



COUNCIL FOR  
Economic  
Education

# FINANCIAL LITERACY AND ECONOMIC EDUCATION Conference

October 5-8, 2016  
Phoenix, AZ



**YOU'RE NEVER TOO YOUNG  
TO LEARN ABOUT MONEY**

Lead Sponsor:

**WELLS  
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Arizona Council on Economic Education  
National Association of Economic Educators

# ENVISIONING A WORLD WHERE EVERY STUDENT IS ECONOMICALLY LITERATE

Having served **1,000** schools in  
**104** cities in the state of Arizona.

Training **1,500**  
teachers annually.

Reaching **200,000**  
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Arizona Council  
On Economic Education  
*"Investing in Students' Futures"*

# 55<sup>th</sup> Annual Financial Literacy and Economic Education Conference

October 5-8 • Renaissance Phoenix Downtown Hotel • Phoenix, Arizona

Welcome to the Council for Economic Education's 55th Annual Financial Literacy and Economic Education Conference. We are excited that this year's conference is hosted by the Arizona Council on Economic Education (ACEE).

The Arizona Council on Economic Education continues to prepare the next generation in the "Copper State" for personal and financial success. In the state known for its fabulous mineral wealth, the Arizona Council is always "digging up" great opportunities for educators and students in partnership with its university-based centers for economic education, corporate sponsors, and the ACEE Board of Directors.

This year, the Council for Economic Education (CEE) and our affiliates worked to move the ball forward through events surrounding the release of our 2016 *Survey of the States: Economic and Personal Finance Education in Our Nation's School*. A vital part of our advocacy project is to be present at vital junctures in the democratic project, and our national political conventions qualify – so went, to both. In the midst of great enthusiasm and occasional chaos, in the midst of optimism and cynicism, drama and steadfast purpose, we made our case.

When we teach economics and personal finance to children, we aren't just teaching about "money." We are teaching that opportunity unfolds on a foundation of sound, informed choices; we are teaching the skills and habits of thought necessary to make good choices for fruitful lives. The Council for Economic Education ensures that our nation's children learn the grammar of what is a highly specialized language, but one critical to their future success.

And our conference ensures that you get the best of us. Our program is filled with hands-on workshops for teachers, discussion groups, introductions to new resources, networking opportunities, and our awards ceremonies. We encourage you to immerse yourself in the learning opportunities, meet new people, and take back to your classroom as much as possible.

There will be many opportunities to thank some of the very special people for their valuable contributions this year, but here we want to particularly mention our presenting sponsor, Wells Fargo.

On behalf of Elena Zee, President and CEO, Arizona Council on Economic Education; Sue Owens, President of the National Association of Economic Educators; Brian Page, Chair of the CEE Teacher Advisory Committee; and myself, we want to thank you for joining us and for your constancy in striving to become ever better educators.

Enjoy the conference!

Sincerely,

**Nan J. Morrison**  
President & CEO  
Council for Economic Education

# CONFERENCE INFORMATION

## CONFERENCE FACILITIES

All conference sessions will be held at the Renaissance Phoenix Downtown Hotel.

## REGISTRATION

Registration will be located in the Ballroom Foyer at the Renaissance Phoenix Downtown Hotel. Participants will be able to pick up their registration badges and conference programs:

Wednesday, October 5th 11:00 am – 6:00pm

Thursday, October 6th 7:00 am – 6:00 pm

Friday, October 7th 7:30 am – 6:00 pm

Saturday, October 8th 7:45 am – 12:00 pm

## FIRST-TIME ATTENDEES

Teachers who are attending their first annual conference can be identified by a red ribbon on their badges. Teachers will be identified by a blue ribbon. Please extend a special welcome to them.

## CONFERENCE PROGRAM

This conference program details the overall conference schedule. A floor plan of the Renaissance Downtown Hotel is included at the back of the program. There is an alphabetical listing of conference presenters and a list of exhibitors for your reference.

## CONFERENCE PROGRAM - MOBILE VERSION

Visit <http://econedconf2016.busyconf.com/schedule> on your smartphone for a mobile version of the schedule.

## EXHIBITION

The exhibition hall is located in the **South Ballroom**. The exhibits will be open Friday from 8:00 am to 5:00 pm and Saturday from 8:00 am to 12:00 pm. Check out all of the resources and solutions offered by conference exhibitors. You'll enjoy snacks while meeting your fellow educators and learning about tools and services that can make you a more effective teacher.

## BE SOCIAL

Our conference hashtag is #CEEConf16. Please join us for live tweets, Facebook posts and likes, and add your own photos.

## ACKNOWLEDGEMENTS

CEE would like to extend our thanks and appreciation to Wells Fargo for overall conference sponsorship. We also thank all our sponsors, presenters, attendees and exhibitors for their contribution to this conference.

**Note:** Some sessions may be videotaped for CEE use.

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# SPECIAL SESSIONS/EVENTS

## AFFILIATES

WEDNESDAY, OCTOBER 5

### NAEE Executive Committee Meeting

9:00 AM- 12:00PM | Mohave

### Luncheon for New(er) Council/Center Directors

12:30 PM- 1:30 PM | Gila

### New(er) Council Directors Session

2:00- 5:00 PM | Maricopa

*Professional Development for New(er) Council Directors and Staff*

*This professional development session will focus on overall operations for a sustainable council. Topics presented will include: organizational structure; extending reach through the state; board of directors; governance; fundraising strategies; and building a cohesive statewide network. Focus: Council Management*

**Facilitated by:** Amy Lee, Oklahoma Council on Economic Education; Allysun Williams, California Council on Economic Education, Conely and Mary Ann Hewitt, Maryland Council on Economic Education

**Convened by:** Council for Economic Education

### New(er) Center Directors Session

2:00- 5:00PM | Havasupai

*Professional Development for New(er) Center Directors and Staff*

*This professional development session will focus on functions of activities to enhance the reach and effectiveness of your Center; Center programs and funding; and sharing information on Center activities with your host college and university.*

**Focus:** Center Management

*Facilitated by: Susan Doty, University of Texas at Tyler*

*Convened by CEE*

## AFFILIATES THURSDAY, OCTOBER 6

### Continental Breakfast and Networking

8:00AM- 8:30 AM | Meeting Level Foyer

### Raising Arizona: Strong Economic Education is a Team Effort

8:30AM- 9:30 AM | Salon 4

*Arizona is no different from other states. We have gone through different life cycles, including start up, growth, maturing and re-inventing. We will share lessons learned in supporting teachers and building partnerships to raise an economically literate future. A successful economic education program builds upon successes. Those successes come through experimentation and innovation by allowing partners to coordinate their activities around a good set of standards. The session panel is representative of the Arizona Council's robust network of economic education service providers.*

**Presenter: John Morton, Arizona Council on Economic Education**

### NAEE Committee Meetings:

9:40 AM- 10:40 AM

Technology and Social Media | Salon 1

Awards and Professional Recognition | Salon 2

Marketing and Membership | Salon 3

Educational Resources | Salon 4

Research | Salon 5

International | Salon 6

Professional Development & Spring Conference | Salon 7

### Networking Break

10:40AM-11:00 AM | Meeting Level Foyer

*Come grab a cup of coffee and a snack while socializing and networking with other attendees.*

### NAEE Business Meeting

11:00 AM-11:50AM | Salons 5-6

### NAEE/CEE Awards Recognition Luncheon

12:00PM- 1:15PM | Pueblo Jr. Ballroom

*Join us for the Awards Recognition Luncheon recognizing your peers in the field.*

## AFFILIATES THURSDAY, OCTOBER 6 continued

### Council Directors Session

**1:30 PM-2:50PM | Salon 5**

*Join us for some discussions on: creative fundraising; social media, digital Marketing 101, teacher reach; creative programs, program growth and partnerships. Share your experiences and learn from other council directors.*

**Focus:** Council Management

**Facilitated by:** Jeffrey Sanson, Indiana Council for Economic Education

*Presenters: Mary Ann Hewitt, Maryland Council on Economic Education, Allysun Williams, California Council on Economic Education, April Somboun, Council for Economic Education*

### Center Directors Session

**1:30PM- 2:50PM | Salons 3-4**

*Join us for discussions on how centers can use social media to reach audiences and how teachers can use social media for instructional purpose, creative presentations with collaborative community partners and innovative and interesting approaches for professional development. Share your experiences and learn from other center directors.*

**Focus:** Center Management

**Facilitated by:** Gary Stone, Winthrop University Center

*Presenter: Kim Holder, University of West Georgia Center; David Mahon, Miami Dade University; Susan Doty, University of Tyler Center*

### Program Directors Session

**1:30 PM- 2:50 PM | Salon 2**

*Looking for new program ideas? Don't miss out on this session as a panel share innovative programs across the country. All are welcome to share best practices.*

**Focus:** Affiliates Management

**Facilitated by:** Elizabeth Healy, Council for Economic Education and Sarah Vannatta, EconomicsPennsylvania

*Presenters: Marsha Masters, EconomicsArkansas, Mike Raymer, Georgia Council on Economic Education, Mary Suiter and Barbara Flowers, Federal Reserve Bank of St. Louis*

### Council/Center Directors Meeting

**3:00 PM-4:30 PM | Salons 6-8**

*CEE will convene a meeting for state council and center directors. Topics include CEE updates and network initiatives and joint goals for a "One Network".*

**Focus:** Council/Center Management

*Led by Nan Morrison, CEO, CEE*

*Convened by Council for Economic Education*

### Session for Councils: Fundraising

**4:40PM-5:40PM | Salon 2**

*The Role of Funders in Philanthropy*

*This session is designed to help CEE affiliates enhance corporate engagement and best practices.*

**Presenters:** Deborah Bateman, Vice Chairman of the National Bank of Arizona, Liz Kaplan, Executive Director of the Arizona Coyotes Foundation, Pat Spica, Charles Schwab/ACEE Board Member, Selena Swartzfager, Mississippi Council on Economic Education



AFFILIATES **THURSDAY, OCTOBER 6**  
continued

### **National Economics Challenge Coordinator Meeting**

**4:40 PM- 5:40 PM | Salon 3**

*Join us for a National Economics Challenge meeting for Economics Challenge state coordinators. We will provide information on the program dates, new marketing materials and tool kits available, the Online Assessment Center and practice test for teachers. We will also have an open mic - round table to talk about running a state challenge in person and online, and address any questions.*

**Presenters:** Rosanna Castillo and Kevin Gotchet,  
Council for Economic Education

### **Test Development Session for National Economics Challenge**

**5:45 PM- 6:45 PM | Salon 3**

*Join us for a special meeting relating to the National Economics Challenge Test Sharing initiative. We will break up into groups to review submitted test questions, edit content and grammar. Discuss guidelines designed to ensure that a steady stream of new questions continue to be added to the test bank each year. This session will provide a brief overview of the Online Econ and Finance Challenge.*

**Presenter:** Rosanna Castillo, CEE  
*Honoring economic education leaders,  
recognizing outstanding teachers and  
conversations with former students.*

# TEACHERS

## FRIDAY, OCTOBER 7

### Breakfast and Presentation for K-12 Teachers

**7:00 AM-7:50 AM | Pueblo Jr. Ballroom**

Start the day off right with breakfast and engaging conversation with fellow educators. Sponsored by Bank of America.

**Speaker:** Michael E. Staten, Take Charge America Endowed Professor, University of Arizona

### Teacher's Awards Recognition Luncheon

**12:40 PM- 2:10 PM | Pueblo Jr. Ballroom**

**Speaker:** Mary C. Daly, Senior Vice President and Associate Director of Economic Research Federal Reserve Bank San Francisco

### Teacher's Tour

**3:30: PM-4:30 PM**

Wells Fargo Tour!

## SATURDAY, OCTOBER 8

### Breakfast and Presentation for K-12 Teachers

**8:00 AM-9:00 AM | North Ballroom**

Join us for an EconEdLink Presentation. With hundreds of FREE lessons, videos, digital interactive and professional development tools at your disposal, EconEdLink has much to offer to educators teaching economics or financial literacy in any grade level. Stop by for a guided tour of EconEdLink, and a preview of upcoming attractions.

**Presenters:** Chris Bujara, Rochelle Diogenes and Alexis Andrews, Council for Economic Education

### Teacher's Roundtables & Lunch Elementary School Middle School High School

**12:10 PM-1:00 PM | Salon 5, 6, 7**

Meet with fellow teachers and learn how they're tackling the challenges of economic education and financial literacy to K-12 students.

# ALL ATTENDEES

## THURSDAY, OCTOBER 6

### Welcome Reception

**7:00PM- 8:30 PM | Pueblo Jr. Ballroom**

*Arrive early and join us for an informal cash bar reception with fellow attendees, affiliates, and guests.*

## FRIDAY, OCTOBER 7

### Refreshment and Networking Break

**10:15AM-10:35 AM | Ballroom Foyer**

*Refreshment and Networking Break*

### Social for all Attendees

**6:30 PM- 9:00 PM | Skyline**

*Come socialize with other attendees, sample a variety of delicious foods.*

### Exhibit Hall Open

**8:00 AM-5:00 PM | South Ballroom**

*An opportunity to meet and mingle with solution and resource providers.*

## SATURDAY, OCTOBER 8

### 5K Run

**7:00AM- 8:00AM | Meet in lobby**

### Breakfast for International Attendees (by invitation only)

**8:00AM-9:00AM | Gila**

### Exhibit Hall Open

**8:00 AM-12:00 PM | South Ballroom**

*An opportunity to meet and mingle with solution and resource providers.*

# CONFERENCE SCHEDULE OVERVIEW

## WEDNESDAY, OCTOBER 5

9:00am – 12:00pm	NAEE Executive Committee Meeting	Mohave
11:00am – 6:00pm	Registration	Conference Level Foyer
12:30pm – 1:30pm	Luncheon for New(er) Council/Center Directors	Gila
2:00pm – 5:00pm	Professional Development for New(er) Council Directors Session	Maricopa
2:00pm – 5:00pm	Professional Development for New(er) Center Directors Session	Havasupai

## THURSDAY, OCTOBER 6

7:00am – 6:00pm	Registration	Ballroom Foyer
8:00am – 8:30am	Continental Breakfast and networking	Meeting Level Foyer
8:30am – 9:30am	Raising Arizona: Strong Economic Education is a Team Effort	Salon 4
9:40am – 10:40am	NAEE Committee Meetings: Technology and Social Media Committee Awards and Professional Recognition Committee Marketing and Membership Committee Educational Resources Committee Research Committee International Committee Professional Development & Spring Conference Committee	Salon 1 Tech Lab Salon 2 Salon 3 Salon 4 Salon 5 Salon 6 Salon 7
10:40am – 11:00am	Networking Break	Meeting Level Foyer
11:00am – 11:50am	NAEE Business Meeting	Salons 5-6
12:00pm – 1:15pm	NAEE/CEE Awards Recognition Luncheon	Pueblo Jr. Ballroom
1:30pm – 2:50pm	Program Directors Session	Salon 2
1:30pm – 2:50pm	Center Directors Session	Salon 3-4

# CONFERENCE SCHEDULE OVERVIEW

1:30pm – 2:50pm	Council Directors Session	Salon 5
3:00 pm – 4:30 pm	Council/Center Directors Meeting	Salons 6-8
4:40 pm – 5:40 pm	Fundraising Session	Salons 2
4:40 pm – 5:40 pm	National Economics Challenge - Coordinators Meeting	Salon 3
5:45 pm – 6:45 pm	National Economics Challenge Test Development Session	Salon 3
6:00 pm – 9:00 pm	Champions in Education Gala ( by invitation only ) Hosted by Arizona Council on Economic Education	Grand Ballroom
7:00 pm – 8:30 pm	Welcome Reception	Pueblo Jr. Ballroom

## FRIDAY, OCTOBER 7

7:00 am – 7:50 am	Breakfast and Presentation for K-12 Teachers Speaker: Michael E. Staten, Take Charge America Endowed Professor, University of Arizona  Sponsored by Bank of America	Pueblo Jr. Ballroom
7:30 am – 6:00 pm	Registration	Ballroom Foyer
8:00 am – 5:00 pm	Exhibit Hall Open	South Ballroom
8:00 am – 8:50 am	Concurrent Sessions A	
	1,000 videos for you!	Salon 1
	Radical Equations: Seeing Economics and FinLit Education in Black and White	Salon 2
	Math in the Real World	Salon 3
	Are Your Students College- and Career- Choice Ready?	Salon 4
	Bringing A Financial Fair To Your School	Salon 5
	Disciplinary Literacy in Economics	Salon 6
	I Choose C: Assessment Beyond Multiple Choice in Economics	Salon 7
	Teaching the Economics of Made in America	Salon 8
	"The Short Seller" – Teaching Financial Literacy Through a Book Study	Pima
	Weird Economics: Using Song Parodies to Teach Economics	Maricopa

