

Rajeev Dhawan

Carl R. Zwerner Chair of Economic Forecasting

Education

- Ph.D., Economics, University of California, Los Angeles, 1994.
- M.A., Economics, University of California, Los Angeles, 1990.
- M.A., Economics, Delhi School of Economics, University of Delhi, India, 1988.
- B.A., Economics, St. Stephen's College, University of Delhi, India, 1986.

Areas of Specialization

- National and Regional Economic Forecasts
- Econometric Modeling
- Macroeconomics and Monetary Policy
- Financial Factors and Business Cycles
- Energy Economics
- Small Business Economics
- International and Intra-industry Efficiency Comparisons
- Firm Size and Productivity Measurements

Work Experience

A. Economic Forecasting

- Director, Economic Forecasting Center, Georgia State University, 2000-Present.
- Director of Econometric Forecasting, UCLA Anderson Forecast, 1997-2000.
- Research Economist, UCLA Anderson Forecast, 1996-1997.
- Economist, Unicon Research Corporation, Santa Monica, 1995-1996.
- Post Doctoral Fellow, UCLA, Department of Economics, 1995.

B. Academic

- Clinical Full Professor, J. Mack Robinson College of Business, Georgia State University, 2009-Present.
- Clinical Associate Professor, J. Mack Robinson College of Business, Georgia State University, 2002-2008.
- Visiting Associate Professor, Department of Economics, Georgia State University, 2000-2002.
- Adjunct Professor, Economics, California State University, Long Beach, 1997-2000.
- Instructor, UCLA Extension, 1993-1997.
- Lecturer, Business Administration Division, Pepperdine University, 1993-94.

Fellowship and Awards

Fellow Award, Association for University Business and Economic Research (AUBER), 2025.

Federal Reserve Bank of Chicago award for forecasting excellence for the best:

RESIDENTIAL CONSTRUCTION forecast made at the 2021 Economic Outlook Symposium.

TRADE WEIGHTED DOLLAR forecast made at the 2018 Economic Outlook Symposium

RESIDENTIAL CONSTRUCTION & HOUSING STARTS forecast made at the 2018 Automotive Outlook Symposium

PRIVATE INVENTORY CHANGE forecast made at the 2017 Economic Outlook Symposium

REAL GDP DEFLATOR forecast made at 2017 Automotive Outlook Symposium

REAL GDP forecast made at 2016 Automotive Outlook Symposium.

Pulsenomics Crystal Ball award for accurate/outstanding performance for U.S. HOME PRICE prediction in Zillow survey for 2018, 2017, 2016, 2015 & 2013.

Award of Excellence in Publications by the Association for University Business and Economic Research (AUBER), 2011.

Most accurate forecaster award in the GDP category by Bloomberg News, 2005.

Most accurate forecaster in the employment category by the Bank One Economic Outlook Center, Arizona State University, 2003.

Tech Fee and Research Conference grants, Georgia State University, 2003.

CIBER research grant, UCLA, 1999-2000.

Service Activities in Academic and Professional Organizations

A. Editorial Board

Business Economics, Journal of National Association for Business Economics (NABE), 2012-Present.

B. Refereed For

Business Economics; Contemporary Economic Policy; International Journal of the Economics of Business; Journal of Economic Behavior and Organization; Journal of Economic Dynamics and Control; Journal of Financial Research; Journal of Money, Credit and Banking; Management Science; Pacific-Basin Finance Journal; Review of Development Economics; Southern Economic Journal.

C. External Notable Forecasting Activities

Keith Schwer Forecasting Keynote, Association for University Business and Economic Research (AUBER) annual conference, 2024 (Idaho In-Person) & 2017 (New Mexico).
Keynote address on the U.S. economy at Pacific Northwest Regional Economic Conference (PNREC) 2023 & 2022 (Both In-Person).

Keynote speaker on the U.S. economy at University Economic Outlook Summits and Federal Reserve Bank events:

University of Georgia Timberland Investment Conference, March 2025 (In-Person)
Federal Reserve Bank of Philadelphia 42nd Annual Monetary and Trade Conference, June 2024 (In-Person)

Federal Reserve Bank of Philadelphia (Supervision Section) 2021 (online)

University of Memphis, 2019

Columbus State University, 2017

Georgia Southwestern University, 2016

University of Wisconsin-Madison, 2015

Federal Reserve Bank of Atlanta (Supervision Section) 2012 & 2002-2007

University of New Orleans, 2009; Berry College, 2009

Northwestern State University of Louisiana, 2007-2008

University of Louisiana at Monroe, 2004-2007

University of California at Santa Barbara, 2000-2006

Western Washington University, 2003-2004.

