

# ***HUTSON SCHOOL OF AGRICULTURE***

## **ANNUAL REPORT**

**Academic Year 2014-2015**





# TABLE OF CONTENTS

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## **EXCELLENCE**

- Alumni Excellence 3
- Faculty Excellence 6

## **Development**

- Grants/Giving 7

## **Student Excellence**

- Student Achievements 8
- 2014-2015 Award Winners 10
- Graduate Research 11
- Undergraduate Research 13

## **EXCELLENCE/OUTREACH/COMMUNITY**

**Breathitt Veterinary Center 14**

**Wm. Bill Cherry Expo Center 15**

## **Events and Activities**

- Twilight Tobacco Tour 16
- Back to School Picnic 16
- Racer Roundup 16
- Fall on the Farm 17
- Alumni Picnic 18
- Toys for Tots Toy Drive 18
- Excellence in Agriculture Luncheon 19
- Soybean Promotion Day 19
- Career Fair 19
- Alpha Zeta Banquet 20
- FFA Field Day 20
- IFAL 21

**Racer Academy 22**

**International Involvement 23**

## **RECRUITMENT/RETENTION**

- Special Events 24
- School Visits 25
- FFA Banquets 25
- Racer Academy Visits 26
- Freshman Enrollment & Retention 27
- HSOA Total Enrollment History 28
- Degrees Conferred 28

## OUTSTANDING ALUMNUS

The 2014 Outstanding Agriculture Alumnus award was presented to Mr. Todd Barlow during the 2014 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Todd is originally from Paducah, KY and graduated from Reidland High School. He received his Bachelor of Science degree in Agribusiness Economics from Murray State University in 1990, and was also named the Outstanding Senior in Agriculture. While at MSU, Todd was active in a variety of academic and social organizations including Alpha Gamma Rho fraternity. In addition, he did completed coursework in Chemistry at the University of Louisville from 2000-2002. He attended Missouri Auction School in 2003, where he received his auctioneering license. Todd is also a graduate of the ALPS Executive Management Program of Purdue University. This is an extensive, non-degree management development program created for Syngenta.



■ Todd Barlow ■  
2014 Outstanding Alumnus

Todd is currently an employee of Syngenta Crop Production, LLC. He has been with the company since 2009 and currently serves as Senior State Affairs Manager for the Southeastern and Midwestern United States. In this job, he is responsible for developing and maintaining beneficial relationships with commodity organizations, state governmental agencies and state legislators.

Todd served as the Chief Executive Officer of the Kentucky Corn and Small Grain Growers Association from 1992-2009, and was a sales manager for CIBA-GEIGY in Saginaw, MI, where he increased their sales volume from 2.0 million to 2.7 million in less than two years.

Along with an impressive academic reputation, Todd is involved in several organizations fulfilling a variety of rewarding leadership roles including: chairman of the Southern Crop Production Association State Affairs Committee, Board of Directors and founding board member of Commonwealth Agri-Energy ethanol production facility, Board of Directors for BioPlastics Inc. and founding board member of the Michigan based plastics company, Past President of the Kentucky Agriculture Council, member of the Kentucky Society of Association Executives, Board of Directors for the Kentucky Ag and Environment in the Classroom, Past President of the Louisville Ag Club, and Treasurer of the Kentucky Commodity Tent Committee.

While working, lobbying, and leading others, Todd is also always serving as an official or unofficial ambassador for Murray State, Murray State Agriculture, and the agriculture industry as a whole. He is a past Board of Governors member of the MSU Alumni Association and Past President of the Louisville Area Murray State University Alumni Association. As Kentucky Corn Grower Executive Director, he also worked with Dr. Jim Davis and MSU Agriculture on several different partnership beef initiatives.

## OUTSTANDING YOUNG ALUMNUS



■ Alexander Young ■  
2014 Outstanding  
Young Alumnus

The 2014 Outstanding Young Agriculture Alumnus award was presented to Mr. Alexander Young during the 2014 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Alex received his Bachelor of Science degree in Agricultural Science with a minor in Political Science from Murray State University in 2004, where he was also named Outstanding Senior in Agricultural Science. He then attended the University of Tennessee where he earned his Master of Science degree in Agricultural Economics in 2006. After completing his education, Alex returned to the family farm and is now owner and operator of his own row crop farm in Christian County, Kentucky. The Young farm consists of approximately 4,000 acres of corn,

wheat, and double crop soybeans. He states, "We don't love technology for technology's sake, but we get excited about feeding more people with each additional advancement."

Aside from his work on the farm, Alex serves as the director of the Christian County Kentucky Agricultural Development "Phase I" Board and as a member of the Board of Directors and Vice Chairman for Southern States Agricultural Cooperative. He was selected to participate in Class 9 of the Kentucky Agricultural Leadership Program.

Alex worked for the School of Agriculture as a student, and continued to support the program following graduation. He has even served as an adjunct instructor for a Precision Agriculture course at Murray State's Regional Campus in Hopkinsville.

Not much has changed about this recipient's dedication and passion for agriculture since he was a student at Murray State. His list of accomplishments and rewarding endeavors only reflects positively upon the agriculture community, the University, and himself. A man after God's own heart, Alex is not afraid to publicly profess his faith in God, family, and farming.

Alex resides in Christian County, Kentucky with his wife Brandy and his children Jarod, Lilly, and Katherine.

## OUTSTANDING YOUNG ALUMNUS

The 2014 Outstanding Young Agriculture Alumnus award was presented to Mr. Scott Lowe during the 2013 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Scott is a 2005 graduate of Murray State University. He was born and raised in Calloway County and graduated from Calloway County High School in 2000. While studying Agricultural Science Technology at MSU, Scott also began a farming operation that consisted of 2 acres of tobacco and 40 acres of soybeans. This operation has since grown to include 90 acres of dark fired tobacco and 500 acres of corn and soybeans, in addition to a commercial herd of black Angus cattle. Scott's operation has received many awards including the 2010-2013 Dark Fired Tobacco Yield Contest winner for the Kentucky Young Farmers Association, the 2010 and 2013 State Winner in Yellow Corn Production, and the 2012 State Winner in Irrigated Upland Soybeans, as well as State Winner in Bottom Land Soybeans.



