

Welcome

We are delighted to welcome the 2013 CAED conference to the Atlanta Fed. Understanding the challenges facing, decision making processes in, and economic successes of enterprises of all shapes and sizes plays an important role in policy making. A deep understanding of all aspects of business dynamics, is, now more than ever, integral to the Federal Reserve's pursuit of its dual mandate of stable prices and maximum sustainable employment growth. Furthermore, analyses of the behavior of firms even in countries other than the U.S. can provide valuable insights to the implications of different policies and institutional structures for their success. Congratulations on an accomplished body of research, and I hope that we can provide for you a comfortable and hospitable environment in which you can share and discuss your work.

David E. Altig
Executive Vice President and Director of Research
Federal Reserve Bank of Atlanta

Welcome to the 2013 CAED conference! The CAED conference presents an exciting opportunity for researchers using business microdata to present their latest results and to learn from their colleagues; thus fulfilling the mission of the CAED conference to promote scientific research using business data. The years since the first CAED have seen impressive growth in the availability of business microdata and in the research (empirical and theoretical) built upon these data. This growth is evident in the depth and breadth of topics covered in this twelfth CAED conference. The Census Bureau is pleased to participate in this conference as our business microdata is one of our greatest assets: the Economic Census and our many business surveys help to provide a detailed portrait of the U.S. economy. I hope that this conference stimulates lively discussions, generates new ideas, and encourages research partnerships.

Lucia S. Foster
Chief Economist
U.S. Census Bureau

CAED Conferences

2013 Atlanta
2012 Nuremberg
2010 London
2009 Tokyo
2008 Budapest
2006 Chicago
2005 Cardiff
2003 London
2001 Aarhus
1999 The Hague
1997 Bergamo
1996 Helsinki

12th Conference on the
Comparative Analysis of Enterprise Data

September 18–20, 2013

Federal Reserve Bank of Atlanta
Conference Center, Third Floor
1000 Peachtree Street, N.E.
Atlanta, GA 30309

<http://www.frbatlanta.org/news/conferences/13caed.cfm>

Wednesday, September 18

8:309:30 *Registration*
9:3010:00 **Welcoming Remarks:** John Robertson (FRB Atlanta) and Ron Jarmin (Census Bureau)
10:0012:00 **Concurrent Sessions (A)**
12:001:00 *Lunch*
1:002:00 **Keynote Address:** Steven Davis (University of Chicago – Booth School of Business)
2:002:15 *Break*
2:153:45 **Concurrent Sessions (B)**
3:454:00 *Break*
4:005:00 **Concurrent Sessions (C)**

Thursday, September 19

8:009:00 *Buffet Breakfast*
8:009:00 *Registration*
9:0010:30 **Concurrent Sessions (D)**
10:3010:45 *Break*
10:4512:15 **Concurrent Sessions (E)**
12:151:15 *Lunch*
1:152:15 **Keynote Address:** Kathryn Shaw (Stanford University – Graduate School of Business)
2:152:30 *Break*
2:304:00 **Concurrent Sessions (F)**
4:004:15 *Break*
4:155:15 **Concurrent Sessions (G)**

Friday, September 20

8:009:00 *Buffet Breakfast*
9:0010:30 **Concurrent Sessions (H)**
10:3010:45 *Break*
10:4512:15 **Concurrent Sessions (I)**
12:151:15 *Box Lunch*
Conference Adjourned

CONCURRENT SESSIONS (A)
Wednesday 10:00 – 12:00

Exit and Survival

Chair: Claus Schnabel

Camellia Room

The Risks of Innovation: Are Innovating Firms Less Likely to Die?

