

Gary T. Roberson

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Experience

Associate Professor & Extension Specialist, 1983 - Present, North Carolina State University Raleigh, NC

Responsible for teaching courses in light equipment technology, shop operations and management, agricultural and environmental safety and health and precision agriculture technology. Courses are constantly refreshed and updated to match changes in technology. Extension projects include agricultural machinery, precision agriculture, and ergonomics. Prototype design and field testing of equipment modifications. Extension education programs are conducted in machinery management and precision agriculture.

Product Analysis Manager, 1980 - 1983, Long Manufacturing NC Inc. Tarboro, NC

Responsible for testing and analysis of prototype agricultural equipment. Designed test procedures, developed reports, and provided feedback to design team. Supervised prototype shop staff. Products included tractors, implements, peanut combines, irrigation units, and wood stoves.

Education

Ph.D., Biological and Agricultural Engineering, 1983-1988, North Carolina State University Raleigh, NC

M.S., Biological and Agricultural Engineering, 1978-1980, North Carolina State University Raleigh, NC

B.S., Biological and Agricultural Engineering Technology, 1974-1978, North Carolina State University Raleigh, NC

B.S., Agricultural Education, 1974-1978, *North Carolina State University Raleigh, NC*

Continuing Education

Teaching Effectiveness Workshop, "Creating an Environment for Success", College of Agriculture and Life Science, North Carolina State University, 1991.

Teaching Effectiveness Workshop, "Teaching Effectiveness for Engineering Professors", College of Engineering, North Carolina State University, 1989.

Product Safety and Liability Engineering Conference, Office of Continuing Education, Texas A & M University, 1983.

Accident Prevention Through Product Safety, Farm and Industrial Equipment Institute, 1982.

Professional Memberships

American Society of Agricultural Engineers

Alpha Epsilon

Gamma Sigma Delta

National Association of Colleges and Teachers of Agriculture

Professional Registration

Professional Engineer, North Carolina, February 9, 1987

Honors and Awards

Blue Ribbon Award, 1993 Educational Aids Competition, American Society of Agricultural Engineers.

Outstanding Teacher Award, 1990, Academy of Outstanding Teachers, North Carolina State University.

Eagle Scout, Boy Scouts of America, 1972