Panelist, session organized by Global Interdependence Center on U.S. Monetary Policy, Universidad del CEMA, Buenos Aires, Argentina, March 2018

Deutsche Bundesbank, Frankfurt, Germany, February 2018

Rafael del Pino Foundation & BBVA, Madrid, Spain, March 2017 & October 2016

Central Bank of Finland, Helsinki, Finland, June 2016

Central Bank of France, Paris, France, March 2012

Central Bank of Chile, Santiago, Chile, January 2011.

Guest Lecturer, FFIEC's Conference for Large, Complex Financial Institutions program at FDIC's Arlington headquarters, 2013 to present.

Moderator, session organized by Global Interdependence Center on Middle East Economies in conjunction with Wharton School of Business and Higher Institute of Technology in Abu Dhabi, UAE, March 2013.

Invited Lecture, American Bankers Association/Stonier National Graduate School of Banking program at University of Pennsylvania campus, Philadelphia, 2010 to 2013.

Invited Lecture, Swiss Finance Institute, Wolfsburg, Switzerland, March 2012 & 2011.

Invited Lecture, CIO Executive Summit, Atlanta, November 2010.

Invited Lecture, CFO Executive Summit, Atlanta, June 2010.

Organizer and moderator, plenary session on U.S. economic outlook at the Western Economic Association's annual meeting, San Diego, California, 2006.
Organizer and moderator, session on economic forecasting at the Association for University Business and Economic Research annual meeting, Missoula, Montana, 2005.
Invited Lecture, Association of Foreign Investors in Real Estate's annual meeting, Washington, D.C., 2005.
Invited lecture, Canadian Business Economics Association's annual meeting, Ottawa, 2004.

Member of national economic outlook survey panels 2000-Present:

Active Surveys

Bloomberg Forecast Survey
Blue Chip Economic Indicators
Blue Chip Financial Indicators
Consensus Economics, Inc. Forecast Survey (U.K.)
Federal Reserve Bank of Chicago's Consensus Survey
Federal Reserve Bank of Philadelphia's Livingston Survey
Federal Reserve Bank of Philadelphia's Professional Forecaster's Survey
IFO World Economic Survey (Germany)
Journal of Business Forecasting Survey
National Association for Business Economics Forecast Survey
Reuters Forecast Survey (National & Housing)
Pulsenomics/Zillow/Case-Shiller U.S. National Home Price survey
Wall Street Journal Forecasting Survey

Defunct Surveys

Associated Press (2000-2013)
Bank One Economic Outlook Survey (1998-2007)
BNA Forecast Survey (1998-2015)
CNN Money Employment Survey (2014-2017)
Housing Market Forecast Survey from CD Publications (2000-2012)
USA Today Forecaster's Survey (2000-2014)

Service to the Community

A. Media

Quoted repeatedly in international, national and regional newspapers, including *The Wall Street Journal*, *Atlanta Journal-Constitution*, *Bloomberg*, *Los Angeles Times*, *Florida-Times Union*, *USA Today*, *Houston Chronicle*, *Seattle Times*, *Vancouver Daily*, *The New York Times*, *Tampa Tribune*, *Mundo Hispánico*, *Christian Science Monitor*, *Reuters*, *Bloomberg*, *The Palm Beach Post*, *Chattanooga Times*, *Outlook India*, *San*

Jose Mercury News, Women's Wear Daily, National Real Estate Investor, Dow Jones Newswires, and many others.

More than 500 newspaper and announcement citations (from Factiva) in the past five years. Regularly appears on national and local radio and TV news shows (Bloomberg, CNBC, CNN, local CBS, NBC, KCAL, National NPR, GPTV, FOX, TTnews, etc.) to provide economic analysis and commentary.

(Visit www.robinson.gsu.edu/efc/director/media/index.html for a full listing.)

Have been columnist in:

The Atlanta Journal-Constitution (Atlanta)

The State of Business (Georgia State University)

Facts For You (India)

Morgan Keegan Quarterly (Memphis)

United Consulting Newsletter (Atlanta)

The Mulling Report (Atlanta)

B. Corporate and Public Sector Leadership

More than 650 public speeches and briefings made in the last 25 years to the State of Georgia legislature and its committees, Fortune 500 company events, local and national business organizations, Robinson College roundtables, university alumni, company boards, consulates, and non-profits.

