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Greetings,

It seems just a week ago we wrapped up Summer Conference, but as I write this, mid-quarter grades go out to students. Time seems to slip by unnoticed. Let us not forget the two most important things we know: career and technical education and our students.

As I talked with teachers this last summer and year, I asked them, "What is the greatest part of teaching?" Most of them would reply ... the students, specifically when a student would come back after graduation and tell them the impact they made on the life of the student. I would agree that we are all here for the students and it is exciting for them to come and tell you what a difference you made. Have you stopped to think about the teachers or people that made that difference for you as a student? As a teacher? I was inspired as a student by Industrial Technology Teachers Greg Paige and Ben Yates at Hickman High School and Eddie McCoy, the auto mechanics teacher at the Columbia Career Center. Once I was a teacher, I was unsure of how long I would be teaching. Thankfully, I became involved in TEAM (then Missouri Industrial Technology Education Association). I worked with several teachers in the organization, but there are two that were always around and willing to answer questions for me and to help me with whatever they could. Steve McNaught and Mark Arnold are still involved today and still help many teachers with whatever they can. I thank them for their dedication over the past years. I challenge you, if you have not done so already, seek out those who have helped you and let them know this year.

Summer Conference is the largest professional development opportunity we have during the year. During the Conference, we get to meet with 2500 others that feel career and technical education is

the most important part of our students' lives. We had the opportunity to hear Dr. Harry Wong speak at the two-part Opening General Session. Dr. Wong spoke about many ways to start off the school year right and to maintain student interest for the entire year. Each division also met and provided relevant workshops for the teachers in that division. New professionals were given the chance to meet great teachers and hopefully make connections that will last a lifetime. If you have a new teacher in your building this year, help them out every chance you get. Don't forget how hard the first year of teaching was and how nice it was to have someone nearby that you could go to for help and to answer questions.

Summer Conference is not only for professional development, but also for building Missouri ACTE into a great organization. Our committees met, our Executive Board met, and the House of Delegates met. We elected a new President-Elect, Glenda Jordan Whitney. If you were asked to serve on a committee, I hope you said "yes." If you were asked to chair a committee, I hope you said "yes." The committees have a representative from each division for two reasons. We get input from every division and every division receives a report back from the committee member as to what is going on in the organization. If you are willing to serve on a committee, see your division president. Openings are available every year.

National ACTE meets this year in Las Vegas from December 13th to 15th. I hope that many of you will attend and support Career and Technical Education. Come and see what other states are doing. Come and see what you can do to help ACTE become a stronger association. With the authorization of NCLB coming up, we need to be involved in making this legislation great. Register online at: <http://acteonline.org/convention>.

My year as President-Elect was fantastic and I learned a lot. I look forward to a great year as President and will help wherever I can. Don't hesitate to email me or the association office if you have any questions over the next year.

*Gary Duncan*

President Missouri-ACTE  
gduncan@moberly.k12.mo.us



↑ *Missouri ACTE's delegation at the Region III Meeting in Springfield, IL*

The summer of 2007 has flown by so fast I am not sure there was a summer. I hope everyone had a relaxing and fun-filled summer spent with family and friends. It is hard to believe that we are back in the swing of another school year. I will have to say, after starting school for the 27th time, it is still an exciting time of the year. However, if the school year goes as fast as the summer did, everybody better put their seat belts on and get ready for the ride. Every year, it seems, we plan for every possible scenario in our classrooms but somehow, along the way, situations occurred that make us change our course to benefit the students with whom we are working. As Career and Technical educators, I know that we can rise to the occasion and walk the steps of our journey with knowledge, truth, and dignity. Have a great year.

This year's Region III Leadership Conference was held in Springfield, Illinois, the "Land of Lincoln." Sherry Struckhoff, Karen Mason, Donna Vossen, Gary Duncan, and I represented the "Show-Me" State. The Region III Leadership Conference was held in conjunction with the Illinois ACTE state conference. There were a wide variety of workshops to attend after the Opening Session with Dr. Debra Peppers as the keynote speaker. The Region III Policy Board met during the Conference to discuss several items of importance concerning the six states (Illinois, Indiana, Iowa, Minnesota, Missouri, and Wisconsin) found within the region.

### Dues Increase for ACTE

**Part A:** The ACTE Board will be proposing an amendment to the ACTE Bylaws that will allow the ACTE Board of Directors to set ACTE dues. Currently, the dues are set by the ACTE Assembly-of-Delegates at the Annual Convention.

**Part B:** Consideration of a dues increase that would cover the cost of liability insurance. Please be aware that ACTE always refers to the liability insurance as a member benefit. (Don't ask me the difference because the dues will go up to pay for it.) At one point, the ACTE Board of Directors was going to approve the increase to cover this member benefit but tabled the issue until the Assembly of Delegates meeting in Las Vegas. A contributing factor to the Board's decision to table this issue was the poor response to the member survey. If you will remember, ACTE did a survey last fall and they received approximately 1,100 responses from a group that consists over 30,000 members. I know that a lot of individuals had problems answering the survey on line. (I know I did and I

finally gave up.) I am sure that would account for the overall low number of responses. There has been discussion that ACTE might consider conducting another survey of the membership to determine interest in adding or not adding the liability insurance. If you ever have a problem participating in online surveys sponsored by ACTE or voting, please let me know.

### Award Winners Selected

**Stanley Green** won the Region III Outstanding New Career & Technical Teacher award. Stan is the Machine Tool Instructor at the Lebanon Technology and Career Center.

Overall nominations were down this year, as compared to previous years. The Policy Board discussed the reasons behind the low numbers. It was recommended that at future Region III Leadership Conferences a workshop be held on how to complete the award application process.

