



February 11

Missouri ACTE
Legislative Day

*State Capitol Building
Third Floor Rotunda
Jefferson City, Missouri*



March 2-4

National Policy Seminar

Skills for the Hill

Arlington, Virginia



July 20-23

Missouri ACTE Joint Summer
Conference & Trade Show
and Career and Technical
Education Workshops

Springfield, MO



President's Message

*by Gina McLachlan
Missouri ACTE President*

One semester is behind us and another is about to begin and then another school year will be gone. It seems we just go in a vicious cycle, but it's a good cycle because it gives us a chance to reflect and make changes in our curriculum, teaching methodology, and attitudes! We all need that.

In November, I was proud to represent you at the ACTE conference in Nashville, Tennessee. While there, your executive board and executive director heard some awesome speakers at different sessions. One keynote speaker, Diane Ravitch was very dry in her delivery but she had some powerful words. The first thing she said that I took notes to remember was: Teachers are the cure ... not the disease! What a refreshing statement to hear after the election and all the bad press we get. If you are like me, you spend many hours a day trying to figure out how to get that student to work, turn in an assignment or project, come to school, or just function in a classroom. We do try to "cure" them;

no matter what disease they are inflicted with at the time.

Another statement Ms. Ravitch made that I made note of: The test score of 15-year olds predicts....nothing! Another powerful statement in this world of TSA's, IRC's, EOC's, and other standardized testing. We need to teach our students to think and apply the principles they learn to real life applications, not just take tests! I really came away from the conference ready to do more project-based learning and less tests! Ms. Ravitch has a book called Reign of Error: The Hoax of the Privatization Movement and the Danger to America's Public Schools. I plan to purchase it to absorb more of her wisdom.

As I apply some of these principles to our organization, I have come to realize we need a bit of change. We plan to start with the 2015 summer conference. On Tuesday, we will have a keynote speaker but will also focus on some best practices and strategies on Tuesday afternoon. You may

Region III Report

by *Sherry A. Struckhoff RN, BSN*
Region III Representative



Happy New Year! I am so excited because I am RETIRING in May! It has been an awesome 31 years in CTE, but it is time to acquiesce to new professionals.

In November, we had a wonderful National VISION conference in Nashville. The sessions were wonderful and the networking with other CTE instructors was invaluable. I highly recommend this convention. 2015's National Conference will be in New Orleans on November 19-22. Make plans to attend.

February 11th, Wednesday, will be our CTE Legislative Day at the Missouri Capital. We are encouraged to bring student leaders and our CTSO officers to meet with our legislators. Instructors are also encouraged to bring visual aids to the Atrium to show off our best practices. Don't forget to make appointments with your legislator before attending this important event.

March 2nd-4th will be the National Policy Seminar in Washington DC. This is our opportunity as CTE Instructors to educate Legislators on the importance of CTE, our programs and our students. It is my favorite conference and one where I feel that we - collectively - make a huge impression on the legislators and the process.

This year, the office of Missouri Region III Representative will be available beginning the middle of the Summer Conference. Candidates for the position of Missouri Representative to ACTE Region III Policy Committee shall be screened, based upon application materials submitted to the Professional Development Committee at a date set by the Professional Development Committee, but preceding the spring Board of Directors meeting. The top two candidates shall be interviewed by the Professional Development Committee and presented at the spring Board of Directors meeting. The Missouri ACTE Board of Directors shall select the Missouri Representative to the ACTE Region III Policy Committee and notify the person selected at or

immediately following the spring Board of Directors' meeting. The Region III Representative may serve an additional term with the Board of Directors approval at the fall meeting. I will be attending the Region III conference in June and will be handing over my duties as the Region III Representative at the Assembly of Delegates meeting during our Missouri ACTE Summer Conference.

This year's Region III Conference will be in Cedar Rapids, Iowa, June 24-26, 2015. The theme will be "Leading the Way with CTE." The conference has a focus on leadership and training leaders in our divisional affiliates and teams. This is always a wonderful conference and a time to build leadership in our state and regional associations. It will be my last event as your Region III representative, aside from Summer Conference, and it has been a pleasure serving you.

Respectfully submitted,

Sherry A. Struckhoff RN, BSN
Region 3 Representative
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E-mail: sstruckhoff@waynesville.k12.mo.us

President's Message *(from page 1)*

attend division meetings, but there will also be some offerings in the exhibit hall and workshops. Please watch for the program to see these changes. I think we can all benefit from several of these changes without having to ask the presenter to attend multiple division workshops.

