

## University of Maryland Extension Poultry Specialists

**Dr. Jonathan R. Moyle**  
**Associate Professor, Extension Poultry Specialist**  
Lower Eastern Shore Research & Education Center  
27664 Nanticoke Road, Salisbury, MD 21801  
410-742-1178 x309  
[jmoyle@umd.edu](mailto:jmoyle@umd.edu) (link sends e-mail)

Provides Maryland's poultry industry and growers with general practical knowledge about poultry production practices in order to continue to develop, maintain, and operate economically viable and environmentally responsible poultry operations in the state. Current and future research includes helping growers find alternatives for bedding, improving nutrient management and helping small flock owners improve biosecurity.

**Dr. Nathaniel Tablante DVM, MPVM, MS, DACPV**  
**Associate Professor, Virginia-Maryland Regional College of Veterinary Medicine**  
**Extension Poultry Veterinarian**  
[nlt@umd.edu](mailto:nlt@umd.edu) (link sends e-mail)

Dr. Nathaniel L. Tablante is an Associate Professor and Extension Poultry Veterinarian with the Virginia-Maryland Regional College of Veterinary Medicine. He has 24 years of experience in poultry health management, epidemiology, and biosecurity and has authored and co-authored numerous articles and educational materials on poultry health, biosecurity, and disease prevention. He has also served as a consultant on poultry biosecurity and Avian Influenza preparedness and response in the United States, Russia, Trinidad and Tobago, Ukraine, and the Republic of Georgia. In addition to his D.V.M. degree, Dr. Tablante completed a Master of Preventive Veterinary Medicine (major in public health) at the University of California in Davis and a Master of Science (major in poultry health and epidemiology) at the University of Guelph (Ontario, Canada). He is also a Diplomate of the American College of Poultry Veterinarians. Since assuming a faculty position at the University of Maryland in 1997, Dr. Tablante has implemented an Extension and applied research program that focuses on improving poultry health and production through biosecurity and disease prevention on the Delmarva peninsula and the mid-Atlantic region. His current research involves projects investigating multiple poultry and zoonotic diseases of economic and public health importance.

**Dr. Roselina Angel**  
**Associate Professor, Animal and Avian Science**  
**Extension Poultry Specialist**  
[rangel@umd.edu](mailto:rangel@umd.edu) (link sends e-mail)

The work done in Dr. Angel's lab melds applied and basic nutrition. The main focus is on maximizing nutrient availability from diets with the goal of reducing environmental impact as well as improving production efficiency and costs of production. The tools used for this work go from the very basic (epigenetics or nutritional imprinting, gene expression of transporters as well as specific genes that can be associated with changes seen, measures of nutrient absorption as well as intestinal enzyme, and gastrointestinal tract morphological changes) to the very applied (demonstration trials with industry to validate tools developed in the lab).

Extensive work has been done and continues on minimizing the impact of poultry production on the environment, primarily as related to phosphorus and nitrogen. Work with phosphorus has focused on understanding requirements, improving absorption through management and diet (calcium/phosphorus ratios, use of enzymes and other feed additives) and implementation of new tools under commercial conditions. Work with nitrogen has focused on diet changes as well as post excretion changes to minimize nitrogen excretion and nitrogenous emissions to air.

## **University of Maryland Extension Educators**

**Jennifer Rhodes**  
**Extension Educator, Agriculture and Natural Resources**  
**Queen Anne's County**  
505 Railroad Avenue, Suite 4  
Centreville, MD 21617  
410.758.0166  
[jrhodes@umd.edu](mailto:jrhodes@umd.edu) (link sends e-mail)

Jennifer Rhodes is an Extension Educator in Queen Anne's county and also owns and operates her own poultry and grain farm. A graduate of University of Maryland Eastern Shore with a B.S. in Agriculture and a M.E. in Agriculture and Extension Education, the main focus of her programs are agriculture profitability programs, risk management, and poultry production education. Jenny serves as President of the Delmarva Poultry Industry, Inc., board member of Queen Anne's County Farm Bureau, Queen Anne's Soil Conservation District and MidAtlantic Farm Credit. Agriculture has always been an important component of her life and she enjoys working with not only the agriculture sector but educating other community members about agriculture and natural resources.

