

Charles Collins

Education:

B.S. in Mathematics, North Carolina Central University, 1983

M.E. in the College of Engineering, North Carolina State University, 2009

Ph.D. candidate in Biological & Agricultural Engineering, North Carolina State University, 2010-present

Academic Rank:

Faculty Lecturer

Academic experience:

2014-Present Faculty Lecturer teaching Agricultural Tractors, Equipment Technology and Unmanned Aerial Systems

1995 - 2014 Academic Laboratories Manager conducting lab instruction and demonstrations for several engineering and technology courses

Non-academic experience:

2015- Present Faculty Advisor of the NCSU UAS Club

1997- Present Project Associate, BAE Precision Agriculture Project

1989-2014 SPA Engineering Research Technician III at BAE, development of machine systems and operation processes in the area of agricultural equipment and machinery

Current membership in professional organizations:

Academy of Model Aeronautics

National Agricultural Aviation Association

American Society of Biological and Agricultural Engineers

Pi Mu Epsilon Honor Society

Most important publications and presentations from the past five years:

1. C. Collins, 2015 AUAV Course Overview, UAS Working Group of the NCSU Office of General Counsel, Raleigh, NC, November 7, 2015.

2. C. Collins, UAVs for Farming in North Carolina and Student Engagement, NCSU & PrecisionHawk Partnership Forum, March 26, 2015.

Most recent professional development activities:

FAA Private Pilot Ground School Aeronautical Knowledge Course (2016)