I hope your school year continues to be an enjoyable one! Please let me know if there's anything I can help with or if you have any concerns.



Legislative Committee Report

by Jon Wilson, Chair

Missouri ACTE Legislative Committee

January marked the beginning of the 2015 legislative session. Many bills have already been filed and the Capitol Building is once again alive with the hustle and bustle of the lawmakers and staffers as they ramp up for the new session. Committees have been assigned and once again, the House and Senate are ready to operate like a well oiled machine.

Although this machine can function quite well on its own, sometimes it requires assistance from others to help direct its path. Lawmakers often look to experts to help with questions or gain understanding about how a bill will affect a group of people. When it comes to Career and Technical Education, our lawmakers want to hear from you! They want know how their decisions are going to affect CTE programs and their students. In order for this to happen, you have to make yourself available to your lawmakers.

You might be asking "How can I do this?" The answer is simple, by building a relationship. Get to know your legislators. Visit them, call them on the phone, or stop in at one of their community functions. All of these things will help you build a better relationship with your Senator or Representative. By developing a quality relationship, you will have a communication line that is comfortable in both directions. You will feel at ease when discussing issues with your legislator because you talk with them frequently and they will feel at ease calling you, as well.

Your chance to begin this relationship-building process is coming in February. The annual Missouri ACTE Legislative Day will be held on February 11. Again this year, students and teachers will have the opportunity to showcase their programs through displays in the Capitol Rotunda on the third floor. This is a great opportunity to show our legislators what opportunities are available to students in our Career and Technical Education programs. Along with the displays, attendees will be able to visit with legislators throughout the day. Before visits begin, students and teachers will be briefed on legislative visits and any crucial bills needing to be brought up to our legislators. This is a great opportunity for you and your students to become active in the legislative process.

I hope to see you at the Capitol in February and I look forward to working with you this year on legislation.

Missouri ACTE Legislative Day

February 11, 2015

*State Capitol Building
Third Floor Rotunda
Jefferson City, Missouri*

8:00 a.m.

Meet at the Missouri ACTE
Registration Table and Pick Up
Packets for Legislators
3rd Floor Rotunda

8:30 a.m.

Briefing by
Gamble & Schlemeier
House Chamber

9:00 a.m.

Networking with Legislators
& Visits to Legislators' Offices
3rd floor Capitol Rotunda

10:30 a.m.

Proclamation Presentation
for CTE Month
House Lounge



National Policy Seminar

Skills for the Hill

**March 2-4, 2015
Arlington, Virginia**

For more info:

<http://www.acteonline.org/nps/>



NATIONAL POLICY SEMINAR REGISTRATION FORM

MARCH 2–4, 2015

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★ ★ Skills for the Hill ★ ★

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- Influence CTE-related policy initiatives, legislation and funding
- Educate your congressional leaders about your local CTE programming needs



STEP 1: PERSONAL INFORMATION

☐ ACTE Member¹ Member ID # _____

(Membership must be active with National ACTE at time of registration)

☐ Non-Member

I am a first-time NPS attendee ☐ Yes

☐ Dr. ☐ Mr. ☐ Mrs. ☐ Ms. ☐ Miss (Please print clearly. One form per registrant)

Full Name _____

Preferred Name for Badge _____

Name of Business/School _____

Address ☐ Business/School ☐ Home

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City _____ State _____ ZIP _____

Phone _____ Fax _____

E-mail² (required) _____

STEP 2: REGISTRATION RATES

☐ ACTE Member \$375 ☐ Student \$120

☐ Non-member \$465 (In order to secure the student rate, please contact ACTE at 800-826-9972)

10% Group Discount: When you register five or more individuals from the same institution and pay with one check or purchase order, you can receive a 10 percent group discount. Registration forms must be received with the payment. Each attendee must fill out a registration form.

Substitutions: Registrants unable to attend may send a substitute. A letter from the original registrant authorizing the

substitution must be e-mailed to registration@acteonline.org or faxed to 703-683-9367 along with the substitute's completed registration form by 2/13/2015. Substitute's registration fee will be subject to pricing based on her/his ACTE membership status.