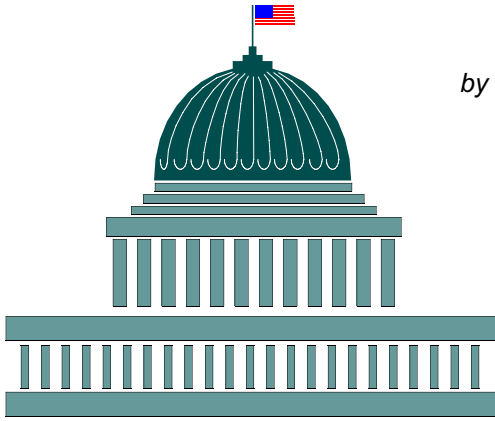
### Region III Vice President

As of July 1, 2007, Karen Mason, Family and Consumer Science instructor at East Newton High School officially became the Region III Vice President. Karen takes over for Bryan Albrecht who completed his term as Vice President and was elected President of ACTE. Good luck Karen and Bryan!

I think that is all the news from Region III. As always, it is a pleasure to represent Missouri at the regional level. I thank you for the opportunity to serve. Please feel free to contact me at 417-359-7026 or at [sponauglem@carthage.k12.mo.us](mailto:sponauglem@carthage.k12.mo.us) if you have any questions or concerns.



**Congratulations**  
**Glenda Jordan Whitney**  
 Missouri ACTE's  
 2007-08 President-Elect



# Legislative Committee Report

by Rusty Black, Chair, Missouri ACTE Legislative Committee

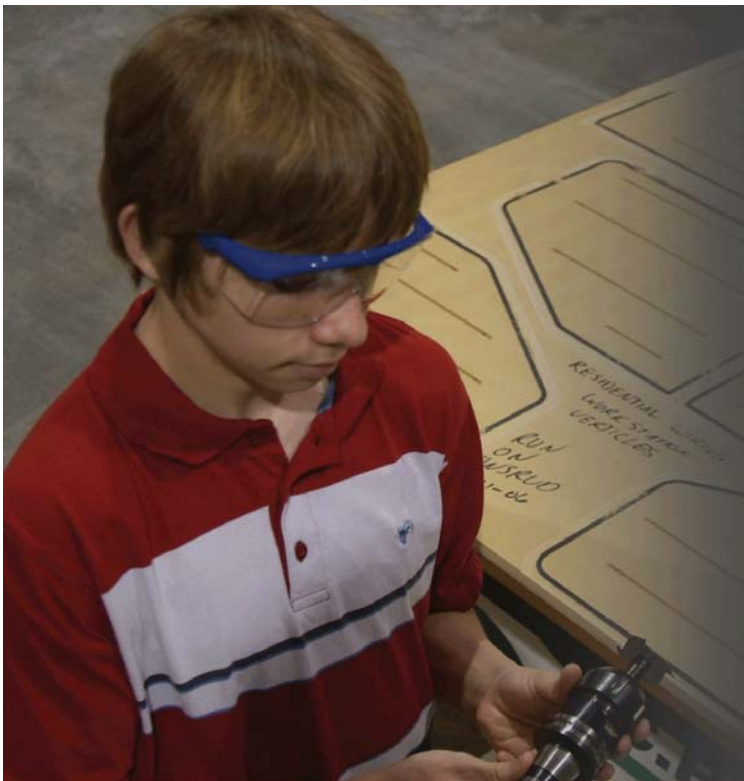
“Advocate for an effectively trained workforce by influencing state and federal legislation through membership and involvement.” This statement is the goal of the Missouri ACTE Legislative Committee. Please note the goal does not state the Legislative Committee will take care of technical education issues alone. The goal includes the involvement of Missouri ACTE members. The committee includes representatives from every division within ACTE. These members believe the Legislative Committee is vitally important to our profession and, more importantly, to our students today and the students in our classrooms and shops (labs) tomorrow.

The Committee approved 11 activity statements to support our goal. Each of these activities needs the membership involvement – not merely the Committee. The committee members you have selected are dedicated to our goal. Unfortunately, the Committee cannot

effectively advocate with our small numbers – we need other professionals to join with us to effectively advocate for Missouri ACTE. The Committee established a personal goal during our meeting last summer to contact each of our representatives on the State level before the 2008 legislative session begins.

This is a lofty but important goal considering our busy lives. The Legislative Committee at this time consists of 11 members. If each of us accomplishes our goal, that is 20 members of the Missouri Legislative delegation. Those 20 contacts would be important but would not really be anything to brag about. If Missouri ACTE would have only 20 hundred of the members (less than ten percent) contact their State Representative and Senator, what a difference that could make when Sarah Topp or Bill Gamble contacted a Representative or Senator on behalf of Career and Technical Education.

Don't say, "somebody else will do it." Step forward, as a Missouri ACTE member, and invite a legislator to your program, a meeting or, when they stop in your community or nearby, attend a meeting and introduce yourself. The positive relationship these contacts may establish might help us someday to become proactive in some legislative areas rather than reactive. Please join us in our Goal: Advocate for an effectively trained workforce by contacting your Representative or Senator.



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# Missouri Association for Career Services (MACS)

Over 50 members of the Missouri Association for Career Services (MACS), a division of Missouri ACTE, gathered in Columbia on September 13-14 for their annual Fall Conference. The group attended breakout sessions covering topics which included updates from DESE regarding Perkins Funding and 180-day Follow Up, as well as presentations about the Career Prep Certificate, MCCE Career Education Coordinators and Resources, and Generational Diversity in the Workplace. Dr. Donald Claycomb, President of Linn State Technical College, addressed the group at their evening banquet with his presentation, "The Calvary Isn't Coming" and Dr. Bragg Stanley, DESE, presented information about challenges and opportunities for Career Education.

Larry Baine, North Technical High School in St. Louis, and Sharon Bergman, Hannibal Career & Technical Center, were both honored for their years of membership and service in MACS at the Awards Luncheon. Both individuals are past MACS Presidents; Baine is a 28-year member of the organization and Bergman is a 10-year member. Other awards presented at the Conference included the Employer of the Year, presented to Marshall Chamber of Commerce Education Committee, and the Career Services Professional of the Year, presented to Linda Lindeman of East Central College in Union. Both awardees were selected from a slate of candidates nominated by the members of MACS based on their



↑ *MACS retirees pause for a photo at the banquet. Pictured from left to right are Larry Baine, 28-year member, MACS President Stephanie Wacker, and Sharon Bergman, 10-year member.*

outstanding service and commitment to the students who attend Missouri's high schools, area career centers, technical schools, and colleges.

