ATAMAN OZYILDIRIM

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Professional Experience:

Director, Business Cycles and Growth Research, The Conference Board, 2012-

Adjunct Professor at Boston College-Woods College of Advancing Studies, 2017-

Associate Director, Economic Research, U.S. and Global Indicators, The Conference Board, 2006–Economist, The Conference Board, 1999-2006

Analyst II, Management Science Associates Inc., Pittsburgh, Pennsylvania, 1998-1999

Instructor, Intermediate Macroeconomics, International Economics, Penn State University, Summer 1995, 1997 and 1998

Research Assistant/Teaching Assistant, Penn State University, 1992-1996

Education:

Ph.D., Economics, Pennsylvania State University, May 1999

M.A., Economics, Pennsylvania State University, May 1997

B.A., Economics, Ithaca College, May 1992

Areas of Expertise:

Business Cycle Indicators, Applied Econometrics and macro-econometrics, Forecasting, Forecast evaluation, Time Series, International Economics, Development Economics

Professional Membership:

American Economic Association (AEA)

National Association of Business Economists (NABE)

American Statistical Association (ASA)

Centre for International Research on Economic Tendency Surveys (CIRET)

Council of Professional Associations on Federal Statistics (COPAFS)

Publications:

Books:

Handbook on Cyclical Composite indicators: For Business Cycle Analysis – 2017 edition, published by Eurostat, in collaboration with The Conference Board, co-edited with Gian Luigi Mazzi and Dan Rieser

Business cycles in BRICS, forthcoming 2018, Springer, co-edited with Sergey Smirnov and Paulo Picchetti

Refereed Articles:

"Using Financial Indicators to Predict Turning Points in the Business Cycle: The Case of the Leading Economic Index for the United States," (with Gad Levanon, Jean-Claude Manini, Brian Schaitkin, and Jennelyn Tanchua), *International Journal of Forecasting*, 31 (2015), pp. 426-445.

"Investor Inattention and the Market Impact of Summary Statistics," (with Thomas Gilbert, Shimon Kogan, and Lars Lochstoer), *Management Science*, Vol. 58, No. 2, February 2012, pp. 336–350.

"Business Cycles in the Euro Area Defined with Coincident Economic Indicators and Predicted with Leading Economic Indicators," (with Victor Zarnowitz and Brian Schaitkin), *Journal of Forecasting*, December 2009, v. 29, issues 1-2.

"On the Measurement and Analysis of Aggregate Economic Activity for China: The Coincident Economic Indicators Approach" (with Feng Guo and Victor Zarnowitz), *China Economic Journal*, July 2009, v2, n2.

"A More Timely and Useful Index of Leading Indicators," (with Robert H. McGuckin and Victor Zarnowitz), *Journal of Business and Economic Statistics*, January 2007.

"Time Series Decomposition and Measurement of Business Cycles, Trends, and Growth Cycles," (with Victor Zarnowitz), *Journal of Monetary Economics*, October 2006, v. 53, n 7.

"Real-Time Tests of the Leading Economic Index: Do Changes in the Index Composition Matter?" (with Robert H. McGuckin), *Journal of Business Cycle Measurement and Analysis*, 2004, Vol. 1, No. 2, pp. 171-191.

"On the Measurement of Business Cycles and Growth Cycles," (with Victor Zarnowitz), *Indian Economic Review*, Vol. 36, No. 1, pp. 37-54.

"Trade, Investment and Growth: Nexus, Analysis and Prognosis." (with Kala Krishna and Norman Swanson), April 2003,), *Journal of Development Economics*, 70(2), Pages 479-499.

Book Chapters and Proceedings Publications:

Levanon, Gad, Ataman Ozyildirim, Brian Schaitkin, Justyna Zabinska. 2012. Comprehensive Benchmark Revisions of The Conference Board Leading Economic Index[®] for the United States. In *JSM Proceedings*, Business and Economic Statistics Section. Alexandria, VA: American Statistical Association. 1127-1141.

Swanson, Norman R., A. Ozyildirim and M. Pisu, August 2003, "A Comparison of Alternative Causality and Predictive Ability Tests in the Presence of Integrated and Cointegrated Economic Variables," in *Computer Aided Econometrics*, eds. David Giles, Marcel Dekker: New York.

McGuckin H., Robert, and A. Ozyildirim. 2004, "Does the Leading Index Predict in Real Time?" in *Composite Indicators of Business Activity for Macroeconomic Analysis*, ed. Zbiegniew Matkowski, Papers and Proceedings Research Institute of Economic Development: Warsaw, Poland.

