

# LEWIS SEGAL

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## EDUCATION

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**Northwestern University, Ph.D., Economics, 1993**

**Northwestern University, M.A., Economics, 1990**

**Northwestern University, Bachelor of Science in General Education, 1986**

## PROFESSIONAL EXPERIENCE

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- New York State Department of Taxation and Finance, Albany NY** 2019-present
- Special Assistant/Chief Analytics Officer; head of Office of Data Analytics (Jan 2022)
  - Senior Advisor to Commissioner and leadership on data analysis and machine learning
  - Designed and managed quantitative projects related to tax administration
  - Established the Ph.D. internship program
- University at Albany (SUNY) and Union College** 2013-present
- Visiting Professor and Lecturer
  - Financial Economics and Economic Statistics
  - Supervising graduate and undergraduate research projects
- Goldman, Sachs & Co., New York NY** 2000-2011
- Managing Director and Chief Financial Officer for Global Investment Research Division
  - Research analyst in Global Portfolio Analysis and Commodities areas
  - Developed patented tools for assessing, managing, and taking macro equity risk (Alpha Maintaining Portfolios and Wavefronts)
- Magnify, Inc. and InfoWorks, Chicago IL** 1998-2000
- Director of Professional Services and Vice President of Analytics and Technology
  - Data mining and CRM professional services to financial and retail industries
  - Clients include Alta Vista, Dell, Anexsys, and U.S. West
- Federal Reserve Bank of Chicago, Chicago IL** 1993-1998
- Senior economist in Research Department
  - Responsible for labor market FOMC briefing and analysis of bank fair lending information
  - Research into temporary work, homeownership, and mortgage markets
- Estima (VAR Econometrics), Evanston IL** 1990-1993
- Development and support of the *Regression and Time Series (RATS)* software
- Independent Consultant, Chicago IL** 1987-1990
- Projects for Arthur Andersen, Chicago Title and Trust, and Commerce Clearing House
- Datalogics Inc., Chicago IL** 1982-1987
- Director of Systems Engineering for developer of computer publishing solutions
- Illinois Cancer Council, Chicago IL** 1980-1982
- Research programmer supporting clinical trials and state-wide cancer registry
- G.D. Searle and Company, Skokie IL** 1978-1982
- Statistical programmer involved in clinical trials and pharmacokinetics research

## TEACHING EXPERIENCE

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Visiting Professor and Lecturer, University at Albany, State University of New York, Financial Economics (graduate and undergraduate) and Economic Statistics (undergraduate), Fall 2013 to present

Instructor, Union College, Seminar in Finance, Spring 2016

Instructor, Northwestern University, University College, Labor Economics, Summer 1991 and Spring 1992

Instructor, Oakton Community College, Principles of Microeconomics, Summer 1990

Teaching Assistant, Northwestern University, Introduction to Micro Economics, Fall 1989 and Spring 1990

Teaching Assistant, Northwestern University, Introduction to Econometrics, Winter 1990

## FELLOWSHIPS AND AWARDS

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Visiting Scholar, Center for Urban Affairs and Policy Research, Northwestern University, 1993-1995

Research Fellowship, Center for Urban Affairs and Policy Research, Northwestern University, 1990-1993

Fellowship, Governance of Nonprofit Organizations Fellowship Program, Indiana University Center on Philanthropy, 1991-1992

University Fellowship, Northwestern University, 1988-1989

## HOBBIES AND INTERESTS

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Scuba diving, guitar, and travel.

## PUBLICATIONS

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"The Temporary Labor Force," (with Daniel Sullivan), *Federal Reserve Bank of Chicago Economic Perspectives* First Quarter 1995 pp. 2-19

"Small Sample Bias in GMM Estimation of Covariance Structures," (with Joseph Altonji), *Journal of Business and Economic Statistics* Vol. 14 No. 3, July 1996, pp. 353-366

"Flexible Employment: Composition and Trends," *Journal of Labor Research* Vol. XVII, Fall 1996

"CRA and Fair Lending Regulations: Resulting Trends in Mortgage Lending," (with Douglas Evanoff), *Federal Reserve Bank of Chicago Economic Perspectives* Fourth Quarter 1996 pp. 19-46

"Commercial Activity and Taxation in the Nonprofit Sector," (with Laura Connolly) invited paper, *1996 Proceedings of the 89th Annual Conference on Taxation*, National Tax

"The Growth of Temporary Services Work," (with Daniel Sullivan), *Journal of Economic Perspectives* Spring 1997 pp. 117-136

"Temporary Services Employment Durations: Evidence from State U.I. Data," (with Daniel Sullivan), Federal Reserve Bank of Chicago Working Paper 1997-23

"Strategic Responses to Bank Regulation: Evidence from HMDA Data," (with Douglas Evanoff), *Journal of Financial Services Research* Vol. 11, 1997. Reprinted in *Discrimination in Financial Services*. George Benston, William C. Hunter and George Kaufman, editors. Kluwer Academic Publishers, 1997

"Mortgage Trends in Targeted Markets", (with Douglas Evanoff), *Chicago Fed Letter* May 1997

"New Data on Mortgage Lending", (with Paul Huck), *Chicago Fed Letter* July 1997

"Trends in Homeownership: Race, demographics, and Income," (with Daniel Sullivan), *Federal Reserve Bank of Chicago Economic Perspectives* Second Quarter 1998 pp. 53-72

"Wage Differentials for Temporary Services Work: Evidence from Administrative Data" (with Daniel Sullivan), Federal Reserve Bank of Chicago Working Paper 1998-23, revised June 2000

"Interdependence of Commercial and Donative Revenues," (with Burton Weisbrod), Chapter 6 in *To Profit or Not to Profit: The Commercial Transformation of the Nonprofit Sector*," edited by Burton A. Weisbrod, Cambridge University Press, New York, 1998, pp. 105-127. (Reprinted in Margaret Riley, ed., *Compendium of Studies of Tax-Exempt Organizations, 1989-1997*, Volume 3, Internal Revenue Service, Washington, DC, 2002)

"Black/White Differences in Wealth" (with Joseph Altonji and Ulrich Doraszelski), *Federal Reserve Bank of Chicago Economic Perspectives*, Winter 2000 pp. 38-50

"Volunteer Labor Sorting Across Industries," (with Burton Weisbrod) *Journal of Policy Analysis and Management* 2002

References available upon request