

CBI Chronicle

FEB 2017

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President Letter - Cy Kincaid

Greetings to all of my fellow CBI instructors. I hope the first half of your year has proven to be rewarding and successful. We are halfway there! I know one of my favorite aspects of CBI is that each class I teach is so diverse and different. Each year poses new challenges and expectations. Now is the time of year that senioritis creeps in for my students so hopefully your enthusiasm and devotion will carry your students through to the end of the school year. The countdown is on.

Exciting things are happening for CBI. We have joined forces with SkillsUSA yet again for our Knowledge Bowl program. The Knowledge Bowl State Competition will be held at the Columbus Convention Center on Tuesday April 11th. I highly suggest you get involved in Knowledge Bowl not only because of the content but because it is a highlight of our CBI program. Our kids do not have a lot of opportunities to compete in these types of events so Knowledge Bowl is a fantastic way to supplement your program. It's also a great way for our students to interact positively with other CBI students in the state. Join SkillsUSA and find a Knowledge Bowl regional contest today!

OACTE membership is only \$75 plus \$10 for CBI division dues. That is a small price to pay to be involved and to have a voice at the state level. Be active and know that stronger our programs are the better chance that CBI has to continue serving students for a long time. We have a unique opportunity for CBI to be the face

of dropout prevention and to be a voice of career readiness in Ohio. It's time for CBI to become aligned with dropout prevention from middle school to high school. We should be the first line of defense against failing grades and the risk of non-graduation.

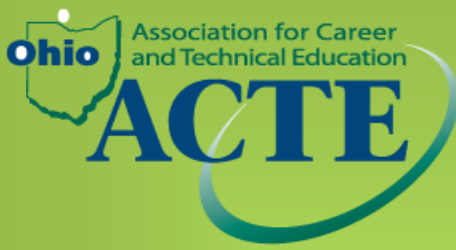
Now more than ever we need to stick together as a program and consistently prove that CBI is the best path for our students. One of the best ways to do this is to collaborate and network with other CBI teachers. Some of the most valuable resources are our fellow CBI teachers. The best way to congregate will be at our CBI State Conference April 30th-May 1st. We will cover a variety of topics, have amazing speakers, have state of CBI discussions, and this year we will have live entertainment. It is an invaluable source of lesson plans, information, and networking.

Please feel free to e-mail me or your regional representatives with any questions you may have. We have many resources available at www.cbiohio.com, follow us on Twitter @CBIOhio, and like us on Facebook @CBIOhio. Have a great second semester and I look forward to seeing you April 30 and May 1st in Dublin, Ohio for the state conference.

Your President,

Cy Kincaid
North Union High School
ckincaid@nu-district.org
740-919-9267

Join/Renew Your Ohio ACTE/ACTE Membership- TODAY!



CTE professionals are encouraged to support Ohio ACTE by joining/renewing their membership at acteonline.org. Ohio ACTE will be collecting only state dues. This change will allow Ohio ACTE to focus resources on advocacy efforts and professional benefits rather than administrative processes.

Membership Benefits Include:

Interaction

- Annual All-Ohio Conference – Connections To Education - the only statewide meeting of career, technical and adult educators.
- Ohio ACTE partners with the Ohio Department of Education to ensure collaboration on issues impacting Ohio career-technical students.
- Develop leadership skills through service as a division president or committee member.
- Ohio ACTE recognizes outstanding career-technical educators through its Awards Program.

Information

- Innovative educators showcase and share promising practices at the annual conference, through forums and at events.
- Ohio ACTE provides vital news on issues and developments in CTE through its Web site and monthly email update.
- Ohio ACTE's newsletter, *Today's Education, Tomorrow's Career* provides valuable information and commentary affecting Ohio career-technical educators.

Influence

- Ohio ACTE Legislative Counsel constantly monitors legislation that impacts CTE, advises leadership and makes recommendations to be sure CTE continues to serve the best interest of students.
- Ohio ACTE leadership works with legislators and lobbyists to ensure the interest of career-technical education is represented in today's government.
- Ohio ACTE forms successful partnerships with government regulators, officials, administrators and others to help them understand the influence CTE has on students and Ohio's economy.

