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.

Thank you to the Federal Reserve System for their ongoing partnership with the Council for Economic Education.
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.
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 – 6:00 pm
- 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; Allysunn 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
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

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.

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
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, Allysunn 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
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

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  Salon 1 Tech Lab
  Awards and Professional Recognition Committee  Salon 2
  Marketing and Membership Committee  Salon 3
  Educational Resources Committee  Salon 4
  Research Committee  Salon 5
  International Committee  Salon 6
  Professional Development & Spring Conference Committee  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

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<thead>
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<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>1:30pm – 2:50pm</td>
<td>Council Directors Session</td>
<td>Salon 5</td>
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<td>3:00 pm – 4:30 pm</td>
<td>Council/Center Directors Meeting</td>
<td>Salons 6-8</td>
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<td>4:40 pm – 5:40 pm</td>
<td>Fundraising Session</td>
<td>Salons 2</td>
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<td>4:40 pm – 5:40 pm</td>
<td>National Economics Challenge - Coordinators Meeting</td>
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<td>5:45 pm – 6:45 pm</td>
<td>National Economics Challenge Test Development Session</td>
<td>Salon 3</td>
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<td>6:00 pm – 9:00 pm</td>
<td>Champions in Education Gala (by invitation only)</td>
<td>Grand Ballroom</td>
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<td>7:00 pm – 8:30 pm</td>
<td>Welcome Reception</td>
<td>Pueblo Jr. Ballroom</td>
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**FRIDAY, OCTOBER 7**

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

10:40 am – 11:30 am  Concurrent Sessions B  
Salon 1 Tech Lab

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 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

**Measuring Economic Learning**

- 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  Pueblo Jr Ballroom

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

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
Innovations in Teaching Economic and Financial Literacy
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  
Salon 1 Tech Lab
Online Course Opportunity for Elementary Educators for your Center/Council
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!
CONFERENCE SCHEDULE OVERVIEW

Budget Challenge – Road Test for Personal Finance  
Economics in Paradise!  
YMCA Youth in Government: Adding Economic Thinking

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 SmartPath 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

Tools for Building and Measuring Economic and Financial Literacy

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  Friday Night Social for all Attendees  
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

9:10 am – 10:00 am  Concurrent Sessions G
Salon 1 Tech Lab

  Online Assessment Center Test Bank
  Economics, Public Policy and Voting in an Election Year
  Understanding Fiscal Responsibility
  Economic Reasoning- A Tool for Analyzing Primary Sources
  Economy Matters & Other New Tools from the Atlanta Fed
  MixItUp! Using Technology Tools to Enhance Learning
  Most Valuable Players (MVPs): Positive Personal Finance and Economics Examples
  Financial Literacy Mobilized & Blended
  Maximizing Partnership Resources
  Your Piece of the Pie
  International Economic Education at Home and Abroad

10:10 am – 11:00 am  Research Session #3
Havasupai

  Building Economic Thinking
  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


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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Location</th>
</tr>
</thead>
</table>
| 12:10 pm – 1:00 pm | Teachers' Roundtables & Lunch
  - Elementary
  - Middle
  - High School | Salon 5  
Salon 6  
Salon 7 |
| 1:10 pm – 2:00 pm | Concurrent Sessions J
  - Virtual Economics 4.5 and EconEdLink
  - Greatest Hits of Rockonomix: Discovering Pop Econ for Your Classroom | Salon 1 Tech Lab  
Salon 2 |
| 2:10 pm – 3:00 pm | Concurrent Sessions K
  - Understanding Fiscal Responsibility
  - Host a Shark Tank event in your Community
  - Early Childhood Financial Literacy | Salon 2  
Salon 3  
Salon 4 |
CONFERENCE SCHEDULE BY GRADE LEVEL

ELEMENTARY/MIDDLE SCHOOL
FRIDAY, OCTOBER 7

8:00AM - 8:50AM  "The Short Seller" - Teaching Financial Literacy Through a Book Study  Pima

