

### **Montana Business Educators Recognized During MBEA Awards Presentation**

During the 2016 Montana Business Education Association's ([www.mbea.info](http://www.mbea.info)) Annual Business Meeting Thursday, October 20 in Bozeman, MBEA presented honored two business education professionals and one business for their contributions to the field and students of business education.

MBEA Past President Doug Andersen (Billings Senior High School) presided over the awards presentation. Past President Andersen first present the New Teacher of the Year Award to Casey Donahue, Ennis High School. Casey is in her third year of teaching and her second at Ennis High School. Casey serves in a variety of roles at Ennis High School including advisor of the Ennis Business Professionals of America chapter, yearbook staff advisor, and technology coordinator for the district. Casey is also active in professional development organizations and provides leadership and personal and professional growth opportunities for her students.

Molly Barta, Billings Skyview High School, was named the 2016 MBEA Teacher of the Year award. In addition to teaching a variety of business courses at Skyview High School, Molly is a MBEA Past President and has represented MBEA on the regional and national levels. Along with co-advisor Janelle Berry, Molly advises the largest Business Professionals of America in Montana. She also serves on the state level of Montana BPA as a member of the state leadership conference coordinating committee as the judge recruiter.

### **Montana Business Educator Named the Montana ACTE Teacher of the Year**

Bainville High School's Cheryl Graham was awarded the [2016 Montana Association for Career and Technical Education](#)'s Teacher of the Year during the 2016 Montana ACTE Awards Luncheon. The 2016 Montana ACTE Awards Luncheon was held in Bozeman on Thursday, October 20 during the 2016 Montana ACTE Fall Institute.

In addition to teaching a variety of business courses at Bainville High School, Cheryl is both a MBEA and Montana ACTE Past President and has represented both MBEA and Montana ACTE on the regional and national levels.

A graduate of the University of Montana, Cheryl began her teaching career at St. Regis High School, served as the OPI Business Education Specialist and state advisor for both Montana BPA and Montana DECA, and is currently the Montana BPA Region 8 Coordinator. Most recently, Cheryl served as a member of the Montana Career & Technical Education/Business and Marketing Education Guidelines committee and serves as a member of the Framework for Business Education in Montana committee.

Cheryl will now advance to be the Montana ACTE candidate for the ACTE Region V Teacher of the Year. The 2017 ACTE Region V conference will be held in April in Rapid City, South Dakota.

### **New Leadership Team Elected for Montana Business Education Association**

Members of the [Montana Business Education Association \(MBEA\)](#) ([www.mbea.info](http://www.mbea.info)) elected a new slate of officers for 2017 during the 2016 MBEA Business Meeting. The 2016 MBEA Business Meeting was held in Bozeman on Thursday, October 20 during the Montana ACTE Fall Institute.

The 2017 MBEA officers include

- President: Chad Eichenlaub, St. Regis
- President Elect: Nicole Bogunovich, Billings West
- Vice President: Calie Wineinger, Froid
- Secretary: Beth Lawrence, Garfield County District High School, Jordan
- Treasurer: Bertha Kirschten, Plevna
- Membership: Director: Jeanette Barreto, Colstrip
- Past President: Brad Mehr, Bozeman

### **Final State CTE/VoEd Funding Allocations for 2016-2017 Now Posted**

The FY2017 State Career and Technical Education allocation payments (i.e. State VoEd Allocations) have been finalized and will be automatically deposited with your county treasurer by November 10, 2016.

The Payment Report is posted both on the *Payments to Schools and Co-Ops AND Secondary CTE* pages of the OPI web site. The following link will take you directly to the FY2017 State VoEd Payment Report:

[http://www.opi.mt.gov/Finance&Grants/Index.html?gpm=1\\_4#p7GPc1\\_4](http://www.opi.mt.gov/Finance&Grants/Index.html?gpm=1_4#p7GPc1_4).

A larger than normal number of corrections and additions have been made since the Preliminary allocations were posted on August 26, 2016. You will likely see a change in your final allocation due to these corrections.

State CTE (VoEd) allocations are based on a formula that factors:

1. High School student enrollment averages in career and technical education classes;
2. Extended contracts for properly endorsed career and technical education instructors;
3. Career and Technical Student Organization (CTSO) high school chapters and student membership;
4. District career and technical education expenditures.

