

# *HUTSON SCHOOL OF AGRICULTURE*



## **ANNUAL REPORT**

**Academic Year 2016-2017**

# TABLE OF CONTENTS

## EXCELLENCE

- Alumni Excellence 3
- Faculty Excellence 5

## **Development**

- Grants/Giving 6

## **Student Excellence**

- Student Achievements 7
- 2016-2017 Award Winners 9
- Graduate Research 10

## EXCELLENCE/OUTREACH/COMMUNITY

**Breathitt Veterinary Center 11**

**Wm. Bill Cherry Expo Center 12**

## **Events and Activities**

- Back to School Picnic 13
- Racer Roundup 13
- Alumni Picnic 13
- Fall on the Farm 14
- Agriculture Appreciation Week 15
- Excellence in Agriculture Luncheon 15
- Toys for Tots Drive 16
- Soybean Promotion Day 16
- Career Fair 16
- Agriculture Awards Banquet 17
- FFA Field Day 17
- IFAL 18

**Racer Academy 19**

**International Involvement 20**

## RECRUITMENT/RETENTION

- Special Events 21
- School Visits 22
- Racer Academy Visits 23
- Freshman Enrollment & Retention 24
- HSOA Total Enrollment History 25
- Degrees Conferred 25

## OUTSTANDING ALUMNUS

The 2016 Outstanding Agriculture Alumnus award was presented to Mr. Arthur Green during the 2016 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Mr. Green graduated from Lyon County High School where he was involved in all of the activities of the Ag Department and FFA. He served as chapter reporter and was on the State Championship Parliamentary Procedure team that featured both Green and MSU/MSU Agriculture Outstanding Alumnus Dwight Armstrong, and under the leadership of Mr. Clyde Grace.

Mr. Green received his bachelor's degree in Agricultural Education from Murray State University in 1973, his MS degree in 1975, and his Rank I in 1981. Additionally, he was initiated into Alpha Gamma Rho fraternity in 1970 and went on to serve as Treasurer in 1971 and President in 1973.

Mr. Green began his career as a teacher of Agricultural Education and FFA advisor at Todd County High School, where he taught from 1973 until his retirement in 2006. During that time, he was not just a teacher; he was an active teacher. He served the Todd County Education Association as President, the Third District as President, and was on the Board of Directors of the Kentucky and National Education Associations. He also served the KVATA as Reporter and President.

Retirement from education only led Arthur into his next careers. Following his retirement from Todd County High School, he served as Todd County Judge Executive from 2007-2010 where he also served on many local, area, and state associations and committees.

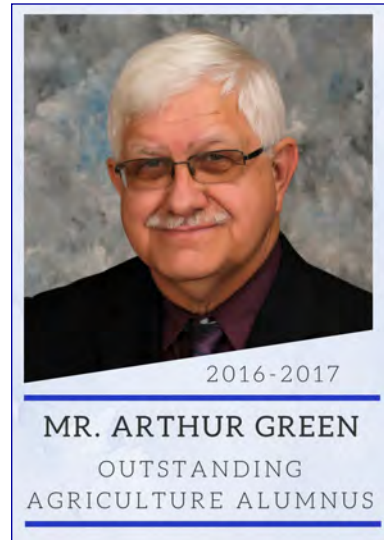
Mr. Clyde Grace taught him the "Living to Serve" part of the FFA motto well. Mr. Green has always served those professions which have meant so much to him. He served on the Kentucky Teachers' Retirement System Board of Directors as an active teacher from 1996-2006, serving as Chair for the 2005-2006 year. After retirement, he once again served on this Board in the capacity of a retired teacher and was again selected to serve as Chair in 2015. He was appointed by the Governor to serve on the Kentucky Educational Professional Standards Board from 2000-2004. He has also served the FFA through the FFA Alumni Association by currently serving as State President; he also serves on the Kentucky FFA Foundation Board.

Mr. Green is not just a member, but an active member of the Elkton Baptist Church where he has served 5 terms as Chairman of the Deacons.

Regular in his attendance at MSU events, Mr. Green can still be found at FFA Days, Field Days, ballgames, etc. as the bus driver for Todd County FFA. He served the AGR fraternity as Alumni Treasurer from 1973-1983 and as a board member from 2013-2016. He was named Alpha Gamma Rho Outstanding Alumni in 1981.

Arthur has a very large family. His family consists of all of his students that he has taught through the years, with whom he remains connected. His mother, who just turned 90 lives on the family farm, and his brother and 3 sisters, as well as several nieces and nephews are nearby.

Mr. Green has set the bar high for himself and for MSU Agriculture.



## OUTSTANDING YOUNG ALUMNUS



2016-2017  
MR. DAVID HAYDEN  
OUTSTANDING YOUNG  
AGRICULTURE ALUMNUS

The 2016 Outstanding Young Agriculture Alumnus award was presented to Mr. David Hayden during the 2016 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

David grew up in the Philpot community in Davies County, Kentucky. He received his Bachelor of Science in Agriculture degree with an area in Animal Science from Murray State University in 2007. While at MSU, David was a member of the Horseman's Club and served as an Agriculture Ambassador, a member of the Agriculture Leadership Council, and as a Director of the Kentucky Junior Cattleman's Association. During his time at MSU, he served as an intern with the Kentucky Department of Agriculture, coordinating stockyard

surveillance throughout the region, and worked livestock inspections at shows and sales.

While working on his degree, David became interested in food science after being challenged to participate in a marketing contest sponsored by Allegro Fine Foods. As a winner of this contest, David received the opportunity to attend the National Food Show in New York City. This soon led to his employment with Allegro as an Assistant Food Technologist from 2005-2007.