CAROLINE PAUNOV (OECD), Ana M. Fernandes

Lingering Illness or Sudden Death? Pre-exit Employment Developments in German Establishments

DANIEL FACKLER (University of Erlangen-Nürnberg), Claus Schnabel, Joachim Wagner

Survival of Spinoffs and Other Startups: First Evidence for the Private Sector in Germany, 1976-2008

CLAUS SCHNABEL (University of Erlangen- Nürnberg), Daniel Fackler

~~**Economic Failure and the Role of Plant Age and Size: First Evidence from German Administrative Data**~~

~~STEFFEN MUELLER (University of Erlangen Nuremberg), Jens Stegmaier~~

Characteristics of Multinational Firms

Chair: Mina Kim

Dogwood Room

Multinational Firms in Context

AARON FLAAEN (University of Michigan)

Globalization and Organization of the Firm

SUSAN CHUN ZHU (Michigan State University), Carl Davidson, Fredrik Heyman, Steven Matusz, Fredrik Sjöholm

Firm Heterogeneity and FDI in Distribution Services

KIYOYASU TANAKA (Institute of Developing Economies, JETRO)

Domestic Employment Characteristics of Globally Engaged U.S. Firms

MINA KIM (U.S. Bureau of Labor Statistics), Alexis Chaves, Elizabeth Weber Handwerker

Reallocation and Productivity

Chair: Kirk White

Jasmine Room

Reallocation in the Great Recession: Cleansing or Not?

CHERYL GRIM (U.S. Census Bureau), Lucia Foster, John Haltiwanger

Establishment-level Productivity Dynamics in the U.S.

ZOLTAN WOLF (U.S. Census Bureau), Lucia Foster, Cheryl Grim, John Haltiwanger

Productivity-Enhancing Reallocation and the SBA

J. DAVID BROWN (U.S. Census Bureau), John S. Earle

Are We Undercounting Reallocation's Contribution to Growth?

T. KIRK WHITE (U.S. Census Bureau), Mitsukuni Nishida, Amil Petrin

LUNCH
Wednesday 12:00 – 1:00

KEYNOTE ADDRESS
Wednesday 1:00 – 2:00

Steven J. Davis

Redbud & Magnolia Rooms



Steven J. Davis is the William H. Abbott Professor of International Business and Economics and Deputy Dean for the Faculty at The University of Chicago Booth School of Business. Davis is an applied economist with research publications on employment and wage behavior, worker mobility, job loss, the effects of labor market institutions, business dynamics, industrial organization, economic fluctuations, national economic performance, public policy and other topics.

Davis is former Editor of the *American Economic Journal: Macroeconomics*. He is also a research associate with the National Bureau of Economic Research, an economic adviser to the U.S. Congressional Budget Office, a visiting scholar at the Federal Reserve Bank of Philadelphia, and a non-resident visiting scholar at the American Enterprise Institute. Previously, he held positions at the National University of Singapore, Massachusetts Institute of Technology, the Milken Institute for Job and Capital Formation, the Federal Reserve Bank of Chicago, and the Hoover Institution at Stanford University. During a leave of absence, he was vice president in the Competition Practice at CRA International, an economics consulting firm.

His research has been supported by grants from the Kauffman Foundation, the World Economic Forum, the Marianne and Marcus Wallenberg Foundation, the National Science Foundation, the U.S. Department of Energy, the U.S. Department of Labor, and several other organizations.

In addition to publication in numerous academic journals, Davis has published in the *Chicago Tribune*, *Financial Times*, *Los Angeles Times*, *Wall Street Journal* and other popular media. He has made television appearances on *CNBC*, *Fox News Channel*, *NBC News*, and *PBS*, among others. He has also appeared on various radio shows.

Davis earned a bachelor's degree in economics from Portland State University in Oregon in 1980, and a master's degree in 1981 and a PhD in 1986, both in economics from Brown University. He joined the Chicago Booth faculty in 1985.

Selected publications

Job Creation and Destruction (with John Haltiwanger and Scott Schuh), MIT Press (1996).

“Relative Wage Movements and the Distribution of Consumption” (with Orazio Attanasio) *Journal of Political Economy* (1996).

“Interpreting the Great Moderation: Changes in the Volatility of Economic Activity at the Micro and Macro Levels” (with James A. Kahn) *Journal of Economic Perspectives* (2008).

“Private Equity and Employment” (with John Haltiwanger, Ron Jarmin, Josh Lerner, and Javier Miranda) *NBER Working Paper* (2011).

“Labor Market Flows in the Cross Section and Over Time” (with R. Jason Faberman and John Haltiwanger) *Journal of Monetary Economics* (2012).

