

Derek A. Washburn

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FARM BUSINESS, PROGRAM AND GRANT DEVELOPMENT

Farm Management, Agricultural Business Entrepreneurship, Strategic Business Development, Agricultural Cost of Production in North Carolina, Crop and Animal Production Systems, Grant Development and Support

EDUCATION

North Carolina State University

M.R. Crop Science, August 2019

Degree Focus: *Integration of Crop Production Systems and Business Analysis*

North Carolina State University

B.S. Agricultural Business Management, May 2010

Degree Focus: *Economic Principles, Agricultural Policy, and Advanced Business Skills*

North Carolina State University

A.S. Turfgrass Management, May 2006

Degree: *Applied agronomy and business skills focus*

PROFESSIONAL EXPERIENCE

Farm Management Extension Associate, Department of Agricultural and Resource Economics, NC State Extension –NC State University, NC, 7/22- Current

Supporting and developing statewide agricultural business development opportunities with extension agents and farmers across North Carolina at the county level. Program responsibilities include developing and delivering educational programs such as NC Farm School. Farm Management research including cost of production and farm level decision making as well as specific grant support with specialist, state agencies, academia, and non-profits that support North Carolina economic impacts.

Extension Program Associate, NC Farm School, NC State Extension –NC State University, NC, 2/14- 7/22

Lead and delivered NC Farm School programming across the state; Conducted key areas of program support in grant reporting, grant writing, curriculum development, and grant contract personnel; Developed website communications, marketing strategy, and crop budgets for North Carolina farming across a broad range of farm products and scales of production; Collected, managed, and developed impact reports for key program data and statistics for multi-level stakeholders; directed new crop feasibility studies.

Research and Teaching Assistant, *Turfgrass Research Station, North Carolina State University, NC, 2/13- 2/14.*

Executing experimental protocol with randomized block design and carefully documented results based on communicated needs; Trained students in applied agronomic principles in turfgrass management including crop input management, weed identification, crop identification, and application techniques.

GRANTS

Southern Extension Risk Management Education Grant: Mitigating Financial Risk for Small Scale Farmers Through Budget Training; Grant #14623,

2021-2023

Grant writer, Co-PI, project team manager, and grant reporting; Key Outcomes- cost of production and budget training for 25 small scale budgets with open source and adjustability for extension agents and farmers statewide

RJRTC Fund For Excellence: Evaluation of Flue-Cured Tobacco Labor Cost,

2019

Editor and project assistant; Key Outcomes- 2017 Evaluation of Flue-Cured Tobacco Labor Cost

Tobacco Trust Grant: North Carolina Agricultural Foundation, Inc., NC Farm School; Grant # 2017-021-10,

2017-2019

Editor, data collection, and grant reports; Key Outcomes- cost of production bench marks for small scale farms and new farm development of tobacco related sector

Golden Leaf Grant, 2014-2016: North Carolina State University, North Carolina Farm Management Training Schools; Grant # FY14-065,

2014-2016

Grant narrative development, editor, data collection, and grant reports; Key Outcomes- entrepreneurial training curriculum and 100 trained farmers in new business development.

PUBLICATIONS

David L Jordan, Greg S Buol, Rick L Brandenburg, Barbara B Shew, Gail G Wilkerson, Bridget R Lassiter, Jeff Dunne, Adrienne Gorny, Derek Washburn, David Hoisington, James Rhoads. 2022. A Risk Tool and Production Log Created using Microsoft Excel to Manage Pests in Peanut (*Arachis hypogaea*). *Journal of Integrated Pest Management*. Vol. 13, Iss. 1: 9, <https://doi.org/10.1093/jipm/pmac006>

S. Gary Bullen, Derek Washburn, Amy Foster, Matthew Erst, Richard Boylan, April Vigart, Eli Snyder, Michael Fine. 2021. Market Gardens for Small Farms in North Carolina. NC State Extension Publication AG-886-01

S. Gary Bullen, Derek Washburn, Matthew Erst, Margaret Ross, Laruen Greene, Dan Campeau. 2021. Pastured Poultry for Small Farms in North Carolina. NC State Extension Publication AG-886-03

S. Gary Bullen, Derek Washburn, Matthew Erst, Lara Worden, Silvana Pietrosevoli, Morgan Watts, Sara Drake. 2021. Pastured Pork for Small Farms in North Carolina. NC State Extension Publication AG-886-04

S. Gary Bullen, Derek Washburn, Matthew Erst, Kim Woods, Andy Burlingham, Andrew Weaver. 2021. Sheep and Goat Production for Small Farms in North Carolina. NC State Extension Publication AG-886-05

Hare, A.T., D.L. Jordan, R.G. Leon, K.L. Edmisten, A.R. Post, D.J. Mahoney, and D. Washburn. 2019. Impact of weed management on peanut yield and weed populations the following year. Peanut Sci. 46:182-190.

PRESENTATIONS/PANELS

- **NCSU Grains Team Panel 2022:** Soybean Producers Association Meeting
- **Understanding NC Row Crop Production Budget Assumptions and Tools 2017-2021:** Black Land Farm Management Association Meeting, Pasquotank County Growers Meeting, Union County Growers Meeting
- **Basic Business Feasibility for Animal Operations 2017:** NC Small Ruminant Conference

HONORS

- Pride of the Wolfpack Award 2017

PROFESSIONAL ACTIVITIES/ACADEMIC SERVICE

- **CS 462 Soil-Crop Management Systems;** Guest lecture “Integrating Farm Cost with Production Practice Assumptions”
- **NC Farm School Program Lecturer and Extension Team Lead;** 2018 Down East, 2019 Ag Vet Farm School, 2020 Southern Piedmont, 2021 Southern Piedmont, 2022 Piedmont, 2022 Northern Piedmont

PROFESSIONAL ENGAGEMENT

- NC Cooperative Extension Agent Statewide Grain Team 2021-2022
- NC Cooperative Extension Business Planning Portal Team 2020-2022
- NC Farm School Extension Board Coordinator 2016-2022

WEBSITES

- <https://cals.ncsu.edu/agricultural-and-resource-economics/people/dawashbu/>
- <https://ncfarmschool.ces.ncsu.edu/>