

Jump\$tart National Educator Conference Scholarship for Teachers – Deadline is Today

Through the generosity of two national Jump\$tart partners—**Experian** and **U.S. Bank**—we are pleased to offer 30 scholarships for Pre-K through 12th grade classroom teachers to attend the **Jump\$tart National Educator Conference**, Nov. 6-8, 2015, in National Harbor, Md., just outside of Washington, D.C. Learn more about the conference at: www.jumpstart.org/nec15.

The scholarship covers your registration for the conference, which also includes: **six meals** (from Friday evening through Sunday noon); **two hotel room nights** in a private room at the Gaylord National Resort & Conference Center; **materials** and **full participation** in the conference.

Note that scholarship recipients (or their schools) are responsible for their own transportation, incidental and optional costs and that these scholarships are available to first-time attendees only.

How to Apply

1. Send an e-mail to: jsnec15scholarship@jumpstart.org
2. Use “JSNEC15 Scholarship Request” in your subject line.
3. Include a short description – no more than 500 words – of the course, unit, activities, etc. in which you currently teach personal finance or your specific plans to introduce it.
4. State that: “I have received, read, understand and will comply with the scholarship program rules.” (You may cut and paste this sentence into your e-mail if you like.)
5. Provide your full name and the name and address of the school or school district by which you are employed.
6. Email attachments will not be accepted, and please do not exceed the 500 word limit in the body of your e-mail.
7. Apply as soon as possible. Within geographic target areas, priority will be given to applications in the order they were received.

Scholarship Program Rules

Scholarships will be awarded among teachers who:

Are full-time, licensed/certified classroom teachers, currently teaching in pre-K through 12th grade and currently employed by a school or school district.

Currently teach personal finance or incorporate it into other content – or –who have a specific plan to introduce the content in the near future.

Have not previously attended the Jump\$tart National Educator Conference.

Have followed the application instructions, above.

Priority will be given to teachers from areas of the United States under-represented in conference registration on **September 30**.

Within these geographic areas, priority will be given to applications in the order they were received.

Scholarship recipients will be selected on September 30; the sooner you apply, the better your chances are of being selected.

Scholarship recipients agree to:

- Register for the conference within one week of notification of the scholarship.
- Return the scholarship funds to Jump\$tart if you fail to attend the conference.

Thirty scholarship recipients and a small number of alternates will be selected on September 30 and be notified by e-mail by October 2.

Thank you for understanding that Jump\$tart will be unable to take phone calls, give status updates or entertain requests for exceptions. Good luck!

Deadline to Register for the 2015 New CTE Professionals Workshop is Monday, October 5

The Office of Public Instruction's Career and Technical Education Specialists will be conducting a **New CTE Professionals Workshop** on Wednesday, October 14, in Billings at the Billings Career Center, prior to the start of the 2015 Montana ACTE Institute.

The New CTE Professionals Workshop is a **FREE** professional development opportunity designed specifically for Career & Technical Education professionals in their first, second, or third year in the classroom or for those teachers new to Career & Technical Education in Montana.

This professional development opportunity will provide teachers who are new to the classroom, as well as those with less than four years of experience, with information on a variety of topics essential for success in the career and technical education classroom including

- Perkins funding,
- State CTE funding,
- Advisory boards,
- Professional development,
- Professional organizations,
- Montana's Big Sky Pathways Initiative and the Development of Programs of Study,
- CTE and program-area standards and guidelines, and
- Career & Technical Student Organizations.

The workshop will be held at the Billings Career Center (3723 Central Avenue) from 8 am to 4 pm. The training is free of charge and lunch will be provided for attendees. Up to six (6) OPI Renewal Units will be offered. Attendees are responsible for their own travel and substitutes.

Additional details about the New CTE Professionals Workshop, including a schedule of events, are currently posted on the Secondary CTE page of the OPI website (<http://opi.mt.gov/programs/CTAE/CTE.html>) under the **In The News** heading and can be downloaded via the following link:

<http://www.opi.mt.gov/pdf/CTE/15CTEprofessionalsWorkshopFlyer.pdf>.

Registration for the 2015 New CTE Professionals Workshop can be completed and submitted online at <https://www.surveymonkey.com/r/KRM35Z9>. The deadline to register is Monday, October 5.

