



USPOULTRY Foundation Allocates \$291,000 in Student Recruiting Grants

The USPOULTRY Foundation has awarded student recruiting grants totaling \$291,000 to the six U.S. universities with poultry science departments and 26 other institutions with industry-related programs. The Foundation provides annual recruiting and retention funds to colleges and universities to attract students to their poultry programs. The grants were made possible by gifts to the Foundation from companies, individuals and families. The six poultry science departments receiving the grants are:

Institution	Grant Amount	Grant Made Possible By:
Auburn University	\$22,130	Ingram Farms
Mississippi State University	\$21,957	Sanderson Farms
North Carolina State University	\$26,362	Stanley Frank Family Foundation
Texas A&M	\$33,145	Tyson Foods
University of Arkansas	\$25,069	Monty & Margot Henderson Recruiting Fund
University of Georgia	\$20,797	Leland Bagwell Education and Innovation Fund

The 26 other institutions with industry-related programs receiving recruiting and retention grants under the Foundation's Industry Education Recruitment Funding Program are:

Institution	Grant Amount	Grant Made Possible By:
Abraham Baldwin Agricultural College, Ga.	\$3,800	Don Dalton Student Recruiting Fund
Blue Ridge Community College, Va.	\$4,600	Robert Burtner Strickler and Gladys Hopkins Strickler Recruiting Fund
California Polytechnic State University, Calif.	\$10,000	AJC International
California State, Fresno, Calif.	\$7,000	
Clemson University, S.C.	\$2,000	Leland Bagwell Education and Innovation Fund
Crowder College, Mo.	\$6,500	Hollis P. Osborne Family
Eastern Oklahoma State College, Okla.	\$4,200	Simmons Foods
George C. Wallace Community College, Ala.	\$4,600	
Iowa State University, Iowa	\$7,000	West Liberty Foods
Louisiana State University, La.	\$7,000	Sanderson Farms
McNeese State University, La.	\$3,000	Cal-Maine Foods
Modesto Junior College, Calif.	\$6,300	
Ohio State University, Ohio	\$7,000	Cooper Family Foundation
Oklahoma State University, Okla.	\$6,300	
Penn State University, Pa.	\$10,000	VA Poultry Growers Cooperative
Sam Houston State University, Texas	\$2,300	Jerry and Cherie Moye
South Central College, Minn.	\$2,300	Jennie-O Turkey Store
South Dakota State University, S.D.	\$2,800	West Liberty Foods
Stephen F. Austin State University, Texas	\$3,000	Frost PLLC
University of Delaware, Del.	\$4,600	Valley Proteins
University of Minnesota, Twin Cities, Minn.	\$7,000	GNP Company
University of North Georgia, Ga.	\$7,000	Leland Bagwell Education and Innovation Fund
University of Tennessee at Martin, Tenn.	\$3,700	Hubbard Farms Charitable Foundation
Tennessee Technological University, Tenn.	\$6,000	Hubbard Farms Charitable Foundation
Wallace State Community College, Ala.	\$7,000	Peco Foods
Wilkes Community College, N.C.	\$7,000	Prestage Farms