While at MSU, David also took the initiative to participate in the National Student Exchange Program and attended Oklahoma State University for a semester. This sample of OSU led him to return there as a Graduate Assistant and he completed his Master of Science with an emphasis in Meat Science in 2010.

His post degree employment began as an Application Specialist with Wolf-Tec Inc. in December 2010. In June 2014, he was promoted to Regional Sales Manager, and in December 2014 his role evolved into a Regional Technical Sales Manager position where he brought the most underperforming sales region from sales of 2.2 million to more than 7 million in just over a year, becoming the leading sales territory within the Wolf-Tec division of JBT Corporation.

He currently serves as a committee member and chair of the American Meat Science Association .

David has remained a consistent supporter of MSU Agriculture since graduation. Following the model of his former Allegro mentors, in 2015 he established the David Hayden Agriculture renewable scholarship of \$1000 per year to be given to a deserving MSU agriculture student. He has exemplified the combination of energy, talent, integrity, productivity, dedication, vision, and excellence that has led to his being named the recipient of the 2016 Outstanding Young Agriculture Alumnus at Murray State University.

# FACULTY EXCELLENCE

- **Dr. Michelle Santiago** was honored as the 2016-2017 MSU Board of Regents Award for Teaching Excellence recipient for the Hutson School of Agriculture.
- **Dr. Amanda Davis** was selected as the 2016-2017 Outstanding Researcher for the Hutson School of Agriculture.
- **Dr. Ramesh Gupta** was recognized for 35 years of service, **Ms. Felicia Jones** was recognized for 20 years of service, and **Ms. Dean Ann Provine** and **Mr. Ryan Morrow** were recognized for 15 years of service at the annual MSU Faculty Awards Banquet.
- **Dr. Bill Payne** was inducted into the Murray State University Education Abroad Hall of Fame in recognition of his contributions to MSU study abroad programs.
- **Dr. Bill Payne** retired from the Hutson School of Agriculture in May 2016 after 41 years of service.
- **Dr. Shea Porr, Dr. Michelle Santiago, Dr. Amanda Davis, and Ms. Barbie Papajeski** published “Effects of Ivermectin and Moxidectin on Fecal Egg Count and Egg Reappearance Rate in Horses” in the *Journal of Equine Veterinary Science*. The article was the culmination of the undergraduate research efforts of Lauren Hamm, Victoria Hedinger, and Morgan Ernst.
- **Dr. Ramesh Gupta** published the Second Edition of *Reproductive and Developmental Toxicology*.

## GRANTS/GIVING

- Altria - U.S. Smokeless Tobacco Company awarded a \$20,000 grant to fund the scholarship program for recipients of the U.S. Smokeless Tobacco Scholarship.
- Bob and Mallory Lawrence hosted nearly 130 Hutson School of Agriculture Alumni, prospective students, current and retired faculty and staff at their home in Trigg County for a summer gathering on July 26, 2016
- The Kentucky Corn Promotion Council gave \$4,000 to support the Arboretum as well as Fall on the Farm. They are the sponsors for the annual corn maze.
- CV Sciences provided \$7,500 to support the hemp research at Murray State. Seventy-five individuals attended the Hemp Education and Field Day on August 4, 2016 to learn more about CBD oil and the endless benefits and opportunities associated with hemp.
- Hutson, Inc. provided a gift of \$10,000 that included the title sponsorship of the Hutson Harvest Gala and will also help co-sponsor four additional events throughout the year for the HSOA.
- The 3<sup>rd</sup> Annual Hutson Harvest Gala fundraising event for the Arboretum was held on September 15, 2016 and raised over \$10,000 for a new children's area that includes a butterfly themed play pocket to create an interactive learning area.
- The Arboretum welcomed over 130 Friends of the Arboretum to help support the ongoing efforts of the facility.
- Judge Jimmy Don Robinson donated his 534 acre farm and two homes in Ballard County, known as Eagle Rest Plantation, to the Murray State University Foundation, Inc. to benefit the Hutson School of Agriculture students, faculty, staff and regional and state agricultural initiatives. The gift was celebrated on Sunday, September 18, 2016 at Ballard Memorial High School.
- The Kentucky Soybean Promotion Board, Tosh Farms, Yum! Brands, Hutson Inc., Kentucky Pork Producers, Kentucky Poultry Federation, and Kentucky Beef Council provided support totaling nearly \$30,000 for the 2<sup>nd</sup> annual Agriculture Appreciation Week.
- The Dean and Nona Akridge Family Scholarship was established to support students pursuing degrees in agriculture and business administration at Murray State University.
- The Betsy Ross Wilcox Foundation continues to support the Hutson School of Agriculture's Rodeo Team, incoming FFA members, and Hutson School of Agriculture student development with a \$20,000 annual gift.
- \$14,000 in sponsorships was raised for the 2017 American Collegiate Horsemen's Association National Convention hosted by the MSU Horsemen's Association in Lexington, KY April 13-15, 2017.
- The grand opening of the new Breathitt Veterinary Center was held on May 11, 2017.
- The Congressman James Comer Agriculture Fellowship was funded by Kentucky Farm Bureau, Kentucky Pork Producers, Kentucky Corn Growers, and Kentucky Poultry Federation. The first Fellowship recipient completed a summer internship in Congressman Comer's office in Washington D.C.

