

PROGRAM

# 59<sup>TH</sup> NABE ANNUAL MEETING

Prospects for Growth:  
*Reassessing the Fundamentals*

September 23-26, 2017

Hilton Cleveland Downtown • Cleveland, OH



**NABE**  
National Association for Business Economics



#NABE2017

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### DEAR COLLEAGUE:

Welcome to Cleveland and to the 59th NABE Annual Meeting! Over the next few days, we expect this conference to provide you with cutting-edge insights you can immediately put to use for your employer, your clients, or your business.

This year's NABE Annual Meeting will debate collective challenges under the theme **Prospects for Growth: Reassessing the Fundamentals**. You will hear from leading economists and policymakers as they dissect the shifts underway in the nature and contours of globalization, the prospects for global trade, and mercantilist tensions visible just below the surface. We will debate the future of work, new business models, the productivity puzzle, and the role of business economists in an innovation tech-driven economy. Be sure to take advantage of the many opportunities to connect to your NABE colleagues, as you never know when and where you might pick up a critical insight - in a hallway, at a reception, or over a cup of coffee.

For your convenience, speakers' handouts and remarks will be posted on [www.NABE.com/AM2017\\_Materials](http://www.NABE.com/AM2017_Materials) before, during, and after the conference. To help us plan future conferences, please be sure to return the appraisal form at the program's conclusion on Tuesday afternoon.

Our sincerest thanks for arranging this exciting program go to the NABE conference planning committee, led by chairs **Constance Hunter, CBE**, KPMG, **Arun Raha, CBE**, Eaton Corporation, and **Sara Rutledge**, NCREIF.

Again, welcome to Cleveland. Enjoy!

Sincerely yours,



Two handwritten signatures in black ink. The signature on the left appears to be "Stuart Mackintosh, CBE" and the signature on the right appears to be "Constance Hunter".

**Stuart Mackintosh, CBE**  
2016-17 NABE President  
Executive Director, Group of Thirty

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CERTIFIED BUSINESS ECONOMIST

Individuals who have earned the Certified Business Economist® (CBE) Certification are required to earn 30 continuing education credit hours every two years. The NABE Annual Meeting qualifies for 20 continuing education credit hours. For more information on earning your CBE, go to [www.NABE.com/CBE](http://www.NABE.com/CBE).



As a participant in the CFA Institute Approved-Provider Program, NABE has determined that this program qualifies for 20 credit hours. If you are a CFA Institute member, CE credit for your participation in this program will be automatically recorded in your CE Diary. Please provide your CFA member number at the registration desk to claim your CE credit.

## CONFERENCE INFORMATION

### Registration

The meeting registration booth is located in the Ballroom Foyer.

Registration hours are as follows:

<b>Saturday, September 23</b>	<b>4:00 PM – 6:00 PM</b>
<b>Sunday, September 24</b>	<b>8:30 AM – 5:00 PM</b>
<b>Monday, September 25</b>	<b>7:00 AM – 5:00 PM</b>
<b>Tuesday, September 26</b>	<b>7:30 AM – 2:30 PM</b>

### Press Room

Registered members of the press may use the **Center Street C** room throughout the conference.

### Admission to Annual Meeting Events

Please wear your badge for access to conference sessions, exhibit hall, and receptions. Tickets (located behind your name badge) are required for entry to all meal functions.

### Small Group Dinners

The Small Group Dinners will take place at 7:30 PM on Monday night at popular restaurants near the hotel. **Pre-registration is required.** Meet your group at the conclusion of the reception at the Federal Reserve Bank of Cleveland. Each dinner group is led by a subject matter expert and is limited to 8 total participants.