Early-Bird Registration for 2015 Montana ACTE Fall Institute End Tomorrow, October 1

The Montana Association for Career & Technical Education (Montana ACTE) is hosting the premier CTE professional development in Montana October 15-16 in Billings.

The Institute will be held at the Billings Career Center and City College (map included in the Registration Packet). Please review the *Agenda at a Glance* within the [Registration Packet](#) for changes to this year's program.

The Early-Bird registration ends October 1.

To get all the Montana ACTE Fall Institute details, please visit <http://montanaacte.org/prodevel.shtml>.

Nominations for MBEA 2015 Awards Program is October 1

The [Montana Business Education Association](#) (MBEA) is accepting nominations for their 2015 awards program. Awards will be presented during the MBEA Business Meeting held during the 2015 Montana ACTE Fall Institute. The MBEA Business Meeting will be held Thursday, October 15 beginning at 8:30 am.

Nomination letters are currently being sought for the following MBEA awards:

1. Outstanding Montana Business Education Teacher
2. Outstanding Young Business Teacher of the Year
3. Corporate Sponsor

Letters of nomination can be submitted to MBEA Past President Elaine Stedman at estedman@sidney.k12.mt.us. The deadline to submit nominations is October 1.

Stock Market Game Registration Information – Games Begins October 5

Want to facilitate learning that is exciting and fun for both you and your students? Ask teachers you know that have participated about the benefits of involving their classes in The Stock Market Game™ sponsored by the Montana Council on Economic Education.

The program is easy to administer, and teaches and reinforces these essential skills and concepts: Critical Thinking, Decision-making, Cooperation and Communication, Primary Research, and Saving and investing. Students use real internet research and news updates, making the simulation an even better mirror of the real marketplace. While the competitive gameplay creates student excitement, the educational experience delivers the biggest impact. Cash prizes are also awarded for the top three teams. Participation fees are \$15 per team (5 students maximum per team) and scholarships are available if funds are limited.

Training Webinar: Several training webinars are being offered over the next few weeks by the SIFMA (Securities and Financial Markets Association) Foundation, sponsors of the Stock Market Game. There is no fee

for participating in these webinars, nor do you need to register for the simulation to attend the webinar. Attendance is not mandatory, but encouraged. Following are the dates, times, and registration links to the various webinars:

- a. Thursday, 9/10/15, 4:00-5:00 PM MDT: <https://attendee.gotowebinar.com/register/5391364375154189825>
- b. Monday, 9/21/15, 5:00-6:00 PM MDT: <https://attendee.gotowebinar.com/register/8435962650000818689>
- c. Wednesday, 9/30/15, 2:30-3:30 PM MDT: <https://attendee.gotowebinar.com/register/203127444469915649>
- d. Thursday, 10/8/15, 5:00-6:00 PM MDT: <https://attendee.gotowebinar.com/register/3405687057320983809>

Registering Teams for the Stock Market Game: Competition begins on October 5, and runs for 10 weeks, with December 10 being the final trading day. To find out more information and register teams for competition, go to www.stockmarketgame.org, and click on the registration link in the center of the screen.

What students gain from The Stock Market Game™ program is a remarkable experience — and even more important, an education for life.

If you have any questions, please contact Tim Alzheimer at timalz@montana.edu, or by telephone, 406.994.2263.

Updated Framework for Business Education in Montana – Available for Download

Work has been completed to update the [Framework for Business Education in Montana](#). The Framework for Business Education in Montana provides teachers with common guidance for curriculum development and course content developed by a committee Montana business education professionals.

The course information within the Framework has been updated and is organized by Career Clusters. Additionally, course content is aligned to the *National Standards for Business Education*. The Common Career Technical Core is also included in the Framework as the standards for each cluster.

The Framework also includes a crosswalk to the *National Standards for Business Education* and crosswalks to the competitive event programs for Business Professionals of America and DECA--which further enhances and demonstrates the intracurricular relationship of business and marketing education programs to Career & Technical Student Organizations.

A complete PDF version of the Framework can be downloaded at <https://app.box.com/s/e4vxcib34pb7gkn2ypkqidwhj37uj5mz>. Additional information about the Framework for Business Education in Montana will be presented during the [2015 New CTE Professionals Workshop](#) and the [2015 Montana ACTE Fall Institute](#).

If you have problems accessing the Framework via the link above, please let me know.