The enrollment and extended contract information comes from the 'Career and Technical Education Student Participation Reports' your district submits to our office each February. CTSO information comes from National Membership lists provided to the CTE Division each spring. The district expenditures are determined from financial reports sent to the Office of Public Instruction.

Only CTE programs that meet the general guidelines in the *Montana Standards and Guidelines for Career and Vocational/Technical Education* are included in the CTE enrollment factor. Enrollment calculations are based on Montana Accreditation Standards.

State CTE funds are intended to supplement existing district budgets in the area of career and technical education. Examples of approved use of state CTE funds include: CTE teacher salaries for extended contracts, stipends to CTE teachers for supervision of CTSO's, instructional supplies and/or instructional equipment used in an approved program, instruction-related travel expenses for an approved CTE program or CTSO, repair, maintenance and leasing of instructional equipment for an approved CTE program.

## **Announcing MFEC's 2017 Poster Contest - "Needs and Wants"**

The Montana Financial Education Coalition ([mtmfec.org](http://mtmfec.org)) is inviting teachers of financial literacy/financial education to encourage the students in grades kindergarten through fifth grade, to contemplate the concept of managing their money responsibly by distinguishing between their wants and needs.

*Winning submissions will be featured in MFEC's 2017 Calendar!*

In "Needs and Wants," creativity is highly encouraged. Students must illustrate their understanding of the important concept that a person's needs and wants must both come from one source—their income—and it is not an unlimited source.

Submissions are due Friday, October 28, 2016. Remember to use a lot of fun colors and fill the space.

--Needs - things that we need to survive

--Wants - things that we would like to have

### Poster Contest Materials

Participants can create their "Needs and Wants" posters creatively on the submission template provided via the link below. Please read the Contest Guidelines and prepare a Contest Permission form to accompany each entry.

To access the poster contest template and additional information, please visit [mtmfec.org](http://mtmfec.org).

## **Montana Teenpreneur Challenge Update #2**

Students entering the contest by November 1 can choose to be assigned a mentor. Mentors will review the submission and provide feedback. Students may then modify and resubmit their entries by the December 1 contest deadline.

The current team of volunteer mentors and judges representing Montana's professional entrepreneurs and business community include: Dr. Daniel Juliano, Associate Director of Technology Licensing at Montana State University; Michael Fitzgerald, Missoula-based Submittable co-founder and CEO; and Lawrie Lieberman, former Dean of Admissions at Stanford University's Graduate School of Business and Senior Group VP of software enterprise firm Business Objects, acquired by SAP in 2008.

A \$2,500 purse will be awarded to the best ideas for new businesses and to the best existing student-run businesses.

Learn more about Montana Teenpreneur Challenge by following the link at [www.OneMontana.org](http://www.OneMontana.org). Questions? Email [Challenge@OneMontana.org](mailto:Challenge@OneMontana.org) for answers.

## **Applications Now Being Accepted for the NCWIT Award for Aspirations in Computing (AiC)**

For a number of years, the NCWIT (National Center for Women and Information Technology) has given national awards to high school girls. The NCWIT Award for Aspirations in Computing is for young women with aspirations and achievements in technology and computing.

This year will be the fifth year that there also will be a MONTANA contest for Montana girls. The time to submit applications is September 1 through November 7 and the application is found at <http://www.aspirations.org/participate/high-school>.

There are many qualified high school girls that would apply if they just had a little push from a leader like you. Any interested female high school student would need to fill in the on-line application, and get a parent and a school official to approve it to be entered into both the national and Montana contests.

In the past, there have been winners from high schools in Anaconda, Arlee, Beaverhead County, Bozeman, Cascade, Cut Bank, Helena Capital, Helena High, Missoula Big Sky, Missoula Sentinel, Noxon, Park County and Whitefish High School. We hope your school will be represented on the winners list this year, but girls have to apply.

We are looking forward to recognizing Montana's talent, and hope that you would encourage the young women that you know to apply. Sometimes all they need is a little encouragement and you are the person to provide that.

P.S. There also is a Montana educator award (with \$1000 for professional development) given each year. Do you know a good teacher that you should encourage to apply? Encourage them by going to <http://www.aspirations.org/content/encourage-educator>.

For more information to get questions answered, please contact Steve Harper and Ted Wendt, Computer Science department at Carroll College, at 406.447.4466 or via email at [sharper@carroll.edu](mailto:sharper@carroll.edu).