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**Our sincerest thanks to the NABE Annual Meeting Planning Committee for their outstanding work:**

**Constance Hunter, CBE, KPMG** (co-chair)

**Arun Raha, CBE, Eaton Corporation** (co-chair)

**Sara Rutledge, National Council of Real Estate Investment Fiduciaries** (co-chair)

**Manuel Balmaseda, CBE, CEMEX**

**Anna Breman, Swedbank**

**Julia Coronado, MacroPolicy Perspectives, LLC**

**Lisa Emsbo-Mattingly, CBE, Fidelity Investments**

**Allen Irish, American Coatings Association**

**Jack Kleinhenz, CBE, National Retail Federation**

**Kevin Kliesen, CBE, Federal Reserve Bank of St. Louis**

**Jed Kolko, Indeed**

**Stuart Mackintosh, CBE, The Group of Thirty**

**Mark Schweitzer, Federal Reserve Bank of Cleveland**

**William Strauss, CBE, Federal Reserve Bank of Chicago**

**Mine Yücel, CBE, Federal Reserve Bank of Dallas**

**Thanks also to the 2016-2017 Roundtable Leaders:**

*Data / Statistics*

**Mike Bailey, Facebook; Issi Romem, Buildzoom**

*Energy*

**Marianne Kah, ConocoPhillips; Jeff Meyer, IHS Markit**

*Finance*

**Barry Bannister, Stifel Financial Corp.; Augustine Faucher, The PNC Financial Services Group; Stephen Gallagher, CBE, Societe Generale**

*Health Economics*

**Robert Graboyes, Mercatus Center at George Mason University;**

**Sarah House, Wells Fargo**

*International*

**Jay Bryson, Wells Fargo; Michael McDonough, Bloomberg LP**

*Manufacturing*

**Martha Moore, CBE, American Chemistry Council;**

**Chad Moutray, CBE, National Association of Manufacturers;**

**David Teolis, General Motors Corp.**

*Policy*

**Ross DeVol, Milken Institute; Ed Kean, Observatory Group;**

**Ellen Zentner, Morgan Stanley**

*Real Estate / Construction*

**Richard Koss, Global Housing Watch Initiative, IMF;**

**Lawrence Yun, National Association of REALTORS®**

*Regional / Utilities*

**Marisa DiNatale, Moody's Analytics; Keith Phillips, Federal Reserve Bank of Dallas – San Antonio Branch**

*Small Business / Entrepreneurship*

**Dan Bean, FDIC; Corrine Fusso, Visa; Holly Wade, NFIB**

*Transfer Pricing*

**Karen Kirwan, CBE, IRS; Jill Weise, CBE, Duff and Phelps**

*Transportation*

**Walter Kemmsies, JLL; Sam Kyei, CBE, BNSF Railway;**

**Tim Mullaly, FedEx; Shannon Valenti Cheng, PGE**



# 59TH NABE ANNUAL MEETING

## Prospects for Growth: Reassessing the Fundamentals

## EXHIBIT HALL

Exhibits will be open in Hope A-C during these hours:

Sunday, September 24	10:00 AM – 5:30 PM
Monday, September 25	7:00 AM – 5:30 PM
Tuesday, September 26	7:30 AM – 2:00 PM

## EXHIBITORS

### Barry Lerner

CEIC Data

[blerner@securities.com](mailto:blerner@securities.com)

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### Iain Williamson

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### Pete Ungberg

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### Dirkje Viljoen

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### Cathy Christ

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### Julia L. Coronado

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

### Kyle Brown

US Bureau of Economic Analysis

[kyle.brown@bea.gov](mailto:kyle.brown@bea.gov)

[www.bea.gov](http://www.bea.gov)

### Philip W. Thompson

US Census Bureau

[philip.w.thompson@census.gov](mailto:philip.w.thompson@census.gov)

[www.census.gov](http://www.census.gov)

## PRE-CONFERENCE EVENTS

### SATURDAY, September 23

**1:30 PM - 4:30 PM**

#### Cuyahoga River Tour

(separate registration required)

**2:00 PM - 2:40 PM**

#### Great Lakes Shipping: An Overview and Outlook

William A. Strauss#, CBE, Senior Economist,

Federal Reserve Bank of Chicago

**2:45 PM - 4:15 PM**

#### Cuyahoga River Tour by Boat

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**5:15 PM - 6:30 PM**

**President's Welcome Reception**

Hosted by *Macroeconomic Advisers, LLC*

(open to all attendees)

*Center Street A*

**6:30 PM - 8:30 PM**

**Dinner with the Author**

(separate registration required)

*Center Street C*

**Stephen D. King**, Senior Economic Adviser, HSBC; Author of *Grave New World: The End of Globalization, the Return of History*  
Dinner includes a copy of *Grave New World* and book signing.