## STUDENT ACHIEVEMENTS

- **Dakota Moore** (December 2016) was named Outstanding Senior Man for December Commencement exercises.
- **Paige Chamerlik** (Equine Science) and **Michael Mann** (Agribusiness) were presented the 2016-2017 Vice President of Student Affairs Top 10 Student Leaders Award at the annual MSU Student Organizations Leadership Awards Banquet.
- The **MSU Agribusiness Team** competed in the 2017 Southern Agriculture Economics Association (SAEA) Quiz Bowl competition held in conjunction with the Southern Association of Agricultural Sciences meetings. Team members included **Benjamin Hornback** (Junior, Slaughters, KY), **Chandler Christian** (Senior, Owensboro, KY), **Hannah Ice** (Senior, West Frankfort, IL), and **Caleb Brannon** (Senior, Puryear, TN). Hornback anchored the team that placed second in the double elimination tournament.
- **Kaitlyn Kastan** (Senior, Equine Science) received a 12 month internship position with Kentucky Equine Research (KER), a well-known equine nutrition and research company located in Lexington, KY.
- Students in the **MSU Horsemen's Association** worked with faculty to coordinate and host the 2017 American Collegiate Horsemen's Association (ACHA) Annual Convention in Lexington, KY. Over 120 people from 11 colleges and universities from across the United States attended the event. Convention activities included tours of several well-known equine veterinary hospitals, breeding and training centers, and other businesses that support the equine industry. Participants also heard presentations on career and professional development from representatives of the Kentucky Department of Agriculture, Kentucky Proud, the Kentucky Horse Council, Kentucky Mounted Search and Rescue, Kentucky Equine Management Internship, and the American Collegiate Rodeo Association.
- **Dare Sutton** (Senior, Equine Science) worked with two other undergraduate students from the University of Kentucky and the University of Pennsylvania to develop the Nexus Racing Club. These students have worked with prominent breeding and training centers to develop ways to attract younger people to invest in Thoroughbred racing.
- **The Agribusiness Team (Kayla Burroughs, Caleb Brannon, Chandler Christian, Hannah Ice, Danielle Caldwell, Breanna Cowsert, Rebecca Mackey, and Caitlin Oakes)** competed at the 2017 North American Colleges and Teachers of Agriculture (NACTA) Student Judging Conference hosted by Kansas State University in April. MSU's team placed 1<sup>st</sup> in the four-year division Agribusiness and Ag Communications competitions. Individual students recognized were **Caleb Brannon** (3<sup>rd</sup> high individual in the Agribusiness and Computer Applications contests) and **Chandler Christian** (4<sup>th</sup> high individual in the Agribusiness contest).

# STUDENT EXCELLENCE

- Dr. Shea Porr and four students, **Monique Hovey** (graduate student), **Hui Zhao** (graduate student), **Shikun Chen** (graduate student), and **Anna Collins** (Senior) attended the 2017 National Association of Equine Affiliated Academics and the Equine Science Society conferences. All four students presented their research in various student competition sections. Monique Hovey placed 3<sup>rd</sup> in the Teaching and Extension section of the Graduate Student section.
- The **Pre-Veterinary Medicine** program had 12 students apply to veterinary school this spring. Seven students were accepted into 4 different schools.
- **Rebecca Mackey** (Junior, Ag Science) was selected as the recipient of the first Agriculture Fellowship for the Hutson School of Agriculture. As part of this program, Rebecca served as an intern in the office of Congressman James Comer in Washington DC.
- HSOA Seniors **Taylor Adcock**, **Anna Collins**, **Caroline Ford**, **Patrick Hooks**, **Dakota Moore**, **Matthew Rehmer**, **Cole Reichert**, **Rachel Ross**, **Emily Watson**, and **Kelsey Woodcock** were selected as part of the 2016-2017 Who's Who Among Students in American Universities and Colleges.



**2016-2017 AWARD WINNERS**

- Outstanding Senior Man in Agriculture:** Dakota Moore & Matthew Rehmer
- Outstanding Senior Woman in Agriculture:** Courtney Gerstenecker & Rachel Ross
- Outstanding Graduate Student in Agriculture:** Katelynn Mollett
- Agriculture Leadership Award:** Heath Durbin
- Outstanding Undergraduate Research Scholar in Agriculture:** Anna Collins
- Outstanding Seniors in Agribusiness:** Matthew Rehmer & Katey Hancock
- Outstanding Seniors in Agricultural Education:** Courtney Gerstenecker & Alexandria Skidmore
- Outstanding Seniors in Agricultural Systems Technology:** Austin Rogers & Dakota Moore
- Outstanding Senior in Agricultural Science:** Jessica Murch
- Outstanding Senior in Agronomy:** Samantha Briscoe
- Outstanding Senior in Veterinary Technology:** Kelsey Woodcock
- Outstanding Senior in Pre-Veterinary Medicine:** James Mackey
- Outstanding Senior in Animal Science:** Zachary Schlemper
- Outstanding Senior in Equine Science:** Kaitlyn Kasten
- Outstanding Senior in Horticulture:** Kevin Goheen
  
- Go Getter Award:**

Ashlee Brown	Lucas Buchmiller	Chandler Christian
Travis Fields	Dera Hale	DJ Hodges
Anna Kathryn LaRue	James Mackey	Michael Mann
Casandra Petersen	Cole Reichert	Bracken Robertson
Sara Schacht	Kandace Tew	Matthew Vohlken
Kelsey Woodcock		
  