Cancellations: ACTE will grant refunds, minus a \$100 fee, for all cancellations received prior to 2/6/2015. Request for refunds must be submitted in writing to registration@acteonline.org or

STEP 3: PAYMENT OPTIONS

Please include payment with your registration(s). After 2/13/2015, ACTE will accept check and P.O. payments only on-site. ACTE will, however, accept credit card payments online through 2/25/2015.

☐ **CREDIT CARD** (Preferred method) Online only at www.acteonline.org
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Remit to: P.O. BOX 758621, Baltimore, MD 21275-8621 (Allow 2–3 weeks to process)

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(Copy of the P.O. must accompany the completed registration form)

1. Your P.O. must have your organization's contact information and may include the company logo. Include complete bill-to and ship-to addresses, phone numbers and e-mails.
2. Include the P.O. number and the P.O. date.
3. Include a complete product description with correct price.

Questions? Call 800-826-9972

HOTEL INFORMATION

Crystal Gateway Marriott, 1700 Jefferson Davis Highway, Arlington, VA 22202

You may reserve a room at the Marriott by visiting the ACTE website, www.acteonline.org/nps. The rate is \$254.00 single/double. All rates are subject to Virginia tax of 10 percent per room, per night.



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NOTES:

faxed to 703-683-9367. No refunds will be issued after this date.

1. Membership must be active with ACTE at the time of registration. Registration categories will be confirmed before registration is processed. P.O.s will not be accepted for membership.
2. E-mail Address: Confirmations may be sent by e-mail. Please provide a valid e-mail address.

By registering, you grant permission for the use of your name, words, voice and/or likeness related to your participation in any event affiliated with the 2015 National Policy Seminar. You waive all rights to any compensation and to approve the images, video, audio and/or printed and electronic material in which they are used, and you release ACTE and its employees and agents from any claims, damages or liability.

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 The Reporter is a quarterly publication of the Missouri Association for Career and Technical Education (Missouri ACTE). We welcome your comments.

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Boy Gets Fitted for Plastic 3-D Printed Hands



A 9-year-old boy who lost his fingers in a fire is getting help from advanced technology at Hillyard Technical Center.

One class is using a 3-D printer to make plastic fingers that will help Jackson Weston with his grip. The young boy was adopted by Douglas and Donna Weston about four years ago after he suffered major burns in a house fire.

More than 65 percent of his body was burned. He lost his fingers on both hands - and almost his life - in the fire. "At Shriners (Hospitals for Children), he was critical," Mr. Weston said. "We could have lost him any time in those four weeks."

But Jackson survived and has flourished. He is now 9 years old and determined to do anything he sets his mind to, despite what doctors initially believed.

"(The doctors) determined what his life was going to be and I accepted it, until he gave me reason not to," his father said. "And he gives me reasons every day." Added his mother, "We never thought Jackson would be able to ride a bike because of his grip. Yeah right," she said, laughing. "He makes things work. He is determined."

Mr. Weston was determined as well, which is why he contacted Roger Mapel, teacher of Computer-aided Design at Hillyard Technical Center, after seeing a video of a 3-D printed hand.

"He was, in my understanding, getting ready to go out of town to purchase a 3-D printer, which could be quite expensive, and right before he left he called us to see if we had one or if we would be interested," Mr. Mapel said. "And the rest is history."

Jackson's hand has had several fittings and Wednesday's should be one of the last. So far, the 3-D printer has been working more than 17 hours and their goal is to have them complete by Christmas.

The material is made out of ABS plastic, which is similar to plumbing pipe and is what LEGOs are made out of. The hands will be in blue and orange, his favorite colors, and will include his favorite superheroes on the palm support.

While hands made out of plastic are cool, Jackson said he just wants to be like his dad.

"Now we got fingers just like dad," he said, with a smile.

Source: News-Press; December 17, 2014; 5:00 p.m.



↑ *Missouri ACTE delegates attend the ACTE Vision 2014 held in Nashville last November.*

Safety Smart: Healthy and Fit!



[Pictured above and below] Business classes with FBLA members at Grand River Technical School working one-on one with kindergarteners as part of the SAFETY SMART® program.



At Grand River Technical School in Chillicothe, the business classes with FBLA members have partnered with a kindergarten class in a service learning opportunity. Business instructor and FBLA adviser Jenny Hughes learned of this opportunity at the Missouri ACTE/Missouri Business Education Association conference in Springfield last summer.