Anyone interested in learning more about MACS and considering becoming a member can visit the organization's website at <http://macs.mo-acte.org> for more information.



## 2007 ACTE Convention and Career Tech Expo

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# Missouri Business Education Association (MBEA)

Members of the Missouri Business Education Association took a "Cruise to Excellence" this summer as they boarded the "S.S. Business" and participated in a variety of computer labs and concurrent sessions at the Annual MBEA Conference. The Conference was held in conjunction with the Missouri ACTE conference in Springfield, Missouri, July 23 – 26. MBEA also served as host of the regional North Central Business Education Conference with MBEA's own Laura Taylor serving as NCBEA President.

During the "Welcome Aboard" reception, several MBEA members were recognized for their accomplishments. New inductees to *Who's Who in Missouri Business Education* included Janet Lynn Barnes from Hazelwood West High School, Donna Conaway from Scott City High School, Donna Lutes from Scott City High School, Theresa Ann Struempf from St. Elizabeth R-IV, and Ruthann Williams from the University of Central Missouri.

Earning individual MBEA awards were: Susan Hoxworth from Bloomfield High School, New Professional of the Year; Susan

Senninger from Verona High School, Outstanding Business Educator — Secondary; and Arlene Broeker from Lincoln University, Outstanding Business Educator — College/University. Kickapoo High School earned the Program of Excellence Award in recognition of having 52% of its student body enrolled in business courses and a very successful FBLA chapter.

At the Closing Session, a new officer team consisting of Michelle Lindsey, Past President; Kelly Berhorst, President; Terri Redden, President-Elect; Rita Schildknecht, Secretary; and Judy Clark, Treasurer, was elected to guide MBEA members as they "sail" toward another successful school year.

MBEA members will have another opportunity to "navigate" their skills to a higher destination by attending the annual Fall Conference held in Lake Ozark, Missouri, on November 16 and 17. Conference registration and presentation information can be found at <http://dese.mo.gov/divcareered/conferences.htm#MBEA>.

# Missouri Marketing and Cooperative Education (MCEA)

## Missouri Marketing and Cooperative Education Division Presents Annual Awards

### MCEA Innovations in Marketing Award 2007

#### Cheryl Kintz



Cheryl Kintz from Lex La-Ray Technical Center in Lexington is MCEA's recipient of the 2007 Innovations in Marketing Award. Her program of activities operates a school store which is a thriving enterprise that exceeds \$26,000 in annual sales. Cheryl's marketing program has grown tremendously over the past three years and not just in numbers. Her DECA chapter has become a force in the local community, partnering with local businesses and civic organizations to

effectively make a difference especially with public relations projects. Cheryl also volunteers in the community, as well as teaching at the technical center.

According to her director, Brandon Russell, "With her leadership and dedication, the marketing program is making great improvements. It is obvious that she has developed a tremendous amount of respect and admiration in her students

and fellow colleagues. In her classroom, she implements innovative ideas that capture the attention of her students." Cheryl has ten years of industry experience that adds realism to her instructional approach.

Cheryl was elected secretary of the Missouri Marketing and Cooperative Education Association at the 2007 Summer Conference.

### MCEA Marketing Teacher of the Year 2007

#### Vicki Hillsman



MCEA's Marketing Teacher of the Year is Vicki Hillsman who teaches at El Dorado Springs High School in El Dorado Springs. This 24-year marketing veteran has developed a program of excellence and tradition during her tenure. She has sponsored a school-based enterprise which was once an operation selling cookies and milk from a table and now is a true store in a classroom, grossing over \$40,000 a year.

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# Missouri Marketing and Cooperative Education (MCEA)

## MCEA Marketing Teacher of the Year 2007 (Cont'd.)

Profits from the store provided contributions to various charities and assisted in paying student expenses at national DECA competitions. Students have gained understanding and knowledge about how a business works, what it is like to succeed with products that everyone wants, and to fail with that product that just does not sell.

Vicki has assisted students in writing program grants that have benefited her entire school district; raised money for the American Cancer Society, and the Christmas Basket Project. At the same time, she has been very active in supporting DECA by serving on various committees, presenting carousels and as 2006-2007 DECA Board President. Within her local community, she has worked with her Chamber of Commerce, 4-H, and Alpha Delta Kappa.

Vicki's superintendent, Roger Barnes, describes Vicki as "possessing skills highly sought after as an educational instructor. She is visionary, creative, compassionate and committed to doing the best for her students, so they too may be successful. Mrs. Hillsman is certainly a positive role model, not only for her students, but also for new marketing instructors."

Vicki was elected board member of the Missouri Marketing and Cooperative Education Association at the 2007 Summer Conference.

## MCEA Cooperative Education Teacher of the Year 2007

### Janell Allred



Clinton Technical Center's Janell Allred is the 2007 MCEA Cooperative Education Teacher of the Year. Janell has been the cooperative occupational program instructor for the past ten years. Her COE program meets the needs of the community by providing employees that have work values and ethics. The successful work experience in her class depends upon a training

manual which has been revised annually by students, employers, and advisory committees. Mrs. Allred's students work in this highly visible program that is readily recognized within the community. Students also get a first hand view of student work values and ethics by working in the school store.

Mrs. Allred has worked with DECA students by supporting them in their projects with MDA, Kids Kamp, American Cancer Society, and Relay for Life. She has also devoted time to MCEA by serving as President of the Cooperative Education Association in 1999 and was the local, state and regional recipient of the Outstanding New Career and Technical Teacher of the Year in 2000-2001.

