition, first place (2008 and 2011).
- Paul Harris Award, Agronomy Department, University of Florida (2008, 2009, 2011 and 2012).
- Graduate School Fellowship, Ph.D. fellowship from University of Florida (2009).
- Outstanding M.S. Thesis, Agronomy Department, University of Florida (2009).
- Soil and Crop Science Society of Florida, Graduate Student Paper Competition, second place (2008).

PROFESSIONAL AND SCIENTIFIC ORGANIZATIONS

- American Society of Agronomy (since 2006).
- Crop Science Society of America (since 2006).
- Southern Pasture and Forage Crop Improvement Conference (since 2009).

PUBLICATIONS

See a detailed list of publications in Dr. Castillo's website:

[\(https://forages.wordpress.ncsu.edu/publications/\)](https://forages.wordpress.ncsu.edu/publications/)