# CONFERENCE SCHEDULE OVERVIEW

9:00 am – 10:15 am	Opening Plenary Session Speaker: David Wessel, Director, The Hutchins Center on Fiscal and Monetary Policy The Brookings Institution	North Ballroom
10:15 am – 10:35 am	Exhibits, Refreshment and Networking Break	Ballroom Foyer
10:40 am – 11:30 am	Poster Session #1  Innovative Financial Education Program for Young Children  Building Community Partnerships in a Business, Economics and Finance Classroom  Personal Finance and Economics are Complementary Goods!  Don't Forget It, FIX It: Classroom Correction and Revision Opportunities  The "Consumer Budget Project"...Give the Gift of Insight and Foresight!  Dr. Seuss and Guns vs. Butter - Exploring Multimedia Lessons on the PPC  Economics Tutoring – YouTube Channel – An Open Access Model  Real Money. Real World. Hands-on Learning for Teens  National Economics Challenge  Engaging Personal Finance Students with Student-made Infographics	Ballroom Foyer
10:40 am – 11:30 am	Concurrent Sessions B  E-STEM: Recognizing that Economics is the Engine Driving the STEM Initiative  The Fiscal Ship  What do Pirates, The Lorax and Rap Have in Common? Economics, Of Course  Expanding High School Financial Literacy in Chicago: Sustaining Growth  Experiential Learning in Personal Finance  Demand & Supply  Modern Cuba at a Crossroads  Sneaking Economics into Story Time: Teaching Economics through Children's Literature  The Economics of Disasters  Welcome Home: The Key to Home Ownership	Salon 1 Tech Lab  Salon 2 Salon 3 Salon 4 Salon 5 Salon 6 Salon 7 Salon 8 Pima Maricopa

# CONFERENCE SCHEDULE OVERVIEW

11:00 am – 12:30 pm	Research Session #1	Havasupai
	<b>Measuring Economic Learning</b>	
	Prior Online and Blended Experience: Does it Affect Outcomes in a Blended Course	
	Measuring the Impact of New State Standards on the Economic Knowledge of Kentucky Teachers	
	Assessing the financial literacy of young adults in Germany	
	Do State Education Mandates Effect Student Knowledge of Economics?	
11:40 am – 12:30 pm	Concurrent Sessions C	
	Get Your Questions Answered by the Social Media Geek Squad	Salon 1 Tech Lab
	Better Money Habits	Salon 2
	How to Be Richer Than Your Parents Using the 5 C's	Salon 3
	Understanding the AP Tests to Improve your Student's Performance	Salon 4
	Blended Learning in Economics Classrooms	Salon 5
	Use Econ Lowdown Resources to Make It Stick!	Salon 6
	Night of the Living Debt: Credit Scores and Zombies!	Salon 7
	Teaching Personal Finance Using Children's Literature	Salon 8
	My Classroom Economy Experiential Learning Program	Pima
	Engage Your Students with a Classroom Economy	Maricopa
12:40 pm – 2:10 pm	Teachers' Awards Recognition Luncheon Speaker: Mary C. Daly, Senior Vice President and Associate Director of Economic Research Federal Reserve Bank of San Francisco	Pueblo Jr Ballroom
2:20 pm – 3:10 pm	Concurrent Sessions D	
	Hands on Banking	Salon 1 Tech Lab
	Enhancing the High School Economics Course	Salon 2
	Engaging Mall Simulation for your 3-5th grade classroom	Salon 3
	What Price is the Right Price? Using NPR to Teach Economics	Salon 4
	Learning Economics with Technology: Herschel's World of Economics App	Salon 5
	Life Strikes! – Personal Finance Simulation	Salon 6
	Economics, Partnerships, and Really Good Books	Salon 7

# CONFERENCE SCHEDULE OVERVIEW

	Behavioral Economics and Personal Finance	Salon 8
	Friend-raising and Fundraising with an Elementary Economics Competition	Pima
	An Online Professional Development Program on Money Creation	Maricopa
2:20 pm – 3:10 pm	Poster Session #2	Ballroom Foyer
	Northwest Youth Financial Education	
	Empirical Research: Using iPads to Conduct Economic Opinion Surveys	
	Showcase Students: Partnering to Develop Students' Economic Voices	
	Economics and Literature: Strategies for Reaching Across the Aisle	
	Economic Fusion: Using Infographics to Make Connections	
	National Economics Challenge	
	The Brief Case: You Can Bank On It!	
2:20 pm – 3:50 pm	Research Session #2	Havasupai
	<b>Innovations in Teaching Economic and Financial Literacy</b>	
	Flipping the Econ Classroom: Does it Work?	
	Leonardo DiCaprio as an Example of The Economic Man	
	How Elementary Teachers Use Classroom Mini-Economies When Guided By the C3 Framework	
	Does Mathematics Matter? How Student Perceptions Create Barriers to Economics	
3:20 pm – 4:10 pm	Concurrent Sessions E	
	Online Course Opportunity for Elementary Educators for your Center/Council	Salon 1 Tech Lab
	Election Economics	Salon 2
	Inquiry in Action: Deliberate processes to reduce the Federal Budget	Salon 3
	Team-Based Learning: Tools and Techniques to Flip Your Economics Classroom	Salon 4
	Teaching High School Personal Finance: 21st Century Strategies for Technology Integration	Salon 5
	Peanut Butter and...Cupcake?	Salon 6
	Engaging Volunteers to deliver real-life economics in the classroom!	Salon 7



# CONFERENCE SCHEDULE OVERVIEW

	Budget Challenge – Road Test for Personal Finance	Salon 8
	Economics in Paradise!	Pima
	YMCA Youth in Government: Adding Economic Thinking	Maricopa
4:10 pm – 4:25 pm	Exhibits, Refreshment and Networking Break	Ballroom Foyer
3:30 pm – 4:30 pm	Wells Fargo Teachers' Tour	Off Site
4:30 pm – 5:20 pm	Concurrent Sessions F	
	Follow \$martPath to a Fun, Animated, FREE Elementary Resource	Salon 1 Tech Lab
	Behavioral Economics	Salon 2
	Creating a Classroom Mini-Economy: Build a Startup Culture in Your Classroom!	Salon 3
	Fun, Formative Assessments: Econ Style!	Salon 4
	Graduate Education at University of Delaware: MAEEE and Ph.D. Degrees in Economic Education	Salon 5
	Award Winning Teachers Share Best Practices	Salon 6
	Keepin' it Reel: Using Popular Media to Teach Behavioral Economics	Salon 7
	Math and Personal Finance for College Students	Salon 8
	It's All About the E: Engaging Practices for the Personal Finance Classroom	Pima
	Teaching Economics through Leonardo DiCaprio Movie Clips	Maricopa
4:30 pm – 5:20 pm	Research Poster Session	Ballroom Foyer
	<b>Tools for Building and Measuring Economic and Financial Literacy</b>	
	Developing a Video-based Tool to Assess Economics Teachers' Practice-Oriented Skills	
	Teaching Comparative Economics 25 Years After the Soviet Collapse	
	The pathway to financial independence: A review of financial literacy programs	
	The truth about economic literacy levels of undergraduate students in South Africa	
	Online Learning: Does Size Matter	
6:30pm – 9:00pm	<b>Friday Night Social for all Attendees</b>	Skyline

# CONFERENCE SCHEDULE OVERVIEW

## SATURDAY, OCTOBER 8

7:00 am – 7:45 am	5K Run	Meet in Lobby
7:45 am – 12:00 pm	Registration	Ballroom Foyer
8:00 am – 9:00 am	Breakfast for International Attendees (by invitation only)	Gila
8:00 am – 9:00 am	Breakfast and Presentation for K-12 Teachers	North Ballroom
8:00 am – 12:00 pm	Exhibit Hall Open	South Ballroom
9:10am – 10:00am	Concurrent Sessions G	
	Online Assessment Center Test Bank	Salon1 Tech Lab
	Economics, Public Policy and Voting in an Election Year	Salon 2
	Understanding Fiscal Responsibility	Salon 3
	Economic Reasoning- A Tool for Analyzing Primary Sources	Salon 4
	Economy Matters & Other New Tools from the Atlanta Fed	Salon 5
	MixItUp! Using Technology Tools to Enhance Learning	Salon 6
	Most Valuable Players (MVPs): Positive Personal Finance and Economics Examples	Salon 7
	Financial Literacy Mobilized & Blended	Salon 8
	Maximizing Partnership Resources	Pima
	Your Piece of the Pie	Maricopa
	International Economic Education at Home and Abroad	Gila
9:10 am– 10:40 am	Research Session #3	Havasupai
	<b>Building Economic Thinking</b>	
	Do Gender and Macroeconomic Indicators Affect Financial Knowledge? Evidence from PISA 2012	
	Development of Economics Thinking in Young Children: Three Case Studies	
	College Students' Impressions of Their High School Personal Finance Experience	
	3 Kumbara Financial Literacy Education Program	
	Constructing a personal finance test	

# CONFERENCE SCHEDULE OVERVIEW

Financial literacy and its correlates: A study of fifteen-year-olds in Oxfordshire and Greater London

10:10 am-11:00 am	<p>Concurrent Sessions H</p> <p>AP Macro Fun &amp; Games</p> <p>ConnectMaster Economics: A Concept-based Approach for Teaching AP/Dual Credit</p> <p>Economic Development: Children's Stories of Change Agents</p> <p>Economics for Heroes</p> <p>iTuning Financial Education</p> <p>Max and Ruby Teach Financial Literacy</p> <p>PLAY! Reawaken Your Inner Child to Engage Students and Help Them Learn</p> <p>Seven Generation Money Management (7G MM)</p> <p>'The Tragedy of the Commons' in Three Acts</p> <p>Utilize NGPF for Curriculum &amp; Teacher Development</p>	<p>Salon 1 Tech Lab</p> <p>Salon 2</p> <p>Salon 3</p> <p>Salon 4</p> <p>Salon 5</p> <p>Salon 6</p> <p>Salon 7</p> <p>Salon 8</p> <p>Pima</p> <p>Maricopa</p>
10:15 am – 11:00 am	<p>Conference Committee Meeting</p>	<p>Executive Boardroom</p>
11:00 am – 12:30 pm	<p>Research Session #4</p> <p><b>Education Intervention</b></p> <p>Assessing Close Reading and Data Analysis Skills in Economic Education</p> <p>Changes in Aptitudes and Attitudes : A Financial Literacy Intervention Experiment</p> <p>Economics Across the Curriculum</p> <p>Connections between Quantitative Reasoning in Mathematics and Financial Literacy</p>	<p>Havasupai</p>
11:10 am – 12:00 pm	<p>Concurrent Sessions I</p> <p>Gen I Revolution</p> <p>Helpful Strategies for Teaching Personal Finance to Special Education Students</p> <p>From the Big Screen to the Classroom: Using Movies to Teach Economics</p>	<p>Salon1 Tech Lab</p> <p>Salon 2</p> <p>Salon 3</p>

# CONFERENCE SCHEDULE OVERVIEW

12:10 pm – 1:00 pm	Teachers' Roundtables & Lunch	
	Elementary	Salon 5
	Middle	Salon 6
	High School	Salon 7
1:10 pm – 2:00 pm	Concurrent Sessions J	
	Virtual Economics 4.5 and EconEdLink	Salon 1 Tech Lab
	Greatest Hits of Rockonomix: Discovering Pop Econ for Your Classroom	Salon 2
2:10 pm – 3:00 pm	Concurrent Sessions K	
	Understanding Fiscal Responsibility	Salon 2
	Host a Shark Tank event in your Community	Salon 3
	Early Childhood Financial Literacy	Salon 4

# CONFERENCE SCHEDULE BY GRADE LEVEL

## ELEMENTARY/ MIDDLE SCHOOL

FRIDAY, OCTOBER 7

8:00AM - 8:50AM	<i>"The Short Seller" - Teaching Financial Literacy Through a Book Study</i>	Pima
10:40AM - 11:30AM	<i>Innovative Financial Education Program for Young Children</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Real Money. Real World. "hands-on learning for teens"</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Sneaking Economics into Story Time: Teaching Economics through Children's Literature</i>	Salon 8
11:40AM - 12:30PM	<i>Engage Your Students with a Classroom Economy</i>	Maricopa
11:40AM - 12:30PM	<i>Teaching Personal Finance Using Children's Literature</i>	Salon 8
2:20PM - 3:10PM	<i>Engaging Mall Simulation for your 3-5th grade classroom</i>	Salon 3
2:20PM - 3:10PM	<i>Learning Economics with Technology: Herschel's World of Economics App</i>	Salon 5
2:20PM - 3:50PM	<i>How Elementary Teachers Use Classroom Mini-Economies When Guided By the C3 Framework</i>	Havasupai
2:20PM - 3:30PM	<i>Hands on Banking</i>	Salon 1 Tech Lab
3:20PM - 4:10PM	<i>Peanut Butter and...Cupcake?</i>	Salon 6
3:20PM - 4:10PM	<i>Engaging Volunteers to deliver real-life economics in the classroom!</i>	Salon 7
4:30PM - 5:20PM	<i>Follow \$martPath to a Fun, Animated, FREE Elementary Resource</i>	Salon 1 Tech Lab
4:30PM - 5:20PM	<i>Creating a Classroom Mini-Economy: Build a Startup Culture in Your Classroom!</i>	Salon 3

# CONFERENCE SCHEDULE BY GRADE LEVEL

## ELEMENTARY/ MIDDLE SCHOOL

SATURDAY, OCTOBER 8

9:10AM - 10:00AM	<i>Your Piece of the Pie</i>	Maricopa
9:10AM - 10:40AM	<i>3 Kumbara Financial Literacy Education Program</i>	Havasupai
9:10 AM - 10:40AM	<i>Development of Economics Thinking in Young Children: Three Case Studies</i>	Havasupai
10:10AM - 11:00AM	<i>Max and Ruby Teach Financial Literacy</i>	Salon 6
11:10AM - 12:00PM	<i>From the Big Screen to the Classroom: Economics Lessons</i>	Salon 3
2:10PM - 3:00PM	<i>Early Childhood Financial Literacy</i>	Salon 4

## HIGH SCHOOL

FRIDAY, OCTOBER 7

8:00AM - 8:50AM	<i>Disciplinary Literacy in Economics</i>	Salon 6
8:00AM - 8:50AM	<i>"Weird" Economics: Using Song Parodies to Teach Economics</i>	Maricopa
8:00AM - 8:50AM	<i>I Choose C: Assessment Beyond Multiple Choice in Economics</i>	Salon 7
8:00AM - 8:50AM	<i>Bringing A Financial Fair To Your School</i>	Salon 5
8:00AM - 8:50AM	<i>Are Your Students College- and Career- Choice Ready?</i>	Salon 4
8:00AM - 8:50AM	<i>Teaching the Economics of Made in America</i>	Salon 8
8:00AM - 8:50AM	<i>Math in the Real World</i>	Salon 3
10:40AM - 11:30AM	<i>Experiential Learning in Personal Finance</i>	Salon 5
10:40AM - 11:30AM	<i>Expanding High School Financial Literacy in Chicago: Sustaining Growth</i>	Salon 4
10:40AM - 11:30AM	<i>Welcome Home: The Key to Home Ownership</i>	Maricopa
10:40 AM - 11:30AM	<i>The Economics of Disasters</i>	Pima
10:40AM - 11:30AM	<i>What do Pirates, The Lorax and Rap Have in Common? Economics, Of Course!</i>	Salon 3

# CONFERENCE SCHEDULE BY GRADE LEVEL

## HIGH SCHOOL

FRIDAY, OCTOBER 7

10:40AM - 11:30AM	<i>The "Consumer Budget Project"...Give the Gift of Insight and Foresight!</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Building Community Partnerships in a Business,Economics and Finance classroom</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Economic Tutoring YouTube Channel - An Open Access Model</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Dr. Seuss and Guns vs. Butter - Exploring Multimedia Lessons on the PPC</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>National Economics Challenge</i>	Ballroom Foyer
11:40AM - 12:30PM	<i>Understanding the AP Tests to Improve your Student's Performance</i>	Salon 4
11:40AM - 12:30PM	<i>How to Be Richer Than Your Parents Using the 5 C's</i>	Salon 3
11:40AM - 12:30PM	<i>Blended Learning in Economics Classrooms</i>	Salon 5
11:40AM - 12:30PM	<i>Better Money Habits</i>	Salon 2
2:20PM - 3:10PM	<i>Empirical Research: Using iPads to Conduct Economic Opinion Surveys</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>Economic Fusion: Using infographics to make connections</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>National Economics Challenge</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>Your Money Track: A Student's Real-Life Guide to Financial Literacy</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>Life Strikes! - Personal Finance Simulation</i>	Salon 6
2:20PM - 3:10PM	<i>Enhancing the High School Economics Course</i>	Salon 2
2:20PM - 3:10PM	<i>What Price is the Right Price? Using NPR to Teach Economics</i>	Salon 4
2:20PM - 3:50PM	<i>Does Mathematics Matter? How Student Perceptions Create Barriers to Economic</i>	Havasupai
3:20PM - 4:10PM	<i>Team-Based Learning: Tools and Techniques to Flip Your Economics Classroom</i>	Salon 4
3:20PM - 4:10PM	<i>Inquiry in Action: Deliberate processes to reduce the Federal Budget.</i>	Salon 3
3:20PM - 4:10PM	<i>Budget Challenge® - Road Test for Personal Finance®</i>	Salon 8

