

Graduate Credit Available for the Business Education Summer Update Workshops

Are you thinking about attending one of the three 2017 Montana Business Education Summer Update Workshops? What if you could earn a graduate-level credit for your participation?

For this summer's workshops, in partnership with Montana State University Billings, one (1) graduate-level credit will be available. The cost of the credit is \$99 and the requirements will be

- attend the workshop for the full day at one of the three locations,
- complete the online Cyber Teacher Certification training and submit a copy of the earned certificate,
- and develop and submit a lesson plan with associated instructional materials utilizing any of the information and materials gained from the workshop.

A link to register with MSU Billings for the credit and to submit payment for the \$99 fee will be available soon, so keep checking your *Wednesday Reader* and email for details.

Information regarding dates, locations, topics and registration details for the 2017 Montana Business Education Summer Update Workshops are included below in this edition of the *Wednesday Reader*.

Twin Bridges Business Educator Selected as a NGPF Summer Institute Fellow

Jody Sandru, Business Education Teacher at Twin Bridges High School, was selected by [Next Gen Personal Finance](http://www.nextgenpersonalfinance.org) (www.nextgenpersonalfinance.org) to be one of 24 educators for the 2017 class of NGPF Summer Institute Fellows.

The [NGPF Summer Institute](http://www.nextgenpersonalfinance.org) brings together a passionate and talented group of educators who will create new activities, curate resources, collaborate and deepen their content expertise in selected topics — and have a lot of fun in the process. Summer Institute Fellows will engage in meaningful, relevant workshops from NGPF staff as well as a special guest presenter; have an opportunity to network with eleven other passionate, dedicated, innovative personal finance teachers from around the country; and agree to a school-year commitment of serving as an NGPF Fellow, sharing your expertise with our nationwide community.

Jody will be a participant in the June 25-28, 2017, Summer Institute session held at the Next Gen Personal Finance offices in Palo Alto, California.

To learn more about [Next Gen Personal Finance](http://www.nextgenpersonalfinance.org), including curriculum resources and professional development opportunities, please visit www.nextgenpersonalfinance.org.

Applications for the 2018 NGPF Summer Institute Fellows program will open in January 2018.

Congratulations Jody!

Billings Sr. Business Educator Awarded NGPF Scholarship for 2017 JumpStart Conference in DC

Billings Senior High School Business Educator Jodi Stugelmeyer has been announced as a recipient of a [Next Gen Personal Finance](http://www.nextgenpersonalfinance.org) (www.nextgenpersonalfinance.org) Scholarship to attend the [JumpStart's National Educator Conference](http://www.jumpstart.org) in Washington, D.C. from November 3-5, 2017. As a scholarship winner, Jodi will receive

a \$425 scholarship to cover the cost of the conference and accommodations and will be feted at a NGPF reception prior to the conference.

The 2017 NGPF Scholarship winners hail from 22 different states, teach in rural, urban and suburban settings and have experience ranging from one year to over twenty years. For half of the group, this will be their FIRST Jump\$tart National Educator Conference. Here were just a few of the reasons scholarship winners gave for why they wanted to attend this conference:

“I am always looking for new ways to implement interactive methodologies and new materials into my classroom. Going to the Jump\$tart NEC each year is a great opportunity to learn about what’s available from colleagues around the country and from business professionals who are dedicated to financial literacy.”

“I plan on taking information learned during Jump\$tart NEC 2017 to teach the first ever Year Long Financial Literacy to be offered here at my high school. I will also incorporate this curriculum into my Accounting and Business classes, so that more of our students will have the opportunity to learn these valuable life skills.”

“I would like to take the information from the Jumpstart conference and share it not only with my students but with the other teachers at my school who teach personal finance as well as my student’s parents, many of whom are struggling financially. I am always looking for fun projects and lessons that my students will enjoy and learn a financial lesson from using.”

The Jump\$tart Coalition National Educator Conference (jumpstart.org/nec) is the only national conference for classroom teachers dedicated to personal finance education in the classroom. Each year, the conference provides PreK-12 educators with financial education resources, personal and professional development, access to a nation-wide network of colleagues, and general support for financial education.

The conference includes:

- * Tools, resources, information and support for teaching personal finance in the classroom
- * Content and personal development workshops
- * Nationally recognized speakers
- * Networking with peers
- * Exhibit Hall
- * 15 professional development hours
- * Optional activities including free financial planning clinics and financial educator certification testing

Congratulations Jodi on your selection as one of the 2017 NGPF Scholarship recipients to attend the 2017 Jump\$tart National Education Conference.