## PROGRAM SESSIONS

**SUNDAY, September 24**

**9:00 AM - 10:00 AM**

**Certified Business Economist® Breakfast**

**(CBE-only event)**

*Center Street A*

**10:00 AM - 10:45 AM**

**Skills Seminar I: Tools of Advanced Analytics & Artificial Intelligence**

*Hope D*

**Kenneth Sanford**, U.S. Lead Analytics Architect, Dataiku

**10:45 AM - 11:45 AM**

**The Changing Face of U.S. Retail: Consumers, Employees, Technologies**

*Hope D*

**Bala Ganesh**, Vice President, Marketing, UPS

**Stephen Laughlin**, Vice President & General Manager, Global Consumer Industry, IBM

**Linda Vytlacil**, Vice President, Retail Analytics, Walmart Stores, Inc.

**Moderator: Jack Kleinhenz\***, CBE, Chief Economist, National Retail Federation

**11:45 AM - 1:10 PM**

**Keynote Luncheon**

*Hope E*

**Austan D. Goolsbee**, Robert P. Gwinn Professor of Economics, University of Chicago Booth School of Business

**Introduction: Nela Richardson\***, Chief Economist, Redfin

**Presentation of Adolph G. Abramson Award, Abramson Scroll, Edmund A. Mennis Contributed Paper Award, and the NABE Outlook Award**

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\* Current NABE Director or Officer

# Former NABE Director or Officer

+ Former NABE President

**1:15 PM - 2:15 PM**

**NBER Session: Future of Work and the Impact of Automation**

*Hope D*

**David J. Deming**, Professor of Public Policy, Harvard Kennedy School; Professor of Education and Economics, Harvard Graduate School of Education

**John Van Reenen**, Professor of Applied Economics, MIT Sloan School of Management

**Moderator:** **Jack Kleinhenz<sup>+</sup>, CBE**, Chief Economist, National Retail Federation

**2:20 PM - 3:20 PM**

**Concurrent Sessions I**

**A. The Rise of the Economists: The Pivotal Roles Played by Economists at Tech Firms**

*Hope D*

**Carolyn Evans**, Senior Data Scientist, Intel Corporation

**Igor Popov**, Economist, Airbnb

**Steve Tadelis**, Professor of Economics, Business and Public Policy, Haas School of Business - UC Berkeley

**Moderator:** **Issi Romem**, Chief Economist, BuildZoom

**B. Commercial Real Estate in a Changing Economy**

*Center Street A*

**Jim Costello**, Senior Vice President, Real Capital Analytics

**Prashant Tewari**, Chief Investment Strategist, Townsend Group

**Moderator:** **Sara Rutledge<sup>\*</sup>**, Director of Research, NCREIF

**C. Presentation of Edmund A. Mennis Award-Winning Papers**

*Center Street B*

**America's Online Jobs: Measurements and Influencing Factors**

**Christopher Hooton**, Chief Economist, Internet Association

**Quantifying the Housing Recovery: Which MSAs are Experiencing Bubbles?**

**Azhar Iqbal**, Director and Econometrician, Wells Fargo

**Mark Vitner, CBE**, Senior Economist and Managing Director, Wells Fargo

**Moderator:** **Charles Steindel<sup>#</sup>, CBE**, Editor, *Business Economics*

**3:20 PM - 3:50 PM**

**Networking Break**

Exhibit Space, *Hope A-C*

**3:50 PM - 4:45 PM**

**Policy Implications of Global Demographic Changes**

*Hope D*

**Karen Dynan**, former Assistant Secretary for Economic Policy and Chief Economist, U.S. Treasury Department; Professor of the Practice, Harvard University