For the past twenty-five years, organizer of forecast conferences at Georgia State University—from February 2001 to February 2020 these were in-person quarterly events, and since then are bi-annual online webinars—that are attended by 225-plus people representing business professionals from various corporations, industry groups; non-profits; small businesses; local, state and federal agency representatives; and Robinson College faculty, staff, and MBA students.

Member, Georgia Governor's Council of Economic Advisors, 2003-Present.

Chair, Technical Advisory Committee for Atlanta Regional Commission's Regional Plan Forecast, 2015-Present.

Board Member, Association for University Business and Economic Research, 2022-2024 & 2004-2006.

Board Member, AETC/Public Broadcasting Atlanta, 2005-2016.

Board Member, National Association for Business Economics, 2009-2011.

Officer, National Association for Business Economics Financial Roundtable, 2006-2011.
100 Most Influential Georgians, *Georgia Trend*, 2001-2003.

Publications: Refereed Journals

“Productivity, Energy Prices and the Great Moderation: A New Link” (with K. Jeske and P. Silos), *Review of Economic Dynamics*, 13, July 2010, pp 715-24.

“What Determines the Output Drop After an Energy Price Increase: Household or Firm Energy Share?” (with K. Jeske), *Economics Letters*, 101(3), December 2008, pp.202-05.

“Energy Price Shocks and the Macroeconomy: The Role of Consumer Durables” (with K. Jeske), *Journal of Money, Credit and Banking*, 40(7), October 2008, pp. 1357-77.

“Assessing the Resource Base of Japanese and U.S. Auto Producers: A Stochastic Frontier Production Approach” (with M. Lieberman), *Management Science*, 51(7), July 2005, pp. 1060-75.

"Declining Share of Small Firms in U.S. Output: Causes and Consequences" (with J.T. Guo), *Economic Inquiry*, 39(3), October 2001, pp. 651-62.

“Firm Size and Productivity Differential: Theory and Evidence From a Panel of U.S. Firms,” *Journal of Economic Behavior and Organization*, 44(3), March 2001, pp. 269-93.

“Estimating Technological Change using a Stochastic Frontier Production Function Framework: Evidence from U.S. Firm-Level Data” (with G. Gerdes), *Journal of Productivity Analysis*, 8, November 1997, pp. 431-46.

"Asymmetric Information and Debt Financing: The Empirical Importance of Size and Balance Sheet Factors," *International Journal of the Economics of Business*, 4(2), July 1997, pp. 189-202.

Publications: Refereed Conference Proceedings

“Assessing the Resource Base of U.S. and Japanese Auto Producers” (with M. Lieberman), *Best Paper Proceedings of the 2005 Academy of Management Meeting*.

Publications: Books and Monographs

Firm Size, Financial Intermediation and Business Cycles, Commonwealth Publishers, New Delhi (India), 1996, 182 pages.

Publications: Non-Refereed and Other

A. Professional Journal Articles

“Book Review: Viral V. Acharya’s Quest for restoring financial stability in India,” *Business Economics*, 56(4), October 2021, pp. 262-4.

“How Resilient is the Modern Economy to Energy Price Shocks” (with K. Jeske), *Federal Reserve Bank of Atlanta’s Economic Review*, 91(3), 3rd Quarter 2006, pp.21-32.

“Economics at Work: Georgia State University's Economic Forecasting Center,” *Business Economics*, 39(1), January 2004, pp. 62-5.

B. Forecast Booklets

Forecast of the Nation. Quarterly forecast report for the Economic Forecasting Center, Georgia State University, November 2000-February 2020.

Forecast of Georgia and Atlanta. Quarterly forecast report for the Economic Forecasting Center, Georgia State University, November 2000-February 2020.

Southeast State Indicators. Biannual forecast report for the Economic Forecasting Center, Georgia State University, April 2001-April 2005.

Economic Forecast for the Nation. Quarterly report for the Business Forecasting Project, Anderson Graduate School of Business, UCLA, June 1996-Sept. 2000.

C. Economic Impact Reports

“Predicting Cable TV Industry Advertising Revenues,” report prepared for Turner Broadcasting Corporation, October 2004.

“Ventura County Housing in Short-Supply Squeeze: How Long Will it Last?” (with G. Krueger), report prepared for Amgen Corporation, June 2000.