- Outstanding Student in Alpha Zeta:** Kelsey Lewis
- Outstanding Agribusiness Club Members:** Benjamin Hornback & Audrey Roberts
- Outstanding Agronomy Club Member:** Josh Tanner
- Outstanding Sigma Alpha Members:** Megan Terry  
Amanda Stricklin - **Alpha Epsilon Class**  
Lexie Mills - **Alpha Zeta Class**
Delaney Brown - **Senior**
- Outstanding Block & Bridle Member:** Kaylee Compton
- Outstanding AHT/Pre-Vet Club Members:** Jacy Isaacs & Brooke Sweet
- Outstanding Alpha Gamma Rho Members:** Heath Durbin - **Senior**     Duncan Thomas - **Junior**
- Outstanding Horticulture Club Member:** Dakota Moore
- Outstanding Agricultural Engineering Technology Club Member:** Riley Hoover
- Outstanding Agriculture Ambassador:** Kaitlin Ziesmer Farlee
- Outstanding Stock Seat Equestrian Team Members:** Emily Watson & Kevyn Ann Cunningham
- Outstanding Hunt Seat Equestrian Team Members:** Willow Kearns & Natalie Himmelberg
- Outstanding Dressage Club Member:** Shannon Wood
- Outstanding Horseman's Association Member:** Paige Chamerlik
- Outstanding Cowboy:** Isaac Logsdon
- Outstanding Cowgirl:** Hannah O'Bryan
- MSU Rodeo Top Hand Awards:** AJ Mercado & Scott Fraser
- Outstanding Man in Collegiate FFA:** Mathew Seifert
- Outstanding Woman in Collegiate FFA:** Kelsie Bewley
- Outstanding Collegiate Farm Bureau Member:** Michael Mann
- Outstanding Collegiate 4-H Member:** MacKenzie Jones
- Outstanding Swine Club Members:** Heath Durbin & Ella Fourqorean

## GRADUATE RESEARCH

December 2016 and May 2017 Graduate Students submitted theses as part of their Master's Degree program requirements.

### December 2016

- Cody Masterson (Burnt Prairie, IL)  
Advisor: Dr. Iin Handayani, Associate Professor, Agronomy  
Thesis: *Evaluating the Impact of Natural and Agricultural Ecosystems on Soil Properties in Western Kentucky*

### May 2017

- Katelynn Mollett (Greenville, IL)  
Advisor: Dr. David Ferguson, Professor, Agronomy  
Thesis: *The Effect of Storage Environment, Fungicide Seed Treatment, and Seed Variety on the Viability and Vigor of Soybean Seeds*

## 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.

The BVC is fully accredited for all animal species by the American Association of Veterinary Laboratory Diagnosticians (AALD). It is the mission of the BVC to provide rapid, accurate diagnostic data that enables veterinarians to make appropriate treatment decisions. The BVC is part of an interdependent team composed of the animal owner, veterinarian, and diagnostic laboratory dedicated to the efficient production of safe animal products to the consumers of Kentucky.

*Visit us on Facebook*

The Breathitt Veterinary Center moved into its new 77,000 square foot facility with 53,000 square feet of laboratory space, BSL-3 suite, and expanded classroom space on February 23, 2017.

The Grand Opening of the new BVC was held on May 11, 2017 with Governor Bevin, Commissioner of Agriculture Ryan Quarles, and the State Veterinarian in attendance, as well as representatives from Kentucky Farm Bureau and the Governor's Office for Agricultural Policy. Guests were provided with tours of the new facility following the dedication ceremony.

### **Personnel:**

- Ms. Michelle Lasher and Dr. Brigetta Hughes submitted posters that were accepted for display at the American Veterinary Medicine Association annual meeting in Indianapolis, IN in July 2017
- Ms. Jami Carroll and Dr. Ailam Lim had posters accepted for display at the American Association of Veterinary Laboratory Diagnosticians conference in October 2017.

### **Operations:**

- The BVC is working closely with State Public Health on mosquito surveillance of the Zika virus.
- The BVC continues to work closely with the Kentucky Department of Agriculture on Avian Influenza surveillance and assisted with the Low Pathogenicity Avian Influenza outbreak in March and April, 2017.
- During Fiscal Year 16-17, the BVC processed over 23,000 total cases (diagnostic and regulatory) and performed almost 186,000 individual tests.

## 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 2016-2017 EXPO EVENTS**

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

- 14 Regional Colleges Participating
- Saddle Bronc, Bareback Riding, Calf Roping, Breakaway Roping, Team Roping, Goat Tying, Barrel Racing, Bull Riding, Steer Wrestling

#### ***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
- Spectators: 2,000 per night

#### ***Kentucky High School Rodeo***

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

- Livestock show and judging clinic

#### ***Intercollegiate Horse Show Association Shows***

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

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

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

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

#### ***Ranch Rodeo & Jackpot***

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

#### ***Laser Tag Events***

#### ***Live Nativity***

#### ***Mid-America Arenacross***

#### ***Pony & Horse Pulls***

#### ***MSU Show Pig Sale***

#### ***Kentucky Bluegrass Invitational Cattle Show***

#### ***Circus***

#### ***Jackpot Barrel Races & Team Ropings***

## BACK TO SCHOOL PICNIC

The Hutson School of Agriculture hosted its annual Back to School Picnic on August 23, 2016 at the Wm. Bill Cherry Expo Center. Over 300 agriculture students, faculty, and staff attended “A Taste of MSU Agriculture” and sampled a variety of agricultural products including pork chops, steaks, and fish. 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 22<sup>nd</sup> annual Racer Roundup Leadership event on September 16, 2016 in the MSU CFSB Center. In attendance were 597 high school freshmen and seniors from 25 FFA chapters in Kentucky, Tennessee, and Illinois. More than 60 MSU students were involved in presenting this year's edition of *Green Means "GO!": A Greenhand Experience*, a series of leadership workshops for high school freshmen. Workshops included 1) *Where the Gravel Meets the Pavement* (how FFA experiences can make career goals possible later); 2) *Experience the Experience* (exploring different types of SAEs available); 3) *Communicate With Caution* (appropriate verbal and non-verbal communication skills and attention to social media image); and 4) *Positive Passengers Wanted* (how positivity in personal and professional actions helps the individual and the group as a whole). In addition, a special seminar was offered for seniors, which focused on assisting senior FFA members with making the transition from high school into post-secondary opportunities.

