

HUTSON SCHOOL OF AGRICULTURE



ANNUAL REPORT

Academic Year 2017-2018



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OUTSTANDING ALUMNUS

The 2017 Outstanding Agriculture Alumnus award was presented to Mr. Jimmy Wray during the 2017 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Mr. Wray grew up on a corn, wheat, soybean, tobacco, and livestock farm in Ballard and McCracken Counties. He graduated from Ballard Memorial High School where he was involved in FFA, serving as chapter president, a Purchase Region officer, and received his American FFA Degree. He graduated with his Bachelor's degree in Agricultural Business from Murray State University in December 1994, was named the Outstanding Ag Business Student, and was a member of Dr. Durwood Beatty's Agronomy Team.

Mr. Wray began his ag business career in the summer of 1994 as an intern with BASF. He moved to Muncie, IN following his graduation from MSU to take over a sales territory for Ciba Geigy Chemical Company where he developed and grew the territory with products like Dual, Atrazine, and Bicep. In 1997, he moved back home to serve as a sales representative in the Purchase area for Monsanto and to introduce Roundup-Ready and BT crops to the region. As Monsanto purchased seed companies including Asgrow and Dekalb, Mr. Wray discovered a passion for the seed business and soon transitioned from the ag chemical business to focus on the development of hybrid crops and other varieties for the area.

In 2002, he was promoted to manager of Monsanto's seed and trait division for Kentucky, Tennessee, Arkansas and the bootheel of Missouri. In 2007, he left Monsanto to found JWray Seeds, which focused on selecting corn, wheat, and soybean genetics to fit the specific needs of Kentucky and Tennessee farmers through the Armor Seed brand.

In 2010 JWray Seeds and Cullum Seeds merged to form Armor Seed Company, which grew to approximately 1,000,000 bags of soybeans, 200,000 bags of wheat, and 50,000 bags of corn sold throughout the Mid-South and Delta. In September 2017, Armor Seed was acquired by Land O' Lakes cooperative based out of Minnesota. Mr. Wray is currently managing the Armor seed business for Land O' Lakes and also oversees Kentucky American Seeds processing plant in Hopkinsville (acquired in 2012).

Today, Mr. Wray still farms a few hundred acres, and enjoys running the excavator and dozer on farm land improvement projects. He has been married to his wife, Kelly, for 22 years. She has managed the household and raised two boys, TJ (20) and Peyton (17), who are both very active on the family farm, while also serving as the Director of the Ballard County Resource Center. Mr. Wray and his family are members of the First Baptist Church of LaCenter.

With his leadership and commitment, Mr. Wray has supported MSU Agriculture by providing seed for the Hutson Farm plots. The first year of our farming the land, he donated the seed for 50 acres and through that donation, the Hutson School of Agriculture was able to generate \$75,000 of revenue through the sale of corn grown on the plots. This spring, he and his son TJ donated the use of equipment to establish hemp trial on the Eagle Rest Plantation in Ballard County. Mr. Wray has set the bar high for both himself and MSU Agriculture.

OUTSTANDING YOUNG ALUMNUS

The 2017 Outstanding Young Agriculture Alumnus award was presented to Ms. Kirby O'Donoghue Green during the 2017 Agriculture Alumni Association's Dean's Circle Luncheon held in conjunction with MSU Homecoming activities.

Kirby is the daughter of Joe and Larraine O'Donoghue of Westview, Kentucky, located in Breckinridge County. She was raised on a tobacco and beef cattle farm and served as the 2007-2008 President of the Kentucky FFA Association.

Kirby received her Bachelor of Science in Agriculture degree with an area in Agricultural Education from Murray State University in 2011. While at Murray State, Kirby was a member of Alpha Omicron Pi Sorority and active in many campus activities, achieving the ultimate Triple Crown - Homecoming Queen, Ms. MSU, and SGA President. During her time at MSU, she studied abroad in Greece, Hungary, and Puerto Rico.

She completed her student teaching the spring of 2011 and began her professional career as an agricultural educator and FFA advisor at Lone Oak High School in Paducah. While there, she taught a multitude of new courses, trained many award winning students in Career Development Events, created the AgriScience Learning Hub, and managed the operation of the greenhouse. While teaching, Kirby continued her education and received her Master of Science in Agriculture degree in May 2012.

In January 2013, Kirby pursued a career pathway change and accepted a position with Monsanto as a District Sales Manager. During that time, she managed a territory of 20,000 units of corn and 75,000 units of soybeans. During her professional career she has created and provided leadership of the Next Gen program, targeting young, progressive farmers that are community leaders. She also created and managed her Monsanto team social media sites for the territory.