“Redeveloping Obsolete Industrial Land with Modern Manufacturing Facilities: The Job, Wage and Tax Implications for State and Local Government” (with G. Freeman and K. Ackbarali), report prepared for Los Angeles Economic Development Corporation, April 2000.

“An Analysis of the Impact of Aerospace Industry Downsizing on California's Economy” (with L. Kimbell and T. Lieser), report prepared for Northrop Corporation, October 1996.

“The Impact of Automobile Import Restrictions on the California Economy” (with L.

Kimbell and T. Lieser), report prepared for California Automobile Import Alliance, September 1996.

“The Impact of Future Oil Price Shocks on the California Economy” (with L. Kimbell and N. Pedrozo), report prepared for California Energy Commission, August 1995.

D. Selected Op-Ed and Magazine Articles

“Assessing economic fallout of COVID-19,” *Atlanta Journal-Constitution*, March 13, 2020.

“Recovery won’t hit hot pace this year,” *The Atlanta Journal-Constitution*, June 4, 2011.

“Economy slides if oil prices stay high,” *The Atlanta Journal-Constitution*, March 5, 2011.

“Gauging the cost of snow days,” *The Atlanta Journal-Constitution*, February 6, 2011.

“Investing in Tech help jobs,” *The Atlanta Journal-Constitution*, October 31, 2010.

“Global pains hit home,” *The Atlanta Journal-Constitution*, September 28, 2010.

“What’s Next For the Auto Industry,” *NABE News*, October 2010.

“International Financial Markets: Asset, Trade, World Reserve Currency.” *NABE News*, October 2007.

“Growth Speed Has to be Fed,” *Outlook Business*, April 5, 2007.

“Airline Service: Delta Buyout Bid Bodes Well For City,” *Atlanta Journal-Constitution*, January 18, 2007.

“Economic Forecasting of USA,” *Facts For You*, April 2005.

“Big Airlines Ought to Stop Flying Solo,” *Atlanta Journal-Constitution*, December 9, 2004.

“Where are the High Paying Jobs,” *Business to Business*, December 2003.

“Where’s the Bull?” *Khabar*, March 2003.

“How About a 'Proper' Tax Holiday,” *Georgia Trend*, February 2002.

E. Papers Presented at Professional Meetings

October 2024, 77th AUBER annual conference, in-person, Boise, Idaho.

October 2023, 76th AUBER annual conference, in-person, San Antonio, Texas.

May 2023, 57th PNREC conference, in-person, Walla Walla, Washington.

October 2022, 75th AUBER annual conference, in-person, Pensacola, Florida.

May 2022, 56th PNREC conference, in-person, Hood River, Oregon.

February 2022, 75th AUBER conference, online.

March 2019, Western Economic Association 15th International Conference, Japan.

October 2016, 70th AUBER fall conference, Fayetteville.
 January 2015, Western Economic Association 11th International Conference, New Zealand.
 July 2010, Western Economic Association meetings, Portland.
 October 2008, 62nd AUBER fall conference, Bellingham.
 June 2008, Western Economic Association meetings, Honolulu.
 October 2005, 59th AUBER fall conference, Missoula.
 July 2005, Western Economic Association meetings, San Francisco.
 October 2004, 58th AUBER fall conference, Tucson.
 June 2001, 22nd International Symposium on Forecasting, Atlanta.
 August 2000, 8th World Congress of the Econometric Society, Seattle.
 July 2000, Society for Computing in Economics and Finance meetings, Spain.
 August 1999, 12th World Congress of the International Economic Association, Argentina.
 October 1998, Third Biennial Georgia productivity workshop, Atlanta.
 June 1998, North American summer meeting of the Econometric Society, Canada.
 May 1998, EKONOMETRGAR 98 (Econometrics Conference), Sweden.
 July 1997, Western Economic Association meetings, Seattle.
 January 1997, winter meetings of the Econometric Society, New Orleans.
 December 1996, South-east Asian Econometric meetings, India.
 August 1995, 7th World Congress of the Econometric Society, Japan.
 June 1994, Society for Economic Dynamics and Control meetings, Los Angeles.

