Ninth Annual Conference on Teaching & Research in Economic Education (CTREE)

May 29 – May 31, 2019
St. Louis, Missouri
Hyatt Regency St. Louis at the Arch

Plenary Speakers:
Stephen Chew, Samford University
Anne Winkler, U. of Missouri, St. Louis
Bob Frank, Cornell University

Sponsored by:
Committee on Economic Education
Journal of Economic Education
Federal Reserve Bank of St. Louis
The following people played key roles in organizing and delivering the ninth annual AEA Conference on Teaching and Research in Economic Education (CTREE):

**AEA Committee on Economic Education members**
KimMarie McGoldrick, Chair of AEA Committee on Economic Education, University of Richmond & *Journal of Economic Education*
Sam Allgood [ex officio], University of Nebraska-Lincoln & *Journal of Economic Education*
Carlos Asarta, University of Delaware
William Goffe, Pennsylvania State University
Allen Goodman, Wayne State University
Oskar Harmon, University of Connecticut
James Hornsten, Northwestern University
Thomas Nechyba, Duke University
Róisín O’Sullivan, Smith College
James Peyton, Highline College
Wendy Stock, Montana State University

**Conference Organizing/Steering Committee**
KimMarie McGoldrick, University of Richmond & *Journal of Economic Education*
Sam Allgood [ex officio], University of Nebraska-Lincoln & *Journal of Economic Education*
Oskar Harmon, University of Connecticut
James Hornsten, Northwestern University
Gwyn Loftis, American Economic Association
Julia Merry, American Economic Association
Róisín O’Sullivan, Smith College
Peter Rousseau, American Economic Association/Vanderbilt University

Jonnda Burner and Tracy White from the American Economic Association handled registration and many other details of the meeting. Susan Houston dealt with all postings regarding the conference on the AEA Committee on Economic Education webpage.
Conference in Teaching & Research in Economic Education

May 29 – 31, 2019  Hyatt Regency St. Louis at the Arch

Schedule of Events

May 29

10:00 am – 1:00 pm  Registration Desk and Exhibits Open
1:00 – 2:30 pm  Welcome and Plenary Session 1 (Stephen Chew)
2:30 – 3:00 pm  Coffee Break
3:00 – 5:00 pm  Concurrent Sessions (Block A)
5:30 pm  Participants walk (5 minutes) to Federal Reserve Board of St. Louis
5:45 – 7:45 pm  Federal Reserve Board Reception and Plenary Session 2 (B. Ravikumar)

May 30

7:00 – 8:00 am  Continental Breakfast
8:00 – 10:00 am  Concurrent Sessions (Block B)
10:00 – 10:30 am  Coffee Break
10:30 am – 12:30 pm  Concurrent Sessions (Block C)
12:30 – 1:30 pm  Lunch
1:30 – 2:45 pm  Plenary Session 3 (Anne Winkler)
2:45 – 3:15 pm  Coffee Break
3:15 – 5:15 pm  Concurrent Sessions (Block D)
5:30 – 7:00 pm  Publishers’ Reception
Dinner  Participants on Their Own

May 31

7:30 – 8:30 am  Continental Breakfast
8:30 – 10:30 am  Concurrent Sessions (Block E)
10:30 – 10:45 am  Break
10:45 – 12:15 pm  Closing and Plenary Session 4 (Robert Frank)
Wednesday, May 29

10:00 am - 1:00 pm Registration Desk and Exhibits Open

1:00 – 2:30 pm

WELCOME from KIMMARIE MCGOLDRICK, University of Richmond, and Chair of the AEA Committee on Economic Education

PLENARY SESSION 1, TBA

STEPHEN CHEW, Samford University – Topic TBA

Presiding: ROISIN O’SULLIVAN, Smith College

2:30 – 3:00 pm Coffee Break

SESSION A: 3:00 – 5:00 pm

3:00 – 5:00 pm

Presiding: MARK MAIER, Glendale Community College

CARL BYKER, Award-Winning PBS Documentarian – Producer and director of the “Hacking Your Mind” series