"Making the Composite Index of Leading Economic Indicators More Timely" (with Robert H. McGuckin and Victor Zarnowitz), *The Conference Board Business Cycle Indicators Handbook* 2001, pp. 37-45.

Working Papers and Research in Progress:

"Signposts of Innovation: A Review of Innovation Metrics," with Xiaohui (Janet) Hao, and Bart van Ark, The Conference Board Economics Program Working Papers, EPWP1701

"Identification and Monitoring of Business Cycles in the Economies in the Gulf Cooperation Council Region," with Mohammad Alomar, Jing Sima-Friedman, and Magdy Ali, The Conference Board Economics Program Working Papers, EPWP1503

"Tracking Business Cycles in Brazil with Composite Indexes of Coincident and Leading Economic Indicators," with Aloisio Campelo Jr., Jing Sima, Sarah Lima, and Paulo Picchetti, The Conference Board Economics Program Working Papers, EPWP1306

"Modeling Trends, Cyclical Movements and Turning Points of the Chinese Economy," with Harry X. Wu, Institute of Economic Research, Hitotsubashi University, Tokyo & The Conference Board China Center, Beijing, The Conference Board Economics Program Working Papers, EPWP1302

"Projecting Global Growth," with Vivian Chen, Ben Cheng, Gad Levanon, and Bart van Ark, The Conference Board Economics Program Working Papers, EPWP1202

"Using the *Leading Credit IndexTM* to Predict Turning Points in the U.S. Business Cycle," with Gad Levanon, Jean-Claude Manini, Brian Schaitkin, and Jennelyn Tanchua, The Conference Board Economics Program Working Papers, EPWP1105

"Comprehensive Benchmark Revisions for *The Conference Board Leading Economic Index*® for the United States," with Gad Levanon, Brian Schaitkin, and Justyna Zabinska, The Conference Board Economics Program Working Papers, EPWP1106

"Do ex-post business cycle classifications capture market participants' real-time expectations?" with Georg Bestelmeyer, University of Cologne, Corporate Finance Seminar, Dieter Hess, University of Cologne, Corporate Finance Seminar

"Investor Inattention and the Market Impact of Summary Statistics," with Thomas Gilbert, University of Washington - Department of Finance and Business Economics, Shimon Kogan, University of Texas at Austin - Red McCombs School of Business, Lars Lochstoer, Columbia University - Columbia Business School, March 2011

"Does Growth Cycle Analysis Help Settle Slowdown vs. Recession Debate?"

"A Vintage Database to Study the Size and Scope of Data Revisions on Business Cycle Indicators"

"Predictive Ability of the Composite Index of Leading Economic Indicators: International Evidence from United Kingdom, Germany, Japan and South Korea"

"On the Selection of Leading Economic Indicators for China," with Bill Adams, Pieter Bottelier, and Jing Sima-Friedman, July 2010, The Conference Board Economics Program Working Paper Series, EPWP #10-02

"Some Recent Changes in Economic Growth, Cycles and Volatility," with Victor Zarnowitz, January 2009, The Conference Board Economics Program Working Paper Series, EPWP #09 – 01

- "Releases of Previously Published Information Move Aggregate Stock Prices," (with Thomas Gilbert, UC Berkeley, Shimon Kogan, Carnegie-Mellon University, Lars Lochstoer, London Business School) March 2006.
- "A More Timely and Useful Index of Leading Indicators," (with Robert H. McGuckin and Victor Zarnowitz), SSRN Working Paper (http://papers.ssrn.com), February 2003.
- "Time Series Decomposition and Measurement of Business Cycles, Trends, and Growth Cycles," (with Victor Zarnowitz), NBER Working Paper No. 8736, January 2002.
- "The Composite Index of Leading Economic Indicators: How To Make It More Timely," (with Robert H. McGuckin and Victor Zarnowitz), NBER Working Paper No. 8430, August 2001.
- "Trade, Investment and Growth: Nexus, Analysis and Prognosis," (with Kala Krishna and Norman Swanson), NBER Working Paper No. W6861, December 1998.