List of Speeches (2015-2025)

1. Speech given at Tandem Growth Financial Advisors in-person event, Roswell, Georgia, September 16, 2025.
2. Keynote speech given at Georgia Ready Mix Concrete Association annual meeting in-person, Amelia Island, Florida, July 21, 2025.
3. Speech given at MarketNSight online event, June 12, 2025.
4. Speech given at GSU Marketing Roundtable in-person event, May 8, 2025.
5. Speech given at AmRET in-person event, Atlanta, Georgia, April 16, 2025.
6. Keynote speech given at University of Georgia Timberland Investment Conference in-person, Amelia Island, Florida, March 12, 2025.
7. Speech given at Private Directors Association event in-person, Atlanta, January 14, 2025.
8. Briefing given at Georgia Governor's Council of Economic Advisors in-person meeting, November 22, 2024.
9. Briefing given to U.S. Department of Treasury official in online meeting, October 28, 2024.
10. Keith Schwer Keynote forecast talk at AUBER (77th) Annual Conference in-person, Boise, Idaho, October 20, 2024.
11. Chaired session on regional forecasting at AUBER (77th) annual conference in-person,

- Boise, Idaho, October 20, 2024.
12. Speech given at Beta Sigma Gamma event in-person, Atlanta, September 18, 2024.
 13. Speech given at Raymond James online event, September 5, 2024.
 14. Speech given at Georgia Ready Mix Concrete Association annual meeting in-person, Ponte Vedra Beach, Florida, July 26, 2024.
 15. Talk given at Federal Reserve Bank of Philadelphia 42nd Monetary and Trade Conference in-person, June 17, 2024.
 16. Speech given at MarketNSight online event, June 13, 2024
 17. Keynote speech given at Raymond James Fixed Income Conference in-person, Los Angeles, March 7, 2024.
 18. Session presentation on economic indicators at AUBER (76th) Annual Conference in-person, San Antonio, Texas, October 15, 2023.
 19. Speech given at Raymond James economic & strategy seminar in-person, New Jersey, August 22, 2023.
 20. Speech given at Georgia Ready Mix Concrete Association annual meeting, Ponte Vedra Beach, Florida, July 28, 2023.
 21. Speech given at MarketNSight online event, June 8, 2023
 22. Keynote speech given at Mortgage Bankers Association of Georgia annual conference in-person at Ponte Vedra Beach, Florida, May 22, 2023.
 23. Speech given at GSU Marketing Roundtable online event, May 18, 2023.
 24. Speech given at the 2023 Supervisory Updates & Emerging Issues for Large, Financial Institutions online conference hosted by FDIC, May 16, 2023.
 25. Keynote speech given at Pacific Northwest Regional Annual Conference in-person at Wala Walla, Washington, May 9, 2023.
 26. Speech given at RCB Global Logistics Roundtable online event, April 21, 2023
 27. Keynote speech given at Raymond James annual Conference in-person, Atlanta, April 18, 2023.
 28. Keynote speech given at Berkadia Investment Forum in-person, Atlanta, December 13, 2022.
 29. Speech given at MarketNSight online event, December 8, 2022
 30. Briefing given to European Union delegation to Atlanta in-person, November 18, 2022.
 31. Keynote speech given at Indo-American Chamber of Commerce board meeting in-person, Sandy Springs, November 2, 2022.
 32. Chaired session on supply chains and logistics at AUBER (75th) Annual Conference in-person, Pensacola, Florida, October 17, 2022.
 33. Speech given at Georgia Banking Company annual event in-person in Duluth, Georgia, October 6, 2022.
 34. Speech given at MarketNSight online event, June 9, 2022
 35. Keynote speech given at Pacific Northwest Regional Economic Conference in-person at Hood River, Oregon, May 24, 2022.
 36. Moderator at inaugural AUBER roundtable online, April 28, 2022.
 37. Welcome remarks and economic update at Southeastern Hedge Fund Competition held online, April 28, 2022.
 38. Chaired meeting and remarks at the Atlanta Regional Commission's TAC series forecast meeting online, April 13, 2022.
 39. Chaired meeting and remarks at the Atlanta Regional Commission's TAC series forecast