[EverFi Announces Three \\$1,000 529 Scholarships for STEM](#)

Did you learn something from [Future Goals - Hockey Scholar](#) that sparked your interest in STEM skills? Enter the STEM Scholarship Competition to share your story. Three winning students will receive a \$1,000 529 College Savings Scholarship and have their stories featured on the EverFi blog.

[The STEM Scholarship Competition](#) is open to U.S. students who have completed at least one lesson in Future Goals - Hockey Scholar during the 2016-2017 academic year. Entries must be received by May 12, 2017 at 5:00pm EST.

Future Goals - Hockey Scholar is a [standards aligned](#), online STEM course that brings science, technology, engineering and math (STEM) concepts to life through the game of hockey. Learning modules will build student's understanding of foundational STEM concepts, develop scientific and critical thinking, and highlight STEM careers.

If you are interested in learning more about the program, or have questions, reach out to Cari Turner at cturner@everfi.com or 406.204.2224.

Pace GenCyber: Cybersecurity Summer Workshop for High School Teachers

The Seidenberg School of Computer Science and Information Systems at Pace University (Pleasantville, New York) invites you to attend a seven-day summer workshop aimed at introducing high school teachers to diverse topics in cybersecurity, free of cost.

The workshop will include lectures, hands-on exercises, presentations by industry professionals, group discussions, and lesson design projects. By the end of the program, participants will develop lesson plans that integrate cybersecurity concepts into their curricula or after-school programming.

Participants will receive a \$1,250 stipend upon completion of all workshop sessions and activities.

Topics will include:

- Basic Concepts in Cybersecurity
- Cryptography
- Access Control
- Biometrics
- Cybersecurity Analytics

Program details and application instructions are available at www.pace.edu/seidenberg/gencyber.

For more information or for questions, please contact gencyber@pace.edu.

This workshop is supported by the GenCyber program, and funded jointly by the National Security Agency and the National Science Foundation.

FREE Summer Update Workshops – “Hands on” Exploring of the STEM Branch of Business Ed

While enjoying the calms and the wilds of Montana this summer, plan to take a day for some “Hands on” exploring of the STEM branch of Business Education. If you are looking for a little summer adventure, mark your calendars for the 2017 Montana Business Education Summer Update Workshops.

Three (3) regional workshops will offered across the state for Montana's Business Education Professionals. The 2017 Summer Update Workshops topics will include the financial education program Hands on Banking®, getting “plugged into” activities for integrating Computer Science principals, and Cyber Teacher Certification.

Workshops will be held

- Monday, July 31 at Glacier High School in Kalispell;
- Wednesday, August 2 at Skyview High School in Billings; and
- Friday, August 4 at Capital High School in Helena.

Workshops will be facilitated by Montana Business Education Specialist Eric Swenson. Attendees will gain hands-on experience with the free, fun, and engaging financial education program from Wells Fargo Hands on Banking®; participate in and receive instructional resources for implementing computer science principals using engaging games and puzzles that use cards, string, crayons from CS Unplugged; and begin the journey to earn Cyber Teacher Certification via LifeJourney's National Security Administration Day of Cyber.

In addition to all the information and fun activities, Summer Update Workshop participants will receive Hands on Banking® curriculum materials for teens (grades 6-8), young adults (ages 15-21), and Entrepreneurship (including starting, managing, & growing a business); the complete CS Unplugged collection of learning activities; and have the opportunity to become a certified Cyber Teacher.

Below is the schedule for each of the three locations: July 31, Kalispell at Glacier High School; August 2, Billings at Skyview High School; and August 4, Helena at Capital High School.

- 8:30-9 am: Registration
- 9-9:30 am: Welcome & Introductions
- 9:30-10:30 am: Hands on Banking®
- 10:30-10:45 am: Break
- 10:45-Noon: CS Unplugged
- Noon-1 pm: Lunch (On your own)
- 1-1:30 pm: Business Education Curriculum Update
- 1:30-2:30 pm: Cybersecurity Instructional Resources & Cyber Teacher Certification
- 2:30-2:45 pm: Break
- 2:45-3:45 pm: Cyber Teacher Certification, cont.
- 3:45-4 pm: Wrap Up & Closing

Come for the day and leave with some fresh AIR—*Activities, Instructional Materials, and Resources*—to start out the new school year.