BREAK
Wednesday 2:00 – 2:15

CONCURRENT SESSIONS (B)
Wednesday 2:15 – 3:45

Intangible Assets and Productivity

Chair: Tsutomu Miyagawa

Camellia Room

Intangible Assets and Firm-level Productivity

BETTINA PETERS (ZEW), Dirk Crass

Fit for Future. Strategies of German Firms to Manage Personnel Challenges

STEFANIE WOLTER (IAB), Stefan Bender

Does the Stock Market Evaluate Intangible Assets? An Empirical Analysis Using Data of Listed Firms in Japan

TSUTOMU MIYAGAWA (Gakushuin University), Miho Takizawa, Kazuma Edamura

Causes and Consequences of International Trade

Chair: Fariha Kamal

Dogwood Room

Entry Costs and Increasing Trade

WILLIAM F. LINCOLN (Johns Hopkins University), Andrew H. McCallum

The Surprisingly Swift Decline of U.S. Manufacturing Employment

JUSTIN R. PIERCE (Board of Governors of the Federal Reserve System), Peter K. Schott

Buyer-Seller Relationships in International Trade: Do Your Neighbors Matter?

FARIHA KAMAL (U.S. Census Bureau), Asha Sundaram

Job and Worker Flows

Chair: James Spletzer

Jasmine Room

Net and Gross Employment Adjustment in OECD Countries

RICHARD UPWARD (University of Nottingham), Tor Eriksson, Richard Fabling, Alexander Hijzen, Ryo Kambyashi, Leopoldo Mondauto, Hugette San, Jose Varejao

What Drives Labor Market Flows?

KATARINA BOROVIKOVA (New York University)

The Recent Decline in Employment Dynamics

JAMES R. SPLETZER (U.S. Census Bureau), Henry R. Hyatt

BREAK
Wednesday 3:45 – 4:00

CONCURRENT SESSIONS (C)
Wednesday 4:00 – 5:00

Intellectual Property, Innovation, and Firm Performance

*Camellia Room**

Firm Demographics and IPRs in Norwegian Firms

ERIC J. IVERSEN (Nordic Institute for Studies in Innovation, Research and Education), Tore Sandven

The Impact of New Service Products on Employment Growth: Evidence Based on Linked Firm-Level Data

MARTIN FALK (Austrian Institute of Economic Research)

Location of Economic Activity

Chair: Martin Falk

*Camellia Room**

Agglomeration and Firm-level Productivity: A Bayesian Spatial Approach

YOSHIHIRO HASHIGUCHI (Institute of Developing Economies, JETRO), Kiyoyasu Tanaka

The Regional Dimension of Productivity Growth and Exports in Turkey: Evidence from Firm-level Data

IZAK ATIYAS (Sabanci University), Ozan Bakis

Hiring and the Business Cycle

Chair: Erika McEntarfer

Jasmine Room

Firm-level Hiring Difficulties: Persistence, Business Cycle and Local Labour Market Influences

RICHARD FABLING (Motu Economic & Public Policy Research), David C. Mare

Cyclical Reallocation of Workers from Small to Large Employers

ERIKA McENTARFER (U.S. Census Bureau), John Haltiwanger, Henry Hyatt, Liliana Sousa

ADJOURN
Wednesday 5:00

CONCURRENT SESSIONS (D)
Thursday 9:00 – 10:30

Cross-Country Analyses of Firm-Level Data

Chair: Michael Polder

Camellia Room

Do Resources Flow to Innovative Firms? Evidence from Firms in OECD Countries
CARLO MENON (OECD), Dan Andrews, Chiara Criscuolo

Cross-country Analysis of ICT Impact Using Firm-level Data: Micro Moments Database and Research Infrastructure

ERIC BARTELSMAN (Vrije Universiteit Amsterdam), Eva Hagsten, Michael Polder

Linking ICT-related Innovation Adoption and Productivity: Results from Micro-aggregated Firm-level Data

MICHAEL POLDER (Statistics Netherlands), George van Leeuwen

FDI and Firm Performance

Chair: John Earle

Dogwood Room

Who's Your Daddy? Foreign Investor Origin, Multi-Product Firms, and the Benefit of Foreign Investment

MATEJ DREV (Georgia Tech)

~~**Foreign and Domestic Takeovers in Germany: Comparative Evidence on the Post-acquisition Target Performance**~~