■ **Scott Lowe** ■  
2014 Outstanding  
Young Alumnus

Since his educational career at Murray State, this busy farmer has been involved in a variety of leadership roles including: Calloway County Farm Bureau Board of Directors, Young Farmer Chair for Calloway County Farm Bureau, Board Member for the Calloway County Agriculture Development Board, current member of the Kentucky Farm Bureau State Young Farmer Advisory Committee, and the Calloway County Young Farmers Association Advisory Committee. He is also a member of the MSU/USSTC Lead Class and the Southern States Leadership Class. Scott has served as the Secretary, Vice President, and President of the Kentucky Young Farmers Association and was named 2013 Kentucky Member of the Year.

Scott is married to Shea Stonecipher Lowe, and they have two daughters, Sayde and Saylor. He is a member of Oak Grove Cumberland Presbyterian Church, where he serves as song leader and music director.



# FACULTY EXCELLENCE

- **Ms. Barbie Papajeski** was approved as a charter and active member of the Academy of Veterinary Clinical Pathology Technicians in November 2014 and is now a recognized Veterinary Technology Specialist (VTS) in the area of Clinical Pathology.
- **Dr. Shea Porr**, Equine Science, will be returning to Qingdao Agricultural University (QAU) for the second time to teach courses for the QAU Equine Program during summer 2015. In addition, Dr. Porr was invited to speak at the Kentucky Veterinary Medical Association's Annual Meeting. Her presentation topics included Barn Fires: Tips for Prevention and Preparation, and Getting Them Out Without Getting Them in Trouble: Large Animal Technical Rescue.
- **Dr. Ramesh Gupta**, Professor and Head of Toxicology at Breathitt Veterinary Center authored a second edition of his textbook *Handbook of Toxicology of Chemical Warfare Agents* that was released in February 2015.

## GRANTS/GIVING

- Dr. Louis Boyd and his wife, Rebecca established the Rebecca Conner Boyd Scholarship for agriculture students. Their gift will allow students from Calloway County or Graves County, Kentucky pursuing a degree in agriculture to apply for financial assistance.
- Mr. Andy Buhler and his wife, Ginny signed a charitable trust fund over to Murray State University to benefit both the Hutson School of Agriculture and the men's basketball team. Both Mr. and Mrs. Buhler are graduates of MSU and want to make a difference for the future.
- The Arboretum at Murray State University hosted the inaugural Hutson Harvest Gala as a fundraising event to complete the mountain and pond exhibit. One hundred fifty guests gathered at the Arboretum and raised over \$11,000. Thanks in part to Hutson, Inc. title sponsorship of \$6,000, all proceeds from the evening heled to construct a pergola at the top of the mountain.
- A \$6,000 grant was received from the Council for Burley Tobacco to assist in the research project entitled *Evaluation of Chemical Topping in Burley Tobacco*.
- A \$6,872 grant was received from the U.S. Poultry Federation to assist in the growth of the poultry industry and opportunities at Murray State.
- Cannavest, a company located in California, provided \$10,200 for hemp research. MSU hosted a BioEnergy Day on October 22, 2014 and harvested its first industrial hemp crop.
- The Crop and Soil Judging Teams received sponsorship from three organizations for their experience at Clemson University this year. River Bend Ag committed to a sponsorship of \$1,000 for the next four years, Delta Growers Cooperative committed to \$250 over the next four years, and Hurley and Associates provided a onetime sponsorship of \$1,000. The students who participate on these teams gain valuable hands-on experiences to take with them throughout their professional careers.
- Altria - U.S. Smokeless Tobacco Company awarded a \$20,000 grant to fund their scholarship
- Altria - U.S. Smokeless Tobacco Company awarded a \$15,000 grant to fund a greenhouse dedicated to tobacco research.

## STUDENT ACHIEVEMENTS

- **Michael Dobbs** served as the 2014-2015 MSU SGA President .
- **Rachel Ross**, sophomore agribusiness major, was selected as the 2014 MSU Homecoming Queen. In addition, Rachel was also selected as the 2015-2016 MSU SGA Treasurer.
- The **Horticulture Club** was the recipient of the 2014-2015 Outstanding Community Service Project of the Year during the annual Student Leadership Awards banquet held April 21, 2015.
- The **Pre-Veterinary Medicine Program** had 15 students apply to veterinary school, with 11 of these students gaining acceptance into 7 different institutions.
- **Lauren Hamm** was the recipient of a Research Scholar Fellowship for her research project, *Effects of Ivermectin and Moxidectin on Equine Parasites in Horses in Western Kentucky*. Her poster was accepted for the Undergraduate Competition at the Equine Science Society Conference held in St. Petersburg, FL in May 2015.
- **Morgan Ernst** was the recipient of an Undergraduate Research and Scholarly Activity grant for her undergraduate research project, *Correlation of Rider Weight on Equine Stress*. In addition, she competed in the Undergraduate Competition at the Equine Science Society Conference in St. Petersburg, FL in May 2015.
- Graduate student, **Alysia Conover**, completed her Master's program and presented her project *Effects of a Dietary Supplement to Treat Equine Gastric Ulcer Syndrome* in the Graduate Student Competition at the Equine Science Society Conference held in St. Petersburg, FL.
- **Marisa Bedron** completed her Master's program and competed in the Graduate Student Competition at the Equine Science Society Conference in St. Petersburg, FL. Her project was entitled *Differing Levels of Experience and Education Impact on Learners' Changes in Knowledge and Skills*.
- **Morgan Parisek** was named the 2014 Farnam All-Around Amateur Winner in November at the 2014 American Quarter Horse Association's World Championship Show.
- Hopkins County native, **Ben Hornback** and his family were featured on the Kentucky Proud Popcorn website.
- **Leah Cline** was the recipient of a 2015 Sigma Alpha Leadership Seminar Scholarship. Recipients are recognized for their leadership skills within Sigma Alpha Sorority, the community, and the University.
- **Katelynn Mollett**, senior agronomy student, received 1<sup>st</sup> place for Undergraduate Student Soils Poster Presentation at the 2015 Southern Branch American Society of Agronomy meeting held in conjunction with the Southern Association of Agricultural Scientists conference for her work entitled *The Impact of Tillage Systems on Soil Physical Properties in*