Kirby's leadership and community events include hosting and producing a podcast for young professionals, called Sharpen, along with an associated blog. Among her many professional associations, she is a member of the Kentucky FFA Foundation, the Kentucky Workforce Innovation Board and the Kentucky Farm Bureau Young Farmers. She has received Monsanto's Presidential Volunteer Service Award for four straight years, has been involved in Monsanto's Local Leadership Exchange Program, America's Best Hope -EDGEEx speaker, and was the Kentucky Farm Bureau Discussion Meet Winner in 2016, going on to place in the top 16 at the American Farm Bureau contest.

Kirby has remained a consistent supporter of MSU Agriculture since graduation. She has been instrumental in speaking at MSU functions. Kirby is married to her husband, Tyler Green and has two children, Cora (3) and Caroline (1). Her mother-in-law Sharon Green has been a long serving member of the MSU Board of Regents.

Kirby has exemplified the combination of energy, talent, integrity, productivity, dedication, vision, and excellence that has led to her being named the 2017 Outstanding Young Agriculture Alumnus of Murray State University.

FACULTY EXCELLENCE

- **Dr. Alyx Shultz** was honored as the 2017-2018 Murray State University Faculty Innovation Initiative Award Winner
- **Dr. Shea Porr** was selected as the 2017-2018 Board of Regents Teaching Award Winner for the Hutson School of Agriculture.
- **Dr. Brian Hoover, Dr. Anna Vaughn-Doom, and Mr. Gary Atkerson** was recognized for 10 years of service, **Ms. Sue Robinson** and **Mr. JD VanHooser** were recognized for 15 years of service, **Ms. Christy Watkins** was recognized for 20 years of service, and **Dr. Tony Brannon** was recognized for 30 years of service at the annual MSU Faculty Awards Banquet.
- **Dr. Michelle Santiago** was the recipient of the Outstanding International Service Award for Education Abroad in recognition of her contributions to MSU study abroad programs.
- **Mr. OL Robertson** retired from the Hutson School of Agriculture in May 2018.
- **Mr. Gary Atkerson** retired from the Hutson School of Agriculture in May 2018.
- **Dr. Debbie Reed**, director of the MSU Breathitt Veterinary Center, was named "Veterinarian of the Year" by the Kentucky Veterinary Medical Association at their annual conference.
- **Ms. Barbie Papajeski** presented her papers *What am I Seeing? Basic Cytology for Technicians*, *What Do I Say? Client Education on Parasitology*, *How Do I Do That? Sharpening Your Clinical Pathology Skills*, and *Do You See What I See? Interactive Microscopic Identification* at the Mid-America Conference in Louisville, KY and at the Wild West Veterinary Conference in Reno, NV.

STUDENT ACHIEVEMENTS

- **Caleb Brannon** (December 2017) was named Outstanding Senior Man for December Commencement exercises.
- **Rebecca Mackey** (Agriscience Technology) and **Connor Moore** (Agronomy) were presented the 2017-2018 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 Agribusiness contest at the 2018 North American Colleges and Teachers of Agriculture (NACTA) Student Judging Conference held in Norfolk, Nebraska. Team members included **George Bittel** (Senior; Owensboro, KY), **Kristen Gregson** (Senior; Waterloo, IL), **Noah Ferguson** (Senior; Clinton, KY), and **Jonathan Royster** (Junior; Corydon, KY) placed first in the Agribusiness Contest for the second consecutive year. Individuals placing in the contest were **George Bittel** (2nd) and **Kristen Gregson** (3rd). Senior agribusiness student and 2017 team member, **Ben Hornback** served as assistant coach for the team.
- Members of the **MSU Agronomy Club** competed at NACTA in the crops and precision agriculture contests. Crops contest team members included **Kaleb Houston** (Senior; Dresden, TN), **Landon Williams** (Senior; Frankfort, KY), **Alex Fichter** (Junior; Newburgh, IN), **Joel Reddick** (Senior; Bardwell, KY), **Bradley James** (Junior; Sturgis, KY), **Anna Arthur** (Sophomore; Cynthia, KY), and **Riley Mabe** (Junior; Henderson, KY). Students competing in the precision agriculture contest included **Denae Cato** (Senior; Advance, MO), **Bree Cox** (Senior; Shawneetown, IL), **Dalton Cashion** (Junior; Dresden, TN), **Morgan McGuire** (Senior; Newburgh, IN), and **Rob Dawson** (Sophomore; Henderson, KY).
- A team comprised of both **Agronomy Club** and **Agribusiness Club** members **George Bittel**, **Noah Ferguson**, **Landon Williams**, and **Joel Reddick** placed 3rd in the NACTA Knowledge Bowl contest.
- Hutson School of Agriculture students **Cole Emerson** (Freshman, Agribusiness), **Jessica Stoner** (Freshman, Agronomy), **Matt McIntosh** (Freshman, Agriculture Education), **Jonathan Reynolds** (Junior Agronomy), **Caleb Brannon** (Senior, Agribusiness), **Kaleb Houston** (Senior, Agronomy), **Joel Reddick** (Senior, Agronomy), **Mackenzie Jones** (Junior, Agriculture Education), **Elizabeth Waller** (Freshman, Agriculture Education), **Evan Jackson** (Freshman, Agriscience), **Kristen Shaw** (Freshman, Pre-Vet), **Aaliyah Moss** (Freshman, Animal Science), **Chris Reed** (Freshman, Agronomy) were selected to represent Murray State University at the National Agriculture Future of America conference.
- Two HSOA students presented their undergraduate research during Posters at the Capitol held in Frankfort in February 2018. **Emily Cook** (Senior, Equine Science) presented her poster "Evaluating the Impact of Two Contrasting Tillage Practices on Soil Properties in Central Kentucky", and **Kevin Goheen** (Senior, Horticulture) presented his poster "Soil Characteristics of a Permaculture Orchard in the Jackson Purchase".