Your participation in Ohio ACTE strengthens the voice of CTE and helps influence positive changes in funding, legislation and attitudes.

FIRST YEAR TEACHERS ARE FREE!!!

The World Is Changing But What Does This Mean For The Future Of Work?



It feels as though the world has gone through some pretty significant changes in the past six months. We've seen the UK vote to leave the European Union and America welcome Donald Trump as its 45th president-elect. Much of the political rhetoric has centered around securing jobs for the everyday worker: in fact, one of President-elect Trump's vote-grabbing pledges was that he would bring manufacturing back to Pennsylvania, New England and Ohio.

Looking beyond the initial shockwaves that have been felt across the globe as a result of these political shakeups, it's important to understand the shifts that are affecting the way the manufacturing world is now operating. There has been a lot of fearmongering about the future of workers' jobs and the role technology plays in this; the fear of being replaced by a robot has existed for decades and is one that the media loves to play on.

The reality, however, is more subtle; jobs in manufacturing will continue to exist, but the nature of work in manufacturing is changing. To compete in this new world, companies need to know what new jobs are emerging and which skills will be required for the jobs of the future.

Technology Has Changed The Manufacturing Game

Automated factories that integrate all aspects of manufacturing operations are not new. However, with the digital economy revolutionizing every aspect of life and business, factories of the future will be digitally infused, providing tightly interconnected information and production flows.

What is new is the degree of intelligence brought in by brand new collaborative robotics and smart machines that collaborate with each other and make the material flow visible in real-time through intelligent big data analytics. The Internet of Things is also changing manufacturing, as it is free from boundaries and can extend the traditional automation model outside the four walls of a factory, integrating the entire supply chain, and enabling virtual tracking of capital assets, processes and resources.

This kind of transformation means that traditional approaches to manufacturing are no longer enough to drive the necessary productivity and grow profits. Therefore, the success of the industry no longer relies upon the jobs that people are used to – and that they will be looking for. It will take time for the labor market to adjust to these changes. When it comes to resourcing, our survey also identified that a large number of supply chain executives are concerned about the constraints of the manufacturing labor marketplace. This is not a matter of raw labor input, rather the lack of skilled problem solvers. The supply chain sector needs to start training people to meet this impending shortage.

New Technology Means New Skills

The US Department of Labor reported that 43,600 jobs were added to the warehouse and storage sector over the past 12 months, but these jobs may not be straightforward manual labor for the unskilled. More than three-quarters of respondents to SCM World's "Future of Manufacturing Survey 2014" believe that people will be at the center of the automated factory of the future. It is still only humans who can provide the degree of flexibility and decision-making capabilities required to deal with the ever-increasing demands from customers.



In the world of digital factories and sophisticated technology, employers require a brand new set of skills from its supply chain teams. There is a clear connection between the development of new automation technologies and the skills gap. According to our own research, 82 percent of practitioners that we surveyed believe that continued automation will require plant-floor workers to learn and adapt to new technologies must faster than they do so today.

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It's becoming increasingly important for employees to not only be familiar and keep up with rapidly developing digital technologies, but also show leadership and management skills and demonstrate they can work across different functions such as product engineering, supply chain and marketing.

A New Challenge

It will take time for the labor market to adjust to these changes. When it comes to resourcing, our survey also identified that a large number of supply chain executives are concerned about the constraints of the manufacturing labor marketplace. This is not a matter of raw labor input, rather the lack of skilled problem solvers. The supply chain sector needs to start training people to meet this impending shortage.

For example, the VP of supply chain at a large beverage company who participated in the survey explained: "As our business grows globally, we seem to be shrinking in our personnel. As such, labor is becoming both a scarcity (in terms of qualified and skilled people in the right places) and an abundance (lots of unskilled labor without the necessary training or out of position for where the work is). This creates a dilemma for supply chain managers. We can do more with less, but as supply of the qualified people shrinks it leads to a diminishing of the productivity as companies dip into the less skilled labor pool."