## STUDENT ACHIEVEMENTS

- **Landon Gibbs**, senior horticulture student, received 2<sup>nd</sup> place for Undergraduate Student Soils Poster Presentation at the 2015 Southern Branch-American Society of Agronomy meeting held in conjunction with the Southern Association of Agricultural Scientists Conference for his work entitled *Dynamics of Soil Infiltration Rates in Various Agro-ecosystems*.
- The **Horticulture Club's Judging Team** placed 1<sup>st</sup> in Fruit and Nut Crops and Vegetable Crops, 2<sup>nd</sup> in Greenhouse Floral and Foliage Plants, 3<sup>rd</sup> in Woody Ornamentals, and received 2<sup>nd</sup> place overall honors at the Southern Region American Society of Horticultural Science meeting held in conjunction with the Southern Association of Agricultural Scientists conference. In addition, team member **Landon Gibbs** received 1<sup>st</sup> place individual in Greenhouse Floral and Foliage Plants, 2<sup>nd</sup> place individual in Woody Ornamentals and 2<sup>nd</sup> place individual overall.
- Horticulture Club member **Kaitlin Ziesmer** was selected as the Southern Region American Society for Horticultural Science Association of Collegiate Branches President for the upcoming year.
- The MSU **Equestrian Teams** had a very successful year. The MSU **Stock Team** finished their season 2<sup>nd</sup> in the Region and had 11 riders qualify for Regional Championships. Three riders advanced to Semi-Finals held in Lady Lake, FL: **Amanda Belcher** in Open Rail, **Lauren Hamm** in Advanced Rail, and **Sarah Brown** in Intermediate Rail. The MSU **Hunt Team** finished their season 4<sup>th</sup> in the Region. **Jennifer Hauck, Stasha Hickey, Paige Chamerlick, and Rachael Reed** qualified for Regional Championships, as well as alumni rider **Ashleigh Johnson**. Three riders (**Stasha Hickey, Jennifer Hauck, and Ashley Johnson**) advanced to Zone Competition. **Ashleigh Johnson** finished 1<sup>st</sup> in Alumni Fences and 2<sup>nd</sup> in Alumni Flat and qualified for the National Championships held in West Springfield, MA. Johnson finished 11<sup>th</sup> in Alumni Fences and 7<sup>th</sup> in Alumni Flat. Also attending Nationals was **Katelyn Jaqueway** to compete in the Teresa McDonald Scholarship competition, where she finished 11<sup>th</sup>.
- Equestrian Team Members **Brenna Heiney, Emily Watson, Laura Ganvik, and Rachael Webber** were recognized for their outstanding academic achievement by being selected for the IHSA All-Academic Award First Team. **Kelsey Traylor, Kevyn Cunningham, Lauren Hamm, Melissa Canning, Mercedes Kruse, Sarah Brown, and Stasha Hickey** were selected for the IHSA All-Academic Award Second Team.
- **Kevyn Ann Cunningham** received 2<sup>nd</sup> Runner Up and Most Photogenic in the 2015 Ms. MSU Pageant.
- Miss MSU Rodeo, **Makenzie Market** was named Miss Congeniality at the 2015 Miss Rodeo USA Pageant.

## 2014-2015 AWARD WINNERS

- Outstanding Senior Man in Agriculture:** Charles Michael Dobbs
- Outstanding Senior Woman in Agriculture:** Lauren Hamm
- Outstanding Graduate Student in Agriculture:** Marisa Bedron
- Agriculture Leadership Award:** Haley Barfield
- Outstanding Senior in Agribusiness:** Charles Michael Dobbs and Rebekah Brennan
- Outstanding Agricultural Education Student Teacher:** Kimberly Wilkins
- Outstanding Senior in Agricultural Systems Technology:** Jake Adair
- Outstanding Senior in Agricultural Science:** Angela Survant
- Outstanding Senior in Agronomy:** Katelynn Mollett
- Outstanding Senior in Veterinary Technology:** Kelsie Linneweber
- Outstanding Senior in Pre-Veterinary Medicine:** Danielle Eichelberger
- Outstanding Senior in Animal Science:** Nicki Maselli
- Outstanding Senior in Equine Science:** Klaire Tardiff
- Outstanding Senior in Horticulture:** Landon Gibbs
- |                         |  |   |                                   |                          |
|-------------------------|--|---|-----------------------------------|--------------------------|
| <b>Go Getter Award:</b> | Holly Baklarz<br>Kathryn Prus<br>Cody Thomason | Chelsea Holleman<br>Matthew Rehmer<br>Justin Walker | Anne Jablinski<br>Melissa Schenck | Luke King<br>Memry Stoll |
|-------------------------|--|---|-----------------------------------|--------------------------|
- Outstanding Agribusiness Club Member:** Rebekah Brennan
- Outstanding Agronomy Club Member:** Megan Lawrence
- Outstanding Sigma Alpha Members:** Kelsey Traylor  
Tina Larkin - **Omega Class**
- Brooke Broderick - **Senior**  
Allie Steiner - **Alpha Beta Class**
- Outstanding Block & Bridle Member:** Brandon Boester and Matthew Papineau
- Outstanding AHT/Pre-Vet Club Member:** Vasiliki Wilk
- Outstanding Alpha Gamma Rho Member:** Adam Boutwell and Cole Williams
- Outstanding Horticulture Club Member:** Kaitlin Ziesmer and Dakota Moore
- Outstanding Agricultural Engineering Technology Club Member:** Conner Raymond
- Outstanding Agriculture Ambassador:** Marisa Bedron and Victoria Mohon
- Outstanding Stock Seat Equestrian Team Member:** Lauren Hamm
- Outstanding Hunt Seat Equestrian Team Member:** Jennifer Hauck
- Outstanding Dressage Club Member:** Anna Collins
- Outstanding Horseman's Club Member:** Heather Schott
- Outstanding Cowboy:** Zachary Schlemper
- Outstanding Cowgirl:** Hannah O'Bryan
- Outstanding Senior in Collegiate FFA:** Brittany Tennis
- Outstanding Man in Collegiate FFA:** Daniel Ingram
- Outstanding Woman in Collegiate FFA:** Alexandria Skidmore

## GRADUATE RESEARCH

August 2014, December 2014 and May 2015 Graduate Students participated in research projects as part of their Master's Degree program

### August 2014

- Samantha Doster (McKenzie, TN)  
Advisor: Dr. Pat Williams, Horticulture  
Thesis: *The Effect of Organic Amendments on Pumpkin Seeding Establishment and Juvenile Growth*
- Haley Nichols (Carmi, IL)  
Advisor: Dr. Ramesh Gupta, Professor Veterinary Toxicology  
Research: *Toxicity and Human Exposure to Fipronil, Amitraz and (S)-methoprene From Dogs Treated With Certifect*
- Stephanie Rexing (Evansville, IN)  
Advisor: David Ferguson, Professor Agronomy  
Thesis: *Evaluation of Seed Treatments for Soybean Production in Western Kentucky for 2013*
- Xing Yang (Beijing, China)  
Advisor: Dr. Pat Williams, Horticulture  
Thesis: *The Effects of Changing Container and Weed Fabric Color on Regulating Substrate Temperature for Potted Dendranthema x Morifolium Production*