## ALUMNI PICNIC - HOMECOMING 2016

The 54<sup>th</sup> annual Agriculture Alumni Association Picnic was held in conjunction with MSU Homecoming activities on October 28, 2016. Special recognition was given to graduates from the classes of 1966 and 1991 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. Special entertainment was provided by the Peterson Farm Brothers following the meal.



Mr. Arthur Green was presented the Outstanding Agriculture Alumnus during a special Dean's Circle luncheon. Mr. David Hayden was named the 2016-2017 Outstanding Young Agriculture Alumnus.

Hutson School of Agriculture students Jonathan Curd (Murray, KY), Noah Ferguson (Clinton, KY), Kaitlin McWhorter (Cobden, IL), Noah Norsworthy (Arlington, KY), Joel Reddick (Bardwell, KY), Emily Watson (Flower Mound, TX), and Shelby Vandergraff (Almo, KY) were presented with Alumni Association Scholarships during the event as well.

# EXCELLENCE OUTREACH/COMMUNITY



The Hutson School of Agriculture and the Agriculture Leadership Council hosted the 13<sup>th</sup> annual “Fall on the Farm” September 28-October 1, 2016. Over 1,100 area elementary and pre-school students and more than 1,000 members of the community attended this event.

Students and teachers from North Calloway Elementary, Murray Head Start, Central Elementary (Marshall Co.), Jonathan Elementary (Marshall Co.), South Marshall Elementary (Marshall Co.), Mother’s Day Out, Murray Elementary, Farmington Elementary (Graves Co.), Benton Elementary (Marshall Co.), Southwest Calloway Elementary, Rhea Elementary (Paris, TN), and Eastwood Christian Academy 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., Kentucky Poultry Federation 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.

## **AGRICULTURE APPRECIATION WEEK**

The Agriculture Leadership Council hosted its 2<sup>nd</sup> annual Agriculture Appreciation Week October 28-November 3, 2016. The goal was to spread agriculture awareness throughout the MSU campus community through a series of events including:

### **Friday, October 28**

- HSOA Alumni Association Picnic with special entertainment by the Peterson Farm Brothers

### **Monday, October 31**

- Informational booths highlighting current issues in agriculture set up on campus, including an opportunity for students to meet and greet a variety of farm animals
- Cookout where over 250 students were fed
- Race AGainst Hunger Halloween Fun Run

### **Tuesday, November 1**

- Excellence in Agriculture Luncheon with guest speakers Troy and Stacy Hadrick
- Advocates for Agriculture open forum - Troy and Stacy Hadrick, featured speakers



### **Wednesday, November 2**

- HSOA Fall Internship/ Career Fair

### **Thursday, November 3**

- Monsanto Appreciation Luncheon
- Hunger Task Force Forum - hosted by Commissioner Ryan Quarles
- Meal packaging with Murray Kids Care for Hunger
  - 42,366 macaroni and cheese meals packaged by HSOA students, faculty, and staff

## **EXCELLENCE IN AGRICULTURE LUNCHEON**

The annual “Excellence in Agriculture” luncheon was held November 1, 2016 as part of the 2<sup>nd</sup> annual Agriculture Appreciation Week. This marked the 12<sup>th</sup> 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 HSOA.

Troy and Stacy Hadrick, ranchers from South Dakota and founders of Advocates for Agriculture served as keynote speakers and stressed the importance of students serving as a positive voice for agriculture.

## TOYS FOR TOTS TOY DRIVE

The Murray State University Agribusiness Club sponsored the 11<sup>th</sup> annual Toys for Tots toy drive this year in memory of former agribusiness professor, Dr. Ken Bowman, who passed away in 2006. Dr. Bowman was an avid believer that each child should have a gift during the holiday season, and often supported charities supporting children. 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 800 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 \$2000 in cash donations were delivered by Agribusiness Club members and advisors Mr. Ryan Morrow and Dr. Michelle Santiago on December 8, 2016.



## SOYBEAN PROMOTION DAY



The Hutson School of Agriculture and the Kentucky Soybean Promotion Board sponsored the 13<sup>th</sup> annual Soybean Promotion Day on January 24, 2017 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. Darin Newsome, DTN Senior Analyst opened the program with an overview of market trends and risk management strategies.

Long-time radio broadcaster and WGN Radio and RFD-TV Agribusiness Director, Orion Samuelson delivered the closing session and gave attendees an inside look at his personal journey in the agriculture industry. He challenged the audience to never stop pursuing their dreams.

## CAREER FAIR

The Hutson School of Agriculture and the Agriculture Leadership Council hosted a fall Career Fair on November 2 in conjunction with Agriculture Appreciation Week. Thirty-four companies were represented at the fair and approximately 290 agriculture students attended the event. The annual spring Career Fair was held on February 1, 2017 with twenty-two companies participating. Approximately 230 agriculture students attended the event. These events allow 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.