Janell has stated that she enjoys education. "The students are the reward for hard work and they have fueled my desire to remain in career and technical education and to always do my best for my students, my school, and my profession. In addition, Dr. Julie Lyman, former DECA State Advisor says that "Janell has approached her teaching career with purpose and dedication, giving her best in order to ensure maximum benefits for her students. She has demonstrated a serious commitment regarding all aspects dealing with best educational practices."

Janell was the statewide recipient of the Missouri DECA Crystal Catalyst award in 2007 and is the main frame behind the marketing and cooperative education listserve that keeps our educators connected and up-to-date throughout the state.

## MCEA Outstanding New Career and Technical Teacher 2007

### Lisa Beavers



Lisa Beavers is a marketing instructor at Central High School with the St. Joseph School District and has just completed her fifth year of teaching. During that time, she has sponsored the school's DECA chapter which participated in a community coat drive, food drive and raised funds for MDA. Lisa is committed to preparing students to succeed in life after high school graduation by bringing

real world marketing opportunities to students in the classroom. She uses rigorous project based learning to teach relevance to real world subject material and careers. Lisa strives to use excellence in all programs and is involved in creating an environment of professionalism in her classroom.

Lisa's principal states in her letter of recommendation, that "Lisa is an outstanding teacher. She not only presses students to challenge themselves academically, she also exhibits a personal work ethic that demonstrates the extent of her passion for teaching and learning. Lisa's dedication to her work and her attention to detail make her an invaluable member of the faculty."

This year, Lisa is serving as a mentor in the Division of Career Education Mentoring Program for a new marketing educator.



# Missouri Educators of Family and Consumer Sciences (MoEFACS)

## MoEFACS Members Honored at 2007 Awards and Recognition Reception

MoEFACS recognized outstanding Family and Consumer Sciences educators, retirees, and scholarship winners during the Awards and Recognition Reception, Tuesday, July 24 at the 2007 Missouri ACTE/MoEFACS Summer In-service.

### MoEFACS Teacher of the Year

#### Regina Rainey



The recipient of the 2007 MoEFACS Teacher of the Year Award was Regina Rainey. Regina has been teaching for 32 years and for the last 27 years she has been educating and supporting students at Zalma School District, a small school located in Southeast Missouri.

It is best said in Jim Collins book "Good to Great comparing a "work horse" and a "show horse"; While a show horse can be counted upon to prance across the stage, the work horse is the one who gets the job done. Regina has been MoEFACS "work horse" for many years!

In a school that is limited by its size, lack of local businesses and resources, and low socio-economic status, it would be easy for the family and consumer sciences students at Zalma High School to stop trying and settle for less than their best. Through Regina's use of creative approaches to technology, diversity education, exposure to leadership situations, and her ability to meet the needs of the students in her district, she ensures that her students rise above minimal expectations to experience and learn about the world and opportunities available to them. She has added college credit courses to her curriculum, integrated technology into her classroom, and helped many students experience the world beyond their own school by traveling the US.

Regina's teaching abilities are characterized by a strong passion regarding the curriculum, application of knowledge, and most of all her students. And her impact on students, community and the FACS profession can best be described as all encompassing. She has had former students become FACS teachers and become involved in many community service projects. She began her teaching career with an understanding that professional involvement was important.

Regina has held professional membership and given countless hours of service to MoEFACS, Missouri ACTE, ACTE and NATFACS, MSTA, and others. Regina has served on many district and state committee's as well. Other contributions to the profession include helping to author the MAP health tests, Missouri's Family Health curriculum critical thinking guide and co-authoring the Missouri Department of Conservation curriculum.

Contributions to the FCCLA organization are unending including presentations, mentor advisor, 80 student officers in FCCLA at regional and state levels as well as two national officer candidates and numerous FCCLA honors.

Regina has been dedicated to her fellow peers from the beginning:

A peer stated, "When I consider the qualities that would be represented in a 'Teacher of the Year,' I think of someone who goes far above and beyond to provide students with unique opportunities they would otherwise not experience; someone that completes the essential, yet often non-glamorous work that needs to be accomplished in professional organizations and district committees; someone who welcomes new professionals to conferences and educational opportunities, providing them with encouragement." Regina is all of these things and so much more to our profession. She finishes the tasks that are necessary and important for our profession, such as mentoring new teachers, developing strong, close relationships with policymakers, building a reputation with district administrators that would have them shudder at the thought of closing her program just to save a little money.

It is truly a pleasure to honor Regina as our "show horse", Missouri Educators of Family & Consumer Sciences 2007 Teacher of the Year!

### Retiring FACS Teachers



In addition to the various awards presented, two retiring teachers were recognized for their years of service to Family & Consumer Sciences Education:

Pinky Gum	Willow Springs High School
Judy Glaze	Carrollton School District
Mary Gray	El Dorado Springs Middle School
Ann Martin	Fairfax High School
Debbie Agee	Pleasant Hope High School
Maude Coy	Blue Eye High School

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# Missouri Educators of Family and Consumer Sciences (MoEFACS) (Cont'd.)

## College and High School Scholarships

### College Scholarship

This scholarship is awarded to college students with at least 60 credit hours or who will have completed 60 credit hours (college sophomore or junior) at the completion of the current semester; who plan to obtain an education degree in Family & Consumer Sciences at a Missouri college or university with a grade point average of a least 3.0 based on a 4.0 scale.



↑ **Left to Right: Destiny Lewis, Donna Sharpe**

The 2006 college scholarship winner is Donna Sharpe, Northwest Missouri State University. She will graduate in May 2009 with her Bachelor of Science in Family & Consumer Sciences Education. Donna is a graduate of Highland High School, Ewing Missouri.

I wanted to share a little of what she wrote:

"Through out most of my life I have always wanted to help people in some way. As I went through school I have had many excellent teachers and role models. The teacher that has had the biggest impact on my life was my Family and Consumer Sciences teacher in high school. I discovered that teaching FACS was my passion and mission in life. With this passion it is more likely that I will be able to engage the students in daily activities and be able to relate it to daily life. This profession is one of the greatest in the world! This particular area allows me to be able to teach a wide array of classes. Helping children is my passion and I think that every student can succeed if given the right tools, and a friend to talk to and support them!"

