

## A Message From Your President, Rex Buckhaults



We are starting another a new school year, and it is an honor to be serving as President of MS ACTE. One of my goals as a Career and

Technical Administrator is to instill the love of teaching in my instructors as I share my own passion for learning and teaching with them. I feel there is a need for compassionate, strong, and dedicated individuals who are excited about working with students. In our competitive society it is important for students to not only receive a solid education, but to work with someone who is aware of and sensitive to their individual needs. I know that there are

many Career and Technical Educators who share my beliefs.

I would like to take a moment to challenge each of you to recruit new members for the MS ACTE, and I would also like to challenge all Administrators to encourage their faculty and staff to become members of this great organization.

We had a great summer conference this year. I have heard many good comments on the speakers as well as the concurrent sessions. I would like to thank everyone who was involved in planning and conducting the MS ACTE/MDE Summer Conference. It was a job well done, and I am already looking forward to next year.

Our CTE Programs are the best kept

secret in education. We must do more to inform our state elected officials, community leaders, and local school boards about the fact that we are training tomorrow's workforce. Secondary Career and Technical Education is the beginning of workforce development. We must invite our local Business and Industry to be part of our Craft/Advisory Committees. This will bring to the table the people who will keep us up to date on the training our students will need to become their future employees.

So help me tell everyone in Mississippi that Career and Technical Education is a very important part of a student's education, giving our CTE students the skills necessary for them to be successful in life.

Always Remember, it's a sorry dog that won't bark in its own yard!

## Greetings From the MS ACTE Office!

*Submitted by: Linda Bath*

Happy Fall to everyone from the MS ACTE office. Thanks to all of you for your dedication to making sure our youth and adults will be prepared to pursue a meaningful and fulfilling career in today's workforce when they complete your program.

To all of you who have continued to support our educational organization by renewing your membership or joining us as a new member I, on behalf of the MS ACTE Board, say thank you! Without your participation, our organization could not continue to be strong.

I hope many of you attended the 2017 Summer Conference and came away with ideas that will benefit your pro-

gram this year. Thanks to the Mississippi Department of Education and the RCU at Mississippi State University for putting together a host of breakout sessions and updates. There were 1,105 people in attendance this year.

The attendance at the district meetings during summer conference was impressive. I visited the areas where they were conducted and each room had an overflow! It would be wonderful if we could have that type of participation at the fall and winter dinner meetings. Your district presidents work hard to provide you with a speaker who gives you relevant information either from the educational or business and industry fields. Districts 1 and 2 have already met and District 4 is scheduled

for October 26. Go to the "Events" page ([mississippiacte.com/events/](http://mississippiacte.com/events/)) to access the information for the District 4 meeting. As soon as Districts 3 and 5 are scheduled, the presidents will send out a flyer giving you the details. You can always check our website: [mississippiacte.com](http://mississippiacte.com) to get updates on events.

VISION 17 will be at the Opryland Hotel in Nashville December 7-9. Since this is a "drivable" site, I hope you will plan to attend. The Region IV Conference will be April 3-5, 2018, at the Embassy Suites in Albuquerque, New Mexico.

If I can be of assistance to you, please contact me.

## Lamar County Technical Center Holds Open House

*Submitted by: Rhonda Brewer*



The Lamar County Career and Technical Education (CTE) Center in Purvis has announced their Annual Open House was held 5:00 - 6:30 p.m. on Tuesday, August 22, 2017.

The event was open to parents of CTE students as well as the general public. The Technical Center is a part of Lamar County School District and educates students from Oak Grove High School, Lumberton High School, Purvis High School, and Sumrall High School.

Career and Technical Education or "CTE" includes education and training that directly prepares students for high demand careers in a broad cross section of fields. These programs provide students with

classroom and applied lab learning, licensing and industry certification, and work-based learning opportunities outside the classroom. Lamar County School District's CTE center offers the following two-year programs: Automotive Technology, Construction Technology, Engineering, Health Science, Metal Fabrication, and Teacher Academy.

The Lamar County Career and Technical Education Center is located at 41 College Drive in Purvis.

## MDE Grant Awarded To Lamar County Career/Technical Center

*Submitted by: Rhonda Brewer*

Lamar County Center for Technical Education been awarded a grant from MDE which will enhance the Automotive Service Technology program located at the Career & Technical Center in Purvis, MS.

This center serves all high school students in Lamar County including Purvis, Oak Grove, Sumrall and Lumberton. This particular program is a two year Career and Technical elective course which teaches students about careers in the Facility and Mobile Equipment Maintenance pathway. The program includes the maintenance, repair, and servicing of vehicles and transportation facilities, as well as the refueling of mobile equipment.

According to Tina Byrd, the Career & Technical Education Director, "this program enhances students' abilities to be college and career ready. Since all transportation relies on equipment, which must function as designed, this program of study is a worthy elective choice for students interested in the automotive field. The curriculum of this particular program prepares students for many types of jobs whether the students choose to further their education or enter directly into the workforce. The program includes classroom rigor and hands-on experience which prepares our students for their next steps after graduation."