### December 2014

- Kaitlyne Davis (Kevil, KY)  
Advisor: Dr. Jim Davis, Professor Animal Science  
Thesis: *The Performance of Bagasse as Equine Bedding*
- Xiaoyang Lu (Zhengzhou, China)  
Advisor: Dr. Dwayne Driskill, Assistant Dean  
Research: *Using Grid Soil Sampling at Pullen Farm*
- Hannah Martin (Murray, KY)  
Advisor: Dr. Dwayne Driskill, Assistant Dean  
Research: *An Investigation of Selected Factors That Relate to Human Trafficking in the United States: A State by State Analysis*
- Kristy Maxwell (West Palm Beach, FL)  
Advisor: Dr. William DeWees, Associate Professor, Veterinary Technology  
Research: *The Effectiveness of Formula Calm B in Reducing Anxiety in Restless Horses*

## May 2015

- Malak Alsarraf (Saudi Arabia)  
Advisor: Dr. Dwayne Driskill, Assistant Dean  
Research: *Date Palm Production*
- Azza Baghdadi (Jeddah, Saudi Arabia)  
Advisor: Dr. Dwayne Driskill, Assistant Dean  
Research: *Antioxidants in Crops and Whole Grains*
- Marisa Bedron (Bethany, CT)  
Advisor: Dr. Shea Porr, Assistant Professor Equine Science  
Thesis: *Differing Levels of Experience and Education Impact Learners' Changes in Knowledge and Skills*
- Alysia Conover (Murray, KY)  
Advisor: Dr. Shea Porr, Assistant Professor Equine Science  
Thesis: *Effects of Dietary Supplement to Treat Equine Gastric Ulcer Syndrome in an Equine Herd*
- Beth Ann Dunavant (Murray, KY)  
Advisor: Dr. Jim Davis, Professor Animal Science  
Thesis: *Effects of Three Varieties of Ryegrass on Weight Gain of Stocker Calves*
- Logan Karcher (Dahlgren, IL)  
Advisor: Dr. Jim Davis, Professor Animal Science  
Thesis: *The Effects of Added Energy Through Feed on First Estrus After Parturition and Weight Maintenance*
- Clayton Keiser (Eminence, KY)  
Advisor: Dr. Shea Porr, Assistant Professor Equine Science  
Thesis: *Analysis of Five Biomass Fuel Sources Burned in a Biomass Combustion Unit*
- Derek Lawson (Crestwood, KY)  
Advisor: Dr. Jim Davis, Professor Animal Science  
Thesis: *The Affects of One Year of High Density Stock Grazing on Soil Fertility and Forage Production*
- Hailey Litchfield (Hopkinsville, KY)  
Advisor: Dr. Ramesh Gupta, Professor Veterinary Toxicology  
Thesis: *Safety Evaluation of Permethrin and Indoxcarb in Dogs Topically Exposed to Activyl Tick Plus*
- Taylor Morgan (Ina, IL)  
Advisor: Dr. Alyx Shultz, Assistant Professor Agriculture Science  
Thesis: *Opinion and Knowledge Levels Regarding Agricultural Hemp Production in Western Kentucky*

## UNDERGRADUATE RESEARCH

Seven Hutson School of Agriculture students prepared posters for Posters at the Capitol held on February 19, 2015 in Frankfort, KY.

- *The Effect of Row Spacing, Plant Population, and Maturity Levels on Tetrahydrocannabinol (THC) and Cannabidiol (CBD) Levels in Agricultural Hemp*  
Caleb Brannon (Puryear, TN)  
Faculty Advisors: Dr. Tony Brannon & Mr. Jason Robertson
- *The Correlation of Rider Weight on Equine Stress*  
Morgan Ernst (Harrodsburg, KY) & Lauren Hamm (O'Fallon, IL)  
Faculty Advisors: Dr. Shea Porr & Dr. Michelle Santiago
- *Effects of Ivermectin and Moxidectin on Equine Parasites in Horses in Western Kentucky*  
Morgan Ernst (Harrodsburg, KY) & Lauren Hamm (O'Fallon, IL)  
Faculty Advisors: Dr. Shea Porr & Dr. Michelle Santiago
- *Bioenergy Crop Production and Combustion in Agriculture*  
Anne Jablinski (Murphy, TX), Vaughn Reed (Greenville, KY), William Lenoir (Hopkinsville, KY) & Marisa Bedron (Bethany, CT)  
Faculty Advisors: Dr. Tony Brannon \* Dr. Ted Thiede



## BREATHITT VETERINARY CENTER



The Breathitt Veterinary Center (BVC), located almost 60 miles away from main campus in Hopkinsville, KY is an important unit of the Hutson School of Agriculture. The BVC serves veterinary clinics and veterinarians far beyond the geographic portion of Kentucky where it is situated. In addition, the lab works with the MSU Animal Health Technology program to educate AHT and pre-veterinary medicine students.

This year had brought lots of changes and lots of excitement to the Breathitt Veterinary Center! Progress on the long awaited new BVC facility is on track to be completed in September 2016. Weather has been a challenge for the engineering firm, both winter and summer, but the walls continue to rise. The entire staff is waiting with anticipation occupying the new building, while the actual moving process is viewed with some anxiety.

*Visit us on Facebook*

### **Personnel:**

- Dr. Debbie Reed was named Director of the Breathitt Veterinary Center as of January 2015. Dr. Reed had been the case coordinator at BVC for 9 years following an 18 year career as a mixed animal practitioner.
- Mr. John Goad, long time employee of Clinical Pathology, has retired to rake hay, feed cows, and play with grandchildren. The BVC will miss John and his ready smile and kind heart. We are working on getting this position posted to be filled.

### **Laboratory Improvements:**

- The BVC raised over \$75,000 in grant funds in 2015 that were utilized for equipment upgrades, new equipment purchases and preventative maintenance. While we are set to move into a new building, the equipment that is used daily in diagnostics and surveillance activities will be moved with us. Upgrades and maintenance contracts are largely financed through grant activity, and the BVC regularly seeks out additional funding in this manner.

### **Operations:**

- Almost 10,000 Coggins (EIA) tests were performed at the BVC in 2015.
- The BVC performed just under 12,000 diagnostic accessions during the past year.