STUDENT EXCELLENCE

- HSOA students **Caleb Brannon**, **Samantha Briscoe**, **Courtney Brown**, **Kayla Burroughs**, **Effie Campbell**, **John Campbell**, **Craig English**, **Laura Ganvik**, **Mason Larimore**, **Samantha Mackbach**, **Caitlin Oakes**, **Alexis Steiner**, and **Megan Terry** named to Who's Who Among American College Students for the 2017-2018 Academic Year.
- Members of the MSU Equestrian Team named to the Intercollegiate Horse Show Association's 2017-2018 All Academic Team include **McKenna Debus** (Ft. Mills, SC), **Sara Edwards** (Underwood, IN), **Claire Ghent** (Miriam, FL), **Kristen Schulhoff** (Parker, CO), **Kiley Stadtmiller** (Rochester, NY), **Kathy Condon** (St. Peters, MO), **Holly Doom** (LaCenter, KY), **Kaylin Duke** (Channahon, IL), **Rachel Lawrence** (Owensboro, KY), **Gabby Lee** (Elgin, IL), **Shannon McGowan** (Memphis, TN), **Anna Wiggins** (Newburgh, IN).
- **Michael Mann** (Senior, Agribusiness), **JT Payne** (Senior, Agriculture Education), and **Cassidy Neal** (Senior, Agriculture Education) were selected as recipients of the Agriculture Fellowship for the Hutson School of Agriculture. As part of this program, the students served as interns in the office of Congressman James Comer in Washington DC.
- **Alexis Burnett** (Sophomore, Agronomy), **Kaylee Compton** (Senior, Agribusiness), **Kaleb Houston** (Senior, Agronomy), **Joel Reddick** (Senior, Agronomy), **Jonathan Reynolds** (Senior, Agronomy), **Abigail Schneider** (Junior, Agronomy), **Jessica Stoner** (Sophomore, Agronomy), and **Landon Williams** (Senior, Agronomy) were selected to represent Murray State University at the Agriculture Futures of America 2018 Crop Science Institute.
- The MSU Equestrian Teams finished a very successful season. The **Hunt Team** finished their season 4th in the region. The **Stock Team** finished their season as reserve regional champion, qualified five riders for Semi Final competition, and two riders qualified to advance to the Intercollegiate Horse Show Association (IHSA) National Finals. **Amanda Belcher** (St. Louis, MO) competed in Alumni Reining and finished 3rd in her class. **Travis Fortune** (Booneville, IN) competed in Open Individual Reining, and placed fourth in the nation.
- **Travis Fortune** qualified to represent MSU and IHSA in the Collegiate Cup Reining Challenge sponsored by the National Reining Horse Association. He finished 7th with a score of 111.5 on his reining run. This marks the first time a rider from MSU has qualified to participate in the NRHA Collegiate Cup Challenge
- Graduate student **Monique Hovey** had her abstract ?? accepted for presentation at the 2018 International Society for Equitation Science conference in Rome.
- Eight members of the **MSU Horseman's Association** attended the National Convention at Texas A&M, and the group's scrapbook received 2nd place national honors.
- **Sigma Alpha** received Regional awards for Outstanding Service Program, Outstanding Leadership Program, and Outstanding Scholarship Program for the 2017-2018 year at the 2018 National Conclave held in Dallas, TX. They were also presented with the National Outstanding Leadership Award.