MARCELO CLERICI-ARIAS, Stanford University – Curricular dimensions for teaching behavioral economics

SIMON HALLIDAY, Smith College – Behavioral economics in the classroom

SHERYL BALL, Virginia Tech – Neuroeconomics and behavioral economics

3:00 – 5:00 pm
Session A2: Innovations in Assessment and Scope of Economics Courses – 2 WORKSHOPS

BEN SMITH and JAMIE WAGNER, University of Nebraska at Omaha – Calculating the Adjusted-for-Guessing Disaggregated Value-Added Learning Scores: A Workshop for Researchers, Instructors, and Departments

MADHAVI VENKATESAN, Northeastern University – Integrating Sustainability into the Principles Curriculum
3:00 – 5:00 pm
Session A3: 50 Years of the Journal of Economic Education

Presiding: JOHN SIEGFRIED, American Economic Association

WILLIAM WALSTAD, University of Nebraska-Lincoln – Continuity and Change in Economic Education over Fifty Years

SAM ALLGOOD, University of Nebraska-Lincoln and GEORG SCHAUR, University of Tennessee – 50 Years of Economic Education Research

GAIL HOYT, University of Kentucky and KIMMARIE McGOLDRICK, University of Richmond – 50 Years of Economic Instruction

SAM ALLGOOD, University of Nebraska-Lincoln and KIMMARIE McGOLDRICK, University of Richmond – Setting an Agenda for the Future

3:00 – 5:00 pm
Session A4: Strategies to Enhance the Teaching of Principles of Economics

Presiding: BRIAN MACLEAN, Laurentian University

JAMES HORNSTEN, Northwestern University – Out of This World: Teaching the Economics (and Uncertainty) of Exploring Space

JOSH STAVELEY-O'CARROLL, Babson College – Microeconomics for Business: Writing Assignments on Porter's Five Competitive Forces

THOMAS ANDREWS, West Chester University of PA – Funconomics: An Experiential Learning, Spreadsheet-Enhanced Video-Based Project for Microeconomics

NHAN LE, Alma College – Using an Online Note Taking Platform to Improve Students’ Learning in Principles of Macroeconomics

Discussants: SARAH BURKE, Villanova University
KRIPA FREITAS, University of Toronto
WHITNEY BUSER, Young Harris College
ANNA MAXIMOVA, Saint Mary's College of California

3:00 – 5:00 pm
Session A5: Strategies to Enhance the Teaching of Money/Macro Courses
**Presiding:** NICOLE SIMPSON, Colgate University

EVGENIYA DUZHAK, Federal Reserve Bank of San Francisco, JODY HOFF, Federal Reserve Bank of San Francisco, and JANE LOPUS, California State University, East Bay – Chair the Fed: Insights from Game Usage Data

THOMAS SCHEIDING, University of Hawaii – The Experiential Learning of Monetary Policy for Native Hawaiian Students

ROISIN O’SULLIVAN, Smith College – Augmenting a Money and Banking Course with Bloomberg and FRED

DIEGO MENDEZ-CARBAJO, Illinois Wesleyan University, ERIC MCDERMOTT, JOSEPH PETRY, and YANG YUHAO, University of Illinois at Urbana-Champaign – Gamification of Macroeconomics Instruction with FREDcast leagues

**Discussants:** NICOLE SIMPSON, Colgate University

JOSEPH PETRY, University of Illinois at Urbana-Champaign

EMILY MARSHALL, Dickinson College

STEPHANIE POWERS, Red Deer College

---

3:00 – 5:00 pm
Session A6: Community Engagement in Economics Education

**Presiding:** CLAIR SMITH, St. John Fisher College

DAVID HARRIS, Benedictine College – Integrating Service-Learning into an Econometrics Course: How on Earth Do I Accomplish This?