## AGRICULTURE AWARDS BANQUET

The Hutson School of Agriculture hosted its annual awards banquet on April 5, 2017. Approximately 340 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, outstanding seniors, and outstanding graduate students for the 2016-2017 academic year.



## FFA FIELD DAY

The 65<sup>th</sup> annual Murray State University FFA Field Day was held April 19, 2017 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. In addition, FFA Field Day hosts the Kentucky State Poultry Judging Contest. Caldwell County High School not only received top honors in the State Poultry Contest but finished first in overall field day competition.



## INSTITUTE FOR FUTURE AGRICULTURE LEADERS

The Hutson School of Agriculture hosted the Institute for Future Agricultural Leaders (IFAL) Conference June 11-15, 2017. IFAL is a five day leadership conference for high school seniors sponsored by Kentucky Farm Bureau. Forty-one 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**

**2016-2017 Academic Year Enrollment Report**

Eighty-eight Kentucky and one Tennessee high school, with an enrollment of over 650 students, participated in the 2016-2017 Racer Academy of Agriculture. Courses offered by the Hutson School of Agriculture included AGR 100 Animal Science, AGR 130 Introduction to Agriculture Economics, AGR 133 Field Applications in Agriculture, AGR 140 Plant Science, AGR 182 Introduction to Pre-Veterinary Science, and AGR 199 Contemporary Issues in Agriculture.

**Participating Schools**

Adair County High School	Henderson County High School	Owen County High School
Allen County High School	Henry County High School	Owensboro Catholic High School
Apollo High School	Hickman County High School	Owsley County High School
Ballard Memorial High School	Hopkins Central High School	Randall K. Cooper High School
Barren County High School	Hopkinsville High School	Rockcastle County High School
Bourbon County High School	Jessamine County High School	Rowan County High School
Boyle County High School	LaRue County High School	Russell County High School
Bracken County High School	Lawrence County High School	Scott County High School
Bullitt County High School	Lee County High School	Seneca High School
Butler County High School	Lincoln County High School	Shelby County High School
Caldwell County High School	Livingston Central High School	Simon Kenton High School
Calloway County High School	Locust Trace AgriScience Center	South Warren High School
Campbell County High School	Lyon County High School	Spencer County High School
Carlisle County High School	Madison Central High School	Taylor County High School
Carroll County High School	Madison Southern High School	Todd Central High School
Casey County High School	Madisonville N. Hopkins High School	Trigg County High School
Christian County High School	Marion County High School	Trimble County High School
Conner High School	Marshall County High School	Walton-Verona High School
Crittenden County High School	Martha Lane Collins High School	Warren Central High School
Edmonson County High School	Mason County High School	Warren East High School
Fleming County High School	McCracken County High School	Washington County High School
Franklin-Simpson High School	Meade County High School	Wayne County High School
Fulton County High School	Mercer County High School	Webster County High School
Gallatin County High School	Metcalfe County High School	Williamstown High School
Garrard County High School	Monroe County High School	Woodford County High School
George Rogers Clark High School	Morgan County High School	
Grant County High School	Muhlenberg County High School	
Graves County High School	Nelson County High School	
Green County High School	North Hardin High School	
Greenup County High School	Obion County High School (TN)	
Greenwood High School	Ohio County High School	
Harrison County High School	Oneida Baptist Institute	

## STUDY ABROAD ARGENTINA MAY 14-26, 2017

One characteristic of a Murray State graduate is to have some understanding of cultural diversity and alternative economic and political systems. On May 14-26 Hutson School of Agriculture students participated in an agricultural and cultural tour of Buenos Aires, Mendoza, Rosario, and their respective surrounding areas in Argentina. The experience abroad was the culmination of an international study course taken by 14 undergraduate students and 1 graduate student during the spring semester. Students visited various agricultural production and processing units to interact with owners and managers. This included Schutter Argentina, AACREA, Buenos Aires Cattle Market, Alltech Biotechnology SRL, Catena Zapata Vineyards, Norton Vineyards, Corporacio Vitivinicola Argentina, INTA Lujan de Cuyo Experimental Station, Mueso Nacional del Vino y la Vendimia, Antigua Bodega Giol, Argo Uranga S.A., Caiman, Crucianelli, Mattievich S.A. meat packing plant, Argentina's Flag Monument, Conecar Ganadera Feedlot, Centro de Inseminacion Artificial Venado Tuerto-ClAVT, and the Colegio Salesiano Venado Tuerto Dairy Farm. In addition, participants were afforded the opportunity to take a flora and fauna tour in the Andes Mountains on horseback, enjoy a tango show after dinner one evening, and learn about the history of Buenos Aires and Mendoza through walking and bus tours.