[The Hour of Code 2015 is Coming – Sign Up Today](#)

Over the past two years, educators like you have helped introduce *100 million students worldwide* to computer science through the Hour of Code. I hope we can count on you to help us reach 100,000 Hour of Code events during Computer Science Education Week, December 7-13.

[Sign up your school](#)

New for 2015

This year, new tutorials will be designed for the high-school level. We'll also offer teacher-guided, one-hour lesson plans for experienced CS educators like yourself to share with colleagues.

Creative lessons can encourage new teachers all subject areas to get involved, by linking CS to their fields. Code.org and CSTA will jointly curate teacher-led lesson plans to add to the Hour of Code. See more details and [submit your Hour of Code lesson](#).

Register your ENTIRE school

Every participating educator will receive a thank-you gift and US public schools can [enter to win \\$10,000 of hardware](#) for introducing every student to their first Hour of Code.

As you know, one hour can be enough to inspire more learning. Let's make history again.

Start at <https://hourofcode.com/>

[CS Unplugged – Computer Science Without a Computer](#)

Each Unplugged activity is available to download in PDF format, with full instructions and worksheets. Background sections explain the significance of each activity to computer science, and answers are provided for all problems.

All you need for most of these activities are curiosity and enthusiasm. There are photos and videos showing some of the activities in action, and we've collected links to other useful resources.

The activities are primarily aimed at the five to twelve year-old age group, but they are by no means restricted to this age range: we've used them to teach older children and adults too, with little modification.

[The Activities](#)

Data: Representing Information

- [Binary Numbers](#)
- [Image Representation](#)
- [Text Compression](#)
- [Error Detection](#)
- [Information Theory](#)
- [Sound Representation](#)
- [Databases](#)

Algorithms: Putting Computers to Work

- [Searching Algorithms](#)

- [Sorting Algorithms](#)
- [Sorting Networks](#)
- [Minimal Spanning Trees](#)
- [Routing and Deadlock](#)
- [Network Protocols](#)
- [Phylogenetics](#)
- [Divide and Conquer](#)
- [Line Drawing](#)

Procedures: Telling Computers What to Do

- [Finite State Automata](#)
- [Programming Languages](#)
- [Class Simulation of a Computer](#)
- [Programming Languages – Harold the Robot](#)

Intractability: Really Hard Problems

- [Graph Colouring](#)
- [Dominating Sets](#)
- [Steiner Trees](#)

Cryptography: Sharing Secrets

- [Information Hiding](#)
- [Cryptographic Protocols](#)
- [Public Key Encryption](#)

The Human Face of Computing: Interacting with Computers

- [Human Interface Design](#)
- [The Turing Test](#)
- [Artificial Intelligence](#)

Community Activities

- [Phylogenetics](#)
- [Class Simulation of a Computer](#)
- [Harold the Robot](#)
- [Modems Unplugged](#)
- [Divide and Conquer](#) (Santa's Dirty Socks)
- [Databases](#)
- [Line Drawing](#)
- [Scout Patrol \(Encryption\)](#)

MSU Entrepreneurship Day Taking Place November 9 – Sign Up Today

The Jake Jobs College of Business and Entrepreneurship (JJCBE) has a very exciting 12th annual Entrepreneur Day planned for Monday, November 9, 2015 at the MSU campus in Bozeman. This event is geared towards students interested in entrepreneurship and business but it is also a great opportunity to visit a land grant university and learn more about higher education. The business school with option areas in Accounting,

Finance, Management and Marketing, is accredited by AACSB; only 5% of all business schools hold this distinction.

This year, the owner of [Olivelle](#), Brie Thompson, will be the keynote speaker. It began when Brie was searching for a Christmas gift for her mother when she was a sophomore year in college. She stumbled upon an Oil & Vinegar store and immediately knew she could create that perfect gift. Two years later, in 2006, the mother and daughter team of Michelle Schaeffer and Brie Thompson (Schaeffer at the time) decided to open products previously only available in larger an Oil & Vinegar franchise. Their small, hometown of Bozeman, Montana finally had the high quality gourmet markets. After a few turns, Olivelle was born!

Each session is designed to be motivating and educational. We invite you to inform your students of this great event and encourage them to attend. Entrepreneurship Day is free and does include lunch for students. The event is sponsored in part with funding from Boeing.

The tentative schedule for the day is as follows:

9:30 a.m. - Check-In

10 a.m. - Welcome/Overview

10:20 a.m. - Interactive Workshop with JJCBE faculty and students

--Like last year, participants will be split the into two groups; one group will participate in the workshop and the other group will tours campus, groups will switch half way through.