2017-2018 AWARD WINNERS

Outstanding Senior Man in Agriculture: Caleb Brannon

Outstanding Senior Woman in Agriculture: Megan Terry

Outstanding Graduate Student in Agriculture: Emily Watson

Agriculture Leadership Award: Rebecca Mackey & Michael Mann

Outstanding Undergraduate Research Scholar in Agriculture: James Mackey

Outstanding Senior in Agribusiness: Caleb Brannon

Outstanding Senior in Agricultural Education: Megan Terry

Outstanding Seniors in Agricultural Systems Technology: Travis Fields & Brakcen Robertson

Outstanding Senior in Agricultural Science: Rebecca Mackey

Outstanding Senior in Agronomy: Kaeden Mollett

Outstanding Seniors in Veterinary Technology: Paige Yamnitz, Kandace Tew & Taryn Russell

Outstanding Seniors in Pre-Veterinary Medicine: Jacy Isaacs & Jeffrey Dillion Bryson

Outstanding Senior in Animal Science: Cassie Wilson

Outstanding Senior in Equine Science: Katelyn Lyons

Outstanding Senior in Horticulture: Tim Brown

Go Getter Award:	Anna Arthur	Kassiady Buchanan	Kayla Burroughs
	Emily Cook	Kayla Ferrell	Margaret Dreyer-Schumert
	Spencer Fulkerson	Logan Henz	Benjamin Hornback
	Stacy Howe	Larry Korff	Rachel Lawrence
	Preston Luedke	William Nalley	Lauren Redding
	Marcus Robertson	Madison Schmidt	Elizabeth Waller

Outstanding Student in Alpha Zeta: Christina Ipock

Outstanding Agribusiness Club Members: Noah Ferguson & Kristen Gregson

Outstanding Agronomy Club Members: Kaleb Houston Landon Williams - **Senior**

Outstanding Sigma Alpha Members: Haley Purvis Sarah Rohay - **Senior**
 Rhiannon Branch - **Alpha Theta Class**
 Paige Martin - **Alpha Eta Class**

Outstanding Block & Bridle Members: Brady Hooks & Katrena Jordan

Outstanding AHT/Pre-Vet Club Member: Jacy Isaacs

Outstanding Alpha Gamma Rho Members: Craig English - **Senior** Matthew Peterson - **Junior**

Outstanding Horticulture Club Members: Kelsie Bewley Michael Mercer - **Senior**

Outstanding Agricultural Engineering Technology Club Member: Eric Sloan

Outstanding Agriculture Ambassador: Landon Williams & Kaleb Houston

Outstanding Stock Seat Equestrian Team Members: Laura Ganvik

Outstanding Hunt Seat Equestrian Team Members: Willow Kearns

Outstanding Dressage Club Member: Jamie Wolfzorn

Outstanding Horseman's Association Member: Kiley Stadtmiller

Outstanding Cowboy: Isaac Logsdon

Outstanding Cowgirl: Bailey Jo Angelo

Outstanding Man in Collegiate FFA: Mathew Seifert

Outstanding Woman in Collegiate FFA: Kelsie Bewley

GRADUATE RESEARCH

August and December 2017 and May 2018 Graduate Students submitted theses as part of their Master's Degree program requirements.

August 2017

- Gray, Jesse (Princeton, KY)
Advisor: Dr. David Ferguson, Professor, Agronomy
Thesis: *Evaluating the Long Term Effects of Continuous Broiler Litter Applications on Residual Soil Fertility and Yields of Corn and Soybean Crops, and a Side Experiment Studying the Residual Copper Fertilization Effects on These Crops*