The new world of manufacturing is changing, and it's true that automation is removing the need for many unskilled, manual jobs. But companies need to focus on the new employment opportunities that are opening up and to start preparing their workforce to be ready for them.

It's not a question of bringing back old manufacturing jobs – let's leave robots doing the dull, risky and repetitive jobs; it's about taking advantage of this new wave of digitization to bringing a new, smarter manufacturing back home.



CBI Knowledge Bowl



“Knowledge Bowl”

Copyright 2005, CBI-CC Board

The CBI State Board of Directors is pleased to offer the “Knowledge Bowl” program (for use on Windows 2000 or higher) entirely as a download from the CBI website at www.cbiohio.com.

CBI Knowledge Bowl is affiliated with Ohio SkillsUSA.

A **TWO-STEP** process must be completed to be eligible to gain access to the Knowledge Bowl program and compete at both Regional and State Competitions:

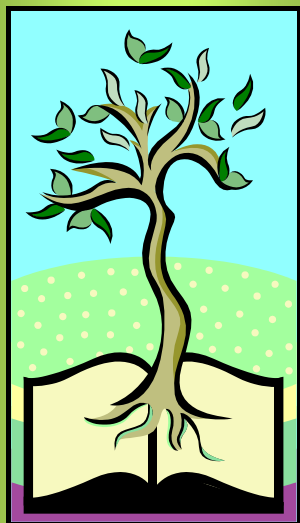
1. Become a Traditional *or* Affiliate SkillsUSA member

- The SkillsUSA membership packet, including the enrollment form, can be found at www.cbiohio.com
- For more information, refer to the enclosed SkillsUSA Registration packet or visit www.SkillsUSA-register.org
- Questions regarding SkillsUSA membership may be directed to Dr. David Bruce at david.bruce@education.ohio.gov or (614) 995-5108.

2. Complete and Submit the Knowledge Bowl Order Form

- To order your Knowledge Bowl program(s), please complete the Knowledge Bowl order form and **email** the completed form to Todd Engel at tengel@mvctc.com

Questions regarding Knowledge Bowl may be directed to Todd Engel at tengel@mvctc.com or (937) 226-1741 ext. 105.





Region 3

Graham Ohio Hi-Point Career Connections

The Graham Ohio Hi-Point Career Connections students have been busy maintaining the front flower bed at the high school.



Freshmen and sophomore students have

again this year been working on keeping up and adding to the landscape in the front of the high school. Students maintained the beds this fall by pulling weeds and also planting mums. They also added another layer of mulch prior to homecoming. Students have continued to use this as a way to apply what is learned in the classroom related to work ethic and various employability skills.

Sophomore students in the program attended National Manufacturing Day on October 7th coordinated by the Champaign County Economic Partnership and Champaign County Manufacturers. Graham students were taken on a tour of the Honeywell (Route 55 facility) and Rittal manufacturing facilities. Students were taken through each manufacturing facility and were able to see several different options for careers in manufacturing at these local facilities. The Hall Company provided Graham students with an opportunity to learn about their manufacturing facility through a presentation during their lunch. This was an excellent study trip that helped students gain a better understanding of careers in manufacturing and what is available for them locally.

Students in the program also just completed a Halloween sale held during lunch periods to help raise money for a less fortunate family at Christmas time. Students want to be able to provide a local family with a wonderful Christmas! Career Connections will also be hosting a candy cane sale in December to help raise additional funds for this year's Christmas family.

