Partners, June 2011

Dale Bumpers College of Agricultural, Food, and Life Sciences (University of Arkansas, Fayetteville). Center of Excellence for Poultry Science

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Byrne is the recipient of the John W. White Outstanding Student Award for 2011

Kristen Alicia Byrne, John W. White Outstanding Student recipient

Kristen Byrne was selected to receive the John W. White Outstanding Student Award for 2011. The objective of this award is to recognize students of the Dale Bumpers College of Agricultural, Food and Life Sciences who have had outstanding accomplishments in their academic programs. Selection criteria is based on grade point average, leadership, activities and other extramural service.

Byrne is an Honors Program student majoring in Poultry Science with a minor in Global Agricultural, Food and Life Sciences. In 2009 and 2010 she was a peer mentor for the Bumpers College Connection program and a member of the Dean’s Student Advisory Board. She was president of the Poultry Science Club for 2010-2011 and the recipient of the Poultry Science Alumni Group ring for 2011.

Byrne will be entering graduate school in poultry science in the Fall with a focus in avian immunology.

Hargis receives Outstanding Research Award

Dr. Mark Cochran, vice president for agriculture, right, and Dr. Mike Vayda, dean of Bumpers College, present the John W. White Outstanding Research Award to Professor Billy M. Hargis.

The John W. White Outstanding Research Award was presented to Professor Billy M. Hargis, DVM, Ph.D. The objective of this award is to recognize faculty of the Dale Bumpers College of Agricultural, Food and Life Sciences and the Division of Agriculture who have made notable and outstanding contributions in research toward the land grant mission. The contributions

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can be through innovative problem solving, creative activity, development of programs or contributions towards basic understanding.

Hargis is director of the Division of Agriculture’s J.K. Skeeles Poultry Health Laboratory in Fayetteville. He was instrumental in developing a series of patented or patent-pending bacterial vectored vaccines to help control several economically important pathogens, including the avian influenza virus.

He was recognized at an awards luncheon January 7, in the John Q. Hammons Convention Center in Rogers.

**Join the Poultry Science Alumni Organization today!**

For more information, contact Gary Davis, 479-575-7526 or gddavis@uark.edu

If you are already a member, encourage other Poultry Science alumni to join today!

**Poultry Science Department bbq cooking team took first place honors at 2011 Poultry Festival**

The Poultry Science Department bbq cookoff team took first place in the Allied Company Division at the 2011 barbecue contest held during the 52nd Annual Poultry Festival in Rogers, AR.

John Pruett, research technician for the department, created two different rubs that were used on the chicken and spent about a month perfecting the bbq sauce that was used.

**Dr. Mike Kidd visits with seniors Kristen Byrne and Laura Frank during the 2011 International Poultry Expo in Atlanta, GA. Juniors and seniors from the department were able to attend the event which drew over 20,000 poultry and feed industry leaders from all over the world. They also spent two days interviewing with companies for jobs and internships. The poultry science club was awarded a third place trophy in the Club of the Year contest.**
Students volunteer at 52nd Annual Poultry Festival

The 2011 Allied Industry Scholarship Auction was held on Saturday, June 18th during the Poultry Federation’s 52nd Annual Poultry Festival. The event was held at the John Q. Hammons Convention Center in Rogers. This year’s auction raised over $80,000.

Students volunteering as temperature takers at the BBQ Contest were, l to r: Ethan Holt, Lauren Wilson, Nik Birchfield, Valerie Brewer, Hanna Arambel and Jessica Fritts

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The biggest kid of all? Dr. Mike Kidd, winner of the drawing for the all electric utility vehicle donated by Wiese USA.

PAACO poultry training has new location and co-sponsor

The poultry welfare auditing training course offered by the Professional Animal Auditor Certification Organization, Inc. (PAACO) will be held August 9-11, 2011 in Fayetteville, AR, hosted by the University of Arkansas Department of Agriculture and Cooperative Extension Service.

Industry professionals will comprise the staff of instructors for the PAACO training. Guiding trainees through both lecture and site visits will be Dr. James Barton, laboratory director of the Poultry Federation Laboratory; Dr. Sacit “Sarge” Bilgili, professor of graduate program offices in the poultry science department of Auburn University; Dr. Karen Christensen, director of technical services at O.K. Farms, Inc.; Dr. Temple Grandin, president of Grandin Livestock Handling Systems; Dr. David Hermes, regional veterinarian for broiler chickens and turkeys, Perdue Farms; Michael Lopez, assistant national supervisor of audits for the USDA/AMS poultry programs; Dr. Ryn McDonald, director of technical services at CalMaine Foods; Dr. Tom Tabler Jr., project/program manager in the department of poultry science at the University of Arkansas; Dr. Yvonne Thaxton, professor and director of food animal well-being in the department of poultry science, University of Arkansas; and Dr. Susan Watkins, professor and director of applied broiler research, department of poultry science at the University of Arkansas.

Class size is limited and registrations are accepted on a first-come, first served basis.