Registration can be completed at <https://goo.gl/forms/XVUTzqwKFOfMFiaq2>. If you have problems accessing the link via the Google “shorthand” URL, here is the longhand version of link, https://docs.google.com/forms/d/e/1FAIpQLScYtFK0u03RrUfVJoCOxxLyrtdTJLrAQki0twD1iU5SfEg6IA/viewform?usp=sf_link.

Please complete registration by Friday, June 23. A registration confirmation will be sent after your registration has been processed.

These workshop will be offered free of charge with up to six (6) OPI Renewal Units available. Participants who complete the Cyber Teacher Certification program and submit a copy of their earned certificate will be eligible

to receive six (6) additional OPI Renewal Units. Proof of an earned Certificate of Completion must be submitted by Friday, August 18, 2017 to receive the additional six (6) units.

Participation in one of the 2017 Summer Update workshops is required in order to earn the six (6) OPI renewal units through this offer to receive renewal units for the completion of the Cyber Teacher Certification.

Any travel and lodging expenses you may incur to attend can be paid for by either Perkins and/or State CTE/VoEd funds.

Please let me know if you have any questions or need additional information.

Reminder – Submit CTE Perkins Intent to Apply & State VoEd Application for 2017-2018 Funding

The Office of Public Instruction has again this year combined both the Federal Carl D. Perkins 'Intent to Apply' AND the State CTE/VoEd Funding application for school districts' convenience. You can apply for one or both funding programs using this one electronic form.

The online link to access and complete the combined Federal and State Funding application is now available and listed below. It is also available on the Secondary CTE web page of the OPI website inside the *Perkins Federal Funding* tab.

Authorized Representatives of Local Education Agencies (LEAs) will use the online link to access and complete the brief electronic form for the 2017-2018 E-Grants cycle. All public high schools and K-12 districts with qualifying Career and Technical Education (CTE) programs are eligible to apply for funding. Elementary districts are not eligible for Perkins or State CTE/VoEd monies.

Districts will NOT receive a 2017-2018 Perkins allocation unless this electronic form is completed and submitted online at the OPI on or before the deadline. These designations are binding and cannot be changed once allocations have been downloaded into the E-Grants system.

The online link can be found at <http://app.keysurvey.com/f/1026384/41f0/>.

The **DEADLINE** for submission of the combined application is **April 28, 2017**.

If you have questions, please contact Christy Hendricks, CTE/Perkins Data Control Specialist, at chendricks@mt.gov or by phone at 406.444.9019.

Belgrade Business Ed Department Looking for Information & Input from the Field

Belgrade High School business teachers Nancy Francis and Leslie Peterson are looking at adding WordPress to their Web Design class and are wondering if there are any school using WordPress.

If you are using WordPress and/or have information and resources you would like to share, please contact Leslie at lpeterson@belgradeschools.com.

Perkins 2016-2017 CTE Spring Data Collection – Time to Identify CTE Concentrators

The Career and Technical Education (CTE) Spring Data Collection begins March 1, 2017 and ends April 28, 2017. This AIM collection asks schools to identify all 12th grade high school students who were enrolled at any point during the current 2016-2017 school year who meet the definition of a Career & Technical Education (CTE) Concentrator.

CTE Concentrators are 12th graders who have earned three (3) or more credits in any CTE program in any combination during their years of high school. Currently, enrolled CTE courses count towards credits earned.

CTE Concentrators must have the 'CTE Concentrator' box checked and an 'Area of Concentration' entered into the AIM/Infinite Campus data system. If the student has a child or shares the parenting of a child, the 'Single Parent' box should also be marked. High schools who receive funding from the Carl D. Perkins federal grant program must complete this CTE Spring Data Collection.

Instructions for completing the CTE Spring Data Collection can be found on the AIM webpage as well as inside the 'Data Collections' tab on the Secondary CTE webpage located at this link:

<http://www.opi.mt.gov/pub/AIM/Collections/CareerTechnicalEducation/SpringCTECollectionGuide.pdf>.

Questions regarding this data collection should be directed to the AIM Helpdesk at 1-877-424-6681 or send an email to opiainhelp@mt.gov.

Questions regarding CTE programs and/or the Carl D. Perkins federal grant program should be directed to Christy Hendricks at 406-444-9019 or email her at: chendricks@mt.gov.

Thank you so much for all you do from everyone at the Career and Technical Education Division of The Office of Public Instruction.

