

College of the Ozarks Agriculture Department

FEBRUARY 2012

VOLUME 1, ISSUE 4



Student Spotlight

Caylen Cantrell is the featured student for this newsletter. Caylen was born and raised in Plato, Missouri. She grew up on a beef farm and owned and operated a lawn mowing business. Caylen is now a junior with a double major in Agribusiness and Horticulture. She currently works in the Landscaping Department. Caylen's favorite part of working in the Landscaping Department is working with the supervisors and all the different experiences she gets to encounter. Her supervisor David Ray says that, "Caylen is a very hard-working, dependable individual who is an outstanding crew leader. Everyone enjoys her personality and she is a good example for incoming freshmen as she has had experience with irrigation, greenhouse operations, and garden management." Caylen also has an off campus job at Table Rock State Park where she weedeats, mows grass, cuts trees, and builds fencing. Caylen was just awarded the Master Gardeners Scholarship for her work and leadership on the college's garden project. Following graduation from C of O, Caylen would like to work for a greenhouse or nursery or possibly open up her own landscaping company.

Faculty And Staff Spotlight

Tammy Holder is the assistant dairy manager in the Agriculture Department. She plays a major role in the milk processing room and several other areas at the dairy. Tammy has been at College of the Ozarks for just under two years, but has been teaching a total of 15 years. Before filling the position of Herb Keith, teaching the agronomy courses at C of O, Tammy taught at Crowder College for 13 years. When asked about why she wanted to be a professor at C of O, Tammy replied, "because it was my *alma mater* and I enjoyed my time here as a student."

Tammy has also been the key person involved in pasture and hay field development. Tammy's educational background consists of graduating from high school in Neosho, MO, receiving an A.A. degree at Crowder College, a B.S. degree in Biology and Ag. Business at C of O. She then went on to receive an M.S. degree in Agronomy with an emphasis in Forage Physiology at the University of Arkansas. While interviewing Tammy, she stated that her favorite part of the job is "working with the students." Tammy also told us that her favorite Bible verse that she lives by is Colossian 3:23, "Do all things as though you are doing them for the Lord."



Featured Farm

This issue's featured farm operation is the dairy managed by James Penn, and assistant Tammy Holder. College of the Ozarks has been milking cows since the institution's beginning when B.F. Hall was hired and purchased the school's first cow in 1907. Agriculture, especially dairy farming, exemplifies the traditional family values that the college promotes. College of the Ozarks Dairy milks 50-60 cows, which consists of Guernseys, Holsteins and Jerseys. This past October, C of O formed a partnership with Berry College (Georgia) by adding eight Jersey cows. We are very excited to have the Jerseys in our herd, and look forward to having them in our rotational grazing system. All of our cows are currently being milked three times per day, and the Holsteins have been averaging over 90 lbs per day. The herd as a whole has been averaging around 86-88 lbs per day, and the top Holstein cow, "Bertha," milked 158 lbs one day this winter.

There are typically 35 students who work at the dairy farm. Students are responsible for a wide variety of tasks which include everything from milking, doing health checks, feeding calves, breeding cows and heifers, making hay, pasture management, to processing milk. The dairy is used as a part of the curriculum in several courses in the Agriculture Department which include: Animal Health, Dairy Production, Advanced Dairy Farm Management, Artificial Breeding, Dairy Cattle Selection, Animal Science, and Animal Nutrition. Student worker, Nick Norwine said, "It is very beneficial for students to have hands-on experience through classroom involvement at the dairy."

This spring we will offer C of O Advent Rose-TW (86 pts) to sell at the Oklahoma State Holstein Sale, April 13, 2012. In March, students will be preparing for the FFA dairy cattle judging workshop, and getting three head of cattle ready for the Missouri State Holstein Spring show in Columbia Missouri. This May we will have the 14th annual "Ozark Jubilee" Guernsey sale on our campus. The sale will be held on Thursday, May 17, 2012 at 11:00 A.M and will offer some outstanding Guernsey cattle from all over the U.S. College of the Ozarks Dairy will also be one of the host day tours for the National Holstein Convention this upcoming June. We anticipate having over 250 registered Holstein breeders from all over the U.S. visit our dairy. If you would like to visit our dairy at the College of the Ozarks campus and see what we are up to, please give us a call at (417) 334-6411 ext. 3353.



James Penn preparing cows for Artificial Breeding class

DOES THE FARMER PLOW CONTINUALLY TO PLANT SEED ? DOES HE CONTINUALLY TURN AND HARROW THE GROUND ? DOES HE NOT LEVEL ITS SURFACE AND SOW DILL AND SCATTER CUMIN AND PLANT WHEAT IN ROWS, BARLEY IN ITS PLACE AND RYE WITHIN ITS AREA ? FOR HIS GOD INSTRUCTS AND TEACHES HIM PROPERLY.

-ISAIAH 28:24-26

Calendar of Events

- February 16– Blood Drive– Noon-6pm Keeter Gym
- February 17-Men's Basketball vs. Bellevue Convo. -7:30pm-Keeter Gym
- March 2, 3, 5, 6-Spring Musical Production "Little Women"-7:30pm-Jones Auditorium
- March 3– FFA Workshop
- March 4-Spring Musical Production "Little Women"-2:30pm-Jones Auditorium
- March 7-13-NAIA Division II Men's Basketball Tournament-Keeter Gym
- March 19-23-Spring Break/Student Work Week
- March 28-Temple Grandin Convo.-7pm-Jones Auditorium
- April 16-Agriculture Awards Assembly-4:00pm-Youngman Agriculture Dome
- April 26-Awards Convo-7pm-Jones Auditorium



Pictured above: Cody Meyer, Michael Hemme, Ty Rowland

Dairy Challenge

This past November, Cody Meyer, Michael Hemme, and Ty Rowland, all senior herdsmen at the college dairy, were able to attend the North American Intercollegiate Dairy Challenge in Live Oak, Florida. This two day event allows students from across the nation to apply theory and learning to a real-world dairy while working as part of a team. Day one requires students to develop a comprehensive program including recommendations for nutrition, reproduction, milking procedures, health, housing, and financial management. During day two, teams present these recommendations to a panel of judges where they are questioned and evaluated. The dairy challenge is a huge benefit to students and the dairy industry as a whole as it prepares students for their futures. When asked about the trip, Cody said, "It was really interesting to see the different ways Florida dairies operate and manage their cows; heat stress is a major issue in the southeastern regions. It also helped us to see real-world operations and practice our public speaking." This trip allowed them to meet many people and they were surprised by the fact that they did very well for a smaller school.

Farm Bureau Aggie Club

- February 8-Bowling at Reed Springs
- February 16-18-Farm Bureau's National Discussion Meet (Noble Carpenter)
- March 1-Meeting-6:00pm-Agriculture Dome
- March 11-17- Community Service Project
- March 19-21- Farm Bureau Washington, DC Trip
- April 16-Spring Fling-Sale Barn (After Agriculture Awards Assembly)

FFA

- February 23-Meeting-6:00pm-Agriculture Dome
- March 15-Community Service Project at Sycamore Log Church
- March 28-Meeting-6:00pm-Agriculture Dome
- April 3-Agriculture Olympics-6:00pm
- April 16-Spring Fling-Sale Barn (After Agriculture Awards Assembly)
- April 26-Meeting-6:00pm-Agriculture Dome



Farm Bureau Aggie Club's Kickball Tournament