## WM. BILL CHERRY EXPO CENTER



Completed in 1976 and dedicated on May 21, 1977, the Western Kentucky Livestock Show and Exposition Center was built in response to requests by the Western Kentucky Horseman's Association, Purebred Livestock Associations and various friends of Murray and Western Kentucky. The facility was renamed in honor of its first director, William "Bill" Cherry, in 2006. The Cherry Expo Center complex is made up of a multi-purpose event facility that consists of a 23,000 square-foot dirt floor arena with graduated seating for 2,714; an 8,647 square-foot staging area with a 6 stall wash rack; a 100 seat classroom; 20 station RV electrical hookup area; and dedicated detached 40 stall barn. Since the initial dedication, over 500,000 individuals have attended a wide array of events.



### **SELECTED 2014-2015 EXPO EVENTS**

#### ***MSU College Rodeo:***

- 5 Regional Colleges Participating
- Saddle Bronc, Bareback Riding, Calf Roping, Team Roping, Goat Tying, Barrel Racing, Bull Riding

#### ***Bull Blowout:***

- 2 night bull riding and barrel racing event held in October and February
- Participants: 150 per night
- Spectators: 1,500 per night

#### ***Outlaw Tractor and Truck Pull***

- Open 2 & 4 wheel drive trucks, Pro-stock 4-wheel drive trucks, Super-stock tractors

#### ***Mid-America Arenacross Series 4 & 5***

- Participants: 150 per night
- Spectators: 1,500

#### ***Western Rivers Livestock Show***

- Livestock show and judging clinic

#### ***American Quarter Horse Association Shows***

#### ***Antique Tractor Show***

#### ***Ag Construction and Safety Days***

#### ***4-H Horse Camp***

#### ***MSU Rodeo Barrel Race Classic***

#### ***Laser Tag Event & Tournament***

#### ***FFA Field Day***

#### ***Regional Farmer's Expo***

#### ***MSU Toy Show***



## TWILIGHT TOBACCO TOUR



The Twilight Tobacco Tour was held August 7, 2014. This yearly event sponsored by the Hutson School of Agriculture and University of Kentucky Extension Service allows area tobacco producers to tour the University's West Farm complex and observe ongoing tobacco research plots. Research conducted during the 2014 growing season included variety trials, herbicide trials, and sucker control trials. Dr. Andy Bailey was on hand to discuss ongoing tobacco research, and all participants were treated to dinner following the tour.

## BACK TO SCHOOL PICNIC

The Hutson School of Agriculture hosted its annual Back to School Picnic on August 26, 2014 at the West Farm Complex. Over 300 agriculture students, faculty, and staff attended "A Taste of MSU Agriculture" and sampled a variety of agricultural products including fried catfish, pork chops, steaks, and chicken strips. Dr. Tony Brannon and graduate students Jeremiah Johnson and Samantha Anderson participated in the ice bucket challenge during this year's event.

This annual event is a great way to kick off the Fall semester and welcome our 200+ incoming freshmen to the Hutson School of Agriculture family.



## RACER ROUNDUP



Murray State University's Collegiate FFA hosted its 20<sup>th</sup> annual Racer Roundup Leadership event on September 12, 2014 in the MSU CFSB Center. In attendance were 721 high school freshman and seniors from 24 chapters in Kentucky and Illinois. Participants were provided opportunities to shape their desired experiences in FFA and to set their goals for their leadership career during high school. Workshops were

facilitated by MSU HSOA agriculture education students and Kentucky State FFA officers. The theme for this year's event was *Green Means GO!™: A Greenhand Experience.*

# EXCELLENCE OUTREACH/COMMUNITY



2014  
**FALL ON THE FARM**  
SEPTEMBER 24-27

The Hutson School of Agriculture and the Agriculture Leadership Council hosted the eleventh annual "Fall on the Farm" September 24-27, 2014. Over 1,200 area elementary and pre-school students and more than 1,000 members of the community attended this event. Students and teachers from Southwest Calloway Elementary, Murray Head Start, Northside Baptist Christian School, First Baptist Church Mother's Day Out, Lamp Home School Group, South Marshall Elementary, Jonathan Elementary, North Calloway Elementary, East Calloway Elementary, Farmington Elementary, Eastwood Christian Academy, Murray Elementary, Benton Elementary, and Central Elementary attended this year's event.

Fall on the Farm strives to provide both an educational and entertaining agricultural experience to children and adults. Returning events included a corn maze, corn pit, pumpkin painting, hay loft slide, climbing walls, water balloon slingshot, inflatable horse races, pedal tractors, rubber duck races, butter making, and milk cow demonstrations as well as educational sessions presented by the Kentucky Soybean Association, Hutson Inc., and Hutson School of Agriculture students. This year's event also featured Animal Tales live animal show. The event continues to grow each year and is made possible through the support of our faculty, staff, and students, as well as numerous corporate and private sponsors.



## **“BACK TO THE FARM” ALUMNI PICNIC**

The 52<sup>nd</sup> annual Agriculture Alumni Association Picnic was held in conjunction with MSU Homecoming activities on October 10, 2014.

Special recognition was given to graduates from the classes of 1964 and 1989 to commemorate their 50<sup>th</sup> and 25<sup>th</sup> anniversaries. Over 100 MSU Agriculture Alumni and their families attended this year's event at the Wm. “Bill” Cherry Expo Center. Games and activities

available for children, as well as those young at heart, helped make this year's homecoming celebration a family friendly event. Mr. Todd Barlow was presented the Outstanding Agriculture Alumnus during a special Dean's Circle luncheon. Mr. Alexander Young and Mr. Scott Lowe were named the 2013-2014 Outstanding Young Agriculture Alumnus.

Hutson School of Agriculture students Lexie Wigginton (Princeton, KY), Angela Survant (Eddyville, KY), Kayla Ferrell (Paducah, KY), Paige Stallons (Hopkinsville, KY), and Isaac Gough (Uniontown, KY) were presented with Alumni Association Scholarships during the event as well.



## **TOYS FOR TOTS TOY DRIVE**



The Murray State University Agribusiness Club sponsored the eighth annual Toys for Tots toy drive this year in memory of former agribusiness professor, Dr. Ken Bowman, who passed away in 2006. This project supports the efforts of the Calloway County Family Resource Center Santa Project and the Murray Family Resource Center Tiger Christmas. Students collected over 700 toys to help fill Christmas wish lists for Children in Murray and Calloway County. In addition, the club sponsored a glow-golf scramble to help raise funds for the toy drive. The toys and more than \$1400 in cash donations were delivered by Agribusiness Club members and advisors Mr. Ryan Morrow and Dr. Michelle Santiago on December 12, 2014.



