

## **Professor Zvi Eckstein**

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The Interdisciplinary Center Herzliya - IDC

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### **CURRICULUM VITAE**

Date of Birth: April 9, 1949, Israel

Marital Status: Married + 3 children + 3 grandchildren

#### **EDUCATION**

1971-1974 Tel-Aviv University Economics B.A. 1974

1976-1980 University of Minnesota Economics Ph.D. 1981

***Doctoral Dissertation:*** Rational Expectations Modeling of Agricultural Supply: The Egyptian Case

**Current Positions:** Dean and Professor, the Tiomkin School of Economics, the Interdisciplinary Center Herzliya – IDC.  
Head, the Aaron Economic Policy Institute, IDC, Herzliya  
Tel Aviv University, the Eitan Berglas School of Economics, Emeritus Professor.

#### **ACADEMIC AND PROFESSIONAL EXPERIENCE**

1980-1984	Yale University, Department of Economics & Economic Growth Center, Assistant Professor	
1983-1985	Tel Aviv University, Department of Economics,	Lecturer
1985-1989	Tel-Aviv University, Department of Economics	Senior Lecturer
1989-1999	Tel-Aviv University, Department of Economics	Associate Professor
1999-2012	Tel-Aviv University, Berglas School of Economics	Full Professor
1986-1987	Carnegie-Mellon University, GSBA,	Visiting Associate Professor
1987-1988	University of Pittsburgh, Department of Economics,	Visiting Associate Professor
1989-2001	Boston University, Department of Economics	Professor
2001-2006	University of Minnesota, Department of Economics	Professor
2006-2011	Bank of Israel	Deputy Governor
2011-2019	University of Pennsylvania, Wharton School of Business	Visiting Professor

### **ACADEMIC AND PROFESSIONAL AWARDS**

1976-78	University of Minnesota, Korda Fellowship
1982	General Service Foundation, Grant to the Economic Growth Center at Yale University.
1982-84	National Science Foundation, Grant No.SES-8207594
1984	David Horowitz Institute for the Research of Developing Countries, Tel-Aviv University, Yavor Prize for a paper.
1985-87	National Science Foundation, Grant No.SES-8502214
1987-90	National Science Foundation, Grant No.:SES-8715706
1988-90	Bi-national Science Foundation, Grant No.: 87-00121/1
1991-93	National Science Foundation, Grant No.: SES-9109607
1993-96	National Science