~~JOHN P. WECHE-GELÜBCKE (Leuphana University)~~

FDI, Wages, and Productivity: Evidence from Firm-Level and Linked Employer-Employee Data in Hungary, 1986-2008

JOHN S. EARLE (George Mason University), Álmos Telegdy, Gábor Antal

Earnings

Chair: Ian Schmutte

Jasmine Room

Hire or Promote? Mode of Job Entry and Subsequent Employment Outcomes Using Longitudinal Personnel Data

ANNE-KATHRIN KRONBERG (Emory University)

The Enigma of Race in Brazil: A Forensic Study of RAIS and PNAD Data

JASON M. RIVERA (University of Georgia), Ian M. Schmutte, Christopher Cornwell

Endogenous Mobility

IAN M. SCHMUTTE (University of Georgia), John M. Abowd

BREAK
Thursday 10:30 – 10:45

CONCURRENT SESSIONS (E)
Thursday 10:45 – 12:15

Industrial and Labor Relations

Chair: Nathan Dong

Camellia Room

Who Do Unions Target? Unionization over the Life-cycle of U.S. Businesses

HENRY HYATT (U.S. Census Bureau), Emin Dinlersoz, Jeremy Greenwood

Variation in Monopsonistic Behavior Across Establishments: Evidence From the Indonesian Labor Market

PETER BRUMMUND (University of Alabama)

Wage Dispersion and Firm Financial Performance: Evidence from Non-profit Hospitals

G. NATHAN DONG (Columbia University)

Determinants of Exporting

Chair: Patricia Kotnik

Dogwood Room

Family Firms, Corporate Governance, and Export

SUSAN CHUN ZHU (Michigan State University), Raoul Minetti, Pierluigi Murro

Learning by Hiring and Firm Export Performance

PRIT VAHTER (University of Tartu), Jaan Masso, Kärt Rõigas

ICT as Enabler of Exports

PATRICIA KOTNIK (University of Ljubljana), Eva Hagsten

Job Search

Chair: Mark Kutzbach

Jasmine Room

Do Unemployment Benefits Affect Workers' Job Search? Evidence from Establishment Closures in West Germany

ITALO A. GUTIERREZ (University of Michigan)

The Intensity of Job Search and Search Duration

R. JASON FABERMAN (Federal Reserve Bank of Chicago), Marianna Kudlyak

Job Displacement and the Duration of Joblessness: The Role of Spatial Mismatch

MARK KUTZBACH (U.S. Census Bureau), Fredrik Andersson, John Haltiwanger, Henry Pollakowski, Daniel Weinberg

LUNCH
Thursday 12:15 – 1:15

KEYNOTE ADDRESS

Thursday 1:15 – 2:15

Kathryn Shaw

Redbud & Magnolia Rooms



Kathryn Shaw is the Ernest C. Arbuckle Professor of Economics at the Graduate School of Business, Stanford University. Previously, Shaw was the Ford Distinguished Research Chair and Professor of Economics at the business school at Carnegie Mellon University. She completed her PhD in economics at Harvard University in 1981. Professor Shaw served as a Senate-confirmed Member of President Clinton’s Council of Economic Advisers, 1999-2001, and is an editor of the *Journal of Labor Economics*.

In work that has been published in the *American Economic Review*, and *Management Science*, Shaw and her colleagues evaluate the effectiveness of complementary teamwork practices in the steel industry. Recently, she has turned to studying the performance gains from new information technologies and the changes in management strategy towards product customization that enhance returns to investment. In related work on incentives in franchising, she shows how the optimal use of franchise contracts can increase brand value for franchise companies. Her research has been extensively funded by the National Science Foundation, the Alfred P. Sloan Foundation, the Russell Sage and Rockefeller Foundations, and the Department of Labor.

In 2001, Shaw received the Columbia University award for the best paper on international business, and in 1998, she was honored as the recipient of the Minnesota Award for Employment Research for the best paper in 1997-98 on the topic of employment issues. She held a Stanford Graduate School of Business Trust Faculty Fellow in 2005-2006. She has been the recipient of the Xerox Research Chair, has served on a Research Panel of the NSF, and is an Editor of the *Review of Economics and Statistics*. At Carnegie Mellon University, Shaw received the Award for Sustained Teaching Excellence, the Economics Department Teaching Award, was Chair of the Faculty Senate, and was Head of the Department of Industrial Management.