Qualifying students who complete



*Lamar County CTE Director, Tina Byrd*

this program are encouraged to take a licensing exam, the (MLR) Maintenance and Light Repair portion of the ASE exam, which grants them an industry credential.

For more information, contact Tina Byrd at 601-794-8298 or [tina.byrd@lamark12.org](mailto:tina.byrd@lamark12.org).



## Educators Rising National Conference

*Submitted by: Jennifer Williams*

Students in the Teacher Academy class at the Cleveland Career Development & Technology Center recently traveled to Phoenix, Arizona, to attend the 28th Annual Educators Rising National Conference that was held June 23 - June 26, 2017. Pictured are (from left) Jennifer Williams (Teacher), Kashareya Funches (President of Educators Rising Mississippi) and Brenda Trotter (Competed in the Public Speaking competition). Kashareya and Brenda were able to participate in various education related workshops as well as given the opportunity to network with people from all over the United States.



## Summer Study for Clarke County Career Tech Students

*Submitted by: Tracy Dearing*

Two Clarke County Health Science students spent nine days of their summer vacation at Emory School of Medicine in Atlanta, GA. QHS senior Andrea Evans and QHS junior Alli Norcross shared a college dorm room and attended group discussions and classes at the school which claims to have educated 25% of Georgia's physicians. Both young ladies have returned with rave reviews on the summer program. Evans explains, "I learned so many things. We did CPR, suturing, outdoor medicine, and triage. It helped me figure out what I really want to do. I definitely want to become an R.N. (registered nurse) and maybe later a nurse practitioner." Norcross adds, "I thought I wanted to be an orthopedic surgeon, but I got to watch a knee replacement. Now I want to be a neonatal nurse."

The QHS students attended the summer learning program through Envision's National Youth Leadership Forum on Medicine. Clarke County Career Tech counselor Dana Mayo and Health Science teacher Julie Owen recommended Evans and Norcross during the 2016 - 2017 school year after seeing the girls' commitment and performances in Health Science I class. The two are now in Health Science II class and sharing their knowledge and experience with fellow classmates.



## Health Science Students at Baptist

*Submitted by: Marybeth Lowrey*

Oxford-Lafayette Health Science students at orientation at Baptist Memorial North Mississippi. Their instructor is RN, Mrs. Sandi Allen.

## ACTE Honors Two Forrest County AHS CTE Members

*Submitted by: Melissa Graham*

The Career Technical Education (CTE) department at Forrest County Agricultural High School is pleased to announce the recognition of excellence of two of its members: Suzanne Kelly and Mary Helen Lett. Mrs. Kelly currently serves as the CTE Director at FCAHS and received the honor of being selected as the Outstanding ACTE Member for Mississippi at the annual ACTE conference in Jackson, July 26-28. ACTE is the Association of Career Technical Education, and Mrs. Kelly has been an active member for many years, serving in ACTE leadership positions throughout her teaching/administrative career.

Mary Helen Lett was elected the Mississippi New Teacher of the Year

for ACTE and competed against instructors from Arkansas, Louisiana, Mississippi, New Mexico, Oklahoma and Texas to win Region IV New Teacher of the Year. She is proceeding to the last level of competition for the National ACTE New Teacher of the Year award to be given in December 2017 in Nashville, TN. Mary Helen also received an award given by iCEV, an online/cloud-based curriculum company designed for Career Technical education. She was awarded the distinction of being named the Southern District Agriculture Teacher of the Year for 2017. Mary Helen is in her fourth year of teaching Introduction to Agriscience at Forrest



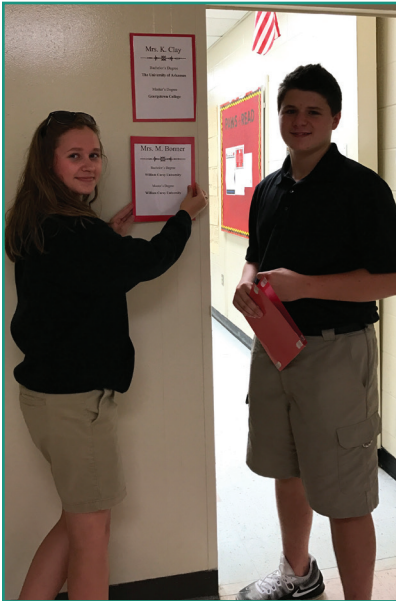
County Agricultural High School and just completed her master's degree in Educational Leadership from Arkansas State University. In addition, she just began the process of attaining National Board Certification in teaching and was asked to serve on the MS Teacher Council, a committee led by the State Superintendent of Education, Dr. Carey Wright.



## Business & Marketing Students Create Door Plaques

*Submitted by: Wayne Pittman*

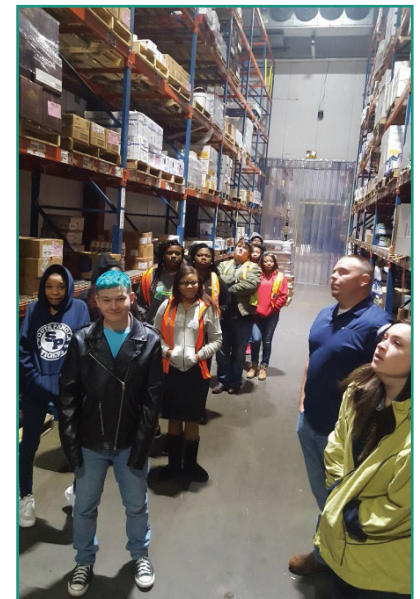
Business and Marketing students design, print, prepare, and hang faculty door plaques for all of the staff at Petal High School. Our students were excited to help the faculty showcase their accomplishments throughout our school. Our CTE counselor will use this information as a marketing tool for our school as well.