# CONFERENCE SCHEDULE BY GRADE LEVEL

## HIGH SCHOOL

### FRIDAY, OCTOBER 7

3:20 PM - 4:10 PM	<i>YMCA Youth in Government: Adding Economic Thinking</i>	Maricopa
3:20PM - 4:10 PM	<i>Teaching High School Personal Finance: 21st Century Strategies for Technology Integration</i>	Salon 5
3:20 PM - 4:10PM	<i>Election Economics</i>	Salon 2
4:30PM - 5:20PM	<i>Financial Education in Peruvian Secondary Schools</i>	Ballroom Foyer
4:30 PM - 5:20PM	<i>Math and Personal Finance for College Students</i>	Salon 8
4:30PM - 5:20PM	<i>"It's All About the E: Engaging Practices for the Personal Finance Classroom"</i>	Pima
4:30PM - 5:20PM	<i>Teaching Economics through Leonardo DiCaprio Movie Clips</i>	Maricopa
4:30PM - 5:20PM	<i>Keepin' it Reel: Using Popular Media to Teach Behavioral Economics</i>	Salon 7

## HIGH SCHOOL

### SATURDAY, OCTOBER 8

9:10AM - 10:00AM	<i>Economics, Public Policy and Voting in an Election Year</i>	Salon 2
9:10AM - 10:00AM	<i>Economy Matters &amp; Other New Tools from the Atlanta Fed</i>	Salon 5
9:10AM - 10:00AM	<i>MixItUp! Using Technology Tools to Enhance Learning</i>	Salon 6
9:10AM - 10:00AM	<i>Online Assessment Center Test Bank</i>	Salon 1 Tech Lab
9:10AM - 10:40AM	<i>Do Gender and Macroeconomic Indicators Affect Financial Knowledge? Evidence from PISA 2012</i>	Havasupai
10:10AM - 11:00AM	<i>Economics for Heroes</i>	Salon 4
10:10AM - 11:00AM	<i>PLAY! Reawaken Your Inner Child to Engage Students and Help Them Learn</i>	Salon 7
10:10AM - 11:00AM	<i>AP Macro Fun &amp; Games</i>	Salon 1 Tech Lab
10:10AM - 11:00AM	<i>Seven Generation Money Management (7G MM)</i>	Salon 8
10:10AM - 11:00AM	<i>ConnectMaster Economics: A Concept-based Approach for Teaching AP/Dual Credit Curriculum &amp; Teacher Development</i>	Salon 2
10:10AM - 11:00AM	<i>Utilize NGPF for</i>	Maricopa
11:00AM - 12:30PM	<i>Economics Across the Curriculum</i>	Havasupai



# CONFERENCE SCHEDULE BY GRADE LEVEL

## HIGH SCHOOL

### SATURDAY, OCTOBER 8

11:00AM - 12:30AM	<i>Changes in Aptitudes and Attitudes : A Financial Literacy Intervention Experiment</i>	Havasupai
11:00AM - 12:30AM	<i>Connections between Quantitative Reasoning in Mathematics and Financial Literacy</i>	Havasupai
11:10AM - 12:00PM	<i>Helpful strategies for teaching personal finance to special education students</i>	Salon 2
1:10PM - 2:00PM	<i>Greatest Hits of Rockonomix: Discovering Pop Econ for Your Classroom</i>	Salon 2
2:10PM - 3:00PM	<i>Understanding Fiscal Responsibility</i>	Salon 2
2:10PM - 3:00PM	<i>Host a Shark Tank event in your Community</i>	Salon 3

## ALL GRADES:

### FRIDAY, OCTOBER 7

10:40AM - 11:30AM	<i>Modern Cuba at a Crossroads</i>	Salon 7
10:40AM - 11:30AM	<i>Supply &amp; Demand</i>	Salon 6
10:40AM - 11:30AM	<i>E-STEM: Recognizing that Economics is the Engine Driving the STEM Initiative</i>	Salon 1 Tech Lab
10:40AM - 11:30AM	<i>The Fiscal Ship</i>	Salon 2
10:40AM - 11:30AM	<i>Don't Forget It, FIX It: Classroom correction and revision opportunities</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Radical Equations: Seeing Economics and Finlit Education in black &amp; white</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Engaging Personal Finance Students with Student-made Infographics</i>	Ballroom Foyer
10:40AM - 11:30AM	<i>Personal Finance and Economics are Complementary Goods!</i>	Ballroom Foyer
11:00AM - 12:30PM	<i>Measuring the Impact of New State Standards on the Economic Knowledge of Kentucky Teachers</i>	Havasupai
11:00AM - 12:30PM	<i>Prior Online and Blended Experience: Does it Affect Outcomes in a Blended Course?</i>	Havasupai
11:00AM - 12:30PM	<i>Assessing the financial literacy of young adults in Germany</i>	Havasupai
11:00AM - 12:30PM	<i>Do State Education Mandates Effect Student Knowledge of Economics?</i>	Havasupai

# CONFERENCE SCHEDULE BY GRADE LEVEL

## ALL GRADES

FRIDAY, OCTOBER 7

11:40AM - 12:30PM	<i>Use Econ Lowdown Resources to Make It Stick!</i>	Salon 6
11:40AM - 12:30PM	<i>Get Your Questions Answered by the Social Media Geek Squad!</i>	Salon 1 Tech Lab
11:40AM - 12:30PM	<i>My Classroom Economy: Experiential Learning Program</i>	Pima
11:40AM - 12:30PM	<i>Night of the Living Debt: Credit Scores and Zombies!</i>	Salon 7
2:20PM - 3:10PM	<i>Hands on Banking</i>	Salon 1 tech Lab
2:20PM - 3:10PM	<i>Friend-raising and Fundraising with an Elementary Economics Competition</i>	Pima
2:20PM - 3:10PM	<i>Economics, Partnerships, and Really Good Books</i>	Salon 7
2:20PM - 3:10PM	<i>An Online Professional Development Program on Money Creation</i>	Maricopa
2:20PM - 3:10 PM	<i>Behavioral Economics and Personal Finance</i>	Salon 8
2:20PM - 3:10PM	<i>Showcase Students: Partnering to Develop Students' Economic Voices</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>The Brief Case: You can bank on it!</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>Economics and Literature: Strategies for Reaching Across the Aisle</i>	Ballroom Foyer
2:20PM - 3:10PM	<i>Northwest Youth Financial Education</i>	Ballroom Foyer
2:20PM - 3:50PM	<i>Flipping the Econ Classroom: Does it Work?</i>	Havasupai
3:20 PM - 4:10PM	<i>Online Course Opportunity for Elementary Educators for your Center/Council</i>	Salon 1 Tech Lab
3:20 PM - 4:10PM	<i>Economics in Paradise!</i>	Pima
4:30PM - 5:20PM	<i>Online Learning: Does size matter?</i>	Ballroom Foyer
4:30 PM - 5:20PM	<i>The Pathway to Financial Independence: A Review of Financial Literacy Programs</i>	Ballroom Foyer
4:30PM - 5:20PM	<i>The Truth About Economic Literacy Levels of Undergraduate Students in South Africa</i>	Ballroom Foyer
4:30PM - 5:20PM	<i>Teaching Comparative Economics 25 Years After the Soviet Collapse</i>	Ballroom Foyer
4:30PM - 5:20PM	<i>Developing a Video-based Tool to Assess Economics Teacher's™ Practice-oriented Skills</i>	Ballroom Foyer
4:30PM - 5:20PM	<i>Fun, Formative Assessments: Econ Style!</i>	Salon 4
4:30PM - 5:20PM	<i>Graduate Education at University of Delaware: MAEEE and Ph.D. Degrees in Economic Education</i>	Salon 5

# CONFERENCE SCHEDULE BY GRADE LEVEL

## ALL GRADES

### FRIDAY, OCTOBER 9

4:30PM - 5:20PM	<i>Behavioral Economics</i>	Salon 2
4:30PM - 5:20PM	<i>Award Winning Teachers Share Best Practices</i>	Salon 6

## ALL GRADES

### SATURDAY, OCTOBER 8

9:10AM - 10:00AM	<i>Most Valuable Players (MVPs): Positive Personal Finance and Economics Examples</i>	Salon 7
9:10AM - 10:00AM	<i>Financial Literacy Mobilized &amp; Blended</i>	Salon 8
9:10AM - 10:00AM	<i>Maximizing Partnership Resources</i>	Pima
9:10AM - 10:00AM	<i>Economic Reasoning- A Tool for Analyzing Primary Sources</i>	Salon 4
9:10AM - 10:00AM	<i>Understanding Fiscal Responsibility</i>	Salon 3
9:10AM - 10:00AM	<i>International Economic Education at Home and Abroad</i>	Gila
9:10AM - 10:40AM	<i>College Students' Impressions of Their High School Personal Finance Experience</i>	Havasupai
9:10AM - 10:40AM	<i>Constructing A Personal Finance Test</i>	Havasupai
9:10AM - 10:40AM	<i>Financial literacy and its correlates: A study of fifteen-year-olds in Oxfordshire and Greater London</i>	Havasupai
10:10AM - 11:00AM	<i>Economic Development: Children's Stories of Change Agents</i>	Salon 3
10:10AM - 11:00AM	<i>iTuning Financial Education</i>	Salon 5
10:10AM - 11:00AM	<i>'The Tragedy of the Commons' in Three Acts</i>	Pima
11:00AM - 12:30AM	<i>Assessing Close Reading and Data Analysis Skills in Economic Education</i>	Havasupai
11:10AM - 12:00PM	<i>Gen i Revolution</i>	Salon 1 Tech Lab
1:10PM - 2:00 PM	<i>Virtual Economics 4.5 and EconEdLink</i>	Salon 1 Tech Lab

# CONFERENCE SCHEDULE DESCRIPTIONS

## FRIDAY, OCTOBER 7

### CONCURRENT SESSION A | 8:00 AM – 8:50 AM

#### Salon 6

##### Disciplinary Literacy in Economics

This session explores ways teachers can incorporate reading strategies and text-dependent questions into their economics lessons without sacrificing economic concepts and content.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter: Scott Bacon, University of Delaware

#### Maricopa

##### “Weird” Economics: Using Song Parodies to Teach Economics

This paper surveys the complete works of “Weird” Al Yankovic. Since the debut of his first comedy song in 1976, he has sold more than 12 million albums - more than any other comedy act in history - and recorded more than 150 parody and original songs. Yankovic’s latest album, Mandatory Fun, reached #1 in 2014 so his influence is as timeless as ever. This project extends the existing literature on the use of music (and more broadly media) to teach economics by examining song parodies. What we find especially useful about Yankovic’s work is how he regularly transforms the lyrics of hit songs into parodies that have economic messages. We have assembled a database of over 50 of his songs that attendees can use to teach a wide-ranging set of economic topics.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter: G. Dirk Mateer, University of Arizona

#### Salon 7

##### I Choose C: Assessment Beyond Multiple Choice in Economics

We learn more about students’ economic reasoning when we let them explore beyond the ceteris paribus limitation. We will discuss how to formatively and summatively assess students in doing what economists do: analyzing and evaluating policies, reviewing the impact of circumstances on stakeholders and proposing solutions to society’s problems.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus

Presenter(s): Nick Anello, Dave Kush, Homewood Flossmoor High School

#### Pima

##### “The Short Seller” - Teaching Financial Literacy Through a Book Study

Participants will learn how to teach valuable lessons about personal finance through a book study of “The Short Seller” by Elissa Brent Weissman. The book study can be taught in the traditional setting of language arts or through the math class. Participants will be provided with traditional lessons and flipped lessons using Microsoft Office Mix. These flipped lessons are perfect for a math station in a small group or personalized and individualized math class.

**Elementary School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Florence Falatko, Cromwell Valley Elementary School

#### Salon 2

##### Radical Equations: Seeing Economics FinLit Education in Black and White.

This session will make a case for factoring in race when thinking about and planning Economics & Financial Literacy Education. Attendees will also participate in constructing an agenda for how to further diversify the Economics and FinLit Disciplines for students and teachers. Troy Grant is a Social Studies & ESOL teacher in Prince George’s County, Maryland.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Troy Grant, Prince George County

#### Salon 1

##### 1,000 videos for you!

Do you like to show videos to illustrate concepts from class? I have over 1,000 video clips I’d like to share with you. In addition to providing access to them, tips and suggestions for using them will be offered in this session. You’ll also learn how to obtain new ones. You don’t have to have an internet connection in class. The clips can be played as stand-alone files or embedded in PowerPoint.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Joseph Calhoun, Florida State University

## FRIDAY CONCURRENT SESSION A | 8:00 AM – 8:50 AM continued

### Salon 5

#### Bringing A Financial Fair To Your School

Financial reality fairs are a great resource to reinforce personal finance lessons through real life simulations. This session will introduce the topic of hosting a financial reality fair and how to make it successful through community involvement, both in and outside of the school.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Jeffrey Pike, Wahconah Regional High School

### Salon 4

#### Are Your Students College- and Career-Choice Ready?

Learn to teach economic and personal finance concepts while helping your students evaluate their choices for one of the biggest financial decisions they'll face -- what path to pursue after high school. This session will highlight a new lesson from the "Invest in What's Next: Life After High School" online mini-course, as well as other engaging online resources offered by the Federal Reserve Bank of San Francisco.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Lorraine Thayer, Federal Reserve Bank of San Francisco; Nick Haltom, Federal Reserve Bank of Richmond

### Salon 8

#### Teaching the Economics of Made in America

Teachers will acquire NEW hands-on activities from lessons created and classroom tested by multiple teachers and educators. The lessons highlight many of the economic concepts for manufacturing in America. In addition, the lessons and activities from the session will help teachers guide their students to make informed decisions as consumers and recognize the importance of a skilled workforce. Participants in the session will receive complimentary copies of several lessons.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Joseph Feinberg, Georgia State University; Chris Cannon, Georgia Council on Economic Education

### Salon 3

#### Math in the Real World

Many economics and personal finance concepts overlap with math curriculum, but economics and personal finance teachers are not trained to teach complex calculations and formulas, and math teachers may not focus on the personal finance implications. A new CEE online curriculum, Math in the Real World, brings together the expertise of math teachers and economics teachers to create interdisciplinary lessons that teach critical personal finance concepts in the context of math lessons.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Signe Kastberg, College of Education, Purdue University; Bonnie Meszaros, University of Delaware; Mary Suiter, Federal Reserve Bank of St. Louis; Jennifer Davidson, Nebraska Council on Economic Education; Michael Raymer, Georgia Council on Economic Education

## FRIDAY POSTER SESSIONS 1 | 10:40 AM – 11:30 AM BALLROOM FOYER

#### Don't Forget It, FIX It: Classroom correction and revision opportunities

Mistakes are not only a natural part of the learning process, but, as some researchers have suggested, the MOST important part. Correcting mistakes is an essential component of learning yet too often ignored in classrooms. In this session best practices, practical experiences, and researched methodology regarding classroom revision opportunities specific to economics will be analyzed and shared.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Chris Cannon, Georgia Council on Economic Education

#### Engaging Personal Finance Students with Student-made Infographics

Sixty-five percent of students are visual learners; that's why it's easy to engage with student-made infographics. The use of visual learning resources, like infographics, is sure to enhance any personal finance classroom. Through this "low tech, high touch" session, you'll explore how student-made infographics facilitate learning, develop teamwork skills, and encourage creative thinking.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Brent Rempe, WEOKIE Credit Union/University of Oklahoma

#### The "Consumer Budget Project" ...Give the Gift of Insight and Foresight!

Truly prepare your students for a successful future!...and receive parents' heartfelt thanks! Students will buy a house, prepare taxes, obtain a mortgage loan, understand amortization tables, purchase cars, figure auto expenses, project college costs, determine food budgets, buy insurance, furnish their house, create a wardrobe, plan a vacation, calculate social expenditures, and MORE in this comprehensive capstone project that will leave your students feeling independent and prepared for their future! Real classroom examples and step-by-step instructions provided to customize your own classroom plan!