- meeting online, March 7, 2022.
40. Presentation at session on webinars AUBER Annual Conference online, February 27, 2022.
 41. Presentation at session on state and regional forecasting AUBER Annual Conference online, February 27, 2022.
 42. Speech given at GSU Marketing Roundtable online event, February 11, 2022.
 43. Chaired meeting and remarks at the Atlanta Regional Commission's TAC series forecast meeting online, January 24, 2022.
 44. Keynote speech given at the Federal Reserve Bank of Philadelphia online Risk Management Conference, December 14, 2021.
 45. Speech given at MarketNSight online event, December 9, 2021.
 46. Keynote speech given at Millennium Investors Group's annual meeting in-person at Gwinnett Center, Georgia, December 4, 2021.
 47. Briefing given at Georgia Governor's Council of Economic Advisors in-person meeting, November 19, 2021.
 48. Speech given at Atlanta CFA Society online luncheon, October 14, 2021.
 49. Speech given to Georgia Congressional Staff Delegation online, August 27, 2021.
 50. Speech given at Raymond James online Conference, June 10, 2021
 51. Speech given at MarketNSight online event, June 9, 2021
 52. Briefing given to MARTA finance team online, March 4, 2021.
 53. Keynote speech given at the FMLS online conference, January 28, 2021.
 54. Keynote speech given at North Fulton Chamber of Commerce online event, January 26, 2021.
 55. Keynote speech given at Atlanta Rotary Club online luncheon event, January 25, 2021.
 56. Speech given at MarketNSight online event, December 8, 2020.
 57. Briefing given at Georgia Governor's Council of Economic Advisors online meeting, November 23, 2020.
 58. Keynote speech given at the Fidelity National online conference, October 14, 2020.
 59. Speech given at the 2019 Supervisory Updates & Emerging Issues for Large, Financial Institutions online conference at FDIC, September 23, 2020.
 60. Speech given at the Campbell & Brannon online forum, June 25, 2020.
 61. Speech given at GSU Marketing Roundtable online event, June 12, 2020.
 62. Speech given at MarketNSight online event, June 11, 2020.
 63. Speech given at AUBER online roundtable, June 4, 2020.
 64. Speech given at Raymond James online Conference, June 2, 2020.
 65. Speech given at MarketNSight event at City Springs in Atlanta, December 5, 2019.
 66. Briefing given at Georgia Governor's Council of Economic Advisors meeting, Atlanta, November 12, 2019.
 67. Keynote speech given at the Renasant Bank breakfast outlook meeting in Atlanta, October 23, 2019.
 68. Speech given at the 2019 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, October 10, 2019.
 69. Keynote speech given at the University of Memphis state of freight conference in Memphis, Tennessee, October 17, 2019.
 70. Keynote speech given at the American Society for Quality dinner meeting in Atlanta, September 26, 2019.
 71. Speech given at the 2019 International Banking conference at FDIC, September 24, 2019.

72. Speech given at the 2019 Asset and Wealth Management forum at FDIC, August 13, 2019.
73. Speech given at the 2019 Capital Markets conference at FDIC, June 10, 2019.
74. Speech given at MarketNSight event at City Springs in Atlanta, June 13, 2019.
75. Speech given at Georgia Chamber of Commerce Spring board retreat at Lake Oconee, Georgia, May 7, 2019.
76. Speech given at the 2019 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, April 30, 2019.
77. Speech given at Raymond James Conference in Atlanta, April 24, 2019.
78. Speech given at SunTrust Robinson Humphrey risk management meeting in Atlanta, April 25, 2019.
79. Keynote speech given at Georgia Real Estate Closing Attorneys Association annual meeting in Brookhaven, Georgia, April 17, 2019.
80. Luncheon speech given at Atlanta Economics Club monthly meeting in Atlanta, April 17, 2019.
81. Briefing given to New Zealand Consulate representatives in Atlanta, April 3, 2019.
82. Paper discussion at the Western Economic Association's 15th International Conference in Tokyo, Japan, March 23, 2019.
83. Keynote speech given at the annual client meeting of Warren Averett in Atlanta, February 20, 2019.
84. Keynote speech given at the FMLS member event in Atlanta, January 10, 2019.
85. Speech given at MarketNSight event at SunTrust Park in Atlanta, December 12, 2018.
86. Speech given to Dixon Hughes Goodman annual executive conference in Atlanta, November 13, 2018.
87. Speech given at the 2018 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, October 23, 2018.
88. Keynote speech given at the IASA-Mid South chapter conference in Biloxi, Mississippi, October 22, 2018.
89. Speech given at Atlanta Appraisal Institute meeting in Cobb County, Atlanta, October 19, 2018.
90. Speech given at the 2018 Capital Markets forum at FDIC, October 3, 2018.
91. Speech given at Raymond James Conference in Arlington, October 2, 2018.
92. Speech given at the 2018 Asset Management forum at FDIC, August 15, 2018.
93. Speech given at MarketNSight event at SunTrust Park in Atlanta, June 7, 2018.
94. Speech given at the 2018 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, April 3, 2018.
95. Speech given at Atlanta TECH CEO forum in Alpharetta, March 22, 2018.
96. Roundtable discussion at Global Interdependence Center conference with Universidad del CEMA in Buenos Aires, Argentina, March 8, 2018.
97. Keynote speech given at the annual client meeting of Warren Averett in Atlanta, February 21, 2018.
98. Speech given at Global Interdependence Center Central Banking Series conference in Frankfurt, Germany, February 9, 2018.
99. Keynote speech given at the Paulding County Chamber of Commerce event, Dallas, Georgia, February 1, 2018.
100. Speech given at MarketNSight event at SunTrust Park in Atlanta, December 4, 2017.
101. Briefing given at Georgia Governor's Council of Economic Advisors meeting, Atlanta,