**Jason Fichtner**, Senior Research Fellow, Mercatus Center at George Mason University

**Moderator:** **Julia Coronado<sup>\*</sup>**, President and Founder, MacroPolicy Perspectives, LLC

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**4:45 PM - 5:15 PM**

**NABE Presidential Address: *Business Economics in a Post-Truth Era***

*Hope D*

**Stuart Mackintosh\***, CBE, 2016-17 NABE President; Executive Director, The Group of Thirty

**5:15 PM - 5:25 PM**

**\$26 Oil and Hurricane Harvey: What's Next for Houston?**

*Hope D*

**Patrick Jankowski<sup>#</sup>**, Senior Vice President, Research, Greater Houston Partnership

**5:25 PM - 5:45 PM**

**NABE Business Meeting**

*Hope D*

**6:30 PM - 8:00 PM**

**Reception at the Rock & Roll Hall of Fame**

Hosted by *KPMG*

*(Museum open to NABE attendees until 9:00 PM)*

1100 E. 9th Street, Cleveland, OH

Attendees will walk to the reception (15 mins). Exit out of hotel lobby, turn right on Lakeside Avenue, left on 9th Street.

## MONDAY, September 25

**7:00 AM - 8:00 AM**

**Continental Breakfast**

Hosted by *Fannie Mae*

Exhibit Space, *Hope A-C*

**8:00 AM - 8:45 AM**

***Between Debt and the Devil: Money, Credit, and Fixing Global Finance***

*Hope D*

**Lord Adair Turner**, former Chairman, UK Financial Services Authority; Chairman, Institute for New Economic Thinking

**Moderator: Rich Brown<sup>#</sup>, CBE**, Chief Economist, Associate Director, Division of Insurance and Research, FDIC

**8:45 AM - 9:45 AM**

***Drivers of Political Shifts Across Advanced Economies***

*Hope D*

**Peter K. Schott**, Juan Trippe Professor of Economics, Yale School of Management

**Luigi Zingales**, Robert C. McCormack Distinguished Service Professor of Entrepreneurship and Finance and Charles M. Harper Faculty Fellow, The University of Chicago Booth School of Business

**Moderator: Sree Ramaswamy**, Partner, McKinsey Global Institute

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\* Current NABE Director or Officer

# Former NABE Director or Officer

+ Former NABE President

**9:45 AM - 10:00 AM**

### **NABE Outlook**

*Hope D*

**Mine Yücel\*, CBE**, 2016-17 NABE Vice President; Senior Vice President and Research Director, Federal Reserve Bank of Dallas

**10:00 AM - 10:30 AM**

### **Networking Break**

Exhibit Space, *Hope A-C*

**10:30 AM - 11:15 AM**

### **A View from the Cleveland Clinic**

*Hope D*

**Toby Cosgrove**, CEO, Cleveland Clinic

**Moderator:** **Paul Hughes-Cromwick, CBE**, Center for Sustainable Health Spending, Altarum

**11:15 AM - 12:00 PM**

### **Global Economic Challenges and Opportunities**

*Hope D*

**Tao Zhang**, Deputy Managing Director, International Monetary Fund

**Moderator:** **Manuel Balmaseda\***, CBE, Global Chief Economist, CEMEX

**12:00 PM - 1:30 PM**

### **Luncheon & 2017 Adam Smith Award Lecture**

*Hope E*

**Raghuram Rajan**, former Governor, Reserve Bank of India; Katherine Dusak Miller Distinguished Service Professor of Finance, The University of Chicago Booth School of Business

**Introduction:** **Stuart Mackintosh\*, CBE**, 2016-17 NABE President; Executive Director, The Group of Thirty

*Presentation of NABE Fellows*

*Recognition of Retiring Directors*

**1:35 PM - 2:35 PM**

### **Concurrent Sessions II**

#### **A. New Platforms and Business Models and the Changing Capital Structure of Housing**

*Hope D*

**Igor Popov**, Economist, Airbnb

**Nela Richardson\***, Chief Economist, Redfin

**James (Jim) Riccitelli**, Co-CEO, Unison Home Ownership

**Moderator:** **Lawrence Yun**, Chief Economist and Senior Vice President of Research, National Association of REALTORS®