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Jim Lambatos, Wheaton Warrenville South High School

#### Real Money. Real World. "Hands-on Learning" for Teens

Ohio State University Extension's Real Money. Real World. is a hands-on financial literacy experience for young teens. Five classroom lessons and an interactive spending simulation provide the opportunity to make spending choices similar to those of a 27-year-old adult. Post surveys reflect positive change in attitude about: doing well in school and the value of continuing education, planning for needs, wants, and savings, adjusting spending to match income, and delaying having children until financially ready.

**Middle School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Kathy Michelich, The Ohio State University Extension

## FRIDAY POSTER SESSIONS 1 | 10:40 AM – 11:30 AM BALLROOM FOYER continued

### Building Community Partnerships in a Business, Economics and Finance Classroom

This session will give you an overview of how to run a successful mentor-based program in your classroom. Individuals looking to bring community-based instruction, mentors, and internships, to their students will find practical and real examples of how to implement such a program.

With 16 of years' experience running such programs this session will cover how to make community contacts, how to build relationships with businesses and form partnerships. It will also cover how to set up and design interviews and internships in a community based classroom.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Bruce Hoffman, Center for Advanced Research and Technology(CART)

### Economic Tutoring YouTube Channel - An Open Access Model

The purpose of the open access YouTube channel is to engage with the new world of digital technology and to expand open access knowledge in economics. We believe knowledge can only grow with multi-directional discussions. As more online tutorials continue to be created, we would like to open up the dialogue with teachers and students, asking for tutorial topics; allowing for collaboration of the creation of new tutorials. We support the digitization of scientific and cultural knowledge and aim to preserve the openness and accessibility of such knowledge for the widest public benefit.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Alexia Shonteff, Arizona State University; Nancy Roberts, Arizona State University

### Dr. Seuss and Guns vs. Butter - Exploring Multimedia Lessons on the PPC

Deepen your students' understanding of the Production Possibilities Curve with historical and current examples, supplemented with visual aids and short video clips. Explore how to use WWII promotional posters from the U.S. government and political cartoons (drawn by Dr. Seuss!) to better explain the classic "guns vs. butter" tradeoff. More current examples, such as North Korea, will also be discussed. Bring economics, history, and politics together with this lesson!

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Sarah Jenyk, Youngstown State University

### Innovative Financial Education Program for Young Children

An innovative financial education program for early elementary students will be featured and will include a specific financial education curriculum and additional materials for parents. Attendees will learn about effective ways to engage families and communities into financial education of young children.

**Elementary School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Nadia Kardash, University of Kansas; Barbara Phipps, University of Kansas

### Personal Finance and Economics are Complementary Goods!

if you get the title of this workshop, then YOU might be a great candidate to teach personal finance! Earning income, spending, credit, saving and investing are critical components of any personal finance course. What do they have in common? Choice! And what is economics about at its most fundamental level? Choice! Learn how the "economic way of thinking" can lead to good decision-making as the foundation for personal financial literacy.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Susan Doty, The University of Texas at Tyler

### National Economics Challenge

The National Economics Challenge is a fun way for students to flex their intellectual muscle and test their economic knowledge. Competitions are held at the State, National, Semi- Final, and National Final levels for high school students in two divisions: the Adam Smith Division, for advanced placement, international baccalaureate and honors students; and the David Ricardo Division for semester general economics students. Learn more about this program and how to connect with your state Economics Challenge Coordinators today!

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Rosanna Castillo, Council for Economic Education

## FRIDAY CONCURRENT SESSION B | 10:40 AM – 11:30 AM

### Salon 7

#### Modern Cuba at a Crossroads

Ever wonder why your cab driver in Havana, Cuba has a law degree? Ever visit a country that has TWO official currencies? Worried that McDonald's and Starbucks are poised to take over Cuba in the next few years? If so, this session is for you. Participants will hear a first-hand account of numerous economic changes that have occurred in Cuba since the December 2014 announcement of full restoration of diplomatic relations with the United States.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Mike Raymer, Georgia Council on Economic Education

### Salon 5

#### Experiential Learning in Personal Finance

Why is effective financial understanding so tough to teach, and to learn? Because money management for many involves "learning by doing," and young people frequently do not have much chance to build and experience a financial life. Kids just don't have the same financial opportunities as adults. The key to financial literacy and capability in young people, is to provide in the classroom real-life financial opportunities to learn by doing. Experiential learning is an engaging, effective approach to teaching young people to be financially literate. In this session, we will discuss -- and try -- different approaches to financial learning, including salary negotiations, budgeting, credit card management, and investing. Activities that can easily be utilized in the classroom for active, impactful learning will be demonstrated, and tips for their effective implementation in the classroom will be discussed.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Melissa Donohue, Morgan Stanley

**Salon 4**

**Expanding High School Financial Literacy in Chicago: Sustaining Growth**

How can a program maintain its gains and continue to grow in a challenging environment? We will describe challenges and Chicago’s strategies for continued growth. Pairing the Personal Finance Course, a semester-long financial literacy course, with a semester-long Civics course, enlisting counselors and math teachers, and flexible scheduling are several strategies in Chicago.

**High School/K-12 Educators** **Personal Finance**  
 Grade Level/ Audience Focus  
 Presenter(s): Helen Roberts and Joy Joyce, University of Illinois at Chicago

**Salon 8**

**Sneaking Economics into Story Time: Teaching Economics through Children’s Literature**

Elementary students love to be read to, and their teachers love to read to them. Why not use these same stories to teach economics? This session will help teachers integrate economics and math standards into a critical subject they already teach: reading! We’ll use colorful children’s books, cover concepts and definitions, and do participatory lessons that are easily replicated in the classroom, and fun for students and teachers alike.

**Elementary School/K-12 Educators** **Economics**  
 Grade Level/ Audience Focus  
 Presenter(s): Deirdre Calhoun, Civano Community School; Barbara Gray, Thomas R. Brown Foundation

**Maricopa**

**Welcome Home: The Key to Home Ownership**

What does the credit card have to do with buying a house? Lots. Credit decisions “good and bad” impact the ability to buy a home well into the future. By teaching that financial decisions now impact their ability to buy a home or car later, we can enable a future generation of homeowners. The curriculum “Welcome Home” demonstrates credit by developing a student portfolio that is affected by timeliness of assignments, test scores, and participation.

**High School/K-12 Educators** **Personal Finance**  
 Grade Level/ Audience Focus  
 Presenter(s): Sarah Vannatta, EconomicsPennsylvania; Tiffany Harm, EconomicsPennsylvania

**Pima**

**The Economics of Disasters**

While we are told to expect the unexpected in life, many of us fail to prepare adequately for situations that can cause financial devastation. From unforeseen medical expenses to large scale natural disasters, individuals, businesses, and countries struggle to recover from unpredictable events. This session will share a variety of statistics about disasters and recovery, explore the relationship between income and recovery, and explore tools for teaching preparedness strategies to students.

**High School/K-12 Educators** **Economics**  
 Grade Level/ Audience Focus  
 Presenter(s): Sherilyn Narker, Federal Reserve Bank of Atlanta

**Salon 6**

**Demand & Supply**

Affiliates and educators need a proven process for administering the best in-school financial education programs in your state AND winning the support of your most essential advocates – media, funders, government officials, education leaders, students and volunteers. A mutually beneficial model of supply and demand is outlined in this session to enable you to advance student outcomes while cultivating a great base of supporters. You will also learn how SIFMA Foundation programs provide the power to teach about saving and investing, across the curriculum, while creating ready-made opportunities to obtain visibility and recognition of your classroom successes.

**All Grades/Affiliates** **CEE Affiliate Management**  
 Grade Level/ Audience Focus  
 Presenter(s): Melanie Mortimer, Liz Reidel, SIFMA Foundation

**Salon 3**

**What do Pirates, The Lorax and Rap Have in Common? Economics, Of Course!**

The Economics of 18th Century Pirates, The Lorax and Modern Day Rap are effective ways to invigorate the high school economics classroom. Come join us to learn how to entertain and educate your students with lesson plans that use cooperative learning, presentation skills, close reading strategies, music and popular media. We have lesson plans to share with you!

**High School/K-12 Educators** **Economics**  
 Grade Level/ Audience Focus  
 Presenter(s): Jean McKnight Guymon, Cienega High School; Amy Tucker, Pima Partnership Academy

**Salon 2**

**The Fiscal Ship**

Think like a presidential candidate! Choose strategies to keep the federal debt in check as you play The Fiscal Ship. The federal debt is higher than it has been at any point except around World War II. Your mission is to stabilize the debt while simultaneously meeting your policy goals. Make decisions on taxes, spending options, and policy values. To win the game, you need to find a combination of government policies that puts the federal budget--and The Fiscal Ship--on a sustainable course. Good luck!

**All Grades/K-12 Educators** **Personal Finance**  
 Grade Level/ Audience Focus  
 Presenter(s): David Wessel, Hutchins Center on Fiscal & Monetary Policy at The Brookings Institute

**Salon 1 Tech Lab**

**E-STEM: Recognizing that Economics is the Engine Driving the STEM Initiative**

Are you a social studies teacher feeling left out by the surge of emphasis on science, technology, engineering and math? If so, this is the workshop to help you reclaim your rightful place and get your mojo back! Innovation, job creation, economic growth, global trade, competitive positioning, 21st century skills, intellectual property and new product development all have economic foundations. It is economics that drives the STEM initiative!

**All Grades/K-12 Educators** **Economics**  
 Grade Level/ Audience Focus  
 Presenter(s): Susan Doty, The University of Texas at Tyler

## FRIDAY RESEARCH SESSION 1 | 11:00 AM – 12:30 PM HAVASUPAI

### Measuring the Impact of New State Standards on the Economic Knowledge of Kentucky Teachers

The Kentucky Department of Education is developing new social studies standards with implementation scheduled for 2016-17. This presents an opportunity to assess teachers' content knowledge prior to the implementation of the new standards. We are administering the Test of Economic Literacy to teachers online during 2016 and will use the results to obtain a baseline measure of the level of economics knowledge and to evaluate knowledge by concept to identify particular areas where knowledge may be better or worse than average. The results will allow us to tailor training and education to areas that will provide the most help for Kentucky teachers as they implement new standards.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Cynthia Harter, Eastern Kentucky University; Erin Yetter, Federal Reserve Bank of St. Louis- Louisville Branch	

### Prior Online and Blended Experience: Does it Affect Outcomes in a Blended Course?

Outcomes from a blended course in introductory statistics are assessed within the context of students' prior experience with online and blended courses. When the full sample of students is used, we find no effect upon performance from prior online and blended experience. However, when the transfer status and zones of grade point averages are considered, we find evidence that prior online and blended experience does affect performance for a subgroup of students.

<b>All Grades/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Carlos J. Asarta, University of Delaware; James R. Schmidt, University of Nebraska - Lincoln	

### Assessing the Financial Literacy of Young Adults in Germany

In the summer of 2015 we adapted CEE's Test of Financial Literacy (TFL, Walstad & Rebeck, 2015) into German. The adaptation process indicated differences in financial concepts between Germany and the United States. We present results from a sample of 1200 young adults. Findings indicate that particularly young adults with a migration background have a low level of financial literacy. We will discuss reasons for this phenomenon and provide implications for improving this situation.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Roland Happ, Johannes Gutenberg University Mainz; Manuel Forster, Johannes Gutenberg-University Mainz	

### Do State Education Mandates Affect Student Knowledge of Economics?

As the recent study by Urban et al. (2015) suggests, simply comparing mandated to non-mandated student scores is probably not the best representation of the true effect of financial education mandates because of differences in timing and scope of implementation. Therefore, in this study I employ a similar methodology by comparing scores on the 2006 and 2012 Economics NAEP in three states: Arizona, Indiana, and Michigan to examine the effect of state mandated economics education.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Erin Yetter, Federal Reserve Bank of St. Louis - Louisville Branch	

## FRIDAY CONCURRENT SESSION C | 11:40 AM – 12:30 PM

### Maricopa Engage Your Students with a Classroom Economy

Learn how to engage your elementary students in a classroom economy, where students apply their mathematical and critical thinking skills while learning basic economic concepts. This session describes how to construct a classroom economy where students have jobs, get paid, and experience the effects of inflation, unemployment, and taxes in the marketplace.

<b>Elementary School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Alissa White, Chesterfield Day School	

### Salon 4 Understanding the AP Tests to Improve Your Students' Performance

Every May, thousands of students take the AP tests in Macroeconomics and Microeconomics. This session will provide samples, ideas and techniques which will improve AP teachers' understanding of the tests and their ability to prepare their students to do well on the tests. Veteran AP graders will demonstrate effective teaching methods and help participants work on AP free-response and multiple-choice questions.

<b>High School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Bruce Damasio, Maryland Council on Economic Education; Gary Stone, Winthrop University	

### Salon 3 How to Be Richer Than Your Parents Using the 5 C's

Anne Guerrant is a former internationally top ranked professional tennis player. She will show you how to teach junior high and high school kids about the 5 C's. In only one class period students can learn how to be much richer than their parents and even become wealthy by doing things that are well within their control.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Anne Guerrant, Guerrant Foundation	

### Salon 8 Teaching Personal Finance Using Children's Literature

Students can learn valuable life lessons concerning earning, saving, spending, and decision-making while reading some outstanding children's chapter books. Some of the featured titles include: "The Lemonade War", "Lawn Boy", "How to Steal a Dog", and Katherine Applegate's new book "Crenshaw". This session includes copies of classroom-ready lessons and door prizes.

<b>Elementary School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Lynne Stover, James Madison University	



## FRIDAY CONCURRENT SESSION C | 11:40 AM – 12:30 PM continued

### Salon 6

#### Use Econ Lowdown Resources to Make It Stick!

Don't let your insightful instruction go in one ear and out the other. Make it stick! Join us and implement practical, research-supported methods to engage students and help them better retain what they learn. We'll share FREE Econ Lowdown materials to help you carry out the active learning strategies in your economics and personal finance classrooms. Resources for a variety of topics at all age levels will be shared.

<b>All Grades/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Andria Matzenbacher, Federal Reserve Bank of St Louis; Kris Bertelsen, Federal Reserve Bank of St Louis- Little Rock Branch	

### Salon 5

#### Blended Learning in Economics Classrooms

This session offers participants a look at an innovative way to use differentiated instruction and blended learning together in the classroom to improve student learning. The method used by the instructors allows for the faster students to work ahead and not be held back, the slower students to work at their own pace and better understand materials, and frees up the teacher to help each student much more often. Also, participants will be introduced to several blended learning apps and games to enhance student engagement in a BYOD or 1:1 environment.

<b>High School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Nick Anello and Dave Kush, Homewood Flossmoor High School	

### Salon 1 Tech Lab

#### Get Your Questions Answered by the Social Media Geek Squad!

Do you wonder about Twitter hashtags? Are you uncertain about who can see your Facebook posts? If so, this session is for you! We will review some social media basics and then let you work with our Social Media Geek Squad to get your questions answered. Bring your best questions or drop-in to volunteer and lend us your expertise using Pinterest, Twitter, Facebook, Instagram and YouTube for the classroom and beyond.

<b>All Grades/Affiliates</b>	<b>CEE Affiliate Management</b>
Grade Level/ Audience	Focus
Presenter(s): Kim Holder, University of West Georgia; Rita Littrell, University of Arkansas; Mary Suiter, Federal Reserve Bank of St. Louis; Nancy Lang, Northern Kentucky University; Jeff Sanson, Indiana Council for Economic Education	

### Salon 7

#### Night of the Living Debt: Credit Scores and Zombies!

In a post apocalyptic world, credit and credit payments have taken on the form of zombies. In this brand new iOS app students will learn how to maintain good credit while balancing savings and expenses. The cartoon-like zombies are playfully used as a metaphor for illustrating the pros and cons of debt decisions. The app is free and comes with an instructor's guide that outlines methods for group play as well as individual student learning.

<b>All Grades/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Luke Erickson, University of Idaho Extension; Lyle Hansen, University of Idaho Extension	

### Salon 2

#### Better Money Habits

This workshop will introduce you to resources and strategies for teaching middle and high school students to navigate important life events such as renting an apartment and buying a car. These practical, standards-aligned personal finance lessons connect videos from "Better Money Habits" to activities from CEE's award-winning Financial Fitness for Life curriculum and cover topics such as budgeting, saving, credit, debt, and meeting financial goals.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Amy Lee, Oklahoma Council on Economic Education; Sue Lynn Sasser, University of Central Oklahoma	

### Pima

#### My Classroom Economy: Experiential Learning Program

What if all graduating students knew how to budget, how to save more than they spend, and how to resist impulse buying? What if they truly had the skills to be smart with their money? And what if they began learning these skills in elementary school?