RESEARCH RESULTS

- ◀ Blackhead Disease (Histomoniasis) – Test the Ability of Zinc to Treat Blackhead Disease and Improve the Efficacy of Nitarsone**
 Project #F054, Dr. Robert Beckstead, University of Georgia, Athens, Ga.
- ◀ Identifying Amino Acids in the Spike Protein Critical for Arkansas-DPI Vaccine Binding**
 Project #F062, Dr. Brian Jordan and Dr. Mark Jackwood, University of Georgia, Athens, Ga.
- ◀ Testing of a Non-virulent NetB Positive Strain of C. perfringens as a Live Vaccine against Necrotic Enteritis in Chickens**
 Project #686, Dr. Joan Smyth, University of Connecticut, Storrs, Conn.
- ◀ Inactivation of Avian Influenza Virus in Chicken Feed**
 Project #BRU004, Dr. Haroldo Toro, Auburn University, Auburn, Ala.
- ◀ Efficacy of Various Antimicrobials on Reduction of Salmonella and Campylobacter, Microbial Shelf-Life and Quality Characteristics of Ground Chicken in a Post-Chill Decontamination Tank**
 Project #F058, Dr. Sacit Bilgili, Auburn University, Auburn, Ala., and Dr. Shelly McKee, USA Poultry & Egg Export Council, Stone Mountain, Ga. (research made possible by an endowing Foundation gift from Koch Foods)
- ◀ Identification of the Wooden Breast Condition in Broiler Breast Fillets Using Imaging Technology**
 Project #694, Dr. Brian Bowker, USDA ARS Southeast Poultry Research Laboratory, Athens, Ga. (research made possible by an endowing Foundation gift from GNP Company)
- ◀ Branched-Chain Amino Acid Requirement and Their Role in Protein Synthesis and Growth Performance in Female Broiler Chickens**
 Project #F061, Dr. Sami Dridi and Mr. Michael Kidd, University of Arkansas, Fayetteville, Ark. (research made possible by an endowing Foundation gift from Simmons Foods)
- ◀ Emergency Funded Research Identifies Heat Destruction of HPAI Virus in Litter**
 Project #BRU005, Dr. Erica Spackman, USDA ARS Southeast Poultry Research Laboratory, Athens, Ga.

\$850,000 Allocated for Research Funding in 2016

USPOULTRY and Foundation Approve \$575,000 in New Research Grants through Comprehensive Research Program

USPOULTRY and the USPOULTRY Harold E. Ford Foundation approved a total of \$575,000 for nine new research grants at seven institutions through its Comprehensive Research Program. The Comprehensive Program is the Association's long-standing research effort dating back to the 1950s. Since its inception, more than \$27 million has been reinvested in the industry, with the research conducted at more than 50 universities and federal and state facilities. The research is approved by the boards of the Association and Foundation, based on recommendations of the Foundation Research Advisory Committee. The committee evaluates research proposals to determine their value to the industry. Committee members are professional specialists in different segments of the poultry and egg industry. The Comprehensive Program research projects are as follows:

Production of Cross-Protective Autogenous Bacterin Strains for Controlling *Escherichia coli* Infections in Poultry

University of Georgia (research grant made possible in part by a gift from Koch Foods)

Does Broiler Vaccination with HVT-LT (INNOVAX®) Vector Vaccine Increase the Infectious Laryngotracheitis Virus (ILT) Challenge Infectious Dose?

University of Georgia (research grant made possible in part by an endowing Foundation gift from Claxton Poultry)

Development of Clostridium Septicum Oral Vaccine for Clostridial Dermatitis in Turkeys Using an Outer Membrane Vesicle Delivery System

Cornell University (research grant made possible in part by an endowing Foundation gift from Cooper Farms Foundation)

Genetic Modulation of the Antimicrobial Properties of the Egg Shell Cuticle Pore Plug

University of Ottawa, Canada (research grant made possible by an endowing Foundation gift from Midwest Poultry Services)

Evaluation of Factors that Affect Susceptibility and Control of Reovirus-Induced Viral Arthritis in Broiler Chickens

Aviserve LLC (research grant made possible in part by an endowing Foundation gift from Fieldale Farms)

The Use of Vision Grading of Broiler Carcasses to Predict Presence of Woody Breast Characteristics

University of Arkansas (research grant made possible in part by an endowing Foundation gift from George's, Inc.)