Selected publications

“The Effects of Human Resource Management Practices on Productivity” (with Casey Ichniowski and Giovanna Prennushi) *American Economic Review* (1997).

“The Dynamics of Franchise Contracting: Evidence from Panel Data” (with Francine Lafontaine) *Journal of Political Economy* (1999).

“Beyond Incentive Pay: Insiders’ Estimates of the Value of Complementary Human Resource Management Practices” (with Casey Ichniowski) *Journal of Economic Perspectives* (2003).

“Targeting Managerial Control: Evidence from Franchising” (with Francine Lafontaine) *RAND Journal of Economics* (2005).

“How Does Information Technology affect Productivity? Plant-Level Comparisons of Product Innovation, Process Improvement and Worker Skills” (with Ann Bartel and Casey Ichniowski) *Quarterly Journal of Economics* (2007).

“Reaching for the Stars: Who pays for Talent in Innovative Industries?” (with Fredrik Andersson, Matthew Freedman, John Haltiwanger, Julia Lane) *Economic Journal* (2009).

BREAK

Thursday 2:15 – 2:30

CONCURRENT SESSIONS (F)
Thursday 2:30 – 4:00

Determinants of Innovation

Chair: Tomohiro Machikita

Camellia Room

Modes of International Activities and the Innovativeness of Firms: An Empirical Analysis Based on the Japanese National Innovation Surveys for 2003 and 2009

SHOKO HANEDA (Chuo University), Keiko Ito

Market and Non-market Determinants of Firm Innovation and Growth

ALENA ZEMPLINEROVA (CERGE-EI), Eva Hromadkova

What Drives Firm-level Technical and Organizational Changes: Evidence from Southeast Asia and Myanmar

TOMOHIRO MACHIKITA (Institute of Developing Economies, JETRO), Yasushi Ueki

Retail

Chair: Emek Basker

Dogwood Room

Opening Hours and Employment in the Retail Sector: Quasi-experimental Evidence for Germany

MARIO BOSSLER (IAB), Michael Oberfichtner

Entry of Large Discount Stores and the Evolution of Korean Retail Employment

HYUNBAE CHUN (Sogang University), Janghee Cho, Yoonsoo Lee

Change at the Checkout: Tracing the Impact of a Process Innovation

EMEK BASKER (University of Missouri)

Firm-Level Dynamics

Chair: Leland Crane

Jasmine Room

Wage Rigidity and Employment: Evidence from German Administrative Data

JOSHUA MONTES (University of Michigan), Gabriel Ehrlich

Financial Frictions and Investment Dynamics in Multi-Plant Firms

MATTHIAS KEHRIG (University of Texas at Austin), Nicolas Vincent

Firm Dynamics and Assortative Matching

LELAND D. CRANE (University of Maryland & U.S. Census Bureau)

BREAK
Thursday 4:00 – 4:15

CONCURRENT SESSIONS (G)
Thursday 4:15 – 5:15

Workforce Composition and Firm Performance

Chair: Marie-Christine Laible

Camellia Room

A Neglected Input to Production: The Role of Schooled ICT Experts in Firm Performance
EVA HAGSTEN (Statistics Sweden), Anna Sabadash

Gender Diversity in Top Management and Firm Performance: An Analysis with the IAB-Establishment Panel
MARIE-CHRISTINE LAIBLE (IAB)

Resource Use

Chair: Randy Becker

Dogwood Room

Evidence of an “Energy-Management Gap” in U.S. Manufacturing: Spillovers from Firm Management Practices to Energy Efficiency
MARK CURTIS (Georgia State University), Gale Boyd

Water Use and Conservation in Manufacturing: Evidence from U.S. Microdata
RANDY A. BECKER (U.S. Census Bureau)

Large Hiring and Separation Events

Chair: Max Risch

Jasmine Room

High Growth Firms in Canada
ROBERT J. PETRUNIA (Lakehead University), Jay Dixon

Displacement in the United States: A Report
MAX RISCH (University of Michigan), Lars Vilhuber, Till von Wachter