### **Online LEGO MindStorm Course--Introduction to Robotics using LEGO Mindstorms**

Montana State University's extended university has put together an online, non-credit, course to introduce robotics as a method for teaching STEM. The course is designed for pre- and in-service teachers, and is also appropriate for youth leaders, coaches or parents who are supporting FIRST LEGO League (FLL) robotic competition teams.

Through self-paced, instructor-led tutorials, you'll learn about:

- computer systems and programming;
- robot construction, locomotion and autonomy;
- sensors; and
- common robot challenges.

The course uses the LEGO Mindstorms robotic platform and supports both the NXT and EV3 versions.

This self-paced course has an open registration so you may enroll at any time that is convenient for you. Registration is required along with a \$49 course fee. OPI renewal units can also be earned for a \$25 fee.

For more information about the course, please visit [www.montana.edu/news/15901/msu-online-course-introduces-robotics-for-stem-education](http://www.montana.edu/news/15901/msu-online-course-introduces-robotics-for-stem-education) and complete registration and course details can be found at [eu.courses.montana.edu/CourseStatus.awp?&course=16SWROBOTS](http://eu.courses.montana.edu/CourseStatus.awp?&course=16SWROBOTS).

## [Updated Framework for Business Education in Montana & OPI TEAMS K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education Available](#)

The [Framework for Business Education in Montana](#) has been updated for the 2016-2017 school year. Within the Framework, updates have been made to the competitive event crosswalks for Business Professionals of America and DECA. The updated crosswalks reflect updates and changes to the competitive event programs at the national level effective for the 2016-2017 school year.

The Framework for Business Education in Montana provides teachers with common guidance for curriculum development and course content development. Review and update work for the Framework for Business Education in Montana was by a committee Montana business education professionals representing all classifications of Montana High School as well as business education teacher program coordinators from the University of Montana and University of Montana Western and the State Directors for Business Professionals of America, Montana Association and Montana DECA.

The course information within the Framework is organized by Career Clusters with the Common Career Technical Core as the standards for each cluster. Additionally, course content is aligned to the *National Standards for Business Education* and is crosswalked to the *National Standards for Business Education* and to the competitive event programs for Business Professionals of America and DECA.

A complete PDF version of the Framework can be downloaded at <https://app.box.com/s/e4vxcib34pb7gkn2ypkqjdwhj37uj5mz> and if you would like to just download the BPA and DECA competitive event crosswalks, they can be downloaded at <https://app.box.com/s/0f3gnfq8msbtute4fe67drecl6ptxu85>.

Also updated for the 2016-2017 school year is the [OPI TEAMS Current Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education](#). The Montana K-12 Course Codes and Descriptions are used for the reporting of course taught in all schools and at all grade levels via the OPI TEAMS school staffing system. Updates to this year's manual include the removal of duplicated courses to help streamline course identification and the removal of "other" courses and codes. Additionally, this year's manual includes a complete listing of Montana teacher licensure course codes.

Within TEAMS, all courses taught are identified and aligned to a national SCED Code with the local school course title listed as well as term type, enrollment numbers, and length of instruction. For Montana's Career & Technical Education programs, the TEAMS data is also used to generate the Montana CTE Student Participation Reports which are used to determine State CTE/VoEd funding allocations.

If you received an updated copy of the Course Codes during the August Summer Update Workshops, please download the manual above as there have been some corrections made to endorsement listing in certain courses since August.

The [OPI TEAMS Current Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing Education](#) can be downloaded at <https://app.box.com/s/8ymsldpnr66xrt1rvl73fzf2sg5zky1r>.

Additional information about the Framework for Business Education in Montana and the OPI TEAMS Current Listing of All Montana K-12 Course Codes and Descriptions Reference Manual for Business & Marketing

Education will be presented during the [2016 New CTE Professionals Workshop](#) and the [2016 Montana ACTE Fall Institute](#).

If you have problems accessing any of the documents noted above, please contact Business Education Specialist Eric Swenson at [eswenson@mt.gov](mailto:eswenson@mt.gov).

### **CTE 2016-2017 Perkins Grant Submission & Approval Reminder for High School Districts**

The CTE Division of the OPI is sending this brief, but friendly, reminder to all districts intending to submit a 2016-2017 Perkins grant application to please obtain final OPI approval of your initial Perkins application through the E-Grants system no later than **Monday, October 31, 2016**.