- November 27, 2017.
102. Speech given at the 2017 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, October 26, 2017.
 103. Keynote speech given at Association of University Business Economic Research (AUBER) annual meeting in Albuquerque, New Mexico, October 22, 2017.
 104. Keynote speech given to GSU Real Estate Honorary Board, Atlanta, October 17, 2017.
 105. Speech given at Incentive Solutions leadership summit in Atlanta, October 9, 2017.
 106. Speech given at Atlanta Appraisal Institute meeting in Cobb County, Atlanta, October 5, 2017.
 107. Speech given to the GSU Sales Executive Roundtable meeting at RCB Buckhead campus in Atlanta, September 15, 2017.
 108. Speech given to the GSU Foundation Board at Buckhead club in Atlanta, September 6, 2017.
 109. Speech given at the 2017 International Banking conference at FDIC, August 29, 2017.
 110. Briefing given to Mellon Capital investment team in San Francisco, June 28, 2017.
 111. Speech given at MarketNSight event at Cobb Galleria in Atlanta, June 9, 2017.
 112. Speech given at Electrical Equipment Representatives Association in Sea Island, Georgia, June 5, 2017.
 113. Speech given at the 2017 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, May 22, 2017.
 114. Speech given at Peachtree Hotel investors meeting in Atlanta, May 17, 2017.
 115. Speech given at Alabama Economics Club's luncheon meeting in Birmingham, Alabama, May 3, 2017.
 116. Panel discussion at SunTrust Bank outlook for Asian Americans event in Atlanta, May 1, 2017.
 117. Speech given at Raymond James Conference in Atlanta, April 25, 2017.
 118. Speech given at Wood Partners investors meeting in Atlanta, April 13, 2017.
 119. Roundtable discussion at Global Interdependence Center conference in Madrid, Spain, March 28, 2017.
 120. Speech given at Global Interdependence Center Central Banking Series conference in Madrid, Spain, March 27, 2017.
 121. Keynote speech given at the annual client meeting of Warren Averett in Atlanta, February 15, 2017.
 122. Briefing given to California Association of Realtors economic staff in Los Angeles, February 3, 2017.
 123. Keynote speech given at MARC Education Forum at Cobb Galleria in Atlanta, February 2, 2017.
 124. Keynote speech given at Columbus State University's economic outlook program in Columbus, Georgia, January 20, 2017.
 125. Speech given at MarketNSight event at Cobb Galleria in Atlanta, December 9, 2016.
 126. Briefing given at Georgia Governor's Council of Economic Advisors meeting, Atlanta, November 28, 2016.
 127. Briefing given to Brazilian-American Chamber of Commerce representatives in Atlanta, October 31, 2016.
 128. Chaired session on Federal Statistics at the Association of University Business Economic Research (AUBER) annual conference in Fayetteville, Arkansas, October 24, 2016.