Her professors have found the same enthusiasm, as she continues her college education. Lauren Leach stated, "Ms. Sharpe serves as an excellent role model of involvement, enthusiasm, and self-development that a college student should commit to. She speaks well of her career aspirations as a FACS Educator and there is no doubt Donna will be an asset to FACS education."

### High School Scholarship

The high school scholarship is given to a high school senior who plans to obtain an education degree in Family & Consumer Sciences Education at a Missouri college or university with a grade point average of a least 3.0 based on a 4.0 scale.

This year's winner is Destiny Lewis. Destiny is a graduate of Scott County Central High School, Sikeston MO and will pursue a Family & Consumer Sciences Education degree from Southeast Missouri State University.

Destiny has been involved in cheerleading, band and softball. Her activities also included art club, History club, beta club student council, and her church. Destiny received recognition in her senior class as Outstanding Citizen.

Her FCCLA activities included committee chairperson, chapter vice-president, chapter president, and Region 6 First Vice President, participation in STAR events and various FCCLA conferences and various community service projects.

Destiny prepared a PowerPoint about "Reasons for being a Teacher". She included many pictures of her working on projects, giving presentations and working with young children. She stated that being a teacher means: teaching students life skills, having fun while learning,

imparting knowledge, and dealing with real world situations. In her concluding slide she stated "I want to teach young people life skills that they will need and with this scholarship I feel it will contribute greatly to getting my training to becoming a teacher."

We look forward to working with both Destiny and Donna in the years to come!

**Congratulations to all award and recognition recipients for making a positive impact on Missouri Family and Consumer Sciences Education!**

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# Missouri Special Needs Association (MSNA)

## Missouri Special Needs Association Recognizes Winners



↑ **Left to right: Geneva Blue, Commitment to Excellence Award Winner; Joyce Medlock, 2007 Educator of the Year; and Jeff Kies, Distinguished Service for Educational Achievement Award Winner**

This year's recipient of the Commitment to Excellence award is Geneva Blue from the Southwest Area Career Center. At the tech center in Monett Geneva is employed as the Work Experience Program Coordinator. The Commitment to Excellence Award is given to an individual who exemplifies what excellence is while working with, or being supportive of, the special needs students within the career and technical school setting. Blue has established herself as an exemplary professional and a strong advocate for students with special needs. She has expanded the Work Experience Program both in numbers of students served and with opportunities for those students. She brings a strong degree of professionalism, dedication, and hard work to her position.

The Indirect Support Service Award is given in recognition of a person who has been instrumental in supporting the career and technical student with special needs. This year's recipient is Bob Forsee, who is a retired instructor and volunteer at the Rolla Technical Institute. Forsee works diligently to help students feel better about themselves and their abilities. Forsee was nominated because of his talent, energy, and the countless hours spent working in the Supermarket Careers Program at the Rolla Technical Institute.

For the last three years Jim Patterson has taught Basic Skills at the Fort Osage Career and Technology Center in Independence. The Linda Beachboard Beginning Teacher award is given to an outstanding individual who has taught career and technical special needs for less than five years. Patterson is a man with a mission. Patterson's impact at the school and on students has been invaluable. He has initiated many technical related lessons for math and communication arts to help students meet their goals. Patterson has also

evolved into an instructional facilitator for the building. Teachers have utilized his talents in many areas to help enhance their instruction.

The 2007 Educator of the Year award went to Joyce Medlock, from the Rolla Technical Institute. Joyce serves as RTI's Vocational Resource Educator and was the 2006-2007 President of the Missouri Special Needs Association. The purpose of this award is to recognize an individual for their outstanding performance assisting special needs. Medlock is one of the hardest working individuals you will ever meet. To borrow a quote, "Joyce is not "work brittle" or "shy about taking on extra responsibilities." Every one knows how much time, how much effort, and how much love Medlock puts into any project she takes on. As the VRE, Medlock is dedicated to the students she serves and is professional in every way. She always goes way beyond the call of duty to help a student and be that special liaison between the vocational school and the sending school. Medlock does her job so well and so completely that it frees the classroom teacher to actually do the teaching!

Last but not least, Jeff Kies, Vocational Resource Educator at the Fort Osage Career and Technology Center, was presented the Distinguished Service for Educational Achievement award. This award recognizes Kies for having gone above and beyond the call of duty on the behalf of students with special needs. Kies was nominated by his friends at the Rolla Technical Institute (RTI) for his work over the past three years on the RTI Car Show for which a portion of the proceeds benefit the Missouri Special Needs Association Scholarship Fund. Kies has not a missed a year helping, since the beginning of the car show. Kies is the kind of person who is always there if you need a helping hand. When he says he is available to help in any way needed ... he means it. He is available as a fellow professional and is available as a friend. Kies has devoted many hours to Missouri ACTE and MSNA. He has represented these organizations in numerous capacities and has had genuine concern for the membership and their impact on serving special needs students.

## Reporter Deadlines

Why not share your students' successes with a story in The Reporter? The deadlines for copy and advertising for the 2008 Reporter are:

Winter Issue - **January 11, 2008**

Spring Issue - **April 11, 2008**

Summer Issue - **June 2, 2008**

Fall Issue - **September 14, 2008**

# Missouri DECA's Contribution Helps Make All-Inclusive Playground a Reality



↑ **Dana Hillyer and Zachary Blakemore pose at the Zachary's Playground, a fully-accessible playground developed by Unlimited Play. Missouri DECA contributed more than \$10,000 to help finance the opportunity.**

Dana Hillyer, Missouri DECA State Vice President 2005-2006 and alum of Holt High School in Wentzville, wanted to make a difference and advance plans for Unlimited Play, a project that created an all-inclusive playground in the St. Louis area.