## EXCELLENCE IN AGRICULTURE LUNCHEON

The annual "Excellence in Agriculture" luncheon was held December 2, 2014. This marked the tenth year for the event designed to recognize outstanding students in the Hutson School of Agriculture. Students in attendance were nominated by faculty and staff for their hard work and dedication to both the University and the Hutson School of Agriculture.

Dr. Jay Akridge, MSU Agriculture Alumnus and Dean of Agriculture at Purdue University served as keynote speaker for this year's event.

## SOYBEAN PROMOTION DAY

The Hutson School of Agriculture and the Kentucky Soybean Promotion Board sponsored the 11<sup>th</sup> annual Soybean Promotion Day on January 20, 2015 at the MSU CFSB Center. This event provides area farmers and agribusinesses with an opportunity to attend informational sessions focused on current trends and developments in agriculture as well as soybean production.

Mr. John McGillicuddy, independent agronomist and co-owner of McGillcuddy Corrigan Agronomics opened the program with discussion relating to the importance of maximizing yields in his presentation entitled "A Strategic Approach to Improving Soybean Yields."

Dr. Jay Lehr, economist, futurist, Science Director of the Heartland Institute, and founder of Environmental Education Enterprises served as keynote speaker for the evening.



## CAREER FAIR



The Hutson School of Agriculture and the Agriculture Leadership Council hosted the Agriculture Career Fair on February 4, 2015. Thirty-nine companies were represented this year at the career fair, and approximately 260 agriculture students attended the event. This annual event gives MSU Agriculture students the opportunity to interact with representatives from companies covering a wide range of agriculture-related careers. Many

companies also conduct on-site interviews for open positions and summer internships.

## ALPHA ZETA AWARDS BANQUET

Alpha Zeta Agriculture Honors Fraternity hosted their annual awards banquet on April 1, 2015. Approximately 290 students, parents, and MSU faculty, staff, and administration attended the banquet. Clubs and organizations take this opportunity each year to recognize their outstanding members. In addition, the Hutson School of Agriculture also recognized its scholarship recipients and outstanding seniors for the 2014-2015 academic



## FFA FIELD DAY

The 63<sup>rd</sup> annual Murray State University FFA Field Day was held April 15, 2015 at the Wm. "Bill" Cherry Expo Center. Over 1,200 students representing 48 high schools from Kentucky, Tennessee, and Illinois competed in events including livestock judging, tractor driving, tobacco judging, nursery and floriculture contests, seed and weed identification, small engines, goat tying, roping, auctioneering and horsemanship. Calloway County High School finished first in overall competition for the tenth consecutive year.



## INSTITUTE FOR FUTURE AGRICULTURE LEADERS

The Hutson School of Agriculture hosted the Institute for Future Agricultural Leaders (IFAL) Conference June 14-18, 2015. IFAL is a five day leadership conference for high school seniors sponsored by Kentucky Farm Bureau. Forty-eight students from across the state attended this year's IFAL, where they participated in team building and leadership development exercises. Participants traveled to Ft. Campbell, KY to participate in team building exercises at the Outdoor Recreation Challenge Course and visited Lowe Farms in Murray to learn how MSU Alumnus Scott Lowe and his family have succeeded as first generation farmers. Students also worked together to research current agriculture issues and prepare for a Discussion Meet modeled after the annual KFB contest. Other activities included a photo scavenger hunt highlighting MSU campus landmarks, Barnyard Olympics, a special presentation by Missy Jenkins-Smith, victim of the 1997 Heath High School shooting, and an opportunity to meet with Hutson School of Agriculture faculty, staff, and MSU Office of Recruitment personnel to get a firsthand account of college life at Murray State.





## RACER ACADEMY

### 2014-2015 Academic Year Enrollment Report

Eighty-nine Kentucky high school agriculture teachers, with an enrollment of over 700 students, participated in the 2014-2015 Racer Academy of Agriculture. Courses offered by the Hutson School of Agriculture included AGR 100 Animal Science, AGR 104 Agriculture Education/Leadership, AGR 130 Introduction to Agriculture Economics, AGR 133 Field Applications in Agriculture, AGR 140 Plant Science, AGR 182 Introduction to Pre-Veterinary Science, AGR 185, Agricultural Leadership, and AGR 199 Contemporary Issues in Agriculture.

#### Participating Schools

Adair County High School	Livingston County High School
Apollo High School	Locust Trace High School
Ballard Memorial High School	Lyon County High School
Barren County High School	Madison Southern High School
Bourbon County High School	Marion County High School
Boyle County High School	Marshall County High School
Bullitt Central High School	Martha Layne Collins High School
Butler County High School	McCracken County High School
Caldwell County High School	Meade County High School
Calloway County High School	Mercer County High School
Campbell County High School	Monroe County High School
Carlisle County High School	Morgan County High School
Christian County High School	Muhlenberg County High School
Conner Senior High School	Nelson County High School
Crittenden County High School	North Hardin High School
Franklin-Simpson High School	Ohio County High School
Fulton County High School	Owen County High School
Gallatin County High School	Owensboro Catholic High School
Garrard County High School	Owsley County High School
George Rogers Clark High School	Randall K. Cooper High School
Grant County High School	Russell County High School
Graves County High School	Shelby County High School
Green County High School	South Warren High School
Greenwood High School	Spencer County High School
Harrison County High School	Taylor County High School
Henderson County High School	Todd County High School
Henry County High School	Trigg County High School
Hickman County High School	Walton Verona High School
Jessamine County High School	Warren East High School
LaRue County High School	Webster County High School
Lee County High School	Williamstown High School
Lincoln County High School	Woodford County High School

## STUDY ABROAD

### IRELAND MAY 12-22, 2015

One characteristic of a Murray State graduate is to have some understanding of cultural diversity and alternative economic and political systems. On May 12-22 Hutson School of Agriculture students participated in an agricultural and cultural tour of the Republic of Ireland. The experience abroad was the culmination of an international study course taken by 25 undergraduate and graduate students during the spring semester. Students visited various agricultural production and processing units to interact with owners and managers. Examples include a peat bog, Mannion's sheep and suckler cow farm, Fernville Connemara Stud, Joyce's Mountain Sheep Farm, Pallaskenry Agriculture College, O'Leary's dairy farm, Old Jameson Distillery, Ardsallagh cheeses, Coolmore Stud, Teagasc Tillage Research Center, Griffin's potato farm and processing facility, and Troytown Grey Abbey Equestrian Hospital. Students also visited Kylemore Abbey, the Cliffs of Mohr, the Ring of Kerry, Blarney Castle, Rock of Cashel, Trinity College, Christchurch Cathedral, and the Guinness Store House. In addition, participants were treated to a sunset kayaking tour on Killarney Lakes, an overnight stay in the Kilkenny Farm Houses, and an evening of traditional Irish music and dancing at the Merry Ploughboy.