My Classroom Economy enables any educator to teach children financial responsibility through fun, experiential learning. It's a simple classroom economic system based on the idea that students need to earn school "dollars" so that they can rent their own desks. The program is designed to overlay "not interrupt" a classroom curriculum, and connects to many of the Common Core Standards. It is customized by grade level, instills financial responsibility, and the value of delayed gratification. Everything needed to simulate a micro-economy is available on this site for free.

<b>All Grades/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Lacie Dalton, Vanguard	

## FRIDAY CONCURRENT SESSION D | 2:20 PM – 3:10 PM

### Pima

#### Friend-raising and Fundraising with an Elementary Economics Competition

The Meaningful Economics (ME) Competition is a one day fun-packed, high-energy elementary competition filled with hands-on learning opportunities in economics, entrepreneurship and personal finance. Sample schedules and activities as well as ideas from the University of Delaware Center for Economic Education and Entrepreneurship and the Oklahoma Council on Economic Education about friend-raising and fundraising with ME will be shared. This workshop will simulate the three components of ME: a production activity, an academic test, and a problem-solving activity. ME can be implemented by anyone interested in engaging elementary students with economic concepts whether council, center, school, or classroom-based.

<b>All Grades/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Amy Lee, Oklahoma Council on Economic Education; Bonnie Meszaros, University of Delaware; Brent Remppe, WEOKIE Credit Union/University of Oklahoma	

**Salon 7**

**Economics, Partnerships, and Really Good Books**

Partnerships are resource multipliers! Join us to learn how one of the larger school districts in Arkansas brings together Economics Arkansas, the Federal Reserve Bank of St. Louis, a local library, and economic specialists to provide district teachers with hands-on professional development and the materials to replicate the lessons in their classrooms. An overview of the one-day professional development and economic lessons, using really good children's literature books, will be demonstrated. A LiveBinder will be provided to participants.

<b>All Grades/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Jennifer Taunton, Economics Arkansas; Jo Vanderspikken, Springdale School District	

**Salon 6**

**Life Strikes! - Personal Finance Simulation**

Teach personal finance through the use of a practical, reality-based game in which students learn how to budget, solve problems, and cope with the realities and choices people face every day.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Tom Cook, Granville County Schools	

**Maricopa**

**An Online Professional Development Program on Money Creation**

Learn about the Philly Fed's new online professional development program on money creation. Built around the "Case of the Gigantic \$100,000 Bill" lesson, this online module is available to educators nationwide. Session participants will learn about the features of the program, see a demonstration of the learning management system and course videos, and get suggestions for starting their own online professional development offering.

<b>All Grades/Affiliates</b>	<b>CEE Affiliate Management</b>
Grade Level/ Audience	Focus
Presenter(s): Andrew Hill, Federal Reserve Bank of Philadelphia	

**Salon 2**

**Enhancing the High School Economics Course**

Today millions of students take a high school economics course, many of them at the Advanced Placement level. To enhance the growth and effectiveness of the high school economics course, the curriculum, pedagogy, and teacher training must continue to evolve. In this session, experienced economic educators will discuss new technologies, interactive activities, and a teacher-training program to strengthen the high school economics course.

<b>High School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): John Morton, Arizona Council on Economic Education; Neal Barnett, BASIS Flagstaff; Derek D'Angelo, Michigan Council on Economic Education; Tawni Ferrarini, Northern Michigan University; Barbara Gray, Thomas R. Brown Foundation	

**Salon 4**

**What Price is the Right Price? Using NPR to Teach Economics**

The objective of this session is to demonstrate simple ways of using free downloads from NPR to take into the classroom and demonstrate how economics is in everyday life. The session will begin with a demonstration of a lesson from High School Economics, Activity 5.2: "An Altruistic Musician Is a Scalper's Dream." Teachers will also get an original lesson about the "Planet Money T-Shirt Project" based on supply, production costs, the circular flow of goods and services, and globalization. This session will also feature Activity 6.2 "Two Perspectives on Sweatshops" from Teaching Ethical Foundations of Economics as well as other stories from NPR.

<b>High School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Mandi Hering, Ironwood Ridge High School	

**Salon 8**

**Behavioral Economics and Personal Finance**

Our presentation explains how behavioral economics can be used to tackle the current state of Millennial and Youth personal financial education. Through interactive games and supporting literature, we present and propose choice architecture solutions to mental biases linked to poor financial decision-making. We also provide highlights of PwC's firm-wide youth education initiative, Earn Your Future, which includes curriculum that can be utilized by financial educators to educate youth and counter prevalent biases.

<b>All Grades/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Ryan Decker, PwC; Alper Ozgit, PwC	

**Salon 3**

**Engaging Math Simulation for Your 3-5th Grade Classroom**

Want a way to introduce decimals, multiples, and basic percents? Want an activity to keep your math students engaged for a full week while teaching basic money exchange principles? Just want to have some fun? This mall simulation helps your students add decimals, figure out 10%, work as a team, give proper change, keep a balance, learn about basic ATM/bank operations, and provide good customer service. Great for teaching life skills!

<b>Elementary School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Deirdre Calhoun, Civano Community School	

**Salon 5**

**Learning Economics with Technology: Herschel's World of Economics App**

Looking for resources to use in 1:1 learning environments? In this session, we will explore the new Herschel's World of Economics iPad app and companion website and videos. This technology-enhanced strategy will help teach economics to your elementary students. Participants will learn about online resources for lessons, simulations, and content as well as teaching ideas that effectively use laptop and tablet devices.

<b>Elementary School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Jeff Sanson, Indiana Council for Economic Education	

## FRIDAY CONCURRENT SESSION D | 2:20 PM – 3:10 PM continued

### Salon 1 Tech Lab

#### Hands on Banking

Teachers will explore the Hands on Banking online program that's aligned with national and state standards for mathematics, economics and personal finance. Experience how you can help your students sharpen their personal finance skills for a brighter financial future. You'll also learn about a free, non-commercial documentary film and supporting curriculum to support first generation college students and scholarships to help attain this goal.

**Middle School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Heather Benedict, Wells Fargo

## FRIDAY POSTER SESSIONS 2 | 10:40 AM – 11:30 AM BALLROOM FOYER

### Showcase Students: Partnering to Develop Students' Economic Voices

We will describe and show examples from 3 sets of new partnerships in Chicago: Entrepreneurship Day (entrepreneurship, elementary), Money Fair (new regional event, middle school, partnering with Canadian Foundation for Economic Education), and after-school high school students mentoring younger students. These initiatives give elementary, middle, and high school students skills and experience researching, advocating, and communicating about economic and financial topics.

**All Grades/Affiliates** **CEE Affiliate Management**  
Grade Level/ Audience Focus  
Presenter(s): Helen Roberts and Joy Joyce, University of Illinois at Chicago

### Your Money Track: A Student's Real-Life Guide to Financial Literacy

Place your students on the right financial track with web-based mock situations, interactive real-life choices and educator customized scenarios. They will learn to manage their own virtual household including employment, family dynamics, banking, loans, interest rates, credit cards, debt, fluctuating expenses and credit scores.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Steven Austin, RealTalk Financial; Alexis Collins, RealTalk Financial

### The Brief Case: You Can Bank on It!

Looking for a way to expand programming? Our partnership with the Pennsylvania Bankers Association enabled us to create a one-day conference-style workshop for students where they attend sessions with local business leaders and educators, and then participate in a scholarship competition. Learn how to enlist the local community to gain place-based sponsorship and create a scholarship program, all while engaging students in economic education in a fun one-day competition. Interactive session--bring your own device.

**All Grades/Affiliates** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Sarah Vannatta, EconomicsPennsylvania; Tiffany Harm, EconomicsPennsylvania

### Empirical Research: Using iPads to Conduct Economic Opinion Surveys

Project-based learning and iPads are transforming the classroom experience. In this session, participants will learn how iPads can be used as powerful data collection tools. By designing surveys and leaving the classroom to collect data, students gain practical, hands-on experience. We will discuss app selection, survey design, project deployment, and data analysis. Results from four iPad-based surveys will be shared, including data collected on economic literacy.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): John Zinn, University of Richmond

### Economics and Literature: Strategies for Reaching Across the Aisle

For many teachers there is a rarely-traversed gulf between Economics and Language Arts or Literature. This is a missed opportunity. Economics and Literature will provide teachers of multiple disciplines with a brief foundation of the rationale between mingling the subjects, ready-to-use activities and lesson plans, and a look at three texts (one middle school, one high school, and one for either) and how they can be employed to bridge this divide.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Joshua Dalton, Desert Christian High School

### Economic Fusion: Using Infographics to Make Connections

Infographics increase visual literacy and help students make connections between information and images. This session explores strategies to incorporate infographics and the economic concepts into any classroom.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Julie Kornegay, Federal Reserve Bank of Atlanta - Birmingham Branch

### Northwest Youth Financial Education

The Northwest Youth Financial Education initiative has begun to develop interactive digital games that are proven to get and keep the attention of students in a classroom. Most games are designed to be used by non-experts who simply facilitate the digital game as your classroom of students engage in a memorable and effective learning experience.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Luke Erickson, University of Idaho Extension; Lyle Hansen, University of Idaho Extension

### National Economics Challenge

The National Economics Challenge is a fun way for students to flex their intellectual muscle and test their economic knowledge. Competitions are held at the State, National, Semi- Final, and National Final levels for high school students in two divisions: the Adam Smith Division, for advanced placement, international baccalaureate and honors students; and the David Ricardo Division for semester general economics students. Learn more about this program and how to connect with your state Economics Challenge Coordinators today!

**High School/K-12 Educators** **CEE Affiliate Management**  
Grade Level/ Audience Focus  
Presenter(s): Rosanna Castillo, Council for Economic Education

## FRIDAY RESEARCH SESSION 2 | 2:20 PM – 3:50 PM HAVASUPAI

### Flipping the Econ Classroom: Does it Work?

The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. This paper examines the effectiveness of such an approach by comparing outcomes in identical microeconomics courses offered by the same instructor, half of which were “flipped” over a period of two semesters while the remaining courses were delivered in the traditional format (“non-flipped”). The costs and benefits of each approach are analyzed and then compared.

**All Grades/Affiliates** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Todd Broker, Murray State University

### Does Mathematics Matter? How Student Perceptions Create Barriers to Economics

We explore the relationship between student perceptions regarding their mathematical ability, i.e. “mathiness”, and the impact of perceptions on performance in economics courses. Economics, relative to other disciplines, requires a level of mathematical proficiency that often triggers anxiety and resistance in students. Our study is based upon prior research that established a link between quantitative skills and economics, and extends it by including self-identified perceptions of “mathiness” as a factor in student performance.

**High School/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Kim Holder, University of West Georgia; Abdullah Al-Bahrani, Northern Kentucky University

### Leonardo DiCaprio as an Example of The Economic Man

This descriptive case study explains how Leonardo DiCaprio can be used as an example of the “Economic Man.” The “Economic Man” is a hypothetical illustration meant to represent choices made by all participants in perfectly competitive markets. Recognizing that the idea of an “Economic Man” has been criticized roundly for ethical, political, moral, and theological reasons, DiCaprio’s individual choices consistently appear to be those of a rational and self-serving “Economic Man.”

**High School/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Mary Beth Henning, Northern Illinois University; Tammy Batson, Northern Illinois University

### How Elementary Teachers Use Classroom Mini-Economies When Guided by the C3 Framework

The C3 Framework prescribes a method of inquiry-based social studies teaching championed by the National Council for the Social Studies. This study uses qualitative research methods to analyze how practitioners use the C3 Framework to teach K-5 economics. The study finds that instructional materials in economics should be focused on the clear use of evidence and data sources if they are to maintain a high profile relative to history and other social studies disciplines.

**Elementary School/Affiliates** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Stephen Day, Virginia Commonwealth University

## FRIDAY CONCURRENT SESSION E | 3:20 PM – 4:10 PM

### Salon 4

#### Team-Based Learning: Tools and Techniques to Flip Your Economics Classroom

The team-based learning (TBL) approach to flipping the classroom motivates students to prepare well for class and uses class time for intense student team work to master and apply course material. More passive activities and student work that can better be accomplished individually are assigned as pre-work (homework). Engage in the TBL approach while learning how to apply TBL to your economics classroom.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Brent Rempe, WEOKIE Credit Union/University of Oklahoma

### Salon 3

#### Inquiry in Action: Deliberative Processes to Reduce the Federal Budget.

AP Government and AP Macroeconomics teachers share effective methods to facilitate deliberative processes and application of democratic strategies and procedures to address concerns related to the federal budget.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Sandra Wright, Adlai E. Stevenson High School; Michelle Stone, Adlai E. Stevenson High School

### Salon 8

#### Budget Challenge® - Road Test for Personal Finance

Budget Challenge is an award winning personal finance simulation that recreates the experience of managing a household budget using a competition-style “learning by doing” approach integrated with modern technology. H&R Block sponsored competitions include student scholarships and prizes!

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Noelle Gray and David Buten, Budget Challenge®

### Salon 6

#### Peanut Butter and...Cupcake?

Are your students participating in the business development component of Mini Society and struggling to understand the concepts of complements and substitutes? Come see how to teach these concepts in a fun and interesting way through literature! Participants will be guided through a lesson based on the story “Peanut Butter and Cupcake”, partake in a hands-on learning activity, and receive a copy of the lesson. Copies of the book will be raffled off as prizes!

**Elementary School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Erin Yetter, Federal Reserve Bank of St. Louis - Louisville Branch; Bonnie Meszaros, University of Delaware

## FRIDAY CONCURRENT SESSION E | 3:20 PM – 4:10 PM continued

### Salon 1 Tech Lab

#### Online Course Opportunity for Elementary Educators for Your Center/Council

This session will show how councils and centers can add to their teacher training using a new, inexpensive, state-of-the-art, fully online course, "Teaching Personal Financial Literacy in the Elementary Grades", created by the Colorado Council (founding sponsor: Great-West Financial). Based on national PFL standards, this 6-module, 30-hour course can be branded for your council/center and includes: filmed classroom demonstrations of lessons from Financial Fitness for Life, 31 intro videos (<http://learnPFL.com>), lectures, assessments and much more.

#### All Grades/Affiliates Personal Finance

Grade Level/ Audience Focus  
Presenter(s): Debbie Pierce, Colorado Council for Economic Education; Teresa Yohon, Colorado Council for Economic Education

### Maricopa

#### YMCA Youth in Government: Adding Economic Thinking

Youth in Government is a YMCA model government program focused on policy decisions at the state level. In St. Louis, the YMCA has broadened the scope of this program to include local government. In this session, you will see how the St. Louis Fed and the St. Louis YMCA have enhanced this program by educating students on government financing and the trade-offs communities face in providing services and amenities.

#### High School/Affiliates Economics

Grade Level/ Audience Focus  
Presenter(s): Barbara Flowers, Federal Reserve Bank of St. Louis; Alan Ernst, Federal Reserve Bank of St. Louis

### Pima

#### Economics in Paradise!

Deserted islands and extreme survival scenarios (think Tom Hanks in Castaway) magnify the basic economic problem, scarcity! Fun activities and video clips bring fundamentals to life: scarcity, productive resources, specialization, and trade. Work with a team to survive on a deserted island, play along to build your own texting & push-ups production possibilities curve. Looking for activities for your classroom or ideas for a teacher workshop? This session has it all. Bring your piña coladas and sunglasses!

#### All Grades/K-12 Educators Economics

Grade Level/ Audience Focus  
Presenter(s): Debbie Henney, Mesa Community College; Krystal Slivinski, Grand Canyon University

### Salon 7

#### Engaging Volunteers to Deliver Real-life Economics in the Classroom!

Looking for an engaging volunteer opportunity that aligns with your mission and provides a hands-on approach for donors, board members, local business and community stakeholders to make a direct and lasting impact on teens? Join CHOICES Education Group as they share how the CHOICES Program has impacted over 6,000,000 middle school students focusing on the importance of investing in human capital, weighing costs and benefits of decision making skills and more. A growing number of Councils have adopted CHOICES in their state, led by Economics Arkansas - come and see why!