December 2017

- Chen, Shikun (Murray, KY)
Advisor: Dr. Shea Porr, Associate Professor, Animal/Equine Science
Thesis: *Serum Cortisol Concentrations and Behavior Assessment as Tools for Evaluating Stress in Horses Used in Therapeutic or University Riding Programs*
- Lawrence, Margaret (Murray, KY)
Advisor: Dr. David Ferguson, Professor, Agronomy
Thesis: *Soybean Cyst Nematode Populations as Influenced by a Non-Treated Soybean Crop, A Fluopyram-Treated Soybean Crop and a Non-Host Corn Crop*
- Prus, Kathryn (Taylorsville, KY)
Advisor: Dr. Alyx Shultz, Associate Professor, Agricultural Science
Thesis: *Breed Quality Scores for Post-Cervical Artificial Insemination and the Effects of Farrowing Rate and Total Born at a Commercial Swine Facility in the Southern United States*
- Wood, Dominique (Eddyville, KY)
Advisor: Dr. Alyx Shultz, Associate Professor, Agricultural Science
Thesis: *A Performance Study of Apis mellifera with Dietary and Forage Restrictions During Spring Colony Establishment in Lyon County, Kentucky*
- Zhao, Hui (Lexington, KY)
Advisors: Dr. Shea Porr, Associate Professor, Animal/Equine Science and Dr. Amanda Davis, Assistant Professor, Animal Science
Thesis: *Horse Use and Management in University Equine Programs*

May 2018

- Clark, Casey (Philpot, KY)
Advisor: Dr. Laura Hoffman, Assistant Professor, Veterinary Technology
Thesis: *The Unspoken Psychological Issues With Lesson Horses and How We Need to Address Them*
- Hooks, Cheyenne (Ashland City, TN)
Advisor: Dr. Amanda Davis, Assistant Professor, Animal Science
Thesis: *Effects of Various Anthelmintic Treatments on Fecal Egg Counts, Performance Variables, Blood Parameters, and Lactate Dehydrogenase Activity in Stocker Calves*
- Hooks, Patrick (Owensboro, KY)
Advisor: Dr. Brian Parr, Assistant Dean
Thesis: *Production of Industrial Hemp in Kentucky*
- Hovey, Monique (Boise, ID)
Advisor: Dr. Shea Porr, Associate Professor, Animal/Equine Science
Thesis: *Evaluating Muscle Tension Scores as an Indicator of Stress in Riding Horses*
- Machens, Kelsey (Quincy, IL)
Advisor: Dr. Brian Parr, Assistant Dean
Thesis: *Effects of Essential Oils and Amino Acid Profile on the Growth and Health of Receiving Cattle*
- Muttaleb, Anmar (Lynn, MA)
Advisor: Dr. Steven Still, Assistant Professor, Horticulture
Thesis: *The Effect of Three Different Mulches on Weed Presence, Soil Characteristics, and Zinnia Growth*
- Vandergraff, Shelby (Monon, IN)
Advisor: Dr. Anna Vaughn-Doom, Lecturer, Veterinary Technology
Thesis: *The Effects of Reward Based Training on the Behavioral Assessment of the Domestic Dog*
- Watson, Emily (Jonesboro, TN)
Advisor: Dr. Shea Porr, Associate Professor, Animal/Equine Science
Thesis: *Horse Use and Care in Therapeutic Horseback Riding Programs*

BACK TO SCHOOL PICNIC

The Hutson School of Agriculture hosted its annual Back to School Picnic on August 22, 2017 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 23rd annual Racer Roundup Leadership event on September 15, 2017 in the MSU CFSB Center. In attendance were 472 high school freshmen and seniors from 18 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 2017

The 55th annual Agriculture Alumni Association Picnic was held in conjunction with MSU Homecoming activities on October 27, 2017. Special recognition was given to graduates from the classes of 1967 and 1992 to commemorate their 50th and 25th anniversaries. Over 100 MSU Agriculture Alumni and their families attended this year's event at the Wm. “Bill” Cherry Expo Center.

Mr. Jimmy Wray was presented the Outstanding Agriculture Alumnus during a special Dean's Circle luncheon. Ms. Kirby O'Donoghue Green was named the 2017-2018 Outstanding Young Agriculture Alumnus.

Hutson School of Agriculture students Alexis Burnett (Brookport, IL), Katrena Jordan (Lenzburg, IL), Benji Kilgore (Fredonia, KY), Will Nalley (Utica, KY), Levi Nesler (Mayfield, KY), Angelia Read (Danville, IL), Emily Rose (Puryear, TN) and Alicia York 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 14th annual “Fall on the Farm” September 27-30, 2017. 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.), Southwest Calloway Elementary, Rhea Elementary (Paris, TN), West Kentucky Home School Group, and Northside Baptist Christian School (Graves Co.) 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, Kentucky Poultry Federation, Explore Agriculture and Hutson School of Agriculture students. This year’s event also featured Animal Tales live animal show. This event 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 3rd annual Agriculture Appreciation Week October 27-November 3, 2017. The goal was to spread agriculture awareness throughout the MSU campus community through a series of events including:

Friday, October 27

- HSOA Alumni Association Picnic

Monday, October 30

- 13th Annual Excellence in Agriculture Luncheon
- Students attending the event were nominated by faculty and staff to recognize their hard work and dedication to both MSU and the HSOA.