JULIEN PICAULT, University of British Columbia - Okanagan – Don’t Just Read It, Write It! - A Course Promoting Experiential Learning

ALAN BARTLEY, Transylvania University – The Benefits of Community Engagement in Economics Education

CATHERINE DOUGLAS and GAËLLE SIMARD-DUPLAIN, Vancouver School of Economics, University of British Columbia – Community Engaged Learning in Economics: Implications for Educators

**Discussants:** DOUGLAS MCKEE, Cornell University

SCOTT SIMKINS, North Carolina A&T State University

CLAIR SMITH, St. John Fisher College

SINY JOSEPH, Kansas State University

FB4
5:30 pm  Participants walk (5 minutes) to Federal Reserve Board of St. Louis
5:45 – 7:45 pm  Federal Reserve Board Reception and Plenary Session 2, TBA

Thursday, May 30

7:00 – 8:00 am  Continental Breakfast
7:00 – 8:00 am  (During breakfast) Meeting for anyone interested in economics instruction at community colleges. All welcome. Meeting Leader: Mark Maier, Glendale Community College.

SESSION B: 8:00 – 10:00 am

8:00 – 10:00 am  Session B1: Impact of Cognitive Science Research on Teaching and Research in Economic Education – PANEL

Presiding:  WILLIAM GOFFE, Pennsylvania State University

STEPHEN CHEW, Samford University – Perspective of a cognitive psychologist

JENNIFER IMAZEKI, San Diego State University – Perspective of a center for teaching and learning director

MARK MAIER, Glendale Community College – Using and assessing evidence-based teaching methods

DOUGLAS MCKEE, Cornell University – Implementing evidence-based teaching methods at Cornell University

SCOTT SIMKINS, North Carolina A&T – NSF-supported Team-Based Learning Initiative

8:00 – 10:00 am  Session B2: Innovations in Teaching Economics – 2 WORKSHOPS

G. DIRK MATEER and CHARITY JOY ACCHIARDO, University of Arizona and JADRIAN WOOTEN, Pennsylvania State University – Economics is a Kahoot!

AMY S CRAMER, TRAVIS KLEIN and ISHRAT MAHZABEEN, Pima Community College – Health Care in Three Acts: A VOTE Program Issue

8:00 – 10:00 am  Session B3: Innovations in Teaching Macroeconomics – 2 WORKSHOPS
MARC RUBIN, Towson University – An Introduction to Macro Economic Models in Excel: A Data Driven, Arithmetic Approach for Principles of Economics Students

STEPHANIE POWERS and NANDINI SHARMA, Red Deer College – Teaching Business Cycles with a Classroom Size Game of Monopoly

8:00 – 10:00 am
Session B4: Timing Issues in Teaching Economics

Presiding: GALIT EIZMAN, Harvard University

SAM ALLGOOD, University of Nebraska-Lincoln and TISHA EMERSON, Baylor University – Student Effort Through the Semester

J. FARLEY STANIEC and SHARMILA K KING, University of the Pacific – Before, During, or Never? Effects of the Timing of Developmental Math on Success in Introductory Economics

CHANDINI SANKARAN, Boston College, JOHN GORDANIER and WILLIAM HAUK, University of South Carolina – Early Intervention in College Classes and Improved Student Outcomes

Sylvia Kuo, Brown University – The Impact of Interleaving Homework on Student Outcomes

Discussants: STEVEN GREENLAW, University of Mary Washington
IRENE FOSTER, The George Washington University
BRANDON SHERIDAN, Elon University
CAROLYN STUMPH, Purdue University Fort Wayne

8:00 – 10:00 am
Session B5: Issues in Economic and Financial Education

Presiding: CARLOS ASARTA, University of Delaware


WILLIAM BOSSHARDT, Florida Atlantic University and WILLIAM WALSTAD, University of Nebraska-Lincoln – The Effects of Undergraduate Debt and Education on Employment, Further Education, and Household Decisions

TIL KAISER, University of Koblenz-Landau & German Institute for Economic Research (DIW Berlin) and LUKAS MENKHOFF, Humboldt University of Berlin & German Institute for Economic Research (DIW Berlin) – Financial Education in Schools: A Meta-Analysis of Experimental Studies
Discussants: BEN SMITH, University of Nebraska at Omaha
C2
JENNIFER WISSINK, Cornell University
JANE LOPUS, California State University, East Bay
JOSH STAVELEY-O’CARROLL, Babson College