The program is called SAFETY SMART® and is sponsored in cooperation with Underwriters Laboratories (UL). The focus is Safety Smart: Healthy & Fit! The high school class (aka Safety Smart Ambassadors) lead a lesson each month with a short video from Pumbaa and Timon (characters from *The Lion King*), followed by an activity for each lesson.

The original activity included high school students interviewing kindergarteners about their favorites. This helped build trust and encouraged all students to be interactive. The second meeting included a lesson about germs. After watching the video, the students did a “germy experiment.” Students rubbed their hands on surfaces, such as the floor, play equipment, and door handles, then placed their hands on both sides of a slice of wheat bread, spritzed it with water and placed in a sandwich bag labeled “dirty hands.” Students then washed their hands with soap and water (for 20 seconds), pressed their hands on another slice of wheat bread, spritzed it with water and placed it in the “clean hands” bag. After one week, the “dirty hands” bread grew more mold than the “clean hands” bag. Each kindergartener was given a bar of soap to take home as a reminder to wash their hands.

The third activity was about healthy habits. After watching a short video clip, high school students led a discussion about good food choices. The kindergarten students were given a list of the food items (with pictures), and they placed a happy or sad face by the picture of that fruit or vegetable before they tasted it. Students did a taste test with fresh fruits and vegetables. This was designed to help them experiment with a variety of healthy foods and encourage them to try better food options. The students voted to keep the extra grapes for their afternoon snack, but did not vote to keep the broccoli!

CTE MONTH
RECOGNIZING CLASSROOM
INNOVATORS

Over the Rainbow



Grand River Technical School FBLA hosted a 5K Color Walk/Run with 65 participants. Children and adults "collected" colors along the course, celebrating the completion of the 5K by receiving the final color at the old football stadium. Participants enjoyed this fun and healthy family experience. Proceeds from the event helped chapter members attend the National Fall Leadership Conference. The chapter plans to make the Color Walk/Run an annual event.



This article and photos were featured in *Tomorrow's Business Leader* Fall 2014 edition (national FBLA-PBL publication). Grand River Tech FBLA chapter also received state recognition for picture of the month in September (group selfie) and December (ugly sweater contest).



Central High School Students Shine at the Sprint Accelerator Experience!



Mrs. Shirl Nichols, a first-year business teacher at Center High School says, "I am VERY proud of one of my classes and wanted to share." The Intro to Business class was selected to attend the first-ever Sprint Accelerator Experience in Kansas City due to their classroom excellence in developing and implementing a student-based entertainment business (Center Cinema). The students did a team building activity with executives of Sprint and worked in teams to develop new cell phone features and apps! It was an incredible experience for all, all semester!

You're Invited ...

Missouri ACTE Legislative Day

The Missouri ACTE Legislative Day will be held on Feb. 11, 2015, beginning with a meeting/briefing at the State Capitol (Third Floor, House Chamber, Side Gallery) at 8:00 a.m. sharp. After the briefing, there will be refreshments available in the 3rd floor rotunda where you will have the opportunity to visit with the legislators as they go into session or in their offices.

We will have a proclamation presentation, recognizing "Career & Technical Education Month" at 10:30 a.m. in the House Lounge. Be sure to RSVP early!

All members should make appointments to visit their legislators and also visit with legislators on key committees such as: **House** – Budget, Appropriations – Education, and Elementary & Secondary Education committees; **Senate** – Appropriations, & Education committees. Committee member information is available on the House (www.house.mo.gov) and Senate (www.senate.mo.gov) websites.

We are asking the Career & Technical Student Organizations to have displays in the 3rd floor rotunda so the legislators can better understand the importance of CTE and CTSO's.

Please RSVP to Donna@MO-ACTE.org by February 6.

Missouri Association for Career & Technical Education 100% Membership

Missouri ACTE will recognize schools in which 100% of the vocationally funded teachers are members of Missouri ACTE at the 2015 Summer Conference. To determine if your school qualifies for recognition, please list below the names and social security numbers of all vocationally funded teachers in your school.

School Name: _____

Street Address: _____

City: _____ State _____ Zip _____

Director/Principal: _____ Phone: _____

Name:

Social Security Number (*Last 4 digits only*):

Please return to: Missouri ACTE ~ PO Box 1955 ~ Jefferson City, MO 65102 by July 3, 2015
or fax to 573-635-6258 or email Margie@molobby.com.