**Mr. Dale M Johnson**  
**Principal Agent & Extension Specialist, Farm Management**  
**Western Maryland Research and Education Center**  
**Agricultural & Resource Economics**  
2200 Western Maryland  
College Park, MD 20742-5515  
1-301-432-2767  
[djohnson@arec.umd.edu](mailto:djohnson@arec.umd.edu)

Dale Johnson has been a Farm Management Specialist with the University of Maryland Extension since 1985 and conducts workshops on business planning, record-keeping, financial management, economic analysis, and computer applications for Maryland farmers and teaches these subjects at the University. He has a personal interest in small flock poultry production raising pastured broilers and turkeys for family consumption and keeping a layer flock. He also conducts a small flock layer demonstration at a University research farm and has developed an poultry educational program for children in inner city schools.

**Dave Myers**  
**Extension Educator, Agriculture and Natural Resources**  
**Anne Arundel County**  
[myersrd@umd.edu](mailto:myersrd@umd.edu) (link sends e-mail)

Dave Myers has been a lifelong resident of Anne Arundel County, Maryland and currently is the Anne Arundel County Extension Director and Area Extension Educator in both Anne Arundel and Prince George's Counties. Dave earned in 1983 a BS degree in Agronomy, Crop Science and in 1996 a MS degree in Agronomy, Weed Science from the University of Maryland. His Extension responsibilities include all field crop and livestock agriculture with an emphasis on fruit and vegetable production and marketing. Dave currently conducts fruit and vegetable research trials at the University of Maryland Upper Marlboro Research and Education Center. He has personally raised poultry for many years and has special interest in waterfowl.

**Jessie Flores**  
**Extension Educator, Agriculture and Natural Resources**  
**Dorchester, Somerset, Wicomico, & Worcester Counties**  
P.O. Box 219, 305 Bank St.  
Snow Hill, MD 21863  
410-632-1972  
[jflores@umd.edu](mailto:jflores@umd.edu)

Jessie Flores is an Extension Educator in Worcester County. Growing up on Maryland's Eastern Shore, agriculture has always been an intricate part of her lifestyle. Jessie received her Bachelor's Degree from University of MD Eastern Shore in 2008 in Agriculture - Animal Science. Having worked on her grandparents commercial poultry farm as well as helping her children raise small flocks, Jessie is knowledgeable in working with small to large sized flocks. Her poultry programming focuses include small flock biosecurity, flock management, and husbandry.

**Chuck Schuster**  
**Extension Educator, Agriculture and Natural Resources**  
**Montgomery County**  
[cfs@umd.edu](mailto:cfs@umd.edu) (link sends e-mail)

Chuck Schuster is a University of Maryland Extension Educator in Montgomery County. He works with various agriculture operations in the county and regionally with specialization in horticulture. His experience with poultry both personally and professionally has made him a requested speaker for new owners and those starting their own small flocks.

**Jeff Semler**  
**Extension Educator, Agriculture and Natural Resources**  
**Washington County**  
[jsemler@umd.edu](mailto:jsemler@umd.edu)

Jeff Semler, University of Maryland Extension educator in Washington County, recently received the Distinguished Service Award from the National Association of County Agriculture Agents. Jeff is an alumnus of West Virginia University where he holds a Bachelor's Degree in Animal Science; he also has a Master's Degree in Animal Science from the University of Connecticut where his emphasis was in the area of the Physiology of Reproduction. Jeff's current teaching goals include continued strengthening of the profitability of agriculture as well as increasing agricultural literacy. One of his on-going research projects is the investigation of various forage production methods under both conventional and organic management. Jeff has a lifelong love of farming and his goal is to assist farmers with their livelihood while maintaining or improving their soil, plant and animal resources.