Only the initial/original application is subject to this deadline. Amendments to your approved Perkins application can occur after the October date. If you have questions regarding the status of your Perkins grant application, please contact one of the following CTE Division staff:

Renee Harris: phone: 406.994.6986; email: [rharris3@mt.gov](mailto:rharris3@mt.gov)

Christy Hendricks: phone: 406.444.9019; email: [chendricks@mt.gov](mailto:chendricks@mt.gov)

### **Online Registration Now Open for the Western Business Education Association 2017 Conference**

The Western Business Education Association's [2017 Conference](#) will be hosted by the Montana Business Education Association and held in Bozeman, February 16-20, 2017, at the Best Western GranTree Inn.

Online registration for the WBEA 2017 Conference can now be completed at <https://bozeman2017.wufoo.com/forms/zxtgf2905hyxuy>. Registration is \$200.00 for NBEA/WBEA members and includes all general and breakout sessions, the Exhibitors' Reception Friday evening, the Saturday afternoon WBEA Luncheon and General Session, and the Awards Dinner and Closing Session on Sunday.

In addition to the breakout and general sessions, you can also register for a variety of hands-on computer workshops, Bozeman-area tours, and be sure to register to attend Saturday night's Montana Special Event to be held at the world famous Museum of Rockies.

One (1) Graduate-level credit will be available from MSU Billings (\$99 payable to MSU Billings) as well as OPI Renewal Units.

Hotel reservations can be made by calling the Best Western GranTree at 406.587.5261 and refer to **Group Code 806427** (Montana Business Education Association). Rooms for the conference are available at the \$92 group rate (plus tax) which is valid from Tuesday, February 14 to Tuesday, February 21, and includes breakfast and free WiFi.

Please visit the [WBEA 2017 Conference](#) page for more information including the conference timeline, computer workshops, and tours.

## **Invitation to Grok Code Quest—Beginning Next Week, October 31**

You and your students—from beginners to experts—are invited to get involved in Grok Code Quest this year. Running from October 31 December 4, Grok Code Quest is a friendly online competition that teaches programming in Python, and will equip students with crucial skills for the future.

Find more information at: [grok.gl/codequest2016](http://grok.gl/codequest2016).

Grok Code offers free access for teachers so you can decide whether the material suitable for your students. Free teacher access includes Grok Code Quest, all of their other competitions, and self-paced courses. Feel free to use them for your own professional development.

This year, Grok Code is introducing a new micro:bit stream to Grok Code Quest, to celebrate the release of the BBC micro:bit (an embedded device being given free to all Year 7 students across the UK).

To help everyone get started, Grok Code is offering a free BBC micro:bit Starter Course with a full micro:bit simulator -- no micro:bit required! Visit [grok.gl/codequest2016](http://grok.gl/codequest2016) to access the free course.

If you have any questions, please email [info@grolearning.com](mailto:info@grolearning.com).

## **Attending DECA WRLC, ACTE in Las Vegas, or Jump\$tart in Dallas? Earn OPI Renewal Units for your Travels**

Are you planning to attend ACTE's CareerTech VISION conference in Las Vegas? Or, maybe you have registered to attend the 2016 Jump\$tart National Educator Conference in Dallas next month. If so, be sure to submit the required information to OPI to be able to turn your out-of-state professional development travel into OPI Renewal Units.

Keep in mind, all educator licenses that expire in 2016 and in subsequent years no longer need college credits; only 60 professional development renewal units are new required.

The Educator Licensure division of the Office of Public Instruction will grant renewal units for certificate renewal when a Montana educator wishes to receive renewal units for attending an event not either delivered by an approved OPI provider or approved by OPI as a single event. To gain the renewal units, you must complete the [Educator's Application for Prior Approval of Professional Development Activities for Renewal Units](#) form.

The fillable PDF [Pre-Approval form](#) can be downloaded at <http://www.opi.mt.gov/pdf/cert/PreApprovePDActivities.pdf>. The completed form and a copy of the documentation, brochure, or promotional materials about the event need to be mailed to the address indicated on the form and be received at least seven (7) days prior to the event's start.