#### **B. Outlook for the Global Supply Chain in the Decade Ahead**

*Center Street A*

**Thomas W. Derry**, Chief Executive Officer, Institute for Supply Management (ISM)

**Mike A. Jackson**, Executive Director, Original Equipment Suppliers Association (OESA)

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**Susan Helper**, Frank Tracy Carlton Professor of Economics, Case Western Reserve University

**Moderator: Martha Moore, CBE**, Senior Director for Policy Analysis and Economics, American Chemistry Council

**C. *Productivity in the Healthcare Sector: Can We Boost It?***

*Center Street B*

**Mikkael Sekeres**, Director, Leukemia Program; Vice-Chair for Clinical Research, Cleveland Clinic Taussig Cancer Institute

**Mark Votruba**, Associate Professor, Center for Healthcare Research and Policy, Case Western Reserve University School of Medicine

**Moderator: Sarah House**, Economist, Wells Fargo Securities

**2:35 PM - 3:00 PM**

**Networking Break**

Exhibit Space, *Hope A-C*

**3:00 PM - 4:00 PM**

**Concurrent Sessions III**

**A. *The Shift to a Smaller Fed Balance Sheet: Mechanics and Impact***

*Hope D*

**Seth Carpenter**, Managing Director and Chief U.S. Economist, UBS

**Julie Remache**, Senior Vice President, Federal Reserve Bank of New York

**Moderator: Ellen Zentner**, Managing Director, Chief U.S. Economist, Morgan Stanley

**B. *Prioritizing Infrastructure Investment***

*Center Street A*

**Chad Shirley**, Deputy Assistant Director, Microeconomic Studies Division, Congressional Budget Office

**Adie Tomer**, Head of The Metropolitan Infrastructure Initiative, The Brookings Institution

**Frederick Treyz**, CEO and Chief Economist, Regional Economic Models, Inc. (REMI)

**Moderator: Ken Simonson**<sup>+</sup>, Chief Economist, The Associated General Contractors of America

**C. *Regional Perspectives on the Future of Global Trade***

*Center Street B*

**Peter Hall**, Chief Economist, Export Development Canada

**Roger Josefsson**, Chief Economist, Macrobond

**Arup Raha**, Chief Economist and Head of Research, RHB Banking Group

**Moderator: Kevin Swift**<sup>#</sup>, CBE, Chief Economist, American Chemistry Council

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<sup>\*</sup> Current NABE Director or Officer

# Former NABE Director or Officer

<sup>+</sup> Former NABE President

**4:05 PM - 5:00 PM**

***Business Perspectives on the Economic Outlook***

*Hope D*

**Gary R. Heminger**, Chairman, President and Chief Executive Officer, Marathon Petroleum Corporation

**Richard Smucker**, Executive Chairman, J.M. Smucker Corporation

**Moderator:** **Mark Schweitzer**, Senior Vice President, External Outreach & Regional Analytics, Federal Reserve Bank of Cleveland

**5:00 PM - 5:50 PM**

***Measuring the Economy with New Data***

*Hope D*

**Alberto Cavallo**, Co-founder, *Billion Prices Project*, Professor of Information Technology and Management, MIT

**John Han**, Head of Research and Analysis, Orbital Insight

**Moderator:** **Jed Kolko**, Chief Economist, Indeed

**6:15 PM - 7:30 PM**

**Reception**

Hosted by *the Federal Reserve Bank of Cleveland*

1455 E. 6th Street

Cleveland, OH

Attendees will walk to the Federal Reserve Bank of Cleveland (8 mins). Right on Lakeside, right on Mall, left on Rockwell, right on 6th. Please use the **Superior Avenue** entrance.

Must present current driver's license or government-issued photo ID at security.

**7:30 PM**

**Small Group Dinners**

*Area Restaurants*

**Pre-registration required.** Dinner groups will meet at the conclusion of the FRB Cleveland reception. Groups will walk together to the restaurants.