MSU faculty and staff members leading the tour were as follows: Dr. Michelle Santiago, Agribusiness Economics; Mr. Matt Shultz, Agriculture Education; Mr. O.L. Robertson, Animal Science; Dr. Jo Robertson, Elementary Education; Ms. Rhea Ann Wright Holland, HSOA Academic Services Coordinator.





## SPECIAL RECRUITMENT & RETENTION EVENTS 2014-2015

<u>Date</u>	<u>Event</u>	<u>Number of Students</u>
8/26/2014	School of Agriculture Picnic (Retention)	301
9/12/2014	Racer Roundup	721
9/12/2014	Purchase Area Soil Judging Contest	28
9/16/2013	Regional College Fair	24
9/17/2014	Majors Fair	7
9/24-27/2014	Fall on the Farm (ALC Project)	2335
9/27/2014	Racer Day I	15
9/29/2014	Kaskaskia College Campus Visit	12
10/1/2014	Mayfield/Graves County Student Leadership Tour	26
10/20/2014	Rend Lake College Campus Visit	12
10/22/2014	Racer Day II	27
10/23/2014	Kaskaskia College Transfer Fair	14
10/29-31/2014	National FFA Convention (3 days)	167
11/13/201	Louisville Dessert Reception	6
11/14/2014	Murray-Calloway County Leadership Tour	24
11/19/2014	FFA State Vet Science & Horse Contests	320
11/25/2014	Agriculture Sales Contest	115
12/1/2015	FFA All-Region Stars Dinner	200
12/2/2015	Excellence in Agriculture Luncheon	150
12/4/2015	Marshall County High School Day	8
1/20/2015	Soybean Promotion Day	223
1/29/2015	West Tennessee Speaking Day	106
2/4/2015	Ag Day 2015 (Career Fair)	260
2/11-14/2015	National Farm Machinery Show (4 days)	74
2/14/2015	Presidential Scholars Interview Day	29
3/10/2015	Pennyrile Region FFA Speaking Day	227
3/11/2015	Racer Day III	21
3/24/2015	Purchase Region FFA Speaking Day	237
4/1/2015	Region I Welding Contest	25
4/1/2015	Alpha Zeta Agriculture Awards Banquet	289
4/3/2015	FFA Regional/State Officer Training	30
4/9/2015	Kaskaskia Visit & Rend Lake Banquet	25
4/15/2015	FFA Field Day (44 schools—IL, KY, TN)	1237
4/17/2015	Honors Orientation	15
4/17/2015	Transfer Orientation I	23
4/18/2015	Summer Orientation I	62
6/4/2015	Summer Orientation II	55
6/6/2015	Transfer Orientation II	14
6/6/2015	Summer Orientation III	44
6/9/2015	KY State FFA Convention Career Show	41
6/14-18/2015	IFAL (Institute for Future Agricultural Leaders)	48
6/19-20/2015	Western Rivers Livestock Clinic	
6/24/2015	Summer Orientation IV	42
6/24/2015	Transfer Orientation III	11
6/29-7/3/2015	Kentucky State FFA Camp	
7/15/2015	Summer Orientation V	28
7/15/2015	Transfer Orientation IV	3
8/7/2015	Summer Orientation VI	
8/7/2015	Transfer Orientation V	

**Total: 7681**

## HIGH SCHOOL & COMMUNITY COLLEGE VISITS

Date	School
9/18/2014	Hopkinsville High School
9/18/2014	Christian County High School
10/3/2014	Montgomery Central High School (TN)
10/20/2014	Muhlenberg County High School
10/23/2014	Greenwood High School
10/24/2014	McCracken County High School
10/24/2015	Central Hardin High School
11/14/2015	Hickman County High School
11/14/2015	Webster County High School
11/20/2015	Lyon County High School
11/21/2015	Caldwell County High School
11/24/2015	Trigg County High School
1/16/2015	Henderson County High School
2/6/2015	Madisonville North Hopkins High School
2/6/2015	Hopkins Central High School
2/28/2015	Marshall County High School
3/3/2015	McKenzie (TN) Career Fair
3/22/2015	Hickman County High School
3/25/2015	Hopkinsville Community College
3/27/2015	McCracken County High School Career Fair
4/3/2015	Graves County High School

## FFA BANQUETS ATTENDED

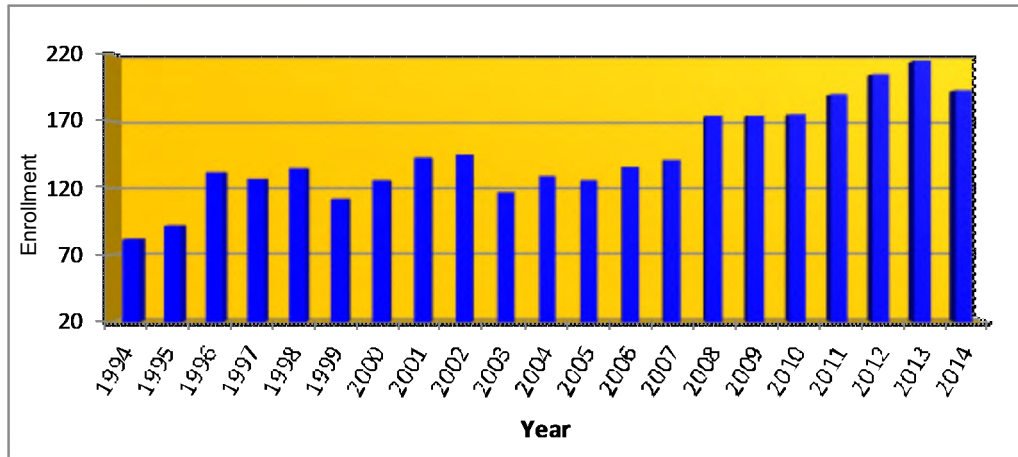
<u>Date</u>	<u>School</u>
3/24/2015	FFA Purchase Region Banquet
4/21/2015	Christian County FFA Banquet
5/1/2015	Calloway County FFA Banquet