Through her role as a state and chapter officer, Dana rallied support among Missouri DECA chapters and helped net a contribution of more-than \$10,000 to help fund the project.

The Missouri DECA State Action Team adopted "Unlimited Play" as its primary civic consciousness beneficiary during the 2005-2006 school year. Using marketing skills and creativity, Dana and the State Action Team developed a state-wide civic consciousness campaign, "Link Together for Unlimited Play."

As a result of their work and the generosity of Missouri DECA's members, Missouri

DECA presented a check for more than \$10,000 to Unlimited Play during the Missouri DECA State Career Development Conference on March 20, 2006.

"Having the opportunity to work on Zachary's Playground has been an amazing experience," said Dana. "Missouri DECA not only contributed a lot of money to the project, but also helped raise awareness across the state of these special playgrounds."

This past April – a year after Missouri DECA made its contribution – the playground held its grand opening.

"Visiting the finished playground, it was unforgettable to play with Zach and know that Missouri DECA and I helped give him the chance to enjoy his childhood."

For more information, visit <http://www.unlimitedplay.org>



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## Project Ignition: Everyday Choices, Forever Outcomes

Having lost several friends in automobile accidents, the El Dorado Springs DECA members will be promoting safe driving among the local high school students through a grant they recently received from State Farm Insurance and the National Youth Leadership Council. Titled "Project Ignition," the grant was awarded to 25 student organizations in the nation. The El Dorado Springs' theme, "Everyday Choices, Forever Outcomes," will encourage students to think about everyday choices that can impair driving and lead to an outcome that was never intended. Jordan Kirbey, El Dorado Springs DECA member commented: "By raising awareness, we will hopefully end the tragic expectations of a kid dying every year."

Everyday Choices, Forever Outcomes will be a safe driving campaign and educational experience for the El Dorado Springs

High School from September 27 through October 16. DECA members will research driving statistics, plan and implement the month-long activities that include a driving simulator, guest speakers in assemblies, incentives, parent supervision agreement, a docu-drama, and integrated curriculum with participation from faculty.

Member Nikki Friar states: "The DECA Chapter at El Dorado High School is taking action! We want to reach the community and help prevent further accidents. We've lost five students in the past five years. We've had enough."

The El Dorado Springs DECA members are grateful for the opportunity provided by State Farm Insurance and the National Youth Leadership Council to conduct the project.

The collage features several key elements: the IAP logo (Industrial Automation & Pre-Engineering) in purple and blue; a purple robotic arm; a black SawStop table saw; the NIDA Corporation logo (a stylized 'N' in a circle); and a black NIDA Model 130E Trainer control panel with various buttons and a digital display.

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## Marketing Students Recognized for "Top 10" Honors in International Competitions

Nearly 40 Missouri high school and college students were recognized May 25 for their recent achievements in marketing education at the 11th annual "Excellence in Marketing Education" reception at the Governor's Mansion in Jefferson City. The Missouri students recently competed in international DECA and Delta Epsilon Chi career development conferences in Orlando, Fla.

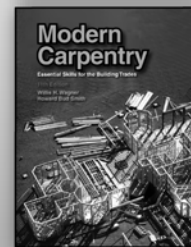
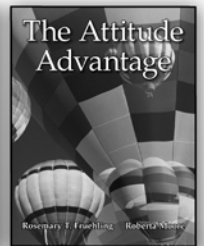
The following 29 Missouri DECA members earned Top 10 honors:

- **Katherine Gilligan, Blue Springs High School**, Accounting Applications, 3rd Place
- **Kyle Myers, Warrensburg High School**, Accounting Applications, Top 10
- **John Bowen and Mitchell Lutterman, Four Rivers Career Center**, Washington, Advertising Campaign, Top 10
- **Ashley Jones, Francis Howell North High School**, Automotive Services Marketing, 1st Place
- **Lindsey Hyder, Lafayette High School, St. Joseph**, Creative Marketing Project, Top 10
- **Tim Brooks and Haasan Rao, Parkview High School, Springfield**, E-Commerce Team Decision Making, Top 10
- **Alissa Wattenbarger and Megan Fallein, Cameron High School**, Entrepreneurship Promotion Project, Top 10
- **Eric Beck, Katie Korneman and Layna Fairman, Cameron High School**, General Marketing Research, Top 10
- **Timothy Collins, Jesse McCall and Joe Ridings, Blue Springs High School**, Learn and Earn Project, Top 10
- **Justin Culbertson, Sydney Friar and Kayla Hedrick, El Dorado Springs High School**, Public Relations Project, Top 10
- **Heather Ash, Chris Clark and Megan Van Strohe, Parkview High School, Springfield**, Public Relations Project, Top 10
- **Chris Webb and Tyler Kuehn, Pattonville High School**, Travel and Tourism Management Team Decision Making, 3rd Place

"International Winners" >p14

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## International Winners *(from page 13)*

- **Jordan Cera and Greg Dunmore Jr., Waynesville High School**, MDA Fundraising, 2nd Place
- **Nicole Blythe and Michael Wilbanks, Rolla Technical Institute**, MDA Fundraising, 3rd Place
- **Jake Johnson, Oak Park High School, North Kansas City School District**, Sunkist Challenge, Grand Prize Winner

The following 10 Missouri Delta Epsilon Chi members received honors:

- **Jill Dudley, Columbia College**, Apparel and Accessories Marketing, 1st Place
- **Travis Owens, Lincoln University**, Financial Services Marketing, Top 10
- **Deborah Hendrix, Missouri Southern State University**, Marketing Management, 2nd Place
- **Lauren Benney, Southeast Missouri State University**, Marketing Management, Top 10
- **Lauren Akins, Southeast Missouri State University**, Restaurant and Food Service, 2nd Place
- **Lindsey Lawrence, Lincoln University**, Retail Management, Top 10
- **Trisha Brown, Lincoln University**, Travel and Tourism Marketing, Top 10
- **Angela Hof, Southeast Missouri State University**, Travel and Tourism Marketing, Top 10

- **David Jolly and Tyler Schnaidt, University of Missouri-Columbia**, Web Site Development, Top 10

The honorees will be presented a courtesy resolution from the Missouri Senate or Missouri House of Representatives. Gov. Matt Blunt sent congratulatory letters to each of the winners.