#### Middle School/K-12 Educators Economics

Grade Level/ Audience Focus  
Presenter(s): Leo Muller, CHOICES Education Group

### Salon 5

#### Teaching High School Personal Finance: 21st Century Strategies for Technology Integration

As educators, we understand the value and importance of equipping students to become financially capable and well-informed citizens. With the rapid advancements in technology innovation, we want to ensure that students are prepared for college and career with 21st century skills that foster collaboration and real-world problem solving. Teachers from Chicago Public Schools will share and model 21st century strategies for technology integration to support the teaching and learning of personal finance.

#### High School/K-12 Educators Personal Finance

Grade Level/ Audience Focus  
Presenter(s): Susanne Vasilić, Virtual Public School

### Salon 2

#### Election Economics

"It's the economy, stupid." It is election time and this workshop will illustrate how economists look at elections. Lessons address why people vote, how futures markets can predict elections better than polls, and hot-button issues in this year's election. The workshop includes up-to-date information and fun simulations. This workshop will provide ready-to-go lessons you can easily teach in your classroom right away!

#### High School/K-12 Educators Economics

Grade Level/ Audience Focus  
Presenter(s): Brett Burke, Florida Atlantic University

## FRIDAY CONCURRENT SESSION F | 4:30 PM – 5:20 PM

### Salon 8

#### Math and Personal Finance for College Students

Many college students lack financial literacy; and higher education officials are often looking for ways to educate their students about personal finance concepts. For the first time in their lives, a significant number of college students are expected to manage their own finances yet lack knowledge about budgeting, establishing good credit, paying off student loan debt, avoiding identity theft and fraud, and learning the importance of saving and investing while they are still young. So, how can economics and personal finance educators help solve this problem? The Council for Economic Education and other groups have developed readily available lessons that use math concepts to help teach financial issues and are appropriate for college students. Therefore, an opportunity exists for economics and financial educators to offer their expertise to local colleges and universities that might like to see how math and personal finance can be used to help their students learn important financial life skills.

#### High School/Affiliates Personal Finance

Grade Level/ Audience Focus  
Presenter(s): Allen Cox, Maryland Council on Economic Education

### Salon 4

#### Fun, Formative Assessments: Econ Style!

"Skedaddle" on over to this session to experience fun, quick easy formative assessment to use in your K-12 classroom. Activities include: "Chain Reaction," "Zap," "Uh-Oh!", "Kahoot" and "Pass the Chicken" to name a few. Don't miss out! All attendees will receive a LiveBinder of ready to use resources!

#### All Grades/Affiliates Economics

Grade Level/ Audience Focus  
Presenter(s): Marsha Masters, Economics Arkansas

**Pima**

**It's All About the E: Engaging Practices for the Personal Finance Classroom**

Take Charge Today's National Master Educator Team is onsite and ready to share best practices and strategies that are ideal for teaching any personal finance topic. Join us for some "Round Robin Fun" as we model lessons and engage you with our highly regarded Active Learning Tools. You'll walk away with some hands on learning strategies you can take home and use in your classroom next week!

**High School/K-12 Educators** **Personal Finance**

Grade Level/ Audience Focus

Presenter(s): Lisa Bender, Take Charge Today University of Arizona; Robin Palmer, Take Charge Today University of Arizona; Megan Sudak, Take Charge Today University of Arizona

**Salon 5**

**Graduate Education at University of Delaware: MAEE and Ph.D. Degrees in Economic Education**

This session will highlight two economic education graduate programs offered at the University of Delaware: the Master of Arts in Economics and Entrepreneurship for Educators and the Ph.D. in Economic Education. Additionally, the session will provide participants with information on how to apply and receive scholarship funding. This session should be of interest to economic educators interested in furthering their education and exploring their leadership potential.

**All Grades/K-12 Educators** **Economics**

Grade Level/ Audience Focus

Presenter(s): Carlos J. Asarta, University of Delaware; Bonnie T. Meszaros, University of Delaware; Andrew T. Hill, Federal Reserve Bank of Philadelphia

**Salon 1 Tech Lab**

**Follow SmartPath to a Fun, Animated, FREE Elementary Resource**

SmartPath is a teacher-led, all-in-one resource for elementary teachers who want to engage their students in a fun, online experience. SmartPath combines economics and personal finance, math, and ELA--all in a contained block of lessons. Animated characters create a story arc throughout the lessons and are intermixed with class discussions and more traditional hands-on activities. Online assessments that are specifically tied to standards are part of the resource. SmartPath is truly a revolutionary way to approach economic and financial literacy--and it's FREE!

**Elementary School/K-12 Educators** **Personal Finance**

Grade Level/ Audience Focus

Presenter(s): Julie Heath, University of Cincinnati

**Maricopa**

**Teaching Economics through Leonardo DiCaprio Movie Clips**

The activities modeled in this presentation revolve around Titanic to teach scarcity and income inequality, Basketball Diaries to teach rational choices and inelasticity of demand, Aviator to teach risk and reward along with entrepreneurship, Catch Me If You Can to teach the monetary system and security, and finally Wolf of Wall Street to teach markets and conspicuous consumption. Come experience movie clips and lessons related to films fertile for discussing economics.

**High School/K-12 Educators** **Economics**

Grade Level/ Audience Focus

Presenter(s): Mary Beth Henning, Northern Illinois University; Tammy Batson, Northern Illinois University

**Salon 7**

**Keepin' it Reel: Using Popular Media to Teach Behavioral Economics**

This paper outlines the case for including behavioral economics as part of standard economics and personal finance courses and proposes a pedagogical tool (film clips), for doing so. The manner in which economics is taught continues to focus almost entirely on rational decision makers and to rely extensively on a pedagogical model that assumes the same kind of assimilation and processing of information. Students are likely to recall economic content better when that content is presented as a narrative (or story) than when it is couched in abstract models. Film is one of the most evolved forms of storytelling and its use (and other media) has been found to enable an entire cohort of learners to master a concept more quickly. The paper presents a database of over 50 short scenes which may be used as jumping off points for instructors who wish to develop a more nuanced understanding of economic behavior among their students. These clips resonate with students and help them appreciate how and why people make the choices they do.

**High School/K-12 Educators** **Economics**

Grade Level/ Audience Focus

Presenter(s): Charity-Joy Acchiardo, University of Arizona; Marie Briguglio, University of Malta; G. Dirk Mateer, University of Arizona

**Salon 3**

**Creating a Classroom Mini-Economy: Build a Startup Culture in Your Classroom!**

This presentation will introduce teachers to a series of free, online, easy-to-use activities and suggested lessons that build toward a coherent student project goal: the creation of flourishing classroom businesses. Rubrics are included that teachers can use to assess student learning, and activities are carefully chosen to address concepts in economics, personal finance, Language Arts, and math.

**Elementary School/K-12 Educators** **Economics**

Grade Level/ Audience Focus

Presenter(s): Stephen Day, Virginia Commonwealth University

**Salon 2**

**Behavioral Economics**

Findings from behavioral experiments often illustrate how supposedly rational decision makers behave in less than rational ways. Explore a new set of lessons that looks at concepts such as the anchoring effect, default bias, endowment effect, fairness, and present bias.

**All Grades/K-12 Educators** **Research**

Grade Level/ Audience Focus

Presenter(s): William Bosshardt, Center for Economic Education, Florida Atlantic University Department of Economics; Andrea Caceres-Santamaria, College of Business, Florida Atlantic University

**Salon 6**

**Award Winning Teachers Share Best Practices**

Learn ideas and best practices from teachers who instill in students an understanding of economics and the tools to make informed and responsible decisions that they will carry with them as they grow into successful and productive adults. Attendees will hear from winners of the 2015 Alfred P. Sloan Foundation Teaching Champion Awards and the CEE National Teaching Awards - The John Morton Excellence in the Teaching of Economics Awards.

**All Grades/K-12 Educators** **Economics**

Grade Level/ Audience Focus

Presenter(s): Alexis Andrews, Council for Economic Education; Amy Geffen, Council for Economic Education; Gina Boyd, Mayflower Mill Elementary; Jacob Clifford, San Pasqual High School; Patricia Dennis, Sonora Middle School; Theresa Fischer, Ridgefield High School; Jonathan Joseph, White Plains High School; Gloria Schneider, SAR High School

## FRIDAY RESEARCH POSTER SESSION | 4:30 PM – 5:20 PM BALLROOM FOYER

### Online Learning: Does Size Matter?

Online learning platforms and “flipped” teaching strategies have changed the way professors, teachers, and students think about content delivery. However, does the size of the treatment matter? Are longer modules better than shorter modules? This study measures achievement and completion rates of two economic education online learning modules, and then compares these results to achievement and completion rates of the same treatment delivered in smaller doses.

<b>All Grades/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Scott Wolla, Federal Reserve Bank of St. Louis	

### The Pathway to Financial Independence: A Review of Financial Literacy Programs

The purpose of this study is to identify to what extent financial education in school improves the financial literacy of young people. A broad definition of “financial literacy” was used for this review, which impacts financial knowledge, skills, attitudes and/or behaviors among the young in educational setting. We undertook an exhaustive search of the literature on financial literacy and financial education programs or interventions. We describe the effectiveness of financial literacy and financial education programs or interventions among the young. Furthermore, the key characteristics of the pedagogical design of a successful financial education-curriculum are described. The findings may be useful for designing an effective curriculum.

<b>All Grades/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Aisa Amagir, Amsterdam University	

### The Truth About Economic Literacy Levels of Undergraduate Students in South Africa

Daily, we as individuals are confronted with increasing food prices, unemployment and low wages, but it seems that most people are unfamiliar with basic economic concepts and lack a clear understanding of how the economy influences their lives. This points to a need for more economics education; however, to address this, we first need a test of economic literacy. This paper outlines the development of such a test for South African students.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Alicia Fourie, North West University	

### Teaching Comparative Economics 25 Years After the Soviet Collapse

Twenty-five years after the collapse of the Soviet Union, we reflect on contemporary teaching of undergraduate comparative economic systems (CES). We consider how the field responded to the collapse by examining CES textbooks from the 1980s, 1990s, and 2000s. We also consider how the dissolution of the Soviet Union affected economics course offerings at the undergraduate level. Based on our findings, we suggest two strategies for re-imagining CES for the 21st century.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Alexander Kovzik, University of Wisconsin Oshkosh	

## Developing a Video-based Tool to Assess Economics Teachers' Practice-oriented Skills

Prospective teachers of economics have to be well prepared for the complexity, multidimensionality, and genuineness of real teaching situations. Although this is an international issue in economics education, there appears to be a deficit of appropriate tools for this purpose. To remedy this deficit and, thus, to foster prospective teachers' practice-oriented skills, we developed a new video-based tool containing 18 genuine teacher-student classroom interactions about internationally shared core concepts in economics and validated it comprehensively.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Christiane Kuhn, Olga Zlatkin-Troitschanskaia; Sebastian Bruckner, Johannes Gutenberg, University Mainz	

## SATURDAY, OCTOBER 8 CONCURRENT SESSION G | 9:10 AM – 10:00 AM

### Salon 7

#### Most Valuable Players (MVPs): Positive Personal Finance and Economics Examples

Are you ready to transform your students' love for sports into lessons about personal finance and economics? Join us for a collaborative session that identifies professional athletes that are positive role models for teaching national standards in personal finance and economics. In this session, we showcase lessons based on these MVPs and provide teaching tips that leverage the positive power of sports for teaching economics and personal finance.

<b>All Grades/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Kim Holder, University of West Georgia; Abdullah Al-Bahrani, Northern Kentucky University; David Mahon, Miami-Dade Community College	

### Salon 2

#### Economics, Public Policy and Voting in an Election Year

An understanding of institutions, incentives and laws that operate in the U.S. economy is central to one's ability to make informed decisions in the marketplace and the voting booth. This session will help educators engage students in a discussion of how U.S. laws provide a framework for how markets operate efficiently. Educators will engage in interactive lessons that demonstrate the economic role of government and the costs and benefits of alternative public policy options.

<b>High School/K-12 Educators</b>	<b>Economics</b>
Grade Level/ Audience	Focus
Presenter(s): Dr. Judith Dymond, Northern Illinois University; Sheryl Gallaher, Governors State University	

## SATURDAY CONCURRENT SESSION G | 9:10 AM – 10:00 AM continued

### Salon 5

#### Economy Matters & Other New Tools from the Atlanta Fed

Explore “Economy Matters”, the exciting new digital publication from the Atlanta Fed. Filled with beautiful photography, timely articles, podcasts, quizzes, charts and graphs, “Economy Matters” provides a wealth of resources for your high school or college economics course. This session also highlights other Atlanta Fed tools like GDPNow and MyCPI. All participants will receive digital copies of lessons and activities to help incorporate this digital content into the classroom.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Sherilyn Narker, Federal Reserve Bank of Atlanta

### Salon 8

#### Financial Literacy Mobilized & Blended

Claim your place among the nation’s most innovative teachers using The Stock Market Game™, InvestWrite, and Invest It Forward to bring personal finance to life in their classrooms. Mobile, blended, flipped and 21st Century learning combines in these powerful tools for your classroom’s benefit! For almost 40 years, thousands of teachers have been ahead of the curve by using this curriculum, creating student recognition opportunities and obtaining one-on-one classroom teacher support.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Melanie Mortimer, Liz Reidel, SIFMA Foundation  
Pima

#### Maximizing Partnership Resources

Don’t let opportunities for meaningful partnerships pass you by! Economics and personal finance can be found and taught everywhere. Join us to learn how Economics Arkansas and the Federal Reserve Bank of St. Louis team up together, and with other organizations, to stomp out economic ignorance and increase financial literacy. And as an example of meaningful partnerships, learn how a school district, a business college, a center for economic education, and a Fortune 500 company worked together to develop human capital in young female teens.

**All Grades/Affiliates** **CEE Affiliate Management**  
Grade Level/ Audience Focus  
Presenter(s): Kris Bertelsen, Little Rock Branch, Federal Reserve Bank of St. Louis; Marsha Masters, Economics Arkansas; Rifa Litrell, University of Arkansas; Heather Grosze, Rogers School District

### Salon 4

#### Economic Reasoning- A Tool for Analyzing Primary Sources

The C3 economic tool you’ve been waiting for. History, civics, and geography have their tools for analyzing primary sources and now so does economics! Economics is the science of choice. To understand the choices of others, we have to understand the incentives they face. Empower students to use economic reasoning to identify and analyze choices in any context. From presidential speeches to historical photographs, this economic lens will expand your analysis of primary sources.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Debbie Henney, Mesa Community College; Tammy Waller, Arizona Department of Education

### Maricopa

#### Your Piece of the Pie

Have you tried a Piece of the Pie? Join Gigi and Patty as they take you back in time to see how one family solved a financial crisis with pie! An entrepreneurship and economics based program for upper elementary classes, Your Piece of the Pie features 5 inquiry based lessons for a small business development project. The program begins with a literature study, videos of real-life entrepreneurs, and student driven decision making. Attendees will receive a copy of the curriculum and directions for implementation after practicing live during the session!

**Elementary School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Patricia Palmer, University of Missouri - Kansas City; Gigi Wolf, Federal Reserve Bank of Kansas City

### Salon 6

#### MixItUp! Using Technology Tools to Enhance Learning

Looking for real-time assessments? This is a highly engaging and interactive session using a variety of web-based tools to enhance and assess student learning in the personal finance classroom. Participants will experience the tools from the student’s perspective. The entire session will be taught using Office Mix. Attendees are encouraged to bring their mobile devices.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Allison Edgar, Westminster High School; Susan Hopkins, Carroll County Career & Technology Center

### Salon 3

#### Understanding Fiscal Responsibility

Find the newest online lesson plans that teach students how to think critically about public policy with a focus on government, such as Social Security, Medicare, national security, the role of the Federal Reserve, Panic of 1893 and more. This resource is a result of a partnership between the Council for Economic Education and Teachers College, Columbia University. Students become informed citizens as they consider the trade offs involved in setting public policy. They learn to articulate their own views by evaluating primary and secondary sources, engaging in group activities and discussions, and writing brief essays

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Becky Smith, Mississippi Council on Economic Education

### Salon 1 Tech Lab

#### Online Assessment Center Test Bank

Looking for tried and true questions to test whether your students are getting it? Want to see where they are struggling and need more support? CEE’s Online Assessment Center test bank can help you. This free resource compiles the best questions from CEE’s large resource library and allows you to customize those questions into your own test. Learn how the Online Assessment Center can work for you.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Kevin Gotchet, Council for Economic Education



## Gila International Economic Education at Home and Abroad

This session provides an opportunity to meet with economic educators from several countries who are attending the conference to learn about economic education programs in their countries. Participants will also meet with representatives of the Global Economic Education Alliance to learn about GEEA's current activities and how GEEA can assist councils and centers in developing international programs and activities.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): James Dick, University of Nebraska at Omaha

## SATURDAY RESEARCH SESSION 3 | 9:10 AM – 10:40 AM HAVASUPAI

### College Students' Impressions of Their High School Personal Finance Experience

What do college students think of their high school personal finance experiences? Do students who attended public high schools in states that require personal finance even recall taking the course? Do they believe their financial behaviors are any different from those of their peers? And, what are those financial behaviors? This paper reports online survey results from freshmen and seniors at a Research 1 institution in Georgia.