## Culinary Arts Classes Tour and Volunteer

*Submitted by: Shaquita Lathon*

On Monday, August 28, Mrs. McDaniel's First-Year Culinary Arts classes toured Performance Food Group's facilities. Second-Year Culinary Arts students volunteered at the local Food Pantry.





## Moss Point CTE 4-H Wins State Awards

*Submitted by: Billy Carroll*

On May 31 through June 2, the Moss Point STEM Team participated in State 4-H Congress at Mississippi State University in Starkville. The team was made up of Moss Point CTE students: Jackson Callahan, Patriona Cannon, Ny'Kqwria Crear, Ayana Dread, Jerrick Dubose, Sabrina Gonzalez, J'Lexus Johnson, Todd Kendrick, Shannon Lewis, Alysia Rester, Thomas Salter, and Calisto Wells. The team was accompanied by 4-H Volunteer Leader Billy J. Carroll and Jackson County Extension Agents Caitlyn McLeod and Terri Thompson.

State 4-H Congress is an annual state event designed to supplement county 4-H programs. This event provides positive leadership and educational opportunities for senior 4-H members from across the state in an effort to develop these young people to their full potential to become productive

citizens and catalysts for positive change to meet the needs of a diverse and changing society. During State 4-H Congress, club members participate in social events, recreational activities, workshops, and competitions.

During the competitive events, Jackson Callahan won 1st place in the Computer Contest. The Computer Contest was hosted by Dr. Mariah Morgan. Jackson was tasked with creating an app for the android phone. Jackson created a game called Super Deadpool.

Ny'Kqwria Crear won 1st place in the Personal Development Contest. Ny'Kqwria created 3 virtual and balsa wood bridge models to determine "Which Balsa Wood Bridge is the Most Efficient".

Shannon Lewis, Jerrick Dubose, Ny'Kqwria Crear, and Alysia Rester



won 3rd place in the Robotics Contest. The Robotics Contest was hosted by Dr. Mariah Morgan. The robotics team was tasked with building and programming a robot to achieve specific tasks.

In addition to competing, the Jackson County 4-H Club enjoyed an athletics tour of Mississippi State University. The team also enjoyed taking part in workshops and recreational activities at the Sanderson Center and Union Hall. Billy J. Carroll is the founder and coach of the Moss Point STEM Team. Dr. Durand Payton is the director of the Moss Point Career and Technical Education Center.

## Moss Point CTE Places in National Competition

*Submitted by: Billy Carroll*

The Moss Point STEM Team recently competed in the American Association of State Highway Officials (AASHTO) National Bridge Engineering Competition in Portland, Maine. Team members applied math and science concepts to real life problems engineers face in the transportation industry as they conducted action research, designed a 3D model bridge with CAD software, tested the 3D model bridge with a simulation program, and constructed a model bridge out of balsa wood. The competition consisted of three categories: Design Portfolio, PowerPoint Presentation, and Bridge Design Efficiency.

Initially, AASHTO provided middle and high school students across the na-

tion with a TRAC Challenge Entry Kit, bridge building materials, and competition guidelines to construct a bridge. Each participating team was required to submit a Design Portfolio including their final bridge design. Based on their Design Portfolio, qualifying teams were then selected to compete at nationals.

During nationals, teams conducted PowerPoint presentations and tested their bridge for strength to weight ratio. Cash prizes were given to the top three teams. In their very first attempt at the national competition, the Moss Point STEM Team won second place in the 11th/12th grade division and fourth place in the 9th/10th grade division.

"We would like to thank Steven Nelson, Wess McMillan, and Danny Juarez

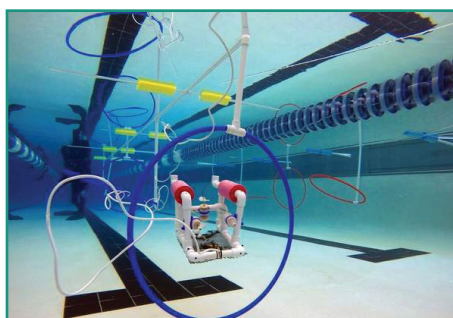
from Chevron Refinery Pascagoula for their support during this competition for the last three years and to Singing River Electric for providing the funds to purchase our Pitsco Structure Testing Instrument," said Mr. Carroll. Billy J. Carroll is the founder and coach of the Moss Point STEM Team. Dr. Durand Payton is the director of the Moss Point Career and Technical Education Center.