"The accomplishments of these students exemplify their high-caliber marketing skills and their drive for excellence," said Christopher Young, state advisor of Missouri DECA and Delta Epsilon Chi.

"Our Missouri marketing students acquire the skills necessary to succeed in today's global industry through our unique co-curricular philosophy that closely integrates classroom instruction, DECA and work-based experiences," said Young.

DECA and Delta Epsilon Chi's internationally recognized program of competitive events uses interviews, tests, role-playing and written project reports to evaluate marketing, management and entrepreneurship skills identified by the nation's marketing, management and entrepreneurship industry as essential for success in the global industry of today.

DECA is an international association of high school students studying marketing, management and entrepreneurship in business, finance, hospitality and marketing sales and service. Missouri DECA serves more than 9,000 students throughout the state.

## Industry and Education Partnership Strengthen Columbia



The Heart of America Chapter of Associated Builders and Contractors in conjunction with the Columbia Area Career Center announce a new training partnership. Beginning October 1, 2007, this partnership will begin offering federally approved construction apprenticeship training.

"Due to a historic nationwide shortage of skilled labor that will only become even more critical in the future, forward thinking contractors know that skilled tradespersons are one of an

employer's most valuable and marketable assets" stated ABC President and CEO Jim Kistler.

In response to the needs of construction employers in central Missouri, this training partnership establishes the educational foundation required to meet future educational needs in a cost effective manner.

ABC is already working with local contractors on an individual basis to meet training needs in the plumbing and pipefitting trades. This new partnership is the first step in expanding training options for contractors, construction employees and people looking to be

involved in construction trade training that combines classroom training with on the job, hands on training. The partnership represents a cost effective training option by consolidating the training needs of multiple employers in one location.

In addition, the partnership will employ the latest technological advances in teaching the construction trades. Students will have the ability to utilize internet based instructional materials for a portion of the training which has been shown to increase retention and help students and contractors better serve their scheduling needs while maintaining the educational integrity of the program.

"We are excited about the possibilities this partnership offers" stated Karl Christopher, Trade and Industry Coordinator, Professional and Community Education for the Columbia Area Career Center. "The combination of internet based instruction in a certified apprenticeship program means we will have the ability to reach out to students who otherwise might not have the opportunity to improve their skills and education. We can use this partnership to reach non-traditional students both within the industry and those just entering the workforce out of high school."



Associated Builders  
and Contractors



Japan Fulbright Memorial Fund Teacher Program  
Institute of International Education  
1400 K St., NW  
Washington, DC 20005  
Tel: 1-888-527-2636  
Fax: 202-326-7672  
[www.iie.org/jfmf](http://www.iie.org/jfmf)

Dear Ms. Vossen:

Thank you so much for your help last year in getting the word out about the Japan Fulbright Memorial Fund Teacher Program (JFMF). We had an extremely successful application year, and we are hoping to duplicate that success this year. With your continued outreach support, we can better achieve our mission to expand the breadth of cultural understanding between the U.S. and Japan in more and more American classrooms.

Now in its 12th year, JFMF will send up to 400 educators to Japan in 2008 to take part in this educationally and culturally enriching program. Organizations such as yours play an integral part in getting the word out to local educators about this opportunity. We very much hope that your region can have a strong representation in next year's program and bring back the knowledge gained to the students and community. By including the attached information in your listserv, newsletters, and website, we can look forward to an increased response from eligible educators in your region.

The deadline for the 2008 JFMF competition is December 10, 2007. Those interested may apply via the online application at [www.iie.org/jfmf](http://www.iie.org/jfmf). To request more information, additional materials, or if you have any questions, please contact 1-888-527-2636 or [jfmf@iie.org](mailto:jfmf@iie.org). Last year, your support helped us bring another culture into many classrooms. This year, with your assistance, we can continue to develop a positive cultural link between these two diverse countries. Thank you for all of your efforts in alerting your colleagues to the opportunities the JFMF Teacher Program provides.

Sincerely,

*Robin Cloninger*

Senior Program Associate  
Japan Fulbright Memorial Fund Teacher Program

# A "Hire" Level of Education

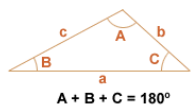
by Mark Murphy; Mexico, MO



As the bell rings to start the school day, students get busy on their assignments. In one class, students use Pythagorean's Theorem to solve a right triangle and trigonometry to determine angles.

In another class, students develop flow charts to solve a problem. Next door, students study atomic theory and the periodic table of elements. Downstairs students learn human anatomy. Another class studies solids, liquids and gasses.

While a scenario like this can be observed in any high school in the country, the classroom scenario shifts as technology changes the face of America's workplace. In order to keep pace with current trends in technology, math and science are now emphasized more than ever in career and technical education (formerly vocational education). In addition, critical thinking and problem solving skills are enhanced through practical "hands on" training. If a visitor were to tour a career and technical center, formerly referred to as vocational school, this kind of learning would be quite evident.



$$A + B + C = 180^\circ$$

Sine Rule:

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

Cosine Rule:

$$a^2 = b^2 + c^2 - 2bc \cos A$$

$$\cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

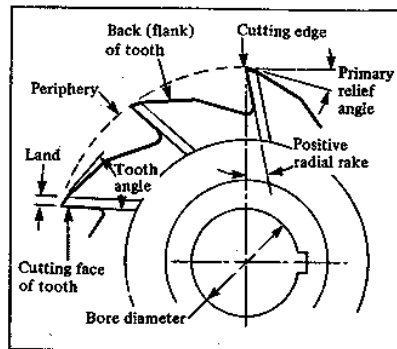
$$\text{Area} = \frac{1}{2} bc \sin A = \sqrt{s(s-a)(s-b)(s-c)}$$

$$\text{where } s = \frac{a+b+c}{2}$$

In room 21, electronics students use the Pythagorean Theorem and basic trig functions to analyze and design filter networks. Using vector analysis, students will plot circuit values, solve phase angles and develop response curves. After all the calculations are made, students will construct and test the filter using time domain and frequency domain analysis. Throughout the year, electronics students will use and convert metric prefixes, apply algebra and trigonometry, develop and solve Boolean equations and use numerous electronics equations to solve and engineer electronic circuits. Critical thinking skills are developed by practical experience in troubleshooting. Programming skills are developed as students learn how to program micro-controllers as programmable logic controllers. Binary math, numeric base conversion and logical thinking skills are developed and enhanced through embedded software development and applications.