PAACO is an organization of five professional animal industry organizations representing scientists and veterinarians with extensive expertise on best management practices and current science in animal agriculture. The organization’s purpose is to promote the humane treatment of animals through education and certification of animal auditors as well as the review and/or certification of animal audit instruments, assessments and programs.
Poultry Science Club unveils community service project aimed at teaching youth about the poultry industry, where their food comes from

Members of the poultry science club kicked off their new community service project, PEEP (Poultry Education Program) on April 15 at Willis Shaw Elementary in Springdale. They guided four 5th grade classes through the interactive program and it was such a success they were asked to come back next fall.

The goal of PEEP is to educate students who are two to three generations removed from a farm about the poultry industry and where their food comes from.

The program curriculum was developed by Valerie Brewer. Students are led through a series of displays and are assisted in various activities such as identifying feed ingredients, classifying eggs according to their size and candling eggs for quality.

Children also learn that in return for the wonderful care that farmers give their animals, they receive a nutritious, affordable product that helps them grow.

The poultry science club will be traveling to schools throughout Arkansas in the fall with this program.

Top right: Terik Jones helps a student weigh his egg; Bottom left: Poultry science club members Katie Evans (with Gertie), Emily Lhamon, Valerie Brewer, Terik Jones and Hanna Arambel; Bottom right: a 5th grader at Willis Shaw Elementary looks at a live chick inside an egg.

Companies provide 20 students with internships

Twenty poultry science students are working hard this summer at internships provided locally and worldwide. They are: Steven Hutter, Cargill; Joshua Smith, Tyson Foods; Justin West, Cal-Maine; Lauren Wilson, Benton County Foods; Jessica Fritts, Cobb-Vantress; Katie McGhee, Irkiraro Corp & One Egg Org, Africa; Jake Stonebarger, Simmons Foods; Joel Thompson, Clearview; Casse Curtis, Cal-Maine; Dustin Dixon, Benton County Foods; Cody Howard, Haiman Tyson, China; Katie Evans, Applied Broiler Research Farm; Nathan McDowell, Applied Broiler Research Farm; Terik Jones, Cobb-Ventress, Brazil; Sarah Wright, poultry science department; Kaylee Rowland, Cobb-Vantress; Tyler Pendergraft, First National Bank of Berryville; Andrew Hawthorn, University of Arkansas Diagnostic Lab; and Ethan Holt, poultry science department.

Gallagher, Lhamon selected Bumpers College Student Ambassadors

Cody Gallagher and Emily Lhamon, both poultry science majors, were selected to serve as Bumpers College Student Ambassadors for 2011-2012. The Ambassador program was established as an effort to enhance student development and leadership skills within the college. The program fosters interaction among Bumpers College student organizations, provides liaisons between the college Dean’s Office and acts as a student recruitment tool. Ambassadors work with both on-campus and off-campus recruiting activities and co-host activities with college student organizations and with the College Dean’s office. Ambassadors receive a stipend for the academic year of their appointment, and appointments are re-evaluated at semester break.
as a novel animal model that is readily establishes IPAH-susceptible broiler chickens developing spontaneously. This publication on the journal's cover. The experiments recorded in the publication demonstrate the spontaneous development of obstructive complex vascular lesions (plexiform lesions) in the lungs of broiler chickens selected for enhanced susceptibility to idiopathic pulmonary arterial hypertension (IPAH).

Human patients suffering from IPAH typically succumb (die) within 3 years after diagnosis, in part due to complications attributable to obstructive pulmonary vascular pathology and plexogenic arteriopathy. Attempts to better understand the pathogenesis of plexiform lesion development in human IPAH patients have been hampered by a dearth of animal models in which plexiform lesions develop spontaneously. This publication establishes IPAH-susceptible broiler chickens as a novel animal model that is readily available for biomedical researchers to use in unraveling the complex pathogenesis of plexogenic arteriopathy. This research was supported by NIH/National Heart Lung Blood Institute Grant 1R15HL092517 01 (RFW PI; DDR, GFE and NBA Co-PI).
Left: At the poultry science club end-of-year banquet April 26, new officers for 2011-2012 were installed. They are, from l to r: Emily Lhamon, Secretary; Famous Lue Yang, Publicity; Katie Evans, Photographer; Katie McGehee, Treasurer; Kaylee Rowland, Vice President and Terik Jones, President. Below left: Kristen Byrne, club president for 2010-2011, was Poultry Science Alumni Group ring recipient. Below middle: Graduating seniors were, back row l to r: Steven Hutter, Corbin Allen, Alex Gilley and Tyler Clark; middle row l to r: Whitney Tollett, Savannah Fiscus, Kristen Byrne and Kaitlin Mitchell; front: Laura Frank. Below right: Katie Evans was the recipient of the 2011-2012 Poultry Science Alumni Group Scholarship. The 2011 recipient of the Friend of the Club award went to Jerry Moye of Cobb-Vantress.