**All Grades/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Brenda Cude, University of Georgia

### 3 Kumbara Financial Literacy Education Program

The aim of our paper is to describe "Three Piggy Banks" (3 Kumbara) project in Turkey and report the findings of our evaluation study, especially an innovative experimental study that has measured the impact of the program. To our knowledge, our evaluation experiment is the only one of its kind in the literature in terms of its methodology. We first describe the program, its methodology and then the findings of our survey and experimental evaluation study.

**Elementary School/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Dr. Ozgur Bolat, Bahcesehir University

### Do Gender and Macroeconomic Indicators Affect Financial Knowledge? Evidence from PISA 2012

A gender gap in the financial knowledge of high school students has appeared over time. Using the Programme of International Student Assessment (PISA) 2012 financial literacy assessment from the OECD, this study examines the gender gap in financial knowledge. Examining differences among countries, the analysis focuses on the impact of a country's macroeconomic indicators on a student's financial knowledge. To best account for the variance in student performance, we utilize multilevel modeling procedures.

**High School/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Rebecca Chambers, Michigan State University;  
Carlos Asarta, University of Delaware

### Development of Economics Thinking in Young Children: Three Case Studies

This paper reports findings from a longitudinal, qualitative study of kindergarten and first-grade children and their parents. It consists of three case studies of the development of economics concepts and economics thinking as a result of three possible combinations of parent-child interaction and school-based economics education and presents directions for further study of developmental economics education.

**Elementary School/Affiliates** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Barbara Phipps, University of Kansas

### Constructing a Personal Finance Test

This presentation shows how a personal finance test was designed using test construction principles and validated using expert reviews, Item Response Theory and Distractor Analysis. The results of a pilot test involving a sample of 479 students from the UK will be presented to demonstrate how to identify problematic test items and statistical indicators of suitable test items. The pilot test resulted in a final version which was attempted by 3115 fifteen-year-olds in the UK. The findings, which can help improve the provision of any financial education program will be explained.

**All Grades/Affiliates** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Kai Ling Jessie Sim, University of Oxford

### Financial Literacy and Its Correlates: A Study of Fifteen-year-olds in Oxfordshire and Greater London

Many previous research that measured young people's financial literacy only used financial knowledge as a proxy. I believe that a more holistic assessment can be made by also examining attitudes as well as knowledge. A survey was designed to measure the financial literacy of young people. The survey consisted of a financial knowledge test as well as a section for self-assessment of attitudes towards various personal finance topics. Information about the respondents' personal characteristics and background were also collected to determine the correlates of financial literacy. The presentation will present the findings and show the needs of different sub-groups.

**All Grades/K-12 Educators** **Research**  
Grade Level/ Audience Focus  
Presenter(s): Kai Ling Jessie Sim, University of Oxford

## SATURDAY CONCURRENT SESSION H | 10:10 AM – 11:00 AM

### Salon 4

#### Economics for Heroes

This session will explain the history, curriculum, marketing strategy and tactics, and evaluation results of an Economics for Heroes program started in Wisconsin. The Presenter(s) will assist councils interested in bringing the program to their states.

**High School/Affiliates** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Stephanie Niederjohn, Business and Economics  
Academy of Milwaukee; Mark Schug, University of Wisconsin-  
Milwaukee

## SATURDAY CONCURRENT SESSION H | 10:10 AM – 11:00 AM continued

### Salon 7

#### PLAY! Reawaken Your Inner Child to Engage Students and Help Them Learn

Do people groan when you tell them you teach economics? Do students complain that economics is boring? Find out how you can use various active learning strategies to liven up the “dismal science”. In this session, panelists will show examples of activities that you can use to energize and engage your class. Do your students need a boost of enthusiasm? We’ll give it to them through the power of play!

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Susan Reilly, Florida State College at Jacksonville  
Kim Holder, University of West Georgia

### Salon 6

#### Max and Ruby Teach Financial Literacy

In this workshop presentation, we share how the books of Rosemary Wells and the antics of the bunnies, Max and Ruby, can teach financial literacy to young elementary school students (Kindergarten to Grade 3). Integrating five key concepts of financial literacy (scarcity, exchange, money, saving, and giving) and Max and Ruby books, workshop attendees will participate in a range of hands-on classroom activities, including dramatic retelling, writing, and drawing activities.

**Elementary School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Kristen Ferguson, Nipissing University; Natalya Brown, Nipissing University

### Salon 1 Tech Lab

#### AP Macro Fun & Games

Games and hands-on activities can enhance student engagement and promote mastery of key economic concepts. In this session attendees will participate in a series of interactive exercises addressing the AP Macroeconomics curriculum with a focus on vocabulary, graphs, stabilization policy, and AP exam review. Card games, white board games, puzzles, and more will be presented. All necessary materials for classroom use will be made available digitally.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Megan Kirfs and James Lerch, Catalina Foothills High School

### Salon 3

#### Economic Development: Children's Stories of Change Agents

Participants will participate in an activity that requires creative and critical thinking as they determine which economic development initiatives to fund. Content rich children's books will introduce factors necessary for economic development such as nutrition, health care, microloans, education, clean water and more. Infographics, created by future teachers, will be shared in the LiveBinder of resources. Participants will leave this session with activities, resources and ideas for implementing project based learning in the 4th- 12th grades.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Rita Littrell, University of Arkansas- Fayetteville

### Pima

#### Seven Generation Money Management (7G MM)

This presentation will highlight 7G MM, which is a hands on financial literacy game targeted toward high school youth to increase their money management skills and to give them a basic understanding of investing, opening a bank account, purchasing a car, renting an apartment, buying a house, and other life skills.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Levi Esquerro, Northern Arizona University

### Salon 2

#### ConnectMaster Economics: A Concept-based Approach for Teaching AP/Dual Credit

Increasingly, high school teachers are challenged to satisfy the rigorous demands of a college course within the constraints of a high school environment. If you're a teacher who has ever felt frustrated by the trade-offs between content delivery and active student engagement, then this is the session for you. Discover how to supplement your valuable in-class time with students by using state-of-the-art adaptive learning materials. Your students can get the best of both worlds in a blended learning situation where content is delivered on-line and activities are conducted in class.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Susan Doty, The University of Texas at Tyler; Carlos Asarta, University of Delaware

### Salon 5

#### iTuning Financial Education

Do you have a collection of digital resources or lessons you wish to share with a global audience? Come see how Pennsylvania's Department of Education curated digital financial education resources using iTunes U. Named a 'Best of iTunes U for 2015' by Apple, Pennsylvania's course can serve as an example for creating your own course and/or serve as a resource for your own financial education efforts.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Hilary Hunt, The Making Cents Project

### Pima

#### 'The Tragedy of the Commons' in Three Acts

One of the most important lessons offered by economists is “The Tragedy of the Commons”. However, it tends to be taught in a partisan way, that is, as proof that private property rights are the only way to solve the conundrum posed by its subject matter. We will embrace the concept through a 4-part activity that looks at it through three different “lenses”: Conservative, Liberal, and Radical - and examines their respective policy conclusions.

**All Grades/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Amy Cramer, James Delaune and Travis Klein, Pima Community College

## SATURDAY RESEARCH SESSION 4 | 11:00 AM – 12:30 PM HAVASUPAI

### Maricopa

#### Utilize NGPF for Curriculum & Teacher Development

Next Gen Personal Finance offers a full curriculum of free, high-quality resources to use in your high school financial literacy classroom, as well as flexible, meaningful professional development opportunities that allow you to engage with the most innovative teachers from around the country. In this fully interactive workshop, we'll model our blended learning approach to education while you access content digitally, engage with fellow educators, and learn by doing.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Jessica Endlich, Next Gen Personal Finance	

#### Economics Across the Curriculum

The Economics-Across-the-Curriculum approach encourages the integration of economic concepts into various disciplines. This paper evaluates the outcomes of a program delivered to high school teachers in diverse fields of study such as English Language Arts, social studies, math, and foreign languages. The audience will learn how the infusion of economic concepts into various subjects helps students develop critical thinking, informational text analysis, real-world application, and other skills that are transferable to the contemporary workplace.

<b>High School/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Natalia V. Smirnova, American Institute for Economic Research	

#### Assessing Close Reading and Data Analysis Skills in Economic Education

With the adoption of the CCSS, economics classes should now be taught so that the students are “reading what economists read” and “writing what economists write”. This entails more than knowing economics content. What new skills are needed? How many economics teachers and students have these skills? Session participants will identify relevant CCSS skills and gaps in economic education assessments, and provide feedback on a preliminary assessment and data to begin a discipline-wide conversation.

<b>All Grades/Affiliates</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Becky Smith, Mississippi State University Extension; Stephanie Bennett and Dana Franz, Mississippi State University	

#### Changes in Aptitudes and Attitudes: A Financial Literacy Intervention Experiment

Assessments of the impact of a financial literacy curriculum in high school rarely consider the cost of such interventions in terms of lost instructional time that could have been used elsewhere in the high-school curriculum. Our paper differs from existing research by laying out a groundwork for examining whether teachers will introduce financial literacy in their economics classes. We then ask whether (i) certain financial literacy curriculum inputs achieve better financial literacy outcomes or influence financial attitudes more than others, (ii) to what extent these financial literacy inputs improve financial understanding and financial attitudes beyond a standard one-semester economics class, and (iii) whether the introduction of financial literacy instruction in an economics class comes at the cost of a loss of knowledge of economics topics.

<b>High School/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Radha Bhattacharya and Andrew Gill, California State University- Fullerton	

#### Connections between Quantitative Reasoning in Mathematics and Financial Literacy

Quantitative Reasoning (QR) has been gaining increased emphasis within mathematics education policy and practice. QR is the habit of mind to consider the power and limitations of quantitative evidence associated with public, professional, and personal life. Financial literacy is hugely important in all these arenas and, as such, has been emphasized with teachers participating in our QRinAZ project. This session will highlight ways that mathematics teachers have integrated financial literacy to meet QR goals.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Jeffrey Hovermill, Northern Arizona University	

## SATURDAY CONCURRENT SESSION I | 11:10 AM – 12:00 PM

### Salon 3

#### From the Big Screen to the Classroom: Economics Lessons

Movie makers know that basing films on popular pieces of literature is a good idea and, if done well, will result in financial rewards and artistic acclaim. This hands-on session features children's books that have been made into movies such as The BFG, The Giver, and Fantastic Beasts and Where to Find Them to teach decision-making, economic systems, human resources, and opportunity cost. Included are classroom-ready lessons, a topical bibliography, and door prizes.

<b>Middle School/K-12 Educators</b>	<b>Research</b>
Grade Level/ Audience	Focus
Presenter(s): Lynne Stover, James Madison University	

### Salon 2

#### Helpful Strategies for Teaching Personal Finance to Special Education Students

In collaboration with Michael Roush of the National Disability Institute and Chris Shannon, now with the Boston Federal Reserve, Brian Page constructed a high school personal finance course specific for special education students. The project was funded by the Discover Pathways to Financial Success Grant. Strategies, resources, and topic concentrations used will be shared to help teachers who teach special education students in an inclusive or exclusive environment.

<b>High School/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Brian Page, Reading Community City Schools	

### Salon 1 Tech Lab

#### Gen i Revolution

Gen i Revolution, a free online personal finance game, challenges students to defeat the “Murktide” of financial confusion. Help an overextended high school student get out of credit card debt, work with a married couple to budget for a down payment on a house, decide which investment options make sense for members of an investing club. Over 16 missions, students help an array of people in financial trouble, while earning points at the same time.

<b>All Grades/K-12 Educators</b>	<b>Personal Finance</b>
Grade Level/ Audience	Focus
Presenter(s): Christopher Caltabiano, Council for Economic Education	

## SATURDAY CONCURRENT SESSION J | 1:10 PM – 2:00 PM

### Salon1 Tech Lab

#### Virtual Economics 4.5 and EconEdLink

The Virtual Economics 4.5 flash drive is a “must-have” resource that provides all the tools you need to create engaging economic and personal finance lessons including a hands-on approach to teaching that is relevant to how students learn in today’s classroom. New teachers from Arizona will receive a free copy after this hands-on workshop. New Publications and features: More Flash Drive memory; Automatic Lesson Updates when connected to the Internet; Multiple Search Options, search by National and/or State Standards, by grade band, keyword, or publication; Glossary of over 500 crystal-clear terms and definitions. Simplify the way you teach K-12 economics and personal finance. Whether you’re looking for comprehensive lesson plans, quiz and test materials, or after-school interactive activities to challenge small groups of students, you will find resources that are easy to use and just a click away.

**All Grades/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Debbie Henney, Arizona Council on Economic Education

### Salon 2

#### Greatest Hits of Rockonomix: Discovering Pop Econ for Your Classroom

Rockonomix, a student-produced music video parody project, is a method to motivate student learning by using popular media to reinforce basic economics principles. If you’ve ever wanted your students to be as passionate about economics as you are, challenge them to create their own economics-themed music video parody and find out how to compete with colleagues across the country!

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Kim Holder, University of West Georgia

## SATURDAY CONCURRENT SESSION K | 2:10 PM – 3:00 PM

### Salon 2

#### Understanding Fiscal Responsibility

Find the newest on line lesson plans that teach students how to think critically about public policy with a focus on government, such as social security, medicare, national security, the role of the Federal Reserve and more. This resource is a result of partnership between the Council for Economic Education and Teachers College, Columbia University.

**High School/K-12 Educators** **Economics**  
Grade Level/ Audience Focus  
Presenter(s): Becky Smith, Mississippi State University Extension

### Salon 4

#### Early Childhood Financial Literacy

Experience components of a five lesson curriculum designed specifically for young children. The lessons integrate the learning of economics and personal finance with music, dramatic play, literature, art and school readiness skills!

**Elementary School/K-12 Educators**  
**Economics**  
Grade Level/ Audience Focus  
Presenter(s): Erin Yetter, Federal Reserve Bank of St. Louis

### Salon 3

#### Host a Shark Tank Event in Your Community

Learn how to host a live, community involved entrepreneurship fair and Shark Tank at your school. Take away ready made tools, lessons and ideas for how to involve your school district and community in a celebration of entrepreneurship promotion. From business sponsors and securing “sharks” to community outreach and cross grade level curriculum, you can help create a genuine learning experience for your students.

**High School/K-12 Educators** **Personal Finance**  
Grade Level/ Audience Focus  
Presenter(s): Bernadette Russoniello, Maricopa High School

## Arizona Council for Economic Education

[www.azecon.org](http://www.azecon.org)



The Arizona Council on Economic Education (ACEE) is a 501(C)3 nonprofit organization dedicated to improving economic and personal financial literacy in Arizona. ACEE is the author of Arizona K-12 Economic Education Academic Standards and the only organization in Arizona which: provides teacher professional development in teaching personal finance and economics; has a strong, affiliated academic base with universities and community colleges; and distributes proven nonproprietary economic education curriculum resources to schools free of charge. ACEE trains approximately 1,500 teachers and reaches 200,000 students annually. It has served close to 1,000 schools across 104 cities in Arizona. The Arizona Council of Economic Education is an affiliate of the national [Council for Economic Education](#).

## Bank of America

[www.bankofamerica.com](http://www.bankofamerica.com)



Bank of America has partnered with Khan Academy to create BetterMoneyHabits.com, a new way to learn the “why” and the “how” behind personal finance and we believe our collaboration with Khan Academy will help you put that knowledge into practice more effectively than ever before. This website features videos on understanding credit, home buying and saving & budgeting.

## Bedford, Freeman & Worth High School Publishers



bedford, freeman & worth  
high school publishers

[www.Highschool.bfwpub.com](http://www.Highschool.bfwpub.com)

Bedford, Freeman & Worth (BFW) Publishers offers the highest quality print and electronic educational materials for select high school courses. With a focus on AP Economics, History, and Psychology and general level Psychology and Economics, BFW offers tools that work and support teachers' needs, for today and tomorrow.

## BizKid\$

[www.bizkids.com](http://www.bizkids.com)



BizKid\$ is a national financial literacy and entrepreneurship initiative for kids. The foundation of this program is a national television series that airs on PBS and in syndication around the United States. The website ([bizkids.com](http://bizkids.com)) is resource rich with companion lesson plans, teacher guides, mapping to national and state standards, engaging video games and many materials for young entrepreneurs and volunteers that want to take financial literacy education into their communities.