## Moss Point STEM Team Receives Grant

*Submitted by: Billy Carroll*

Look out SeaPerch competitors! The Moss Point STEM Team has just been awarded a grant to purchase the very first underwater remote operated vehicle (ROV) in the district! The ROV will be designed and constructed in the Robotics Engineering program and be used to compete in the upcoming SeaPerch competition! Billy J. Carroll is the founder and coach of the Moss Point STEM Team. Dr. Durand Payton is the director of the Moss Point Career and Technical Education Center.



## Moss Point CTE Partners with Thompson Engineering

*Submitted by: Billy Carroll*

MPSD School Board Meeting - 08/08/17: Justin Hardee of Thompson Engineering presents the Moss Point STEM team with a check. The check will be used to purchase supplies to support their program. (Left to Right: Justin Hardee, Dr. Durand Payton, Ayana Dread, and Billy Carroll)



## Auto Mechanics Shop At MLK Vocational Center: A New Day

*Submitted by: Derek Morgan*

The MLK Vocational Center automotive classes, AST Year 1 and Year 2, are not your grandfather's auto shop, not in an age when cars contain microprocessors, often several dozen, GPS systems, video screens and the like, which may all be activated before backing out of your garage.

"It's because the technology is always changing," Mr. Jarrett Henderson, newly hired Automotive Mechanics Instructor at the Vocational Center said, adding that some of the mechanic skills and knowledge required by private, commercial repair shops and auto dealerships just 10 years ago are already out of date. Dr. Derek Morgan, Vocational Director said "he is working to move the center into the 21st Century, by keeping up with what's happening because it's changing so rapidly." He has been connected with Program Supervisors from the Mississippi Department of Education as well as the Director of Career and Technical Education. The automotive industry, he noted, "is screaming" for qualified young mechanics ready to go to work on Day 1 in the shop, a development in one aspect of the U.S. economy that has sparked resurgence in and

increased funding for Career Technical Education.

For Mr. Henderson's students interested in pursuing a career in vehicle repair and maintenance most will start out as "base technicians." That is, doing oil changes and brake repairs. You can get into a job and actually have a career, two complete years of instruction, can earn "student certification" in Automotive Service Excellence. We go through automotive soft skills to prepare them for the MS-CPAS2, noting that I use a lot of test resources and a new textbook which also has online versions.



An increasing number of girls enrolled in Mr. Henderson's Class. Rytisha Robinson and Deiontra Wyatt, which Mr. Henderson welcomes. It really is for the better. Even if they do not become mechanics they can work as an estimator for an insurance company or as a DMV investigator for example. It's not just necessarily for the boys. The industry is wide open now, especially for women.

*Back Row. Left to Right: Tavian Winters, Darius Harris, Keldrin Thompson, Traveon Veals, Teyvain Cox, Tavarian Bynum; Front Row. Traveon Galtney, Randaunius Tickle*



# MLK Vocational Center's Business Program Ranked Tenth In State Out Of Seventy-Seven Districts

Mississippi Department of Education - Term: SP17 - State: MS

Submitted by: Derek Morgan

Students at MLK Vocational Center are preparing for Life's Adventure; College and Career Ready. Mrs. Tracy Hamilton, who was named one of the TEACHER'S OF THE YEAR 2016 at MLKCTC, teaches the marketing class, which is a program designed to prepare secondary and postsecondary students to conduct the critical business functions associated with directing the flow of products and services from the producer to the consumer. A fundamental understanding of the marketing concept and basic marketing skills are essential not only to students entering the field of marketing but for everyone entering the workforce. Marketing education courses provide students with knowledge and skills that are highly transferable and will last a lifetime.



FROM LEFT TO RIGHT: Mrs. Tracey Hamilton, Aysia Parker, Aleria Hull, Athena Harden, and Jaquan Nelson.

The discipline of marketing is built upon three areas of interdisciplinary content. These foundations of economics, human resource skills and marketing concepts are necessary to understand and apply the nine functions of marketing. Her students are very smart and scored in the highest performance categories on their MS-CPAS2 test. The scores include:

• Aysia Parker	Advanced	Highest Category of Scores	• Athena Harden	Advanced	Highest Category of Scores
• Aleria Hull	Advanced	Highest Category of Scores	• Jaquan Nelson	Proficient	High Category of Scores

Course work in the marketing education curriculum is expanded to include application and integration of technology, higher-order thinking skills, problem solving and core academic competencies.

Students also have opportunities to develop leadership, social, civic, and career skills in marketing through their participation in Future Business Leaders of America (FBLA), an association of marketing students. FBLA provides well-planned activities that can be integrated into the curriculum and projects that promote occupational competence.

## Early Childhood Education Class At The Vocational Center Is Largest In Program's History

Submitted by: Derek Morgan

As the 2017 – 2018 school year began, Martin Luther King Career and Technology Complex Mrs. Shawanna Turner's afternoon class of second year students grew much larger! All of her students from Year One of the Early Childhood Education returned for Year Two. It rarely happens that you not only recruit but retain a large class at the Vocational Center. "This speaks volumes about the teacher," said Dr. Derek Morgan, Vocational Director. Her students love the work she is doing and appreciate the learning experiences created in her classroom daily.