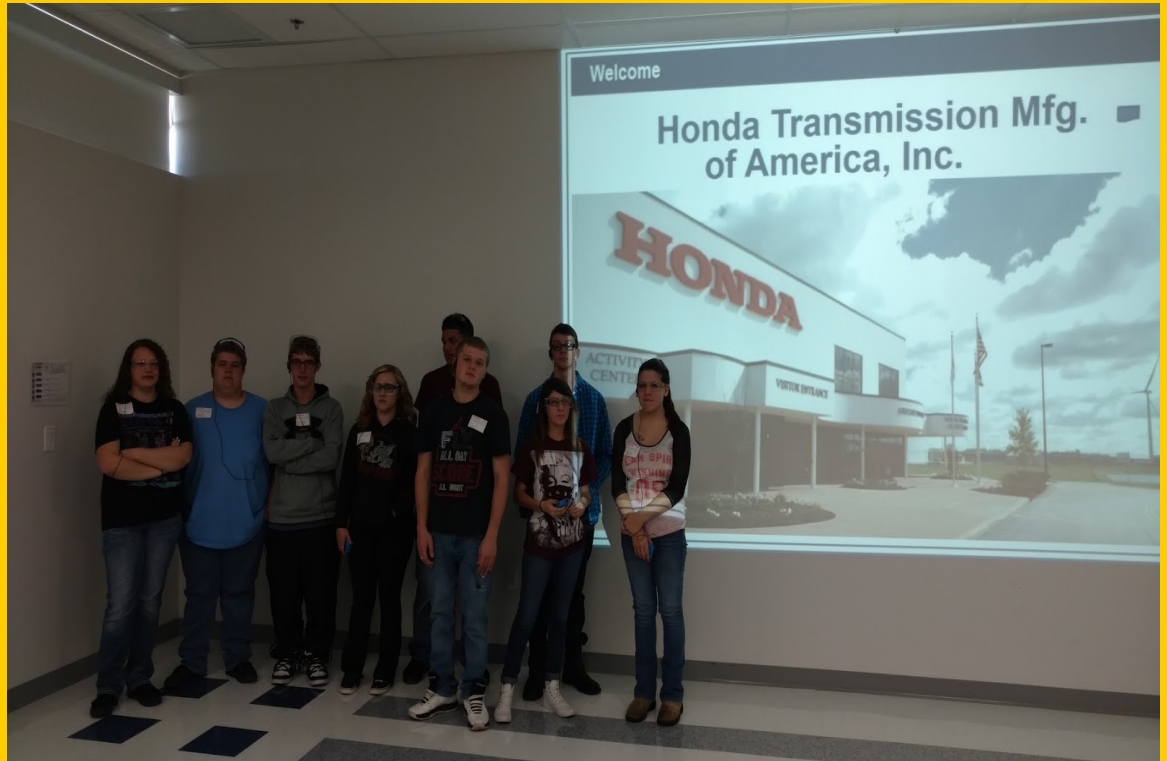


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Region 4

PHS Students Participate in Manufacturing Day

Students from the CBI program at Piqua High School participated in National Manufacturing Day by touring the Honda Transmission Manufacturing of America, Inc. located in Russells Point. Students were able to participate in hands on activities and learn about all of the technology and robot use that takes place within the facility. Program coordinator is Mary Jo Hines




Manufacturing Day/Week
OCTOBER 3 - 7, 2016

Educate, encourage & inspire
 the next generation of manufacturers

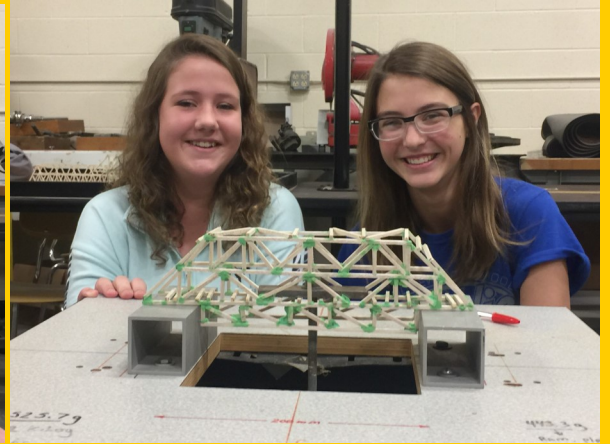
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Region 8

Midview High School Sweeps Bridge Building Competition

Students in Mr. Hauck's Career Connections program took 1st, 2nd, and 3rd place in this year's Lorain County Bridge Building Competition. The event was held at the Lorain County JVS with over 100 bridges entering the competition. While the competition was based on overall bridge efficiency, Midview also took home the prize for the bridge that held the most total weight! Congrats Middies!!