ADJOURN
Thursday 5:15

CONCURRENT SESSIONS (H)
Friday 9:00 – 10:30

Determinants of R&D

Chair: Nick Zolas

Camellia Room

Firm-Level R&D Activity, Employee Turnover and HRM Practices: Evidence from Chinese Firms
WENJING WANG (Aarhus University), Tor Eriksson, Zhihua Qin

Do Local University Knowledge Spillovers Matter for R&D Expenditures of U.S. Startup Firms?
LEONARD SABETTI (U.S. Bureau of Labor Statistics; George Mason University)

Tracing the Evolution and Characteristics of Top R&D Performing U.S. Firms
NIKOLAS ZOLAS (U.S. Census Bureau), Lucia Foster, Cheryl Grim

Firm Responses to Cross-Border Prices

Chair: Loretta Fung

Dogwood Room

The Effect of Moving to a Territorial Tax System on Profit Repatriations: Evidence from Japan
KOZO KIYOTA (Yokohama National University), Makoto Hasegawa

Export Performance, Invoice Currency, and Heterogeneous Exchange Rate Pass-Through
LYNDA SANDERSON (New Zealand Treasury), Richard Fabling

Exposure of Canadian Retailers to Cross-Border Shopping
LORETTA FUNG (National Tsing Hua University), Jen Baggs, Beverly Lapham

Firm Size and Age

Chair: Javier Miranda

Jasmine Room

Casting a Wide Net: Online Activities of Small and New Businesses in the United States
E.J. REEDY (Northwestern University), Alicia M. Robb

Who Creates Jobs? Cross-country Evidence from Micro-aggregated Data
CARLO MENON (OECD), Chiara Criscuolo, Peter Gal, Mariagrazia Squicciarini

How Firms Respond to Business Cycles: The Role of Firm Age and Firm Size
JAVIER MIRANDA (U.S. Census Bureau), Teresa Fort, John Haltiwanger, Ron S. Jarmin

BREAK
Friday 10:30 – 10:45

CONCURRENT SESSIONS (I)
Friday 10:45 – 12:15

Complements to R&D and ICT

Chair: Kristina McElheran

Camellia Room

~~The Importance of Measurement Errors in Assessing the R&D-Innovation-Productivity Relationships~~
STÉPHANE ROBIN (University of Paris 1 Panthéon—Sorbonne), Jacques Mairesse

Productivity Dynamics and R&D Spillovers in Japanese Manufacturing Industry
KENTA IKEUCHI (NISTEP), René Belderbos, Kyoji Fukao, Young Gak Kim, Hyeog Ug Kwon

The Digital Erosion of Firm Boundaries: Complementarities between IT Use and Production Chain Organization in U.S. Manufacturing
KRISTINA MCELHERAN (Harvard University), Chris Forman

Industrial Policy

Chair: David Brown

Dogwood Room

Killing a Second Bird with One Stone? Promoting Firm Growth and Export with Tax Policy
TANIA TREIBICH (University of Nice-Sophia Antipolis), Michele Bernini

Obstacles to Business Operations in Transition Countries: Comparative Analysis of Obstacles Reported in the 2009 BEEPS Data
JOHN E. ANDERSON (University of Nebraska-Lincoln)

Job Creation, Small vs. Large vs. Young, and the SBA
J. DAVID BROWN (U.S. Census Bureau), John S. Earle

Trade and Globalization: Impacts on Domestic Firms

Chair: Keito Ito

Jasmine Room

Measuring the Impact of CCFTA on Canadian Exports to Chile through Product Diversification, New Entry and Margin of Trade
MARCEL C. VOIA (Carleton University), Zhiqi Chen

Trading Firms and Volatility
CHRISTOPHER KURZ (Board of Governors of the Federal Reserve System), Mine Z. Senses

Expansion of Overseas Production and the Impact on Employment in Domestic Supporting Industries: An Empirical Analysis Based on Buyer-Supplier Transaction Relationships
KEIKO ITO (Senshu University), Ayumu Tanaka

BOX LUNCH
Friday 12:15 – 1:15

CONFERENCE ADJOURNED
Friday 1:15