Mrs. Turner has created a safe, nurtur-

ing, and interactive environment that her students are excited to be enrolled within. Early Childhood Education (ECE) programs offer a rich and stimulating learning environment where children can develop positive relationships with others. The curriculum focuses around play-based learning. This program offers high school students the opportunity to gain experience working with young children as they determine their future post-secondary pursuits. We believe in the importance of quality early learning experiences as building blocks for early success.

### Benefits to High School Students

High school students benefit by gain-

ing an understanding of how children progress through developmental stages from ages 3 to 5. Under the supervision of Mrs. Shawanna Turner, her second year students hope to work closely with Local Head Start and SMCC preschool students. By conducting lessons, art projects, storytelling, supervising learning centers and coordinating games and activities that develop large motor skills. Most importantly, they learn how to effectively and appropriately communicate with young children.



From Left to Right: Kelsie Washington, Kaniya Wilson, Arkala Williams, Sharmayne Norwood, Kristen Hollins, Latricia Harrison, Noreal Thompson, LaDonna Jackson, MRS. Shawanna Turner, Ardajiah Causey, Aaliyah Wheeler, Jammecia Baker, Tangie Thompson, Rikayla Jackson, Michelle Byrd, Carlondria Jackson, Corneshia Whiting, Chamecia Smith. Not Pictured: Tacarra Clark

## FCAHS HOSA News

*Submitted by: Melissa Graham*



Forrest County Agricultural High School HOSA members, along with their advisor, Mrs. Judy Grice and teacher, Denise Fortenberry, attended the International HOSA Convention in June 2017 at Walt Disney World in Orlando, Florida. Congratulations go out to Amber Fields, Mary Claire Boone and Bria Keith for receiving bronze and gold recognition for the Barbra James Service Award. (Pictured in large group photo from L-R: Judy Grice, Ebony Williams, Maya Wells, Kennedy Fantroy, Camryn Clark, Amber Fields, Shay Ard, Dania Linares,

Mary Claire Boone, Bria Keith, Ally Ratliff, Hollie Morgan and Denise Fortenberry). (Pictured in small group photo are L-R: Amber Fields, Mary Claire Boone and Bria Keith.)

Congratulations to Ally Ratliff, a senior at Forrest County Agricultural High School, for being elected as the Mississippi HOSA State Vice-President. On August 17-19, she attended the HOSA State Officer Leadership Conference in Raymond, MS. All state HOSA officers took part in planning upcoming HOSA events and presentations for the 2017-18 school year.



## Automotive Service Program Preparing for NATEF Certification

*Submitted by: Tracy Burnley*

The Automotive Service Technology program at the Kosciusko-Attala Career Tech Center is getting updated equipment for NATEF certification.

Mr. Richard Sullivan, Field Service Tech from Hunter Engineering, recently installed the latest model tire machine in the automotive shop and provided instruction on its operation.

Pictured are Mr. Sullivan and Mr. Gerald Simmons, automotive instructor.



## South Panola Career Pathways Experience Class

*Submitted by: Leah Anne Wrenn*

Robert Barnard and Leah Anne Wrenn's CPE students recently completed a study in Independent Living on Credit, Purchasing a Vehicle, and Purchasing Real Estate. Students in CPE visited with Pride Hyundai Auto Salesman, April Walters, about purchasing a vehicle. Mike Linton, Branch Manager from Bancorp South, spoke to students about establishing credit and identity theft. In addition, CPE students visited a real estate property with Bobby Baker of Century 21 to learn about purchasing a house.





# Career & Technical Education Hosts College Day at Petal High School

*Submitted by: Brooke Walter*

On September 21, 2017, the Career & Technical Education Department hosted College Day at Petal High School. Nearly 60 tables of college and military representatives were ready to greet seniors as the fight songs of participating colleges played in the background. Seniors spoke with these college admissions counselors and numerous departmental representatives to gain information about college selection, offered majors, the enrollment process, scholarships, and campus life. Military recruiters were also present to answer questions regarding enlistment, educational opportunities, and advantages of the military. During this time, participating representative were able to enjoy refreshments provided by the culinary arts classes.





# Health Science Students From the Kosciusko-Attala CTC Gain Insight From UMMC Surgeons Regarding Organ Transplants

*Submitted by: Tracy Burnley*

Amy Price, Health Science Instructor from the Kosciusko-Attala CTC along with two Health Science students spent the day with the transplant surgery team at UMMC in order to learn more about the entire transplant process. The two students, Anna Claire Blaylock and Natalie Howell, began this journey by becoming interested in the process at their local District HOSA Competition. The girls competed in the category of Health Career Display and selected a Transplant Surgeon as their career of interest. The girls then advanced on to State Competition, where they received 1st place and then on to compete at the International level in Orlando, FL at Walt Disney World in June 2017.

To enhance the students' presentation for the international competition, Dr. Christopher D. Anderson, professor and chief of transplant surgery at UMMC, invited the students and their health sciences instructor, Amy Price, to "shadow" UMMC surgeons during a procedure, tour the department's clinical facilities and interview members of the transplant team.

"These two young women were resourceful, showed passion and initiative and the project really impressed me," Anderson said. "Having them shadow our team was really a no-brainer. Things like this are really just another component of our teaching mission at an academic medical center. It's an opportunity to positively influence our future students before they become our students."