Tuesday, 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

Wednesday, November 1

- HSOA Fall Internship/Career Fair

Thursday, November 2

- Meal packaging at CFSB with Murray Kids Care for Hunger

SOYBEAN PROMOTION DAY

The Hutson School of Agriculture and the Kentucky Soybean Promotion Board sponsored the 14th annual Soybean Promotion Day on January 23, 2018 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.

Corporate comedian and former National FFA President, Mr. Mark Mayfield served as keynote speaker for the event. The evening concluded with a panel discussion focusing on the issues surrounding Dicamba use in agricultural production, moderated by Mayfield.

CAREER FAIR

The Hutson School of Agriculture and the Agriculture Leadership Council hosted a fall Career Fair on November 1 in conjunction with Agriculture Appreciation Week. Thirty-two companies were represented at the fair and approximately 175 agriculture students attended the event. The annual spring Career Fair was held on February 7, 2018, with nineteen companies participating. Approximately 150 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 4, 2018. Over 325 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 2017-2018 academic year.



FFA FIELD DAY

The 66th annual Murray State University FFA Field Day was held April 18, 2018 at the Wm. "Bill" Cherry Expo Center. Over 1,200 students representing 49 high schools from Kentucky, Tennessee, Illinois, and Missouri 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. For the second consecutive year, Caldwell County High School not only received top honors in the State Poultry Contest but finished first in overall field day competition.

EXCELLENCE OUTREACH/COMMUNITY

INSTITUTE FOR FUTURE AGRICULTURE LEADERS

The Hutson School of Agriculture hosted the Institute for Future Agricultural Leaders (IFAL) Conference June 10-14, 2018. IFAL is a five day leadership conference for high school seniors sponsored by Kentucky Farm Bureau. Forty-four 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

2017-2018 Academic Year Enrollment Report

Eighty-eight Kentucky and one Tennessee high school, with an enrollment of over 650 students, participated in the 2017-2018 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 IRELAND MAY 13-26, 2018

One characteristic of a Murray State graduate is to have some understanding of cultural diversity and alternative economic and political systems. On May 13-26, Hutson School of Agriculture students participated in an agricultural and cultural tour of Ireland. The experience abroad was the culmination of an international study course taken by 34 undergraduate students during the spring semester. Students visited various agricultural production and processing units to interact with owners and managers. These included a working peat bog, Fernville Connemara Pony Stud, Killary Fjord, family owned dairy farms, Coolmore Stud, Moorepart Dairy Research Centre, cereal grain farms, sheep farm specializing in dairy production, Troytown Grey Abbey Equestrian Hospital, Inagh Farmhouse Cheese, apple orchard, Bushmill's Distillery, Belgian Blue beef farm, and Pearse Lyons Distillery. In addition, participants were afforded the opportunity to visit popular historic sites including the Kylemore Abbey, Cliffs of Moher, Blarney Castle, the Rock of Cashel, Kilkenny Castle, senior championship hurling match, Titanic Belfast museum, Giant's Causeway, Trinity College and the Book of Kells, and Christchurch Cathedral.

MSU faculty and staff members leading the program were as follows: Dr. Michelle Santiago, Agribusiness Economics; Dr. Shea Porr, Animal/Equine Science; Ms. Rhea Ann Holland, Academic Services Coordinator