**9:00 PM**

***Get Connected Networking Meetup***

*Bar 32*

Located on the 32nd floor, Hilton Cleveland Downtown



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## TUESDAY, September 26

**7:30 AM - 8:00 AM**

### **Continental Breakfast**

Hosted by *Alliance for Market Solutions*

Exhibit Space, *Hope A-C*

**8:00 AM - 8:45 AM**

### ***A View from KeyCorp***

*Hope D*

**Beth Mooney**, Chairman and CEO, KeyCorp

**Moderator:** **Constance Hunter**\*, CBE, Chief Economist, KPMG

**8:45 AM - 9:30 AM**

### ***Outlook for Tax Reform***

*Hope D*

**Martin Feldstein**, George F. Baker Professor of Economics,  
Harvard University

**Moderator:** **Stuart G. Hoffman**\*, CBE, Senior Economic Advisor,  
The PNC Financial Services Group

**9:30 AM - 10:20 AM**

### ***Global Outlook***

*Hope D*

**Gregory Daco**\*, Chief U.S. Economist, Oxford Economics

**Sara Johnson**\*, CBE, Economics Executive Director, IHS Markit

**Klaus Masuch**, Principal Adviser, European Central Bank

**Moderator:** **Loretta Mester**, President and CEO, Federal Reserve  
Bank of Cleveland

**10:20 AM - 10:50 AM**

### ***Networking Break***

Exhibit Space, *Hope A-C*

**10:50 AM - 11:50 AM**

### **Concurrent Sessions IV**

#### **A. *Blockchain as a Disruptor: Implications for Central Banks, Governments, and Businesses***

Presented by *CFA Society Cleveland* and *NABE*

*Hope D*

**David Andolfatto**, Vice President, Federal Reserve Bank of St. Louis

**Christopher Calicott**, Managing Director, Trammell Venture  
Partners

**Moderator:** **Lisa Emsbo-Mattingly**\*, CBE, Director of Research -  
Global Asset Allocation, Fidelity Investments

#### **B. *Peak Oil Demand: Timing and Implications***

*Center Street A*

**Antoine Halff**, Senior Research Scholar, Center on Global  
Energy Policy, Columbia University

**Ken Medlock**, Senior Director, Center for Energy Studies,  
Rice University's Baker Institute for Public Policy

**Scott Nyquist**, Senior Partner, McKinsey & Company

**Moderator:** **Marianne Kah**, Chief Economist, ConocoPhilips

\* Current NABE Director or Officer

# Former NABE Director or Officer

+ Former NABE President

**C. U.S. Small Business and Prospects for Growth***Center Street B***Michael E. Goldberg**, Assistant Professor, Weatherhead School of Management, Case Western Reserve University**Marty Mitchell**, CEO, Mitchell & Best Homes**Mark Schweitzer**, Senior Vice President, External Outreach & Regional Analytics, Federal Reserve Bank of Cleveland**Moderator: Holly Wade**, Director of Research and Policy Analysis, National Federation of Independent Business**11:50 AM - 1:30 PM****Keynote Luncheon Address***Superior Ballroom D (5th Floor)***Janet Yellen**, Chair, Board of Governors of the Federal Reserve System**Moderator: Chris Varvares\***, CBE, Senior Managing Director and Co-founder, Macroeconomic Advisers, LLC**1:30 PM - 2:00 PM****Networking Break**Hosted by *Haver Analytics*Exhibit Space, *Hope A-C***2:00 PM - 2:45 PM*****A View from the Trump Administration****Hope D***Mick Mulvaney**, Director, U.S. Office of Management and Budget**Moderator: Lynn Reaser\***, CBE, Chief Economist, Point Loma Nazarene University**2:45 PM - 3:45 PM*****Planes, Cranes, and Automobiles: Future of Manufacturing****Hope D***Nicolas Clerc**, Chief Economist, Caterpillar**Jan Hogrefe**, Chief Economist, Boeing Commercial Airplanes**Emily Kolinski Morris\***, CBE, Chief Economist, Ford Motor Company**Moderator: Arun Raha\***, CBE, Chief Economist, Eaton Corporation**3:45 PM****Adjourn****CBE EXAM****WEDNESDAY, September 27****9:00am - 12:30pm***(optional, registration required)***Ready to become a Certified Business Economist (CBE)?**See Tara Munroe at the CBE booth to register for the exam; go to [www.NABE.com/CBE](http://www.NABE.com/CBE) for more information.