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Success Stories from Strongsville!

Strongsville High School's Connections Program Alumni Makes Debut on Broadway

Program alumni, Alex Boyd, now a successful college student, production company owner- and add Broadway to his resume! Alex served as a backup singer on the November 11th performance for Kristen Cheowith's new Broadway show "My Love Letter To Broadway".

Program Senior spends her days under the hoods of cars!

Program Senior, Alyson Schill, spends her days under the hoods of cars! She is a senior automotive student at Polaris Career Center. Her networking skills at a recent Business Advisory Meeting, led to a next day phone call, interview and full time job awaiting her after graduation. Ganley Motors also agreed to pay for her GM ASEP training and certification!

Region 8 cont.

CONNECTIONS PROGRAM TEAMS WITH COMMUNITY FOR ANNUAL EVENT

The 6th Annual Leadership Conference was held again this year at Bonnie Park in Strongsville. The Strongsville High School Connections Program (CBI) teams up each year with the local Rotary Club to train the students in leadership skills, and ceremonially



welcome the freshman into the program and its ways. The event has grown in support over the years. Members of the Rotary, Optimist Club, retired and current teachers, parents, police, fire, ROTC program, National Guard, and a host of local business partners all join for a day of enlightenment, energy and fun. The Rotary sponsors the event, providing a breakfast and lunch for the students, along with manning a station teaching the importance of “service” in your community. Other stations consist of team building challenges- both physical and mental, as well as introductions to changing their perspective on how they view and handle the challenges they are faced with. A “fire ceremony” starts and ends the event, signifying the support that the older students and the community provides for the children in the district. Guest speakers at the event this year include Mayor Persiak and School Board member Duke Evans. Senior Julian Stevovic shares, “over the past 4 years I’ve been able to see all sides of the event. As a freshman it was a great way to welcome me to the program and make me feel that there were actually students here to support me. This year, as a leader, I appreciate the time put into organizing the event and working to help the younger students feel welcome.” Tim Ruese, retired teacher and 3rd year participant, “This event has grown in support so much over the years. I always enjoy seeing the students having fun at a school sponsored event. Programs like this in other schools should consider this type of event to kick off their year!”

If you missed your Fall Regional Meeting, plan on joining us for our Annual Conference in May

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CBI IS ON SOCIAL MEDIA

Make sure you visit our website regularly!

www.cbiohio.com

You will find our updated calendar, regional information, Knowledge Bowl updates, archived Chronicles, helpful resources, scholarship forms, Award nominations, and CBI Board of Director's contact info.

AND



Like us on FB @cbiohio



Follow us on Twitter @cbiohio

Our upcoming conference in May will be focused on identifying what CBI can do in each school to become relevant and vital. Being part of OACTE will definitely be an advantage as we strive to be recognized as the face of Career and Technical Education Intervention.

****See the registration form on the following page****



ANNUAL CONFERENCE FOR CBI

DUBLIN, OHIO • APRIL 30-MAY 1, 2017

ONE FORM PER REGISTRANT. FORM MAY BE DUPLICATED. KEEP A COPY FOR YOUR RECORDS.

REGISTRANT INFORMATION **REQUIRED*

- * FIRST NAME _____
- * LAST NAME _____
- * E-MAIL _____
- * OACTE MEMBERSHIP # _____
- * REGION # _____
- * SCHOOL _____
- * ADDRESS _____
- * CITY _____ * STATE _____
- * ZIP _____
- * SCHOOL PHONE _____
- * HOME/CELL PHONE _____

SERVICE TO CBI

THE CBI BOARD RECOGNIZES TEACHERS THAT HAVE REACHED MILESTONES WITH YEARS OF SERVICE TEACHING CBI CLASSES IN INCREMENTS OF 5 YEARS. YOU MUST ATTEND THE CONFERENCE TO RECEIVE YOUR AWARD.