8:00 – 10:00 am
Session B6: Instructional Innovations in Statistics and Econometrics

Presiding: KATHERINE SILZ-CARSON, United States Air Force Academy

TANYA BYKER and AMANDA GREGG, Middlebury College – Interactive Web-based Simulations to Teach Econometrics: Making Abstract Concepts Tangible

LAVINIA MOLDOVAN, Mount Royal University, Calgary – Building and Using Mapping Skills in an Introductory Statistics Class

NHAN LE, Alma College – Teaching Introductory-Level Students to Code Their Own Statistical Programs in a Data Analysis Course for Social Scientists – A Pedagogical Innovation

DOUGLAS MCKEE and GEORGE ORLOV, Cornell University – Using Invention Activities to Teach Econometrics

Discussants: DAVID HARRIS, Benedictine College
ALKA GANDHI, University of Maryland
SIMON HALLIDAY, Smith College
CHRISTIE BYUN, Wabash College

10:00 – 10:30 am Coffee Break

SESSION C: 10:30 am – 12:30 pm

10:30 am – 12:30 pm
Session C1: The College FED Challenge: Discussion of Participating in an Existing competition or organizing a competition in your Federal Reserve District – PANEL

Presiding: OSKAR HARMON and NATALIA SMIRNOVA, University of Connecticut

AARON JACKSON, Bentley University – The Boston FED Challenge
PATRICK SWEENY, University of Wisconsin-Madison – A Student-Run FED Challenge

HELEN ROBERTS, University of Illinois at Chicago – The Chicago FED Challenge

JAMES DEVAULT, Lafayette College – The Philadelphia FED Challenge

PHILIP HEAP, James Madison University – The Richmond FED Challenge

LAURA SHIPLEY, Federal Reserve Board of Governors – The National FED Challenge Final

10:30 am – 12:30 pm
Session C2: Learning by Giving and Social Value Investing – New Paradigms for Connecting Economics Classrooms and Communities – PANEL

Presiding: JULIA PAXTON, Ohio University

WILLIAM EIMICKE and HOWARD BUFFETT, Columbia University – Social Value Investing

JULIA PAXTON, Ohio University – Learning by Giving in an Introductory Course

GAIL HOYT, University of Kentucky – Learning by Giving in Upper-Level Courses

SHANNA O'BERRY, Learning by Giving Foundation – Applying for a Learning by Giving Grant

10:30 am – 12:30 pm
Session C3: Ideas for Improving Teaching and Overcoming Obstacles – 2 WORKSHOPS

WILLIAM GOFFE, Pennsylvania State University and MICHAEL ENZ, Roanoke College – Discussion of “Small Teaching: Everyday Lessons from the Science of Learning” by James Lang (Note: Participants attending this workshop should read Lang’s book in advance.)

IRENE FOSTER and MADELINE DE QUILLACQ, The George Washington University – "I am not a math person" and Other Obstacles in the Principles Classroom

10:30 am – 12:30 pm
Session C4: Interactive Platforms in Teaching Economics

Presiding: JADRIAN WOOTEN, Pennsylvania State University

STEVEN GREENLAW, University of Mary Washington – Does Adaptive, Personalized Courseware Improve Student Learning: Results from a Randomized Controlled Trial
MARK DODD, The University of Adelaide – Utilizing a Learning Experience Design Process to Co-create an Interactive Learning Object in a Principles of Economics Course

GALIT EIZMAN, Harvard University – Teach-Touch Economics

NEIL NIMAN and SCOTT LEMOS, University of New Hampshire – The Effectiveness of Interactive Homework Platforms

**Discussants:** HIUKO ADAMS, Georgia State University
VLADIMIR FLUERIMOND, Blackburn College
SYLVIA KUO, BROWN UNIVERSITY
GEORGE ORLOV, Cornell University

10:30 am – 12:30 pm
Session C5: Interactive Tools for Teaching Macroeconomics and Economic Growth