Evaluation of Poultry House Heat Treatment as Post Outbreak as an Alternative to Wet Cleaning and Disinfection

University of Delaware (research grant made possible in part by an endowing Foundation gift from Peco Foods)

Optimizing Amino Acid Digestibility and Energy Values Used in Diet Formulations for Broilers Vaccinated against Coccidiosis

University of Arkansas (research grant possible in part by an endowing Foundation gift from Simmons Foods)

Laying Hen Ectoparasites: Impact of *Salmonella typhimurium* and *Salmonella heidelberg*

Purdue University (research grant made possible in part by an endowing Foundation gift from Centurion Poultry)

Board Research Initiative Projects Total \$275,000

Three Board Research Initiative projects, valued at \$275,000, were approved and will be conducted at three universities. The Board Research Initiative was created by the boards of USPOULTRY and the USPOULTRY Foundation to address current issues facing the poultry and egg industry. It operates alongside the long-established Comprehensive Research Program and augments the original program's effectiveness and protracted success. The Initiative focuses on critical areas of research selected by the board. Board Research Initiative projects are as follows:

Analysis of Poultry Gasification Parameters for Elimination of Avian Flu Exposed Birds and Manure

University of Iowa (research grant made possible in part by an endowing Foundation gift from West Liberty Foods)

Euthanasia of Recently Hatched Chicks and Poults

University of Georgia (research grant made possible in part by an endowing Foundation gift from Pilgrim's)

Euthanasia of Recently Hatched Neonates

Texas A&M University (research grant made possible in part by an endowing Foundation gift from Sanderson Farms)

USPOULTRY Foundation Announces Expansion of FFA Career Development Event

USPOULTRY Foundation Chairman, Paul Hill, West Liberty Foods, Ellsworth, Iowa, announced an expansion of the USPOULTRY Foundation's support for the National FFA Career Development Event (CDE) in Food Science and Technology at the 2016 National FFA Convention & Expo in Indianapolis, Ind. This is a new initiative by the Foundation to further attract students to the poultry and egg industry. The Food Science and Technology CDE is designed to test a student's basic knowledge of food science as well as the student's ability to apply this knowledge to practical situations. The top nine finishing teams of the FFA Food Science and Technology CDE received an all-expense paid trip to the International Poultry Expo (IPE), part of the International Production & Processing Expo (IPPE) in Atlanta, Ga. This opportunity was made possible by an endowing Foundation gift from Cargill and Prestage Farms. The teams joined the top 11 FFA Poultry Evaluation CDE teams who attended IPPE, made possible by an endowing Foundation gift from Tyson Foods.

"We are delighted to support agriculture education opportunities for young people such as this one for those who will be responsible for nourishing the growing world population in the future," said Andy Southerly, vice president of supply chain management for Cargill's Wichita, Kansas-based turkey business. "We believe science and technology are key to the ongoing success of American agriculture."

"Prestage Farms is pleased to support, through the USPOULTRY Foundation, an organization like FFA providing our future leaders to feed a growing world," said John Prestage, senior vice president, Prestage Farms.

The students participated in a program led by poultry industry leaders that informed them of the numerous career opportunities in the industry. Additionally, the students had an opportunity to visit the vast trade show floor to see the exciting technology used by today's modern, sustainable poultry industry.

"The USPOULTRY Foundation is excited to announce this expansion of our relationship with FFA and the Career Development Event. Our Association has been a supporter of the FFA Poultry Evaluation CDE for many years, and we were pleased to be able to offer the Food Science and Technology CDE teams an opportunity to experience the world's largest annual trade show for the poultry, meat and feed industries," remarked Hill.

The following teams were invited to attend the IPPE in January. They are listed in their order of finish: Windum FFA, Minnesota; Florence FFA, Texas; Somonauk-Leland-Sandwich FFA, Illinois; Hermiston FFA, Oregon; Cambridge FFA, Idaho; Richland FFA, North Dakota; Wamogo FFA, Connecticut; and Lawton FFA, Oklahoma.



USPOULTRY Foundation Chairman Paul Hill (right), West Liberty Foods, Ellsworth, Iowa, with the winning Windum FFA, Minnesota Food Science and Technology team

Thanks to your support, we would not have accomplished this without a successful Foundation campaign. I'm certain some of these students will pursue careers in the poultry industry, and this would not have been possible without the campaign initiative.

John Starkey, P.E.
President, USPOULTRY

In Thanks and Recognition to the Following Donors for Their Support of the USPOULTRY Foundation

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