The budding health science students each said they were excited to take advantage of the opportunity to rub elbows with transplant experts for deeply personal reasons. Blaylock, 15, has visited the Medical Center since she was 10. A mishap with an electric scooter required her to have surgery on her leg. After weeks of physical therapy, she made a complete recovery. "We're just blessed UMMC took good care of her," Blaylock's mother, Kelli, said. "Anna Claire was a cheerleader in eighth and ninth grade and she can do whatever she wants to do. We credit Batson Children's Hospital for that." Although her experience at Batson may have ignited an interest in health care, Blaylock credits a pair of her fellow church members - a kidney donor and the recipient of that organ - for drawing her attention to transplant surgery. "Their story really inspired me," she said. "It was one of the reasons we decided to do our display on transplant surgery."

The other reason? Howell, 16, who was making her first visit to UMMC, has an aunt with kidney disease that requires dialysis. "She's always told me about it (dialysis), but I've never really understood it," Howell said. "Doing this project and learning more about it turned it into something I could understand."

The students and their Instructor toured clinical areas at UMMC, took note of the transplant team members' various duties, and visited with Dr. James J. Wynn, professor of transplant surgery, and others who provided insights into the profession. "Talking to all the doctors was great - they were all so nice, hospitable and welcoming," Howell said. "Having them describe all that they do was very eye-opening. It was a great experience."

What really impressed the young scholars was what transpired in the operating suite. While they watched from the back of the suite, Dr. Truman M. Earl, associate professor of transplant surgery, began a routine laparoscopic gallbladder removal. However, the procedure soon became more complex than what originally had been expected. "We had to leave and didn't get to see the end of the surgery, but it was exciting. After this experience, you see that surgeries sometimes don't go as planned and you have to make quick decisions."

Price, an R.N. who attended UMMC, was appreciative of the transplant team's efforts to assist her students. "Hats off to the doctors to take their time, even though they were very busy, to recognize the importance of these kids learning," Price said. "They would have never had the opportunity to do something like this where we live. It made a lasting impression on them that they'll never forget . . . Their mothers said when they came home they never quit talking all night about their experience and how much they had learned."

Dr. Dakota C. King, a house officer in general

surgery, can relate. A native of Kosciusko, King took the same health sciences class when she was a Kosciusko High School student. The scholars interviewed her for their initial HOSA presentation. King said the opportunity for students from rural areas of the state to gain exposure to Mississippi's health sciences campus is invaluable. "The first time I set foot on campus was for my medical school interview," she said. "Getting students involved earlier will allow them to learn of the endless possibilities of careers in health care and encourage more students to consider UMMC for furthering their education. They (Blaylock and Howell) were very motivated and interested in learning as much as they could about transplant surgery and organ allocation. With so many Mississippians having kidney disease, their choice of transplant as a topic for their project couldn't be more relevant. I am proud to see them succeed and represent Kosciusko on not only the state level, but on an international level as well."

Blaylock said the visit to UMMC will strengthen their presentation on HOSA's international stage. "It definitely has taught me a lot of things about what I want to do when I get older, and several things about the medical field," she said. "In our presentation, we'll talk about all these experiences that we've had and how they have informed us about the need to be an organ donor. It will definitely help us increase awareness of organ donation for the general public."

"This (project) has changed my perspective a lot," Howell said. "I get my actual (driver's) license in six months, and I'm going to be an organ donor." Howell said social worker Terri Taylor's comment during the UMMC visit summed up her shadowing experience. "She said watching transplant surgery is like watching someone die and come back to life," Howell said. "You watch them (transplant patients) at their worst. Then you watch them after they recover and it's like watching them survive. That really hit me - and I was glad this (visit) was something I wanted to do."





## ACTE Announces Mississippi Intro to Agriscience Instructor as National Award Finalist



The Association for Career and Technical Education (ACTE) announced Mary Helen Lett, Agriscience Instructor at Forrest County Agricultural High School in Brooklyn, Mississippi, as the 2017 ACTE Region IV New Teacher of The Year. This award recognizes new CTE teachers who have made significant contributions toward innovative and unique career and technical education programs and shown a professional commitment early in their careers.

Mary Helen Lett has taught Introduction to Agriscience for the past three years to 9th grade students at Forrest County Agricultural High School (FCAHS) in Brooklyn, Mississippi. The school is unique as it is located on a 320-acre working farm where students have the opportunity to care for cattle, horses, goats, sheep, and swine. Lett not only leads the instruction of these fields by routinely incorporating technology into various lessons designed around the hands-on work of maintaining the farm, but she lives on campus in order to take care of the livestock and grounds year-round. In addition to her teaching duties, Lett works with elementary students from the local community to instruct them in proper techniques to care for various 4-H show animals as they prepare for competitions and events. She is co-advisor for the Brooklyn FFA, where she has led 110 members in her chapter to advance to competitions at the district, state, and national levels.