PRIMARY RECRUITMENT & RETENTION EVENTS 2017-2018

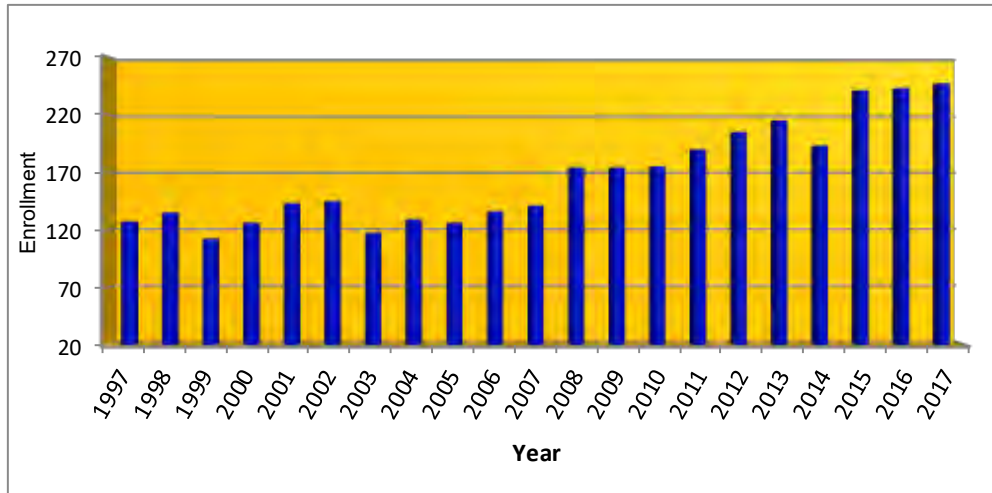
Admitted Student Open House
FFA Agriculture Sales Contest Region I, II & III
Excellence in Agriculture Luncheon
Fall Agriculture Career & Internship Fair
FFA All-Region Stars Dinner
FFA Field Day
FFA Regional/State Officer Training
FFA State Vet Science & Horse Contests
FFA Racer Roundup
High School & Community College Visits
Honors Orientation
HSOA Student Awards Banquet
Hutson School of Agriculture Picnic
IFAL (Institute for Future Agricultural Leaders)
Kentucky State FFA Camp
Kentucky State FFA Convention
Lawrence New Student & Alumni Gathering
Louisville Dessert Reception
MSU Cattle Show/Sale
MSU Majors & Minors Fair
MSU Show Pig Sale
National Farm Machinery Show
National FFA Convention
Pennyrile Region FFA Speaking Day
Presidential Scholars Interview Day
Purchase Region FFA Speaking Day
Purchase Region Soil Judging Contest
Racer Days
Region I FFA Welding Contest
Regional College Fair
Spring Agriculture Career & Internship Fair
Spring New Student Orientation
Summer Orientations
West Tennessee FFA Speaking Day
Western Rivers Livestock Clinic

RACER ACADEMY OF AGRICULTURE VISITS

Date	School	Date	School
7/5/2017	KY FFA Leadership Training Center	11/9/2017	Estill County Ag College Fair
7/12/2017	KY FFA Leadership Training Center	11/10/2017	Apollo High School
7/19/2017	KY FFA Leadership Training Center	11/10/2017	Daviess County High School
7/23-26/2017	KAAE/KACTE Conference	11/15/2017	Super CDE Day MSU
8/7/2017	Obion County	11/16/2017	Marion County High School
8/8/2017	Barren County High School	11/17/2017	Lincoln County High School
8/8/2017	Wayne County High School	11/27-30/2017	NAAE Teacher's Conference
8/9/2017	Metcalfe County High School	12/4-9/2017	NAAE Teacher's Conference
8/9/2017	Locust Trace AgriScience Center	12/28/2017	KAAE Winter Teacher's PD
8/10/2017	Lee County High School	1/24/2018	McCracken County High School
8/10/2017	Rockcastle County High School	1/31/2018	Daviess County High School
8/15/2017	Webster County High School	1/31/2018	Owensboro Catholic High School
8/16/2017	Lyon County High School	1/31/2018	Muhlenburg County High School
8/17/2017	Martha Layne Collins High School	2/1/2018	John Hardin High School
8/17/2017	Seneca High School	2/1/2018	Central Hardin High School
8/17-18/2017	Kentucky State Fair	2/13/2018	Apollo High School
8/30/2017	Ballard County High School	2/14/2018	Breckinridge County High School
8/30/2017	McCracken County High School	2/14/2018	Seneca High School
9/5/2017	LaRue County High School	2/15/2018	National Farm Machinery Show
9/5/2017	Mation County High School	2/15/2018	Moore Traditional High School
9/5/2017	Washington County High School	2/27/2018	Carrol County High School
9/5/2017	Thomas Nelson High School	2/27/2018	Gallatin County High School
9/6/2017	Lincoln County High School	2/27/2018	Grant County High School
9/6/2017	Casey County High School	2/28/2018	Rowan County High School
9/6/2017	Russell County High School	2/28/2018	Morgan County High School
9/7/2017	CPC Field Day Fountain Run	2/28/2018	Fleming County High School
9/8/2017	Hart County High School	3/1/2018	Bath County High School
9/8/2017	Butler County High School	3/1/2018	Nicholas County High School
9/15/2017	Racer Round Up	3/1/2018	Montgomery County High School
9/19/2017	Pulaski County High School	3/2/2018	Woodford County High School
9/19/2017	Southwestern High School	3/2/2018	George Rogers Clark High School
9/19/2017	Lincoln County High School	3/2/2018	Locust Trace AgriScience Ceter
9/20/2017	South Laurel High School	3/9/2018	Pennyrile Region FFA Day
9/20/2017	Lynn Camp High School	3/14/2018	Monroe County Career Fair
9/21/2017	Harlan County High School	3/29/2018	McCracken County Career Fair
9/21/2017	Bell County High School	4/18/2018	MSU FFA Field Day
9/22/2017	Wayne County High School	4/27/2018	Carlisle County Career Fair
9/22/2017	Adair County High School	4/27/2018	Ballard Memorial High School
9/22/2017	Metcalfe County High School	4/27/2018	McCracken County High School
9/28/2017	Hickman County High School	4/30/2018	Daviess County High School
10/18/2017	Lincoln County High School	5/1/2018	Trinity Catholic High School
10/19/2017	Russell County High School	5/2/2018	Jackson County High School
10/19-23/2017	National FFA Convention	5/3/2018	Locust Trace AgriScience Center
11/7/2017	Harrison County High School	5/3/2018	Thomas Nelson High School
11/7/2017	Scott County High School	6/5-8/2018	KY FFA State Convention
11/7/2017	Owen County High School	6/13/2018	KY FFA Camp
11/8/2017	Madison Southern High School	6/20/2018	KY FFA Camp
11/8/2017	Madison Central High School		