GAERF 2017 Student Design Competition

The [Graphic Arts Education and Research Foundation](http://www.gaerf.org) (GAERF) (www.gaerf.org) is having their ninth annual student design contest. This year's theme is MAGnify!

Students are encouraged to design and print a full-page magazine ad for a product of their choice that is linked to digital media that demonstrates the role that print plays in today's multichannel media mix. The contest is open to all secondary and post-secondary students studying graphics communications/printing, advertising, graphic design, or interactive media program.

Entries selected by GAERF will be judged by the a panel of industry professionals. Winners and their instructors will be notified by July 17, 2017.

1st Place Awards: \$2,000 plus a two-day all-expenses paid trip for the student and instructor to attend PRINT 17, September 13-14, 2017, in Chicago, IL (one secondary school winner; one post-secondary school winner).

2nd Place Awards: \$1,500 (one secondary school winner; one post-secondary school winner).

3rd Place Awards: \$1,000 (one secondary school winner; one post-secondary school winner).

Entries must be submitted by teachers/instructors, and are due June 2, 2017. Visit GAERF's [website](#) for the contest entry form and rules.

Explore Game-Based Karel, Turtle, and 3D Modeling Courses in NCLab for FREE

The NCLab Team (nclab.com) is pleased to announce the release of new versions of the popular Karel Coding, Turtle Coding and 3D Modeling courses.

These courses **are** free for educators. Visit <http://nclab.com/teachers/> to request your free professional development license. Major improvements include dozens of self-graded quizzes and performance tasks (creative projects) aligned to Common Core, NGSS and CSForAll standards. In addition, NCLab has implemented many other minor features based on instructor and student feedback.

Karel Coding

Learn programming with the engaging power of a computer game. Students solve fun mazes, write programs in a simplified Python language, and earn karate-like belts and certificates. Designed for complete beginners as well as for students who already know Scratch. Ages 10-99.

Read more at nclab.com/karel-coding-course.

Turtle Coding

Students are introduced to Python coding by drawing beautiful patterns with the Python Turtle. They learn how to use the Creative Suite to create their own designs, save them in their NCLab account, export them for laser cutting and 3D printing, and share them online. Ages 11-99.

Learn more at nclab.com/turtle-coding-course.

3D Modeling

This course introduces students to Constructive Solid Geometry (CSG) by building models they know from games, sports and movies. Students also learn how to use the Creative Suite to create their own models, save in their user account, export for 3D printing, and share with others online. Ages 12-99.

Discover more about 3D Modeling at nclab.com/3d-modeling-course.

Fun Facts and Trivia

The name Bahamas comes from the Spanish *baja mar*, which means shallow sea.

The Bahamas archipelago of around 700 islands, of which only around 30 are inhabited.

On October 12, 1492 Columbus landed on San Salvador, an island in the Bahamas.

The pink sand of Pink Sands Beach, on Harbour Island the Bahamas, comes from Foraminifera, a microscopic marine animal with a bright pink or red shell.

Mount Alvernia, on Cat Island, rises over 206 feet in altitude and is the highest peak in the Bahamas.

The first people that inhabited the island were called the Tainos.

Dean's Blue Hole, West of Clarence Town, on Long Island plunges over 662 feet into the sea and is the deepest blue hole in the world.

The longest (known) underwater cave system in the world can be found in Lucayan National Park, on Grand Bahama Island

The Bahamian dollar is equal to the U.S. dollar. Exchange rate is 1-to-1. Given this fact, U.S. dollars are accepted everywhere so there is no need to hit up the money changer in the airport.

Bahamians watch American cable TV. The same exact channels we have from MTV to HLN, they have as well. Their only real Bahamian entertainment are some local news shows. Even many of the commercials on TV are the same as in the U.S.

Conch is the most popular seafood on the island, and it is what the Bahamas are known for. They actually have conch farms in the water where they mass produce lots of this popular seafood. But it is very plain and doesn't really take on the taste of the rest of the ingredients in the dish. For this reason, you may or may not like conch.

The Bahamas used to be a British territory, gaining independence on July 10, 1973. What remains from the British is driving on the opposite side of the road and English. Other than that, Bahamians seem to have more in common with Americans.

There are more than 315 days of sunshine in the Bahamas each year.

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

Eric Swenson

Business Education Specialist
Montana Office of Public Instruction
PO Box 202501
Helena, MT 59620-2501
406.444.7991
406.444.1373 (Fax)
eswenson@mt.gov



"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