The Conference Board Publications:

- "Trading Up: With global growth finally on the rise, is the trade recovery sustainable?" with Abdul Erumban, Erik Lundh, Ilaria Maselli, and Klaas de Vries, The Conference Board Research Report, R-1656-18, February 2018
- "Rethinking Innovation Spending: What the data on intangible investment reveals," with Carol Corrado, PhD and Janet X. Hao, PhD, December 2017
- "Insights from Highly Innovative Companies: Results from The Conference Board and *InnovationOne* Global State of Innovation Survey 2017," with Victor Assad; C. Brooke Dobni, PhD; Ed Colby, The Conference Board Research Report, R-1648, November 2017
- "Signposts of Innovation: Toward Better Innovation Metrics for Business—A Primer," with Bart van Ark and Xiaohui (Janet) Hao, The Conference Board Research Report, R-1626-KBI, May 2017
- "Prioritizing Productivity to Drive Growth, Competitiveness, and Profitability," with Bart van Ark, Elizabeth Crofoot, Abdul Erumban, Prajakta Bhide, and Gad Levanon, The Conference Board Research Report, R-1580-KBI, June 2015
- "The Conference Board Global Economic Outlook 2016: The Global Economy in a Holding Pattern," with Bart van Ark, Abdul Azeez Erumban, Gad Levanon, Andrew Polk, Jing Sima-Friedman, and Klaas de Vries, The Conference Board Research Report, 1595-15, November 2015
- "Understanding Business Cycles: The Indicators Approach to Forecasting for Agility: The Indicators Approach to Forecasting for Agility," editor, The Conference Board Research Report, R-1519-13-RR, June 2013
- "Assessing the Risks of an Economic Downturn in Japan," with Andre Therrien and Jing Sima-Friedman, Executive Action Report, A-0348-11-EA, April 2011.
- "The Potential Economic Impact of the 2009 A(H1N1) Influenza (Swine Flu) Pandemic," with Brian Schaitkin and Andre Therrien, Executive Action Report, A-0302-09-EA, May 2009.
- "The U.S. Economy During and After the 2001 Recession: A look at the Coincident Index, Real GDP, and Productivity" (with Robert H. McGuckin and Victor Zarnowitz), Business Cycle Indicators, February 2005.

"Measuring Economic Growth and Fluctuations with The Conference Board Composite Indexes of Business Cycles," (with Dara Lee and Victor Zarnowitz), Business Cycle Indicators, January 2006.

"Indexes of Current Economic Conditions Around the Globe," (with Michael Fort), Business Cycle Indicators, October 2002.

Selected Presentations:

"Developing Leading Economic Indexes for European and Asian Countries: The Experience of The Conference Board Global Indicators Research Institute," The Conference Board and Development Research Center Working Meeting on Business Cycle Indicators, Beijing, January 16, 2007

"Using Neftci's Probability Model to Interpret Signals from the Index of Leading Economic Indicators," BCI Advisory Panel Meeting, New York, December 6, 2004

"Economic Indicators at The Conference Board," International Seminar on Economic Indicators and Business Cycles, Singapore, May 26-27, 2004

"A More Timely and Useful Index of Leading Indicators," International Seminar on Economic Indicators and Business Cycles, Singapore, May 26-27, 2004

"A More Timely and Useful Index of Leading Indicators," Federal Committee on Statistical Methodology Conference, Arlington Virginia, November 17-19, 2003

"A More Timely and Useful Index of Leading Indicators," Joint Statistical Meetings of the American Statistical Association, New York, NY, August 2002

"Developing Leading Economic Indexes for European and Asian Countries: The Experience of The Conference Board Global Indicators Research Institute," China-U.S. Economic Forum, Beijing, China, May 2001

"The Composite Index of Leading Economic Indicators: How To Make It More Timely," 25th Conference of Center for International Research on Economic Tendency Surveys, Paris, France, October 2000

Editorial Activities

Editorial Board, "Journal of Business Cycle Measurement and Analysis," 2006-present.

Referee: <u>Journal of Forecasting, Emerging Markets Finance and Trade, International Journal of Forecasting, Journal of Applied Economics, Economic Modelling, Journal of Business Cycle Measurement and Analysis, Journal of Economics and Business, Review of International Economics</u>

Other Professional Activities

Council of Professional Associations on Federal Statistics (COPAFS) -- TCB representative Financial Services Volunteer Corps (FSVC) –volunteer National Association for Business Economics – Data Analytics Roundtable, Chair American Statistical Association – Business and Economic Statistics Section, Chair-Elect (2017)

Honors and Awards:

Outstanding Teaching Assistant Award, May 1995 Phi Kappa Phi, May 1992 Omicron Delta Epsilon, April 1990 Ithaca College Academic Scholarship, 1988-1992 Eagle Scout, Boy Scouts of America

Computer Programming Experience:

Eviews, R, Stata, Gauss, SAS, Rats, Limdep, Mathematica, Mathcad, Maple

Languages:

Turkish (native), English (fluent), French (fair)