HUTSON SCHOOL OF AGRICULTURE FRESHMEN ENROLLMENT HISTORY

Fall 1997 - Fall 2017

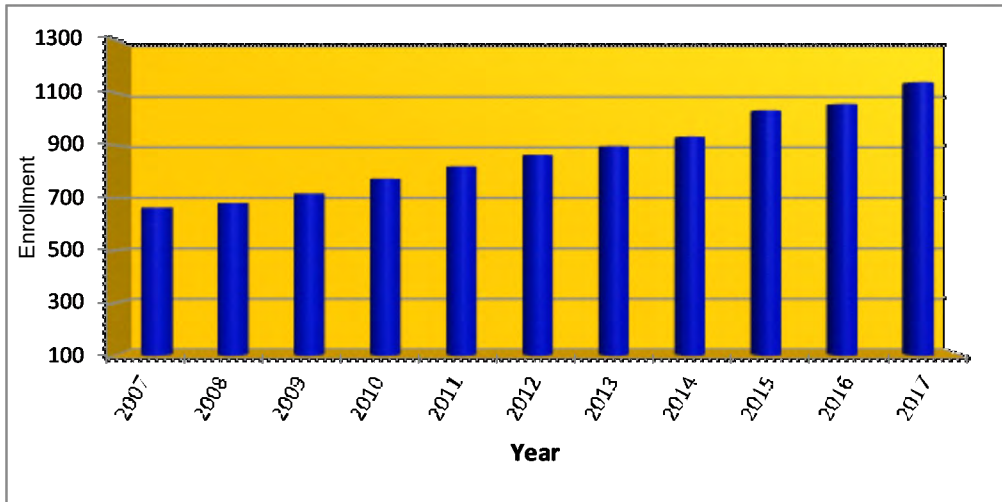


HUTSON SCHOOL OF AGRICULTURE RETENTION - ALL NEW FRESHMEN

Began Fall 2016 - Returned Fall 2017

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	17	47.1%	47.1%	76.5%	88.2%
Total		17	47.1%	47.1%	76.5%	88.2%
AGR	Ag. Systems Technology	5	80.0%	80.0%	80.0%	80.0%
	Agribusiness	41	58.5%	63.4%	65.9%	73.2%
	Agriculture Education	7	57.1%	71.4%	71.4%	71.4%
	Agriculture Science	6	16.7%	50.0%	83.3%	83.3%
	Agriscience Technology	5	20.0%	60.0%	60.0%	100.0%
	Agronomy	9	77.8%	100.0%	100.0%	100.0%
	Horticulture	3	33.3%	33.3%	33.3%	100.0%
Total		76	56.6%	69.7%	73.7%	80.3%
AHT	Pre-Veterinary Medicine	103	64.1%	76.7%	82.5%	88.3%
	Veterinary Technology	17	52.9%	52.9%	70.6%	76.5%
Total		120	62.5%	73.3%	80.8%	86.7%
School of Agriculture Total		213	59.2%	70.0%	77.9%	84.5%
MSU Overall		1,502	50.6%	54.5%	58.6%	74.4%

HUTSON SCHOOL OF AGRICULTURE TOTAL ENROLLMENT HISTORY Fall 2007 - Fall 2017



HUTSON SCHOOL OF AGRICULTURE DEGREES CONFERRED 2007-2018