HOW MANY YEARS OF TEACHING CBI DO YOU CURRENTLY HAVE (INCLUDING THIS YEAR)?

_____ YEARS

HOTEL ACCOMMODATIONS

EACH CONFERENCE PARTICIPANT IS ELIGIBLE FOR A DISCOUNTED CONFERENCE RATE BY REGISTERING BY THE APRIL 8, 2017. ALL ATTENDEES MUST MAKE THEIR OWN RESERVATIONS AT THE EMBASSY SUITES IN DUBLIN. ASK FOR THE CONFERENCE RATE WHEN YOU CALL THE HOTEL AT (614) 790-9000.

CONFERENCE CANCELLATION POLICY

REGISTRATIONS CANCELLED ON OR BEFORE APRIL 1 WILL BE ASSESSED A \$25 FEE AND A \$50 FEE APRIL 2-18, 2016. AFTER APRIL 18 ALL CONFERENCE FEES ARE NONREFUNDABLE.

GROUP DISCOUNT

GROUPS OF 3 OR MORE FROM THE SAME SCHOOL WILL RECEIVE A \$10 DISCOUNT PER TEACHER WHEN REGISTRATIONS ARE SUBMITTED TOGETHER.

PAYMENT

CHECKS AND PO'S SHOULD BE MADE PAYABLE TO:
OACTE-CBI (TAX ID # 31-0842162)

REGISTRATION RATES

CHECK THE APPROPRIATE BOX BELOW.

INCLUDES DINNER ON SUNDAY AND LUNCH ON MONDAY.

RECEIVED ON OR BEFORE APRIL 1, 2017 (WITH A COPY OF YOUR PO).

- OACTE MEMBER \$140.00*
- NON MEMBER \$190.00

RECEIVED AFTER APRIL 1, 2017.

- OACTE MEMBER \$165.00*
- NON MEMBER \$215.00

ON-SITE REGISTRATION

- OACTE MEMBER \$190.00*
- NON MEMBER \$240.00

NEW IN 2017—BRING YOUR SPOUSE!

COST PER GUEST (INCLUDES MEALS)

\$50 (CIRCLE HERE IF BRINGING YOUR SPOUSE)

*MUST PROVIDE MEMBERSHIP NUMBER WITH REGISTRATION.

MEAL COUNT

FOR AN ACCURATE MEAL COUNT, PLEASE CHECK THE MEALS FUNCTIONS YOU PLAN TO ATTEND:

_____ SUNDAY DINNER _____ MONDAY LUNCH

OHIO ACTE MEMBERSHIP

TO JOIN OR RENEW YOUR OACTE MEMBERSHIP AND GET THE DISCOUNTED RATE, PLEASE INCLUDE YOUR OACTE MEMBERSHIP REGISTRATION FORM (FOUND AT WWW.OHIOACTE.ORG/JOIN) AND REMIT AN ADDITIONAL \$70 FOR PAYMENT OR JOIN ONLINE. BE SURE TO INDICATE CBI AS YOUR DIVISION. PLEASE NOTE THAT OACTE MEMBERSHIP DUES ARE INCREASING TO \$85 AFTER JANUARY 1, 2017.

REGISTRATIONS, PO'S AND PAYMENTS SHOULD BE

MAILED TO:

ATTN: AMY NICOL-WAGNER
C/O BUNSOLD MIDDLE SCHOOL
14198 STATE ROUTE 4
MARYSVILLE, OHIO 43040
EMAIL: AWAGNER@OHIOHIPOINT.COM
PHONE: 937-578-6400 EXT. 6578
FAX: 937-578-6413