## RACER ACADEMY OF AGRICULTURE VISITS

Date	School	Date	School
8/3-15/2014	Kentucky State Fair	4/22/2015	Apollo High School
8/8/2014	Calloway County High School	4/22/2015	Owensboro Catholic High School
8/11/2014	Webster County High School	4/23/2015	Mercer County High School
8/11/2014	Muhlenberg County High School	4/23/2015	Jessmine County High School
8/12/2014	Locust Trace High School	4/23/2015	Woodford County High School
8/12/2014	Scott County High School	4/23/2015	Anderson County High School
8/12/2014	Woodford County High School	4/24/2015	Lee County High School
8/22/2014	Caldwell County High School	4/29/2015	McCracken County High School
9/4/2014	Allen County High School		
10/3/2014	Graves County High School		
10/3/2014	Hickman County High School		
10/22/2014	Fulton County High School		
10/22/2014	Hickman County High School		
10/22/2014	Carlisle County High School		
10/22/2014	Ballard County High School		
11/24-25/2015	Monroe County High School		
12/5/2014	Fulton County High School		
12/9/2014	Caldwell County High School		
12/11/2014	Calloway County High School		
12/29/2014	John Hardin High School		
1/7/2015	Henderson County High School		
1/7/2015	Daviess County High School		
1/8/2015	Jessamine County High School		
1/9/2015	Locust Trace High School		
1/21/2015	McCracken County High School		
2/2/2015	North Hardin High School		
2/2/2015	John Hardin High School		
2/4/2015	Fulton County High School		
2/12/2015	RAA VIP/Basketball Games for Racer Academy Teachers & Administrators		
2/25/2015	Fulton County High School		
3/18/2015	Anderson County High School		
3/18/2015	Washington County High School		
3/19/2015	Bracken County High School		
3/19/2015	Simon-Kenton High School		
3/19/2015	Mason County High School		
3/20/2015	Locust Trace High School		
3/26/2015	Lawrence County High School		
3/26/2015	Licking River Paperwork Day		
3/27/2015	West Carter High School		
3/27/2015	East Carter High School		
3/27/2015	Greenup County High School		
4/1/2015	Caldwell County High School		
4/2/2015	Monroe County High School		
4/3/2015	Barren County High School		
4/3/2015	Greenwood High School		

## HUTSON SCHOOL OF AGRICULTURE FRESHMEN ENROLLMENT HISTORY

Fall 1994 - Fall 2014



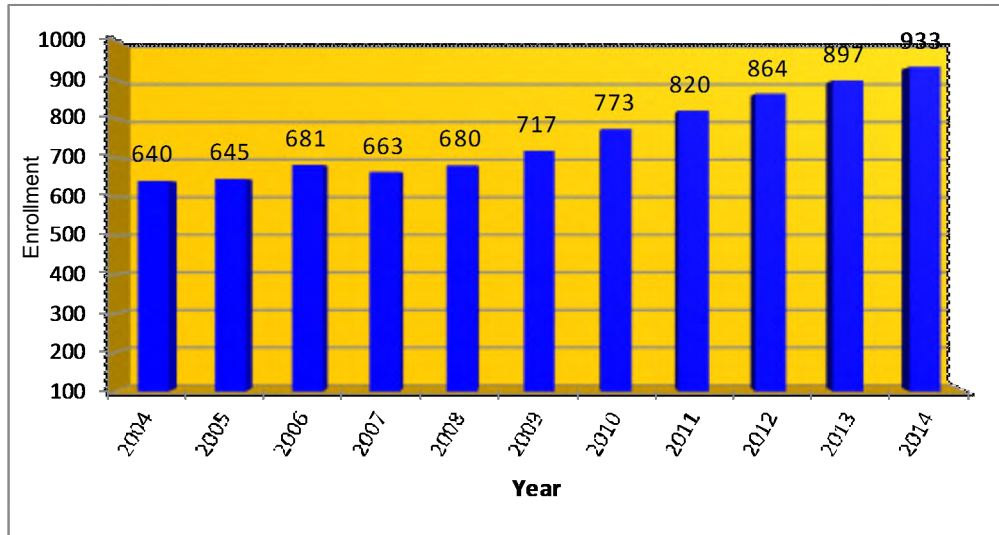
## HUTSON SCHOOL OF AGRICULTURE RETENTION - ALL NEW FRESHMEN

Began Fall 2012 - Returned Fall 2013

Dept.	Academic Program	Initial Cohort	Returned to Same Major	Returned to Same Dept.	Returned to Same College	Returned to Any Program
AES	Animal/Equine Science	27	37.0%	37.0%	51.9%	55.6%
	<b>Total</b>	<b>27</b>	<b>37.0%</b>	<b>37.0%</b>	<b>51.9%</b>	<b>55.6%</b>
AGR	Ag. Systems Technology	9	88.9%	88.9%	88.9%	88.9%
	Agribusiness	25	60.0%	84.0%	84.0%	84.0%
	Agriculture Education	17	58.8%	64.7%	70.6%	70.6%
	Agriculture Science	12	33.3%	66.7%	83.3%	83.3%
	Agriscience Technology	4	50.0%	75.0%	75.0%	75.0%
	Agronomy	5	20.0%	20.0%	20.0%	40.0%
	Horticulture	3	66.7%	100.0%	100.0%	100.0%
	<b>Total</b>	<b>75</b>	<b>56.0%</b>	<b>73.3%</b>	<b>77.3%</b>	<b>78.7%</b>
AHT	Pre-Veterinary Medicine	65	60.0%	66.2%	70.8%	80.0%
	Veterinary Technology	25	76.0%	84.0%	84.0%	92.0%
	<b>Total</b>	<b>90</b>	<b>64.4</b>	<b>71.1</b>	<b>74.4</b>	<b>83.3</b>
<b>School of Agriculture Total</b>		<b>192</b>	<b>57.3%</b>	<b>67.2%</b>	<b>72.4%</b>	<b>77.6%</b>
<b>MSU Overall</b>		<b>1,626</b>	<b>49.4%</b>	<b>52.9%</b>	<b>55.8%</b>	<b>72.6%</b>

## HUTSON SCHOOL OF AGRICULTURE TOTAL ENROLLMENT HISTORY

Fall 2004 - Fall 2014



## HUTSON SCHOOL OF AGRICULTURE DEGREES CONFERRED

2004-2014