10:40AM - 11:30AM  Innovative Financial Education Program for Young Children  Ballroom Foyer

10:40AM - 11:30AM  Real Money. Real World. “hands-on learning for teens”  Ballroom Foyer

10:40AM - 11:30AM  Sneaking Economics into Story Time: Teaching Economics through Children’s Literature  Salon 8

11:40AM - 12:30PM  Engage Your Students with a Classroom Economy  Maricopa

11:40AM - 12:30PM  Teaching Personal Finance Using Children’s Literature  Salon 8

2:20PM - 3:10PM  Engaging Mall Simulation for your 3-5th grade classroom  Salon 3

2:20PM - 3:10PM  Learning Economics with Technology: Herschel's World of Economics App  Salon 5

2:20PM - 3:50PM  How Elementary Teachers Use Classroom Mini-Economies When Guided By the C3 Framework  Havasupai

2:20PM - 3:30PM  Hands on Banking  Salon 1 Tech Lab

3:20PM - 4:10PM  Peanut Butter and…Cupcake?  Salon 6

3:20PM - 4:10PM  Engaging Volunteers to deliver real-life economics in the classroom!  Salon 7

4:30PM - 5:20PM  Follow $martPath to a Fun, Animated, FREE Elementary Resource  Salon 1 Tech Lab

4:30PM - 5:20PM  Creating a Classroom Mini-Economy: Build a Startup Culture in Your Classroom!  Salon 3
CONFERENCE SCHEDULE BY GRADE LEVEL

ELEMENTARY/ MIDDLE SCHOOL
SATURDAY, OCTOBER 8

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

HIGH SCHOOL
FRIDAY, OCTOBER 7

8:00AM - 8:50AM  Disciplinary Literacy in Economics  Salon 6
8:00AM - 8:50AM  "Weird" Economics: Using Song Parodies to Teach Economics  Maricopa
8:00AM - 8:50AM  I Choose C: Assessment Beyond Multiple Choice in Economics  Salon 7
8:00AM - 8:50AM  Bringing A Financial Fair To Your School  Salon 5
8:00AM - 8:50AM  Are Your Students College- and Career- Choice Ready?  Salon 4
8:00AM - 8:50AM  Teaching the Economics of Made in America  Salon 8
8:00AM - 8:50AM  Math in the Real World  Salon 3
10:40AM - 11:30AM  Experiential Learning in Personal Finance  Salon 5
10:40AM - 11:30AM  Expanding High School Financial Literacy in Chicago: Sustaining Growth  Salon 4
10:40AM - 11:30AM  Welcome Home: The Key to Home Ownership  Maricopa
10:40AM - 11:30AM  The Economics of Disasters  Pima
CONFERENCE SCHEDULE BY GRADE LEVEL

HIGH SCHOOL

FRIDAY, OCTOBER 7

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

## HIGH SCHOOL

### FRIDAY, OCTOBER 7

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

### SATURDAY, OCTOBER 8

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

## HIGH SCHOOL

### SATURDAY, OCTOBER 8

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

#### FRIDAY, OCTOBER 7

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

### ALL GRADES

**FRIDAY, OCTOBER 7**

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

ALL GRADES

FRIDAY, OCTOBER 9

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

ALL GRADES

SATURDAY, OCTOBER 8

9:10AM - 10:00AM  Most Valuable Players (MVPs): Positive Personal Finance and Economics Examples  Salon 7
9:10AM - 10:00AM  Financial Literacy Mobilized & Blended  Salon 8
9:10AM - 10:00AM  Maximizing Partnership Resources  Pima
9:10AM - 10:00AM  Economic Reasoning- A Tool for Analyzing Primary Sources  Salon 4
9:10AM - 10:00AM  Understanding Fiscal Responsibility  Salon 3
9:10AM - 10:00AM  International Economic Education at Home and Abroad  Gila
9:10AM - 10:40AM  College Students’ Impressions of Their High School Personal Finance Experience  Havasupai
9:10AM - 10:40AM  Constructing A Personal Finance Test  Havasupai
10:10AM - 11:00AM  Economic Development: Children’s Stories of Change Agents  Salon 3
10:10AM - 11:00AM  iTuning Financial Education  Salon 5
10:10AM - 11:00AM  ‘The Tragedy of the Commons’ in Three Acts  Pima
11:00AM - 12:30AM  Assessing Close Reading and Data Analysis Skills in Economic Education  Havasupai
11:10AM - 12:00PM  Gen i Revolution  Salon 1 Tech Lab
1:10PM - 2:00 PM  Virtual Economics 4.5 and EconEdLink  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**
---|---
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**
---|---
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**
---|---
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**
---|---
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**
---|---
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**
---|---
Presenter(s): Joseph Calhoun, Florida State University
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.

Grade Level/ Audience: High School/K-12 Educators
Focus: Personal Finance
Presenter(s): Michael Raymer, Georgia University; Bonnie Meszaros, University of Delaware; Mary Suiter, Georgia Council on Economic Education

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.

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

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.

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

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.

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

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.

Grade Level/ Audience: All Grades/K-12 Educators
Focus: Economics
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.

Grade Level/ Audience: All Grades/K-12 Educators
Focus: Personal Finance
Presenter(s): Jim Lambatos, Wheaton Warrenville South High School

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!

Grade Level/ Audience: High School/K-12 Educators
Focus: Economics
Presenter(s): Kathy Michelich, The Ohio State University Extension

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.

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

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<td>Presenter(s): Helen Roberts and Joy Joyce, University of Illinois at Chicago</td>
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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.

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<td>Presenter(s): Deirdre Calhoun, Civano Community School; Barbara Gray, Thomas R. Brown Foundation</td>
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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.

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<tr>
<td>Presenter(s): Sarah Vannatta, EconomicsPennsylvania; Tiffany Harm, EconomicsPennsylvania</td>
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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.

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<tr>
<td>Presenter(s): Sherilyn Narker, Federal Reserve Bank of Atlanta</td>
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**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.

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<td>Presenter(s): Cynthia Harter, Eastern Kentucky University; Erin Yetter, Federal Reserve Bank of St. Louis - Louisville Branch</td>
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**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.

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<td>Presenter(s): Carlos J. Asarta, University of Delaware; James R. Schmidt, University of Nebraska - Lincoln</td>
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**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.

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<tr>
<td>Presenter(s): Roland Happ, Johannes Gutenberg University Mainz; Manuel Fonter, Johannes Gutenberg-University Mainz</td>
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**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.

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<td>Presenter(s): Erin Yetter, Federal Reserve Bank of St. Louis - Louisville Branch</td>
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**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.

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<td>Presenter(s): Alissa White, Chesterfield Day School</td>
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**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.

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<td>Presenter(s): Bruce Damasio, Maryland Council on Economic Education; Gary Stone, Winthrop University</td>
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**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.

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<td>Presenter(s): Anne Guerrant, Guerrant Foundation</td>
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**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.

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<td>Presenter(s): Lynne Stover, James Madison University</td>
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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.

All Grades/K-12 Educators | Economics
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.

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

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.

High School/K-12 Educators | Personal Finance
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.

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

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

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.

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

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.

All Grades/K-12 Educators  Economics
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.

High School/K-12 Educators  Personal Finance
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.

All Grades/Affiliates  CEE Affiliate Management
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.

High School/K-12 Educators  Economics
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.

High School/K-12 Educators  Economics
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.

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

Salon 3
Engaging Mall 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!

Elementary School/K-12 Educators  Personal Finance
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.

Elementary School/K-12 Educators  Economics
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): Sarah Vannatta, EconomicsPennsylvania; Tiffany Hansen, University of Idaho Extension

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 behind 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, 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
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.

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.

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.”

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.

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 intensely 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.

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.

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.”

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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!

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!
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.

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<td>Presenter(s):</td>
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<tr>
<td>Debbie Slivinski, Grand Canyon University</td>
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Marcopla
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.

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<td>Presenter(s):</td>
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<tr>
<td>Barbara Flowers, Federal Reserve Bank of St. Louis; Alan Ernst, Federal Reserve Bank of St. Louis</td>
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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 pina coladas and sunglasses!

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<td>Debbie Henney, Mesa Community College; Krystal Slivinski, Grand Canyon University</td>
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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!

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<td>Presenter(s):</td>
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<tr>
<td>Leo Muller, CHOICES Education Group</td>
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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.

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<td>Presenter(s):</td>
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<tr>
<td>Susanne Vasilic, Virtual Public School</td>
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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!

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<td>Presenter(s):</td>
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<tr>
<td>Brett Burkey, Florida Atlantic University</td>
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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.

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<td>Presenter(s):</td>
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<tr>
<td>Allen Cox, Maryland Council on Economic Education</td>
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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!

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<td>Presenter(s):</td>
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<td>Marsha Masters, Economics Arkansas</td>
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FRIDAY CONCURRENT SESSION F | 4:30 PM – 5:20 PM continued

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. Mezzaros, University of Delaware; Andrew T. Hill, Federal Reserve Bank of Philadelphia

Salon 1 Tech Lab

Follow $martPath to a Fun, Animated, FREE Elementary Resource
$martPath is a teacher-led, all-in-one resource for elementary teachers who want to engage their students in a fun, online experience. $martPath 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. $martPath 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, Avatar 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 Bruguglio, University of Malta; G. Dirk Materre, 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 Cacere-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.

All Grades/K-12 Educators
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.

All Grades/K-12 Educators
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 Africa.

All Grades/Affiliates
Grade Level/ Audience: Focus
Presenter(s): Sebastian Bruckner, Johannes Gutenberg, University Mainz

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.

All Grades/Affiliates
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.

All Grades/K-12 Educators
Grade Level/ Audience: Focus
Presenter(s): Kim Holder, University of West Georgia; Abdullah Al-Bahrami, 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.

High School/K-12 Educators
Grade Level/ Audience: Focus
Presenter(s): Dr. Judith Dymond, Northern Illinois University; Sheryl Gallaher, Governors State University
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): Debbie Henney, Mesa Community College; Tammy Waller, Arizona Department of Education

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

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; Rita 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

Salon 6
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 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
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.

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.

Financial Literacy in Turkey
This paper reports findings from a test evaluation study in Turkey 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.

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.

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.

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.

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.

Do Gender and Macroeconomic Indicators Affect Financial Knowledge? Evidence from PISA 2012
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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
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
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
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
Presenter(s): Megan Kirts 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
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
Presenter(s): Levi Esquerra, 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
Presenter(s): Susan Doly, 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
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
Presenter(s): Amy Cramer, James Delaune and Travis Klein, Pima Community College
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.

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.

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.

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.

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.

SaturDay Research Session 4 | 11:00 AM – 12:30 PM Havasupai

SaturDay Concurrent Session I | 11:10 AM – 12:00 PM

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.

Salon 1 Tech Lab
Gen i Revolution
Gen i Revolution, a free online personal finance game, challenges students to defeat the “Murk tide” 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.
SATURDAY CONCURRENT SESSION J | 1:10 PM – 2:00 PM

Salon 1 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
Arizona Council for Economic Education
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
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
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
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) 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
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.

CentSai www.centsai.com
CentSai is a play on the Japanese word sensei, or teacher, making 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
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
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
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
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
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
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.nefef.org
NEEE’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.StockTrak.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
cass.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.tcainstitute.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.brownfoundations.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
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.younginvestorsociety.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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