Lett works closely with other agricultural education programs in the school to provide career guidance to her students who express an interest in building upon the foundation they receive in her classes. Through partnerships with local community colleges and state universities, she has successfully exposed students to a variety of postsecondary education options. She regularly invites guest speakers from across Mississippi and surrounding states to visit with her students, constantly seeking to expose her students to the diverse opportunities within the field of agriculture. For her leadership in agricultural education, Lett was selected as Forrest County Agricultural High School's 2016 Teacher of the Year and as the 2016 Mississippi Farm Bureau Teacher of the Year. Suzanne Kelly, CTE Director at Forrest County Agricultural High School, says, "I truly believe the future is bright for Mississippi students with teachers like Mary Helen Lett who desire to make a positive difference in the lives of students."

Lett is one of five finalists for the 2018 national title. The national winner will be announced at the ACTE Awards Banquet, a dinner and awards presentation recognizing the best CTE educators in the country. The event will take place on Wednesday evening, December 6, during ACTE's CareerTech VISION 2017 in Nashville, Tennessee. The Awards Banquet is sponsored by Express Employment Professionals, the US Army, CareerSafe, Stratasys, and International Baccalaureate. For more information about the ACTE Excellence Awards, visit our webpage.

## Health Science Students Raise Relief Funds

*Submitted by: Rhonda Brewer*

Health Science students at Lamar County Center for Technical Education designed and sold a tee shirt for the Hurricane Hosea relief effort. They raised \$352 and used the proceeds to buy needed supplies for Texas storm victims. Pictured are the Health Science 2nd year students with the items they purchased.



## How Has Your School Changed Over Its History? Has Your District Started a New Class or Program?

Exciting times are happening at the Vicksburg Warren School District Career and Technical Center (CTC). I have only been here for two years, and I can already see how much the CTC has changed, and the impact the change will have on our community. In the past, CTC programs consisted of typical programs that were tailored toward manufacturing, construction and health. Vicksburg Warren Career and Technical Center program offered traditional programs such as carpentry, welding, diesel mechanics, and agriculture for students in VWSD. These programs were thought of as programs for students who were less likely to go to a four year college, which we know now is not the case. These traditional programs have provided opportunities for individuals to gain valuable career skills that helped prepare them for careers which were available at the time. Many individuals within the community have benefited from these programs and have gone on to even become successful businessmen and businesswomen in their area of interest. From these traditional programs, our community has seen a great benefit.

With the 21st century before us and technology being the wave of the future, programs at the CTC have expanded to keep up with the times. With community input, the CTC saw a need to provide services that would prepare students for 21st century jobs. Superintendent Chad Shealy saw a need to include the U. S. Army Corps of Engineers' Engineering Research and Development Center's input on programs that would benefit Vicksburg Warren School District's community. With this collaboration, the Engineering and Biomedical Science programs were implemented at the CTC. These programs provide course-

work through a curriculum developed by Project Lead The Way (PLTW).

The Engineering program provides an engineering introduction to students while exposing them to careers around the engineering field. Students have the opportunity to design self-powered cars, commercial buildings, bridges and more. The Biomedical Science program provides students with hands on activities that prepare them for careers in the health and science field. Students have an opportunity to explore a variety of career fields and to obtain the training and education needed for that field. Both programs have brought in current practitioners as speakers to help bridge learning with additional real life application. These programs have been successful enough for the district to even provide two additional teachers to support the student need.

In 2015-2016 school year, the new Dean of Hinds Community College, now Vice President Marvin Moak, saw the need to provide Simulation and Animation Design to Career and Technical students and the community. With graphic design and gaming being a highlight of the new technology era, students gain valuable computer skills to prepare them for careers as graphic artists, gaming artists, audio creators, multimedia artists and more. The program is also a highly requested class at the CTC. This program has seen students earn dual credit while in high school to later enroll at Hinds Community College in the program.

With partnerships with Mississippi State University, Alcorn State University, and Hinds Community College, the Vicksburg Warren School District Career and Technical Center also offers a dual credit engineering course. The course is provided at the CTC

which is located at HCC. Students are able to receive dual credit through the engineering course either with MSU or ASU. Students will learn fundamentals of engineering, the process of developing engineering solutions and more to help prepare them for college and careers. This is a magnificent partnership between multiple entities striving to prepare and equip VWSD students for the 21st century.

These programs are not the only changes the district has seen within the past few years involving Career and Technical Education. The VWSD is now offering students Computer Science at one of its high schools. The Computer Science course provides its curriculum through PLTW. Students will learn skills as to how to create apps for community needs and develop solutions for national security. In addition, the junior high schools will be implementing their Design and Modeling course developed by PLTW to help students to understand concepts and careers in Engineering, Biomedical Science and Computer Science.

With the 21st century seeing constant new developments in technology, Vicksburg Warren School District has decided to prepare students by providing programs that with help equip students with technology skills. These programs are destined to assist students with career skills for the future. Students now have more options at the CTC beyond that of just of typical programs. By providing more opportunities for students, the VWSD is sure to reap positive gains from its effort.

Terence A. James, PhD  
Career Technical Administrator  
Vicksburg Warren School District



## South Panola

*Submitted by: Leah Anne Wrenn*

Mr. Barnard's and Mrs. Wrenn's CPE students visited the Tax Assessor's Office, Chancery Clerk's Office and attended Circuit Court proceedings for plea day.