Students in the Computer Technology class study the periodic table of elements and atomic structure in order to understand electronics as they study the digital circuits within a computer system. During the course of their school year, Computer Technology students will study PC architecture, data communications and protocols, central processing units, memory, mass storage devices, network topologies as well as network administration. They will utilize Boolean logic to help develop Internet Protocol masking, filters and

addresses. Math skills will be used to calculate network bandwidth, network throughput data transfer rates and even calculate data validation protocols such as even/odd parity or CRC blocks. Both the logic and math skills will be required to help determine and setup RAID arrays and hot swappable server drives used in real industry.



Precision Machining students apply geometry and trigonometry to determine lengths of sides and angles for a part they are manufacturing. Machinists will use these essential math skills in nearly every project they make. In addition, machining requires

precision measurements in some cases down to the ten thousandth of an inch. Throughout the course of their year students will make metric and standard conversions, determine thread pitch and bolt hole patterns, basic metallurgy, blue print reading as well as how to write programs for computer numeric control (CNC) machines.

Downstairs, in the Health Occupations classroom, students use graphs and charts, standard/metric conversions, formulas to determine medication dosage as well as human anatomy by studying structure, function and pathology of the human body. Students will learn medical terminology so that they can begin a career in one of the many health occupations careers.

These four classes are just a sampling of the math and science skills employed by industry and taught at technical schools across the country. By touring other career and technical education programs, the visitor would see Construction Trades students making measurements, calculations involving fractions and decimals and solving geometry problems.



The ability to perform mental math quickly is essential in this field. The Automotive Technology and Automotive Collision students apply fractions, perform conversions and use graphs as part of their daily assignments. Automotive technicians must understand the concept of combustion, torque and tension. Many of the careers associated with technology require knowledge of physics and therefore present an opportunity to teach applied physics. Technology, in association with math and science, has created a need for a more highly trained worker. Students in all programs learn to use the latest computer controlled diagnostic and manufacturing equipment in order to obtain entry-level employment. Technology is nothing without math and science; in fact math and science are the fuels that drive technology.

"A Hire Level" >p17

## A “Hire” Level *(from page 16)*

Career and Technical education students learn math and science skills in real world environments solving real world problems. Although these students probably have studied most of these concepts in their academic high school classes, full understanding is difficult to achieve until students gain practical experience to reinforce these concepts. Most high school students can achieve knowledge and comprehension in their academic high school courses, but technical classes are better equipped to teach higher level of learning including: comprehension, application, analysis, synthesis and evaluation. Theory can be taught and memorized in the high school class environment, but until it is utilized in a real world setting it cannot be truly understood or applied. Career and Technical Education courses provide this application. Since most courses are three-hours in length, the scope and depth of instruction is more comprehensive.

In addition to developing good math and science skills, reading comprehension is extremely important. Students in all programs need to read technical manuals, data sheets and service literature in order to be successful in their fields. Students discover the importance of reading skills as they are required to perform individual research to troubleshoot, diagnose and develop solutions to problems encountered in the classroom. Today’s technical fields change rapidly and the technician must keep abreast of current trends in technology. Students learn that attention to detail is extremely important to be successful in these technical fields.

As the bell rings to end the school day, the visitor has witnessed first hand just a small portion of the intense study of math and science that students enrolled in career and technical education perform because these concepts are embedded into every career and therefore an integral part of every course. Students clearly demonstrate math and science proficiency through application as they develop highly technical skills in their chosen career.

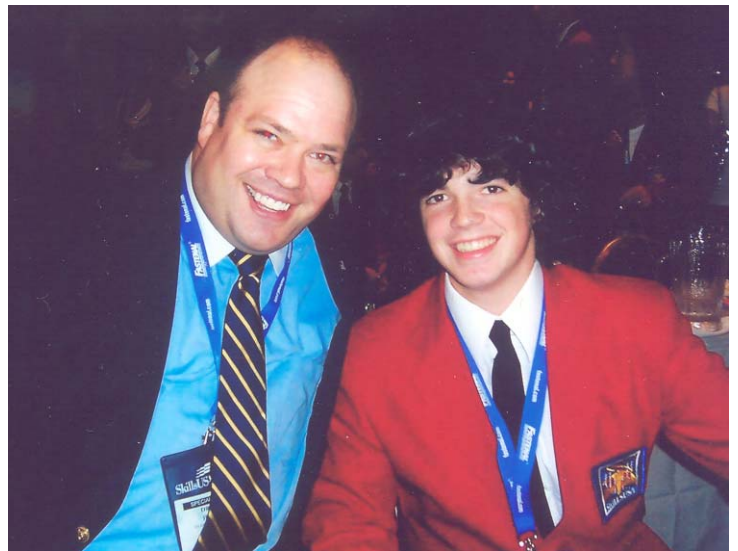
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## SkillsUSA National Contest



*Pictured above: (l to r) Sherry Struckhoff, Jan Bray, Bryan Albrecht and Barbara Mountjoy smile for the camera at the SkillsUSA National Contest.*

*Pictured below: (l to r) Troy Justesen, Assistant Secretary for Vocational and Adult Education poses with Curtis Westbay, Missouri SkillsUSA President from Carthage.*



## A Few More Memories from the Conference