MSU faculty members leading the tour were as follows: Dr. Michelle Santiago, Agribusiness Economics; Dr. Amanda Davis, Animal Science



## SPECIAL RECRUITMENT & RETENTION EVENTS AUGUST 2016– JULY 2017

<u>Date</u>	<u>Event</u>
8/23/2016	Hutson School of Agriculture Picnic (Retention)
9/16/2016	Racer Roundup
9/24/2016	Racer Day I
9/26/2016	Purchase Area Soil Judging Contest
9/27/2016	Regional College Fair
9/28-10/1/2016	Fall on the Farm (ALC Project)
10/10/2016	Evening With Industry
10/11/2016	Louisville Dessert Reception
10/19/2016	Racer Day II
10/19-21/2016	National FFA Convention (3 days)
10/25/2016	MSU Majors & Minors Fair
11/1/2016	Excellence in Agriculture Luncheon
11/2/2016	Fall Agriculture Career & Internship Fair
11/11/2016	Spring New Student Orientation
11/16/2016	FFA State Vet Science & Horse Contests
11/18/2016	Agriculture Sales Contest Region I & II
11/28/2016	FFA All-Region Stars Dinner
12/2/2016	Agriculture Sales Contest Region III
1/24/2017	Soybean Promotion Day
1/31/2017	Evening With Industry
2/1/2017	Spring Agriculture Career & Internship Fair
2/2/2017	West Tennessee Speaking Day
2/4/2017	Presidential Scholars Interview Day
2/7/2017	Admitted Student Open House
2/15-18/2017	National Farm Machinery Show (4 days)
2/24/2017	FFA Regional/State Officer Training
3/10/2017	Pennyrile Region FFA Speaking Day
3/29/2017	Racer Day III
3/30/2017	Purchase Region FFA Speaking Day
4/1/2017	MSU Show Pig Sale
4/5/2017	HSA Student Awards Banquet
4/8/2017	MUS Cattle Show/Sale
4/19/2017	FFA Field Day (48 Schools - IL, TN, KY)
4/19/2017	Region I FFA Welding Contest
4/21/2017	Honors Orientation
4/22/2017	Summer Orientation I
6/1/2017	Summer Orientation II
6/3/2017	Summer Orientation III
6/6-7/2017	Kentucky State FFA Convention
6/11-15/2017	IFAL (Institute for Future Agricultural Leaders)
6/21/2017	Summer Orientation IV
6/23/2017	Summer Orientation V
6/23-24/2017	Western Rivers Livestock Clinic
7/10/2017	Summer Orientation VI
7/11/2017	Kentucky State FFA Camp
7/18/2017	Lawrence New Student & Alumni Gathering

**HIGH SCHOOL &  
COMMUNITY COLLEGE VISITS**

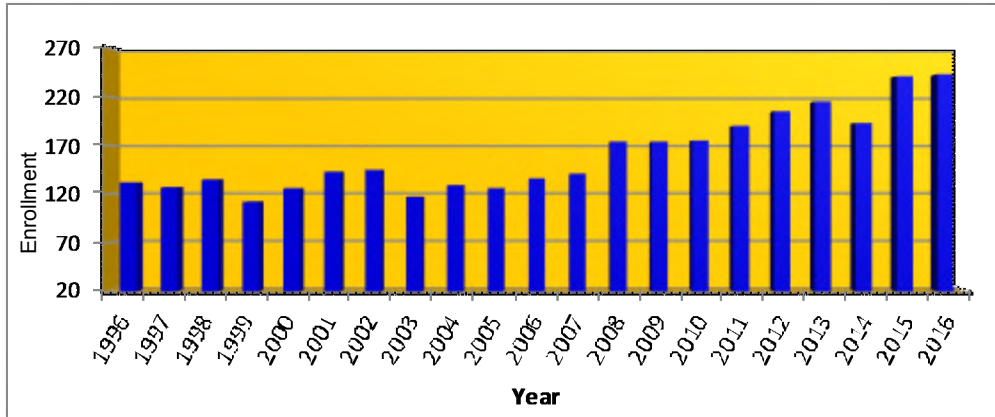
Ballard County High School  
Caldwell County High School  
Calloway County High School  
Carlisle County High School  
Christian County High School  
Dresden High School (TN)  
Graves County High School  
Henderson County High School  
Henry County High School (TN)  
Hickman County High School  
Illinois Ag Expo (IL)  
Kaskaskia College (IL)  
Locust Trace Agriscience Center  
Lyon County High School  
Marshall County High School  
McCracken County High School  
Memphis Field Day (TN)  
Murray High School  
Obion Central High School (TN)  
Ohio County High School  
Shawnee Community College Recruitment Day (IL)  
South Fulton High School (TN)  
Trigg County High School  
Webster County High School

**RACER ACADEMY  
OF AGRICULTURE VISITS**

<b>Date</b>	<b>School</b>	<b>Date</b>	<b>School</b>
8/9/2016	McCracken County High School	1/10/2017	Powell County High School
8/11/2016	Clinton County High School	1/11/2017	Logan County High School
8/11/2016	Southwestern High School	1/31/2017	Carlisle County High School
8/11/2016	Pulaski County High School	1/31/2017	Ballard County High School
8/12/2016	Webster County High School	1/31/2017	McCracken County High School
8/12/2016	Crittenden County High School	2/13/2017	Fulton County Pilot Academy
8/16/2016	Obion County High School (TN)	2/14-17/2017	National Farm Machinery Show
8/18-19/2016	Kentucky State Fair	2/15/2017	Seneca High School
8/23/2016	Caldwell County High School	2/16/2017	Daviess County High School
8/23/2016	Lyon County High School	3/29-4/2/2017	NSTA Teacher's Conference
8/24/2016	Livingston County High School	4/12/2017	George Rogers Clark High School
8/24/2016	Graves County High School	4/13/2017	Southwestern High School
9/8/2016	CPC Fall Field Day - Allen County	4/13/2017	Pulaski County High School
9/16/2016	Racer Roundup	4/14/2017	Wayne County High School
9/23/2016	McCracken County High School	4/14/2017	Lincoln County High School
9/23/2016	Carlisle County High School	4/14/2017	Anderson County High School
9/28/2016	Graves County High School	4/19/2017	MSU FFA Field Day
9/28/2016	Hickman County High School	4/25/2017	Ballard County High School
9/28/2016	Fulton County High School	4/25/2017	Carlisle County High School
10/11/2016	Hickman County High School	5/3/2017	Thomas Nelson High School
10/11/2016	Carlisle County High School	5/3/2017	Seneca High School
10/11/2016	Ballard County High School	5/4/2017	Central Hardin High School
10/11/2016	McCracken County High School	5/8/2017	McCracken County High School
10/12/2016	Graves County High School	6/5-8/2017	Kentucky State FFA Convention
10/12/2016	Marshall County		
10/18-22/2016	National FFA Convention		
11/3/2016	Fleming County High School		
11/3/2016	Rowan County High School		
11/4/2016	Williamstown High School		
11/4/2016	Grant County High School		
11/4/2016	Pendleton High School		
11/4/2016	Harrison County High School		
11/5/2016	Lee County		
11/15/2016	Lewis County		
11/15/2016	Boyd County High School		
11/15/2016	Elliott County High School		
11/16/2016	Burgin County High School		
11/16/2016	Bourbon County High School		
11/16/2016	Locust Trace Agriscience School		
11/16/2016	Wayne County High School		
11/17/2016	Clinton County Career Day		
11/27- 12/3/2016	NAAE Teacher's Conference - Las Vegas, NV		
12/28/2016	KAAE Winter Teacher's PD		
1/10/2017	Lee County High School		