After you download the form, complete the required educator information and information about the course, conference, workshop, event or seminar. To determine the number of number of renewal units requested, most event documentation states the number of contact hours, the number of credits granted (1 semester credit=15 hours/units and 1 quarter credit-10 hours/units); or the number of credit hours granted by another education-related agency. Remember, units are awarded in whole hours—1 hour=1 unit; 1.5 hours=1 unit; 1.75 hours=2 units.

When the event is completed, submit documentation of your participation (most likely a certificate of completion including the number of contact hours) and a copy of your approval letter from the OPI and OPI will send you an official certificate. The certificate should be filed with your renewal unit certificates and college transcripts to be used as evidence when you apply for renewal of your Educator License.

Please keep in mind, if you have applied to receive college credit for the event, you cannot request approval for renewal units.

Should you have questions about the preapproval process, you may contact the Educator Licensure office at 406.444.3150.

### **Fall 2016 CTE Data Collection for Perkins Funding Now Open – Where are Your 2016 Grads?**

The Fall 2016 CTE Data Collection begins on October 1 and ends December 31, 2016. The Fall CTE Data Collection is a follow up to last year's Spring CTE Data Collection.

Students identified as CTE Concentrators last year (2015-2016) and graduated in the spring of 2016 should be contacted between October 1 and December 31 and asked their current post-graduation status. After contact, the appropriate post-graduation status code must be entered into the AIM/Infinite Campus data system for each CTE Concentrator.

All high schools that received funding from the Carl D. Perkins federal grant program in 2015-2016 are required to complete this fall follow up collection to maintain their eligibility to receive Perkins funding.

Instructions for completing the Fall CTE Data Collection—called the '*Quick Reference Guide*' for the Fall CTE Data Collection—are located in two places on the OPI website on the AIM web page listed in Reports and Data and also on the Secondary CTE web page (<http://opi.mt.gov/programs/CTAE/CTE.html>) under the '*Data Collections*' tab.

**Please Note:** Be sure to verify the list of CTE Concentrators from what your district submitted last spring. Any additions, corrections, or changes to the list of CTE Concentrators must be made no later than November 15, 2016, to be accurately reflected in federal reporting and used to compute Perkins Performance Indicators for your school.

Technical AIM questions regarding the Fall CTE Data Collection should be directed to the AIM Helpdesk at 1.877.424.6681 (toll-free) or email [opiainhelp@mt.gov](mailto:opiainhelp@mt.gov).

Questions regarding the Carl D. Perkins federal grant program data requirements should be directed to Christy Hendricks, CTE/Perkins Data Control Specialist at 406.444.9019 or email [chendricks@mt.gov](mailto:chendricks@mt.gov).

### **Fun Facts and Trivia**

Hong Kong's official name is the Hong Kong Special Administrative Region, or Hong Kong SAR.

Since the Opium War of 1842 to July 1, 1997, Hong Kong was under British Rule. Today, it is a special administration region of China. China has the right to absorb Hong Kong in 2047.

Hong Kong means Fragrant Harbor in Cantonese.

Hong Kong is one of the richest cities in the world and has more Rolls Royce's per person than any other city in the world.

Hong Kong uses seawater to flush toilets.

The 'father of fiber optic communications' and winner of the 2009 Nobel Prize in Physics is Professor Charles Kao from Hong Kong.

Hong Kong Disneyland, which opened in 2005, was the third Disney theme park outside the US and the first in China.

Hong Kong has the most skyscrapers in the world, with 8,000 buildings having more than 14 floors, almost double of New York.

You can get married at the McDonalds in Hong Kong. It includes a balloon wedding dress, balloon rings, venue, and of course, food by McDonalds for about \$2000 USD.

Less than 25% of Hong Kong island is urbanized. 40% of the island is reserved for parks and recreation and the rest is virgin forests.

The Tsing Ma Bridge, with a main span of 1,377 meters (nearly 4518 feet), is the longest suspension bridge with both rail and road traffic in the world, 100m longer than San Francisco's Golden Gate Bridge.

Issues of the Wednesday Reader are archived on the Montana Business Education Association (MBEA) website at [www.mbea.info](http://www.mbea.info). The Wednesday Readers are under the Newsletter section and listed most-recent first.

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*"You don't make decisions because they are easy; you don't make them because they are cheap; you don't make them because they're popular; you make them because they're right." ~Rev. Theodore Hesburgh*