**Presiding:** ALKA GANDHI, University of Maryland

LOUISE SHEINER, Hutchins Center on Fiscal & Monetary Policy, Brookings Institution – The Fiscal Ship

NIRUPAMA DEVARAJ, Valparaiso University – Application of Discussion-Based Learning Technique in an Intermediate Macroeconomics Course

PAUL JOHNSON, University of Alaska Anchorage – A Simple Asynchronous Macroeconomics Production Experiment

PATTEN MAHLER, Centre College, ALAN GREEN, Stetson University, and DAVID TOTH, Centre College – The “Oregon Trail” of Economic Growth: A Multi-Player, Interactive Simulation

**Discussants:** DIEGO MENDEZ-CARBAJO, Illinois Wesleyan University
GRACE EAU, Georgia State University
ROBERT GAZZALE, University of Toronto
ERIC MCDERMOTT, University of Illinois at Urbana-Champaign

10:30 am – 12:30 pm
Session C6: The Impact of Contexts and Forms of Delivery on Economic Education

**Presiding:** SHELBY FROST, Georgia State University

JANINE WILSON and DEREK STIMEL, University of California, Davis – Do We Create Winners and Losers when Economics Courses Move Online?
ALEXANDER McGLOTHIN and DARSHAK PATEL, University of Kentucky and JUSTIN ROUSH, Georgia College and State University – The Impact of Expected Peer Ability on Learning Behaviors and Performance in Introductory Economics Courses

VALERIA COTronei-Baird, The University of Melbourne – An Investigation to What Extent and How Employability Skills are Integrated into University Economic Subjects

BEN SMITH, DUSTIN WHITE and JAMIE WAGNER, University of Nebraska at Omaha and PATRICIA KUZYK and ALEX PRERA, Washington State University – Appreciating Randomness! Distributional Properties of Online Student Evaluations

Discussants: ROY McLEAN, Ferris State University
JUNG SOOK You, California State University, East Bay
DAVID HARRIS, Benedictine College
ANTHONY UNDERWOOD, Dickinson College

12:30 – 1:30 pm Lunch

1:30 – 2:45 pm
PLENARY SESSION 3, TBA

ANNE WINKLER, University of Missouri – St. Louis – Topic TBA

Presiding: Oskar Harmon, University of Connecticut

2:45 – 3:15 pm Coffee Break

SESSION D: 3:15 – 5:15 pm

3:15 – 5:15 pm
Session D1: Integrating Classroom Experiments into Your Economics Course – Workshop

Presiding: KELVIN WONG, Arizona State University

KELVIN WONG, Arizona State University

ROBERT GAZZALE, University of Toronto

RACHEL LANDSMAN, Bucknell University
3:15 – 5:15 pm
Session D2: FRED in the Intermediate and Advanced Classrooms – Workshop

Presiding: Diego Mendez-Carvajal, Illinois Wesleyan University

Diego Mendez-Carvajal, Illinois Wesleyan University

Keith Taylor, Federal Reserve Bank of St. Louis

Mark Bayles, Federal Reserve Bank of St. Louis

3:15 – 5:15 pm
Session D3: What Should Go Into the Only Economics Course Students Will Ever Take?

Presiding: James Tierney, Pennsylvania State University


Scott Wolla, Federal Reserve Bank of St. Louis – Making Economics Stick through Student Engagement and Assessment

Martha Olney, University of California, Berkeley – Promoting Diversity Through Pedagogy

Mike Urbancic, University of Oregon – Knowing What We Don't Know: Striving Toward a More Authentic Introduction to Economics

Discussants: Wendy Stock, Montana State University
William Goffe, Pennsylvania State University
Natalia Smirnova, University of Connecticut
Kim Holder, University of West Georgia

3:15 – 5:15 pm
Session D4: Modes of Teaching: Flipped, Online and Hybrid

Presiding: Charity Joy Acchiardo, University of Arizona

Kathy Archer, Grand Canyon University – Student Motivation In Online Intro Classes: Is It About Teaching Presence?