## HUTSON SCHOOL OF AGRICULTURE FRESHMEN ENROLLMENT HISTORY

Fall 1996 - Fall 2016



## HUTSON SCHOOL OF AGRICULTURE RETENTION - ALL NEW FRESHMEN

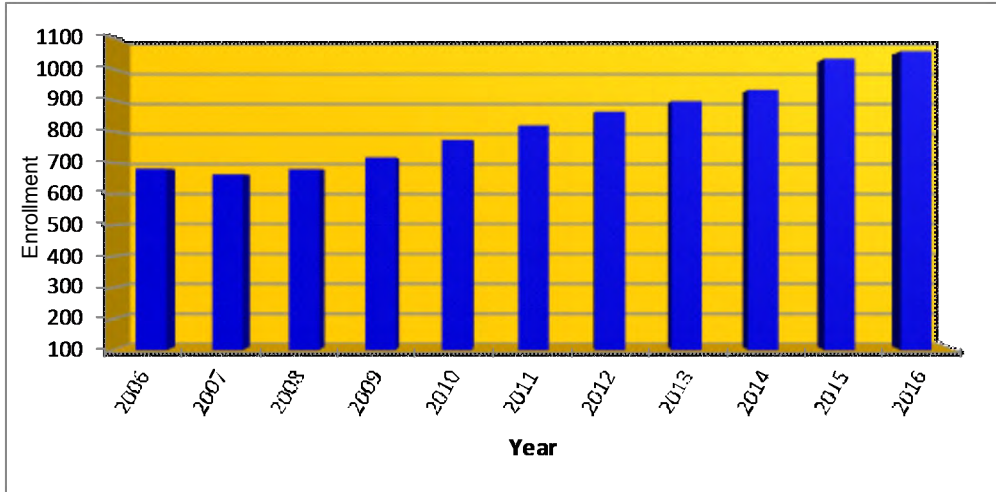
Began Fall 2015 - Returned Fall 2016

Dept.	Academic Program	Initial Cohort	Returned to Same Major	Returned to Same Dept.	Returned to Same College	Returned to Any Program
AES	<i>Animal/Equine Science</i>	34	52.9%	52.9%	58.8%	70.6%
	<b>Total</b>	<b>34</b>	<b>52.9%</b>	<b>52.9%</b>	<b>58.8%</b>	<b>70.6%</b>
AGR	<i>Ag. Systems Technology</i>	7	71.4%	71.4%	85.7%	85.7%
	<i>Agribusiness</i>	44	70.5%	75.0%	77.3%	84.1%
	<i>Agriculture Education</i>	18	50.0%	66.7%	77.8%	83.3%
	<i>Agriculture Science</i>	10	10.0%	30.0%	60.0%	90.0%
	<i>Agriscience Technology</i>	6	33.3%	33.3%	66.7%	83.3%
	<i>Agronomy</i>	16	50.0%	62.5%	62.5%	62.5%
	<i>Horticulture</i>	3	33.3%	33.3%	33.3%	100.0%
	<b>Total</b>	<b>104</b>	<b>54.8%</b>	<b>63.5%</b>	<b>72.1%</b>	<b>81.7%</b>
AHT	<i>Pre-Veterinary Medicine</i>	88	69.3%	72.7%	77.3%	84.1%
	<i>Veterinary Technology</i>	21	61.9%	66.7%	66.7%	76.2%
	<b>Total</b>	<b>109</b>	<b>67.9%</b>	<b>71.6%</b>	<b>75.2%</b>	<b>82.6%</b>
<b>School of Agriculture Total</b>		<b>247</b>	<b>60.3%</b>	<b>65.6%</b>	<b>71.7%</b>	<b>80.6%</b>
<b>MSU Overall</b>		<b>1,468</b>	<b>50.1%</b>	<b>54.2%</b>	<b>58.9%</b>	<b>73.9%</b>



### HUTSON SCHOOL OF AGRICULTURE TOTAL ENROLLMENT HISTORY

Fall 2006 - Fall 2016



### HUTSON SCHOOL OF AGRICULTURE DEGREES CONFERRED

2006-2017