## Budget Challenge

[www.budgetchallenge.com](http://www.budgetchallenge.com)



BUDGET CHALLENGE®  
ROAD TEST FOR PERSONAL FINANCE™

Budget Challenge® recreates the experience of managing a typical household budget. This competition-style, web-based bill-pay simulation scores students while a “learning by doing” approach integrated with modern technology builds 21st Century skills. Our program effectively teaches practical personal finance behaviors, knowledge and skill. The real-time simulation exposes students to the concept of receiving a paycheck, paying bills and maximizing savings within a typical household budget.

## Center for the Philosophy of Freedom – University of Arizona

[freedomcenter.arizona.edu](http://freedomcenter.arizona.edu)



COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES  
Center for the  
Philosophy of Freedom

The mission of the Freedom Center is to promote the understanding and appreciation of the ideals of freedom and responsibility along four dimensions: published research, undergraduate education, graduate education, and community outreach. The Centers also offers a high school dual enrollment course: “Ethics, Economy and Entrepreneurship”

## CentSai

[www.centsai.com](http://www.centsai.com)



CentSai a play on the Japanese word sensei, or teacher, makes it easier with our financial wellness community. People can learn and teach about money issues through their personal stories. Millennials, educators and experts alike come to CentSai and find finance approachable and jargon-free.

## Council for Economic Education

[www.councilforeconed.org](http://www.councilforeconed.org)



COUNCIL FOR  
Economic  
Education

Teaching Opportunity™

The Council for Economic Education (CEE) is the leading organization in the United States that focuses on the economic and financial education of students from kindergarten through high school, and we have been doing so for over 65 years. We do this by educating the educators: providing the curriculum tools, the pedagogical support, and the community of peers that instruct, inspire, and guide. All resources and programs are developed by educators and delivered by CEE's national network of affiliates over 240 across the country.

## Federal Reserve Bank of San Francisco

[frbsf.org/education](http://frbsf.org/education)



The Federal Reserve Bank of San Francisco is the 12th District of the Federal Reserve System, the central bank of the United States. The Fed was created by Congress to provide the nation with a safer, more flexible, and more stable monetary and financial system. The 12 Reserve Banks across the country, and their branches, conduct much of the Federal Reserve System's day-to-day operations.

## Foundation for Teaching Economics

[www.fte.org](http://www.fte.org)



Foundation for Teaching Economics  
Promoting excellence in economic education

The mission of the FTE is to introduce young individuals, selected for their leadership potential, to an economic way of thinking about national and international issues, and to promote excellence in economic education by helping teachers of economics become more effective educators.

## Grand Canyon University

[www.gcu.edu](http://www.gcu.edu)



Our curriculum is designed to prepare you with the skills and knowledge demanded in the contemporary job market. You are challenged to develop these tools and to push your intellectual limits in order to thrive in your career. In addition, our curriculum fosters personal discovery to help you realize within yourself the elements of compassion and accountability.

## Inceptia

[www.inceptia.org](http://www.inceptia.org)



Inceptia

A division of NSLP

As an industry leader and innovator, Inceptia is focused on empowering students through financial capability. To deliver on that promise, Inceptia is pleased to offer the new and improved online financial education curriculum, Financial Avenue.

## Marginal Revolution University

[www.mruniversity.org](http://www.mruniversity.org)



MRUNIVERSITY  
AN ONLINE EDUCATION PLATFORM

Marginal Revolution University is an online library of more than 800 free economics education videos used by teachers and students worldwide.

## MobLab

www.moblab.com



MobLab offers a suite of interactive games and surveys, from its cloud service, covering a wide range of social and economic topics. Students can participate using Android and iOS mobile devices as well as laptops from anywhere at any time. Learning becomes immersive. Instructors can conveniently configure, run, monitor and analyze game activity all from the instructor console. Teaching becomes engaging and data driven.

## National Academy Foundation

www.naf.org



The National Academy Foundation (NAF) is working with CEE to integrate our materials into the NAF Academy of Finance curriculum and the curricula of other Academies to support economic and financial literacy for all students. Both organizations are working together to provide expanded professional development for teachers at NAF Academies across the country.

## National Credit Union Administration

www.ncua.gov



With the backing of the full faith and credit of the United States, NCUA operates and manages the National Credit Union Share Insurance Fund, insuring the deposits of nearly 100 million account holders in all federal credit unions and the overwhelming majority of state-chartered credit unions.

## National Endowment for Financial Education

www.hsfp.org



NEFE's High School Financial Planning Program® (HSFPP) is a free turnkey financial literacy program specifically focused on basic personal finance skills that are relevant to teens in grades 8 – 12. The student-centered, performance-based program includes over 30 hours of instructional materials. All resources are noncommercial, unbiased, and are available at no cost including student workbooks, instructor lessons, and website resources.

## Next Gen Personal Finance

www.nextgenpersonalfinance.org



Next Gen Personal Finance (NGPF) is a non-profit organization that believes all young people deserve a free, quality education to develop their financial capability.

## SIFMA Foundation

www.sifma.org/foundation



The SIFMA Foundation provides financial education programs and tools that strengthen economic opportunities across communities and increase individuals' access to the benefits of the global marketplace. Notable Foundation programs include The Stock Market Game™, which has enabled more than 15 million students to become financially literate, the InvestWrite® national essay competition, Invest It Forward, and the Capitol Hill Challenge™.

## Stock-Trak, Inc.

www.HowTheMarketWorks.com



Stock-Trak is the leading provider of virtual trading applications and educational Stock Market Games websites. Last year, over 20,000 teachers and professors and their 500,000 students used one of our customizable stock market game websites like www.StockTrak.com.

## Stavros Center for Economic Education at FSU

ceee.fsu.edu/stavros/Home



We will promote our professional development course Common Sense Economics for Life and associated teaching curriculum. The guiding philosophy of the USF Stavros Center is to establish strategic alliances and partnerships with the corporate community and school districts in support of K-20 economic education. This philosophy is reflected in the delivery of programs that rely heavily on collaboration between business and the Stavros Center.

## Take Charge America Institute at the University of Arizona

www.tcaoinstitute.org



The Take Charge America Institute at the University of Arizona combines research and educational outreach to improve financial literacy and help consumers make informed financial choices.

## Thomas R. Brown Foundation

www.brownfoundation.org



The Thomas R. Brown Foundation provides Arizona standards-based professional development to K-12 teachers in economics education. We also underwrite the University Of Arizona Office Of Economic Education, which provides educational outreach programs in southern Arizona and intensive summer institute workshops in micro and macroeconomics.

## Transatlantic Outreach Program TOP

www.goethe.de



TOP is a public / private partnership that promotes education about Germany, fosters intercultural dialogue, and provides the opportunity for North American social studies and STEM educators to experience Germany.

## Working in Support of Education

www.wise-ny.org



Working in Support of Education (wise) is a leading New York City based educational not for profit, dedicated to supporting financial and economic education in high schools nationally. wise offers programs that are designed to help students graduate with the knowledge and skills needed to lead a life of financial and economic well-being.

## Young Investors Society

www.younginvestorssociety.org



Young Investors Society is non-profit organization that provides leadership and investment management experience for high school aged youth. Its programs are taught by some of the best investors and university professors in the industry.

## Wells Fargo

www.wellsfargo.com



Wells Fargo is a diversified, community-based financial services company with \$1.9 trillion in assets. Founded in 1852 and headquartered in San Francisco, Wells Fargo provides banking, insurance, investments, mortgage, and consumer and commercial finance through more than 8,600 locations, 13,000 ATMs, the internet (wellsfargo.com) and mobile banking, and has offices in 36 countries and territories to support customers who conduct business in the global economy.

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# Financial Fitness for Life®

## THE MOST COMPREHENSIVE PERSONAL FINANCE CURRICULUM FOR GRADES K-12

**Financial Fitness for Life®** is an activity-based learning curriculum that teaches students how to make responsible decisions within the context of financial education.

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- F**eatures that make it easy to integrate into existing curriculum
- F**inancial themes follow CEE's standard lesson structure
- F**ormative and summative assessments are included
- L**iteracy about spending, saving, money management, credit and careers

### FOR STUDENTS

- F**un, engaging activities
- F**rom Kindergarten to High School
- F**ocuses on fundamental financial concepts
- L**earn how to make responsible decisions

### FOR FAMILY

- F**amily discussions on personal finance get a jump start from the Parent Guides
- F**undamental knowledge that students can relate to
- F**eatures activities that teach students to be productive and successful
- L**ife lessons are priceless!

The **Financial Fitness for Life®** series is available in four grade levels. Teacher Guides, Student Workbooks and Parent Guides are used in tandem to provide a comprehensive learning program for personal finance.

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- K-2 Teacher Guide
- K-2 Student Storybook
- 3-5 Teacher Guide
- 3-5 Student Workbook
- K-5 Parent Guide



### MIDDLE SCHOOL

- 6-8 Teacher Guide
- 6-8 Student Workbook
- 6-12 Parent Guide



### HIGH SCHOOL

- 9-12 Teacher Guide
- 9-12 Student Workbook
- 6-12 Parent Guide



Publications, teacher packages, CDs and USB flash drives are available at  
<http://store.councilforeconed.org>

# 21<sup>ST</sup> CENTURY TOOLS

FOR 21<sup>ST</sup> CENTURY LEARNING

## Online Personal Finance Games

Online personal finance games for high school students—  
Gen i Revolution

## Online Interactive Resources

Hands-on approach to teaching that is relevant to how students learn in today's classroom

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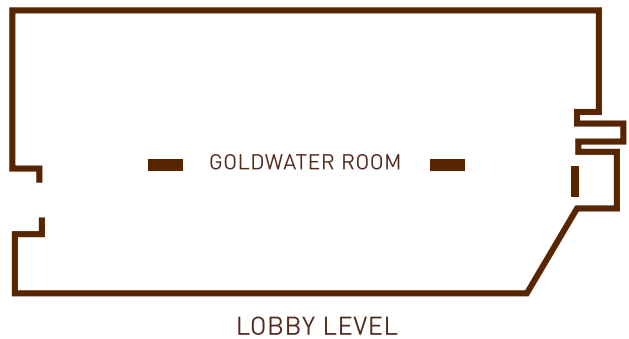
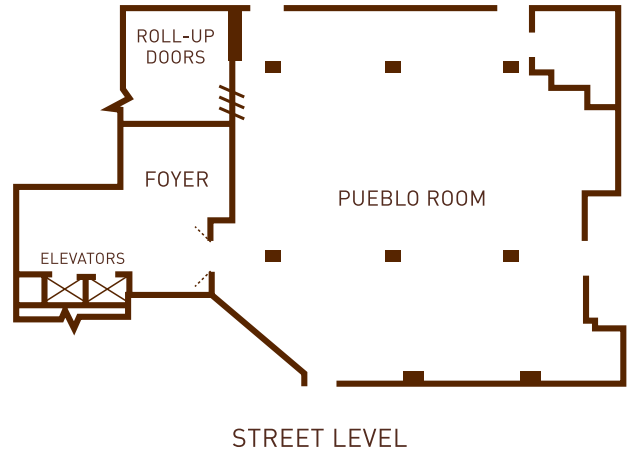
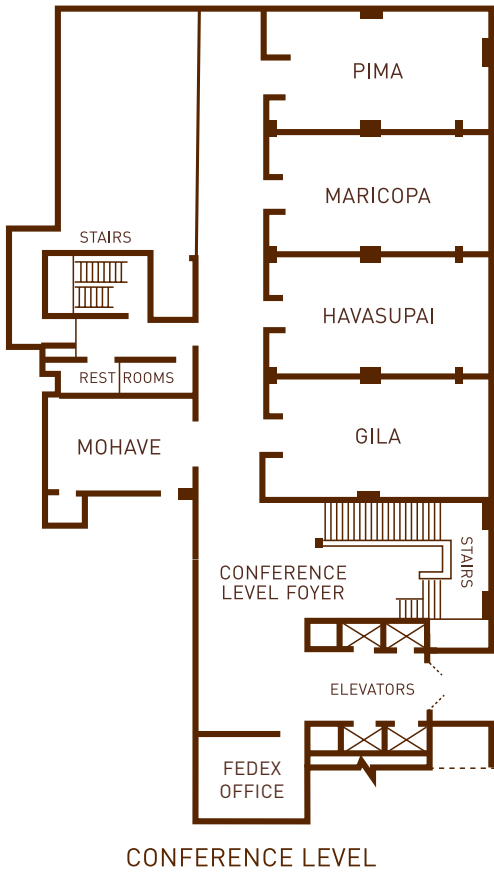
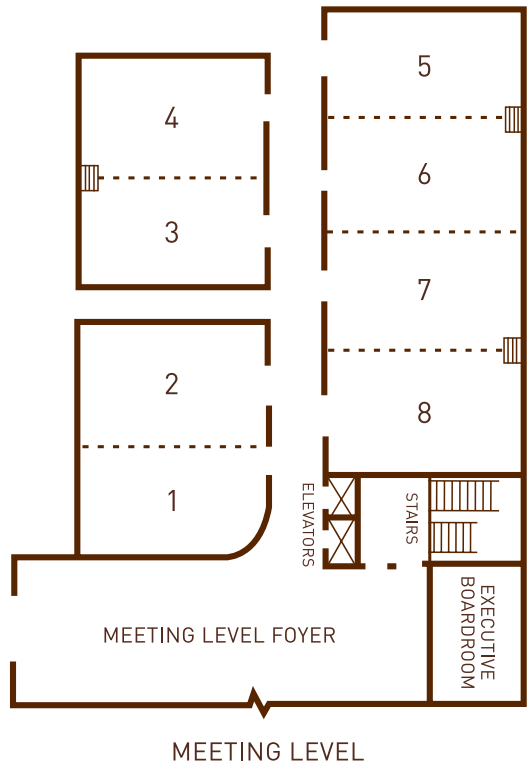
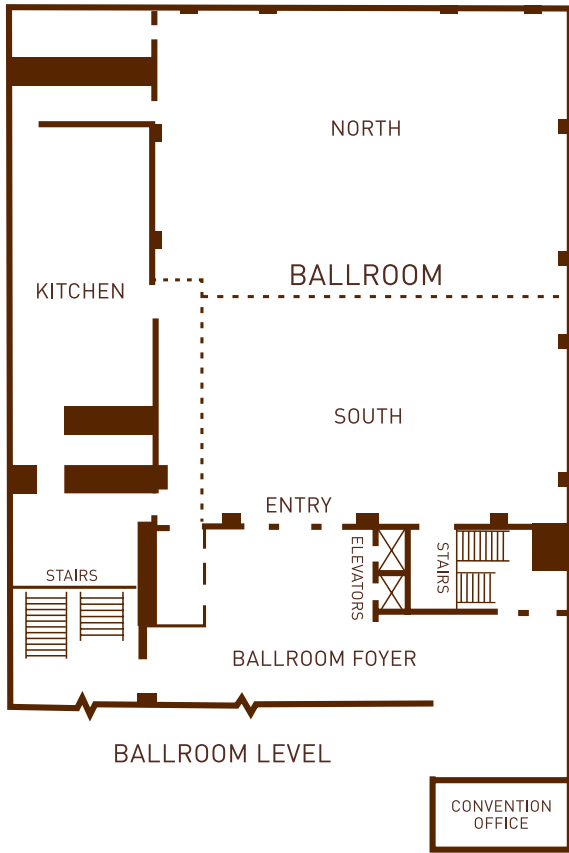
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RESOURCES

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Real-time data and measures of student knowledge and understanding of economic and personal finance concepts

## Online Professional Learning

Professional development opportunities for educators, including video demonstrations and webinars







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She just walked  
by the candy store.

## Her allowance is still in her pocket.

She learned good saving habits early with the help of a fun financial education program developed by Wells Fargo. The *Hands on Banking*® program is designed to help teach the difference between wants and needs, and how to save for what's important. The curriculum ranges from children to adults, so everyone can learn more about making the most of their finances. Learn more at [handsonbanking.org](http://handsonbanking.org).

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Thank you to the Federal Reserve System for their ongoing partnership with the Council for Economic Education.

## About the Council for Economic Education

The Council for Economic Education (CEE) is the leading nonprofit organization in the United States that focuses on the economic and financial education of students from kindergarten through high school, and we have been doing so for over 67 years. We do this by educating the educators: providing the curriculum tools, the pedagogical support, and the community of peers that instruct, inspire, and guide. All resources and programs are developed by educators and delivered by CEE's national network of Affiliates—over 240 across the country.



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