129. Speech given to Aerospace Federal Credit Union board meeting in Dana Point, California, October 22, 2016.
130. Keynote speech given to GSU Real Estate Honorary Board, Atlanta, October 18, 2016.
131. Roundtable discussion at Global Interdependence Center conference in Madrid, Spain, October 4, 2016.
132. Speech given at Global Interdependence Center Central Banking Series conference in Madrid, Spain, October 3, 2016.
133. Speech given at Atlanta Appraisal Institute meeting in Cobb County, Atlanta, September 29, 2016.
134. Keynote speech given at Berkadia Real Estate meeting in Buckhead, Atlanta, September 22, 2016.
135. Speech given at the 2016 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, September 19, 2016.
136. Briefing given to United Kingdom Consulate representatives in Atlanta, September 8, 2016.
137. Speech given at the 2016 International Banking Conference at FDIC, August 30, 2016.
138. Panelist on geopolitics at Global Interdependence Center conference in Helsinki, Finland, June 7, 2016.
139. Speech given at Global Interdependence Center conference in London, U.K., June 3, 2016.
140. Speech given at the 2016 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, May 23, 2016.
141. Briefing given to Mellon Capital investment team in San Francisco, April 22, 2016.
142. Speech given at Raymond James Conference in Atlanta, April 21, 2016.
143. Speech given at the 2016 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, February 29, 2016.
144. Speech given to Beacham Realty sales force meeting, Buckhead, Atlanta, February 16, 2016.
145. Keynote speech given at the Southern Capital Forum event, Buckhead, Georgia, February 10, 2016.
146. Briefing given at Georgia Governor's Council of Economic Advisors meeting, Atlanta, December 9, 2015.
147. Speech given at the Belgian Chamber of Commerce dinner event, Atlanta, October 23, 2015.
148. Briefing given to South African Embassy representatives in Atlanta, October 22, 2015.
149. Remarks at the Canadian Consulate Roundtable meeting in Atlanta, October 19, 2015.
150. Keynote speech given to GSU Real Estate Honorary Board, Atlanta, October 14, 2015.
151. Speech given at the 2015 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, October 8, 2015.
152. Speech given Rollins Foundation meeting in Charleston, South Carolina, October 3, 2015.
153. Speech given at Raymond James Total Return & Insurance conference in Alexandria, VA, October 1, 2015.
154. Speech given at Raymond James Total Return & Insurance conference in Boston, MA, September 29, 2015.
155. Keynote address at Wisconsin Real Estate and Economic Outlook conference in Madison, Wisconsin, September 25, 2015.
156. Speech given at Atlanta Appraisal Institute meeting in Cobb County, Atlanta, September

- 24, 2015.
157. Roundtable discussion at University of Wisconsin dinner event in Madison, Wisconsin, September 24, 2015
 158. Keynote speech given at Berkadia Real Estate meeting in Buckhead, Atlanta, September 24, 2015.
 159. Speech given at the 2015 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, July 27, 2015.
 160. Breakfast speech given at the Consulate General of India roundtable event in Atlanta, July 21, 2015.
 161. Panelist at Atlanta Regional Commission evening event, Atlanta, June 23, 2015.
 162. Speech given at GSU Human Resources Roundtable breakfast meeting, Atlanta, April 22, 2015.
 163. Lecture given at Oberlin College's Danforth-Lewis Speakers Series, Ohio, April 20, 2015.
 164. Keynote speech given at the annual client meeting of Warren Averett in Atlanta, March 26, 2015.
 165. Chaired meeting and remarks at the Atlanta Regional Commission's TAC series forecast meeting in Downtown Atlanta, March 25, 2015.
 166. Speech given to Beacham Realty sales force meeting, Buckhead, Atlanta, March 24, 2015.
 167. Speech given at the 2015 Supervisory Updates & Emerging Issues for Large, Financial Institutions conference at FDIC, March 22, 2015.
 168. Keynote speech given at the Southern Capital Forum event, Buckhead, Georgia, February 11, 2015.
 169. Speech given at 144th Quarterly Meeting of National Business Economic Issues Council in Sarasota, Florida, February 3, 2015.
 170. Speech given to GSU Emeriti Association, Atlanta, January 29, 2015.
 171. Keynote speech given at the Newnan City Mayor's Luncheon, Newnan, Georgia, Atlanta, January 27, 2015.
 172. Luncheon speech given at the Henry County Chamber of Commerce event, McDonough, Georgia, January 22, 2015.
 173. Chaired meeting and remarks at the Atlanta Regional Commission's TAC series forecast meeting in Downtown Atlanta, January 21, 2015.
 174. Speech given at Global issues CEO Roundtable organized by AHK in Sydney, Australia, January 12, 2015.
 175. Paper presentation and chairing session at the Western Economic Association's 11th International Conference in Wellington, New Zealand, January 10, 2015.
 176. Chaired session on Monetary policy at the Western Economic Association's 11th International Conference in Wellington, New Zealand, January 9, 2015.