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## 2017 NABE AWARDS

### Adolph G. Abramson Award

*Best paper to appear in Business Economics over the past year*

*Prices of High-Tech Products, Mismeasurement, and the Pace of Innovation*

**David M. Byrne**, Principal Economist, Board of Governors of the Federal Reserve System

**Stephen D. Oliner**, Resident Scholar and Co-Director of International Center on Housing Risk, American Enterprise Institute

**Dan Sichel**, Professor of Economics, Wellesley College

### Abramson Scroll

*Are Young People Becoming More Risk Averse? An Analysis of Factors Contributing to the Rise in Precautionary Savings Among Young Adults*

**LaVaughn Henry, CBE**, Banking and Regulatory Policy Analyst, FDIC

### NABE Outlook Award

*Most accurate forecaster over the past 4 quarters*

**Chris Rupkey**, MUFG Union Bank

### Adam Smith Award

**Raghuram Rajan**, Katherine Dusak Miller Distinguished Service Professor of Finance, The University of Chicago Booth School of Business

### Edmund A. Mennis Contributed Paper Award

*America's Online Jobs: Measurements and Influencing Factors*

**Christopher Hooton**, Chief Economist, Internet Association  
*Quantifying the Housing Recovery: Which MSAs are Experiencing Bubbles? (2nd place)*

**Azhar Iqbal**, Director and Econometrician, Wells Fargo

**Mark Vitner, CBE**, Senior Economist and Managing Director, Wells Fargo

### New NABE Fellows

**Richard Brown, CBE**, FDIC

**Catherine Mann**, OECD

**William Strauss, CBE**, Federal Reserve Bank of Chicago

### NABE Retiring Board Members

**Manuel Balmaseda, CBE**, CEMEX

**Jim Diffley, CBE**, IHS Markit

**Sara Rutledge**, NCREIF

**John Silvia, CBE**, Wells Fargo

**Kathleen Stephansen, CBE**, Huawei Technologies

## OTHER UPCOMING NABE EVENTS

### NABE Economics Career Fair

**November 3, 2017**

NAHB Conference Center  
Washington, DC

### NABE TEC 2017

#### Tech Economics Conference, Career Fair, and Expo

*Economics in the Age of  
Algorithms, Experiments,  
and A.I.*

**November 15-16, 2017**

Seattle Marriott Waterfront  
Seattle, WA

### 34th Annual NABE Economic

#### Policy Conference

**February 25-27, 2018**  
Capital Hilton  
Washington, DC

### 60th NABE Annual Meeting

**September 29 - October 2, 2018**

Westin Copley Place  
Boston, MA

## CBE EDUCATION COURSES

**September 27, 2017**

#### Writing Skills for Business Economists & Analysts

Hilton Cleveland  
Cleveland, OH  
*Space may still be available -  
check at registration desk*

**October 2-5, 2017**

#### Applied Econometrics

Federal Reserve Bank of  
Kansas City - Denver Branch  
Denver, CO

**September 28-29, 2017**

#### Communication & Presentation Skills for Business Economists & Analysts

Hilton Cleveland  
Cleveland, OH  
*Space may still be available -  
check at registration desk*

**November 13-14, 2017**

#### Machine Learning and Data Science for Economists

Seattle Marriott Waterfront  
Seattle, WA

## CBE EXAM DATES

**September 27, 2017**

Cleveland, OH

**October 6, 2017**

Denver, CO

**November 15, 2017**

Seattle, WA

*For more information, go to  
NABE.com/CBE.*

### Tweeting the Conference?

Don't forget to include



#NABE2017



WiFi is available at no cost for  
conference attendees.

**Network:** [Hilton\\_Meetings](#)  
**Password:** [NABE2017](#)