Leonie Karkovita, Ed Mineman and Renee Edwards, University of Houston – Challenges and Possible Solutions to Actively Engage the Online Student in a Principles of Economics Course
Kara Smith, Belmont University – Is it Facetime or Structure and Accountability that Matter? Moving from a Flipped to a Flipped/Hybrid Classroom

Grace Eau and Shelby Frost, Georgia State University – A New Model – Case for Principles of Economics at Georgia State University

Discussants: Janine Wilson, University of California, Davis
Paul Johnson, University of Alaska Anchorage
Patricia Robak, Drexel University
Scott Lemos, University of New Hampshire

3:15 – 5:15 pm
Session D5: Race and Gender in Economic Education

Presiding: Caleb Lewis, Aurora University

Tisha Emerson, Baylor University, KimMarie McGoldrick, University of Richmond and Scott Simkins, North Carolina A&T State University – The Study of Economics at HBCUs and PWIs

Seyyed Ali Zeytoon Nejad Moosavian, North Carolina State University – Identifying Students’ Learning Style Preferences: Comparisons across Genders, Majors, and Class Standings

Laura Ahlstrom, Oklahoma State University and Rebecca Chambers, Michigan State University – Instructor Gender and Student Performance in Introductory Economics Courses: Is There a Role Model Effect?

Jens Schubert, University of Delaware – The Role of Gender in Norm-Based Comparison

Discussants:
Kristina Sargent, Middlebury College
Sai Madhurika Mamunuru, University of Massachusetts
Scott Houser, Colorado School of Mines
Madhavi Venkatesan, Northeastern University

3:15 – 5:15 pm
Session D6: Topics in Economic Education Research

Presiding: Chandini Sankaran, Boston College

George Orlov, Cornell University – Total Recall? Short- and Long-Term Retention of Statistics and Econometrics Skills
BRANDON SHERIDAN, Elon University and BEN SMITH, University of Nebraska at Omaha – How Often Does Active Learning Occur and Is It Effective? A Quantitative Approach

DOUGLAS MCKEE, GEORGE ORLOV and JENNIFER WISSINK, Cornell University – The Causal Impact of Office Hours on Student Learning

JAMES HORNSTEN, Northwestern University – How Do Top Economics Ph.D. Programs Prepare Students for Teaching Positions?

DISCUSSANTS:
TANYA BYKER, Middlebury College
TIM KAISER, University of Koblenz-Landau & DIW Berlin
WILLIAM BOSSHARDT, Florida Atlantic University
NEIL NIMAN, University of New Hampshire

5:30 – 7:00 pm Publishers’ Reception
Co-sponsored by: TBA
Dinner – Participants on Their Own

Friday, May 31

7:30 – 8:30 am Continental Breakfast
7:30 – 8:30 am (During breakfast) Meeting for anyone interested in issues regarding teaching-track (non-tenure-track) faculty. All welcome. Meeting Leader: Kim Holder, University of West Georgia.

SESSION E: 8:30 – 10:30 am

8:30 – 10:30 am
Session E1: Making a Lasting Impression – PANEL

Presiding: WILLIAM GOFFE, Pennsylvania State University

G. DIRK MATEER, University of Arizona – I Am an Introvert But You Would Never Know It

WILLIAM GOFFE, Pennsylvania State University – Even in an Active Class You Will Lecture Some: Best Practices from Cognitive Science

KIM HOLDER, University of West Georgia and JOANA GIRANTE, Arizona State University – Make Coming to Class Worth It When Students’ Opportunity Cost of Time is High
8:30 – 10:30 am
Session E2: Creating and Advising Women in Economics Programs – PANEL

Presiding: SUSAN REILLY, Florida State College at Jacksonville

CHANDINI SANKARAN, Boston College – Creating a Women in Economics Club

JADRIAN WOOTEN, Pennsylvania State University – Advising a Women in Economics Club

ERIN YETTER, University of Arizona – Garnering Departmental Support for a Club

8:30 – 10:30 am
Session E3: Using Tools of the Trade Around You to More Effectively Engage Students in the Classroom