## MSACTE-Summer Conference 2017



## District 1 Fall Meeting



## District 2 Fall Meeting



## Achieve 100 Percent Award Winners

Each year the national and state office recognizes centers that have 100 percent membership in ACTE by November 30. These schools must have all their teaching staff, administrative staff, and counselors pay their dues prior to November 30. The names of these centers are posted on the national website and published in The Techniques magazine. MS ACTE also presents each center with a framed certificate to be displayed at their school and publishes a list of winners in our state newsletter. The winners of the Achieve 100% Award this year are:

David Williams, Jr. Career and Technical Center  
Hancock County Career Technical Center  
Lamar County Center for Technical Education  
Madison Career and Technical Center  
Newton Career Center  
Lawrence County Career Technical Center  
Petal High School Career and Technical Education  
Choctaw County Career and Technology Center  
Forrest County Agricultural High School  
Forest-Scott County Career and Technical Center  
Hinds Community College Pearl-Rankin Career and Technical Center  
Hinds Community College Vicksburg-Warren Campus  
Kosciusko/Attala Career Technical Center  
South Panola High School  
Newton County Career and Technical Center  
Philadelphia/Neshoba County Career Technical Center





Association for Career  
and Technical Education**ACTE****2018  
Region IV  
Conference****April 3-5, 2018****Embassy Suites by Hilton in Albuquerque, NM***Join us April 2018 in beautiful Albuquerque, New Mexico!!**Your registration fee will include a reception, meal, break refreshments, entertainment, vendors, and a full day and a half of workshops!*

NMACTE will be hosting a FABULOUS Region IV Conference with the continued goal of providing professional development for teachers, counselors, and administrators, both secondary and post-secondary!

**Please plan on joining us!!!**More Information to follow: [www.nmacte.com](http://www.nmacte.com)

Contact Information: Carol McAlister, NMACTE Executive Director (575-302-5458)





## MEMBERSHIP APPLICATION

**Mississippi Association for Career and Technical Education**

P.O. Box 85 • Raymond, MS 39154 • 601-857-5763 • Fax: 601.857.2907 • e-mail address: edofmsacte@aol.com

**Instructions:** Please fill in all sections of the form, attach payment and mail to the MS ACTE office. MS ACTE dues also include ACTE dues. If dues are over \$100, they also include the state affiliate dues.

### Division Membership

Check desired division(s). Add \$10 for each division over one.  
Dues for affiliated associations must be included.

ZS	Secondary Administration (ADM) . . . . .	\$115
Z	Comm/Jr. College Administration (ADM) . . .	\$110
A	Agriculture (AGR) . . . . .	\$180
B	Business Education (BUS) . . . . .	\$100
P/D	Post Secondary/Marketing Education (MAR) . .	\$100
S/D	Secondary/Marketing Education (MAR) . . . .	\$100
G	Guidance & Career Development (GUI) . . . .	\$100
HSTE	Health Science Technology Education. . . . .	\$105
FAM	Family & Consumer Science (FAM) . . . . .	\$120
I	Engineering and Technology Education (TGY) .	\$115
X	Adult Workforce Development (AWD) . . . . .	\$107
T	Trade and Industrial (TRA) . . . . .	\$110
J	Support Staff (WWJ) . . . . .	\$105
N	Student Services. . . . .	\$120
CPE	Career Pathway Experience. . . . .	\$100
WWM	Tech Prep . . . . .	\$100
	Retired - ACTE Life Member. . . . .	\$3
	Retired . . . . .	\$34
	Additional Division (\$10 each) . . . . .	\$___
	Insurance (Optional) . . . . .	\$30

**Total (Dues plus insurance) . . . . . \$\_\_\_\_\_**

Name \_\_\_\_\_  
Last First Middle

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

MS ACTE District (see reverse side) \_\_\_\_\_

Place of Employment \_\_\_\_\_

New Member      Renewal

ACTE# \_\_\_\_\_

ACTE Life Member (Must pay MS ACTE Dues)  
(Subtract \$60 from total)

Phone: Home \_\_\_\_\_

Work \_\_\_\_\_

Cell \_\_\_\_\_

Fax \_\_\_\_\_

E-mail Address \_\_\_\_\_

Mastercard No. \_\_\_\_\_ Expiration Date: \_\_\_\_\_

VISA No. \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature \_\_\_\_\_

**\*\*Make check payable to MS ACTE. If you are paying by purchase order, it must be attached.\*\***

### Educator Professional Liability Insurance Application

Insurance in Effect Through June 30 Following Your Date of Enrollment - **You Must be a Member of MS ACTE**  
Total Cost: \$30 (\$26 premiums; \$1.10 taxes and fees; \$2.90 MS ACTE administrative fees) - Make Check Payable to MS ACTE  
I hereby apply for the educator professional liability insurance offered through Dupre-Carrier-Godchaux.

Name \_\_\_\_\_ ACTE # \_\_\_\_\_ Date \_\_\_\_\_

Street, Box, or Route Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

(Complete details on the coverage are available from the MS ACTE office.)