--Two meeting times are scheduled for Advisors/Teachers to meet with the Director of the Entrepreneurship Center

12:15 p.m. – Lunch

1 p.m. - Keynote, Q&A

2 p.m. - Business Student-led interactive workshop/activity

3 p.m. – Adjournment

While students are encouraged to stay for the entire event, the JJCBE understands that some may have conflicting schedules, so they are invited to come as they are able. JJCBE does do ask that an advisor or teacher accompany the students if possible. Due to space limitations, reserve your school's seats as soon as possible.

To accommodate proper set up, handouts and food preparation, please click on this link—<http://goo.gl/forms/Bu7NeyBkVi>—to reserve a spot for your school immediately and send the student list on/before October 16 (Format = Student Last Name, Student First Name, School Name) to Lward@montana.edu.

Please contact Linda Ward (lward@montana.edu) if you have any questions or concerns.

Additional information about the Jake Jobs College of Business and Entrepreneurship can be found at <http://www.montana.edu/business/index.html>.

CodeHS Web-Based Coding Curricula Now Available For All Classrooms

[CodeHS \(codehs.com\)](http://codehs.com) has worked with thousands of schools across the country to build a great tool for teaching programming. Now, [CodeHS](http://codehs.com) is excited to reach even more students by introducing a free version of CodeHS for teachers to use in the classroom.

Imagine everything you need to teach your computer science courses all in one place. With [CodeHS](http://codehs.com), you can:

- Write and run code in the browser (including Java)
- Use autograders to provide immediate feedback
- Leverage your time in the classroom with student progress tracking
- Save time grading with efficient grading tools
- Import your own exercises or use ours

Sign up for free at codehs.com/signup/teacher.

Even more teacher tools and features are available when you sign up for a school membership. Questions about how CodeHS fits in with your classroom or want to learn more about our membership options? Fill out this short form: <http://bit.ly/1NOJNVh>

If you have questions, shoot an email to hello@codehs.com.

2015 Jump\$tart National Educator Conference

As the nation's leading advocate for youth financial literacy, the Jump\$tart Coalition for Personal Financial Literacy® is proud to conduct its [seventh annual conference](#) devoted specifically to Pre-K to 12th grade classroom teachers of personal finance.

This year's event will take place Nov. 6-8 at the Gaylord National Resort & Convention Center, just outside Washington, D.C.

Complete [2015 Jump\\$tart National Educator Conference](#) details can be found at <http://www.jumpstart.org/teacher-conference.html>.

This Year's Conference Highlights:

- Tools, resources, information and support for teaching personal finance in the classroom.
- A variety of workshops under three strands: Curricula/Content, Personal Development "101" and Personal Development "AP."
- Networking with your peers from across the country!
- Exhibit Hall devoted to Financial Education Resources

--Welcome to Washington Gala with Opening Night performance by "America's Comedic Financial Expert" [Colin Ryan](#).

--15 Professional Development Hours for Teachers

--**Optional Activities** include: free financial planning clinics, two financial educator certification programs, and various teacher networking opportunities. [Click Here to View the Activities](#).

Teacher Fundraising - New This Year! Jump\$tart wants to help you get to the National Educator Conference! While Jump\$tart and its partners underwrite a significant portion of the event, they know you—the teachers—still incur some costs. So, they have established a way for you to crowdfund the registration fee and reasonable travel costs, if you need. [Click Here to Learn More](#).

Fun Facts and Trivia

For over 120 years, the SC Johnson Company has been making products to keep our homes and offices clean including Pledge, Windex, Shout, Raid, and Ziploc

In 1886, Company founder Samuel C. Johnson purchases a flooring business and starts his own company in Racine, Wisconsin and develops his first paste wax floor care product, to help consumers care for and protect their homes. In 1888

During the years 1956-1958, the Raid, Glade, OFF! and Pledge brands are launched and go on to become trusted, household names.

In 1992, SC Johnson acquired The Drackett Company, bringing Windex, Vanish and Drano into the family of brands

With the acquisition of DowBrands in 1998, Ziploc, Saran, Scrubbing Bubbles and fantastic became brands within the SC Johnson company

Did you know you can make homemade ice cream using Ziploc bags? [Check it out](#)

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