Presiding: HOSSEIN KAZEMI, Stonehill College

HOSSEIN KAZEMI, Stonehill College – How to Teach Macroeconomics and Monetary Policy Using Technology, Current News, and Data

CHRISTIAN ZIMMERMANN and SCOTT WOLLA, Federal Reserve Bank of St. Louis – RePEc in the Classroom

HUMBERTO BARRETO, DePauw University – Rational Addiction with Excel

EMILY MARSHALL, Dickinson College – Teaching a Seminar on the Great Recession

Discussants: SCOTT WOLLA, Federal Reserve Bank of St. Louis
OSKAR HARMON, University of Connecticut
NATALIA SMIRNOVA, University of Connecticut
ALEXANDER EIERMANN, Stonehill College

8:30 – 10:30 am
Session E4: Ethics and Social Preferences and Values in Economics.

Presiding: ALAN BARTLEY, Transylvania University

SIMON HALLIDAY, Smith College – Updating Undergraduate Micro: How to Teach Social Preferences

MADHAVI VENKATESAN, Northeastern University – Teaching the Economics of Race

SCOTT HOUSER and BECKY LAFRANCOIS, Colorado School of Mines – Using Micro-Insertions to Promote Ethical Sensitivity in Principles of Economics
DANIELE GIRARDI and SAI MADHURIKA MAMUNURU, University of Massachusetts, Amherst, SIMON HALLIDAY, Smith College and SAMUEL BOWLES, Santa Fe Institute – Does (Conventional) Economics Make You Selfish?

**Discussants:** AVI J COHEN, York University and University of Toronto
MARThA OLNey, University of California, Berkeley
OWEN SVALESTAAD, University of Connecticut
CATHERINE DOUGLAS, Vancouver School of Economics, University of British Columbia

8:30 – 10:30 am
**Session E5: Low-Stakes Assessment, Partial Team-Based Learning and Other Strategies to Enhance Economic Instruction**

**Presiding:** SYLVIA KUO, Brown University

KRIPA FREITAS, University of Toronto – Using Low-Stakes Writing to Complement Algorithmic Problem-Solving in Large Classes

DARIA BOTTAN and GEORGE ORLOV Cornell University – Gender Differences in Performance on High vs. Low Stakes Exams

SINY JOSEPH, Kansas State University – Partial TBL in Econ 101: Adaptations in Content Versus Format

MARKETA WOLFE, Skidmore College – Integrating Data Analysis into a Flipped, Team-Based Introductory Macroeconomics Course

**Discussants:** LAVINIA MOLDOVAN, Mount Royal University, Calgary
RACHEL LANDSMAN, Bucknell University
KARA SMITH, Belmont University
KATHERINE SILZ-CARSON, United States Air Force Academy

8:30 – 10:30 am
**Session E6: Incorporating Social (and other) Media into Economics Courses**

**Presiding:** AMY S CRAMER, Pima Community College

NICOLE SCHONECKER, Coastal Carolina University and JAMES TIERNEY, Pennsylvania State University – Teaching with Trump Tweets

ABDULLAH AL-BAHRANI, Northern Kentucky University, JILL HAYTER, East Tennessee University and WHITNEY BUSER, Young Harris College – Do Interactive Group Projects Increase Classroom Engagement?
PAUL CONANT and OSKAR HARMON, University of Connecticut – Teaching of Sports Economics by Reacting to the Past

SARAH BURKE, Villanova University, PATRICIA ROBAK, Drexel University and CAROLYN STUMPH, Purdue University Fort Wayne – Surfing You-Tube for Increasing Marginal Returns on Student Engagement in Introductory Microeconomics

**Discussants**: AMY S CRAMER, Pima Community College
GALIT EIZMAN, Harvard University
JULIEN PICIAULT, University of British Columbia - Okanagan
KELVIN WONG, Arizona State University

10:45 am – 12:15 pm

**PLENARY SESSION 4 & Closing**

ROBERT FRANK – Cornell University

Presiding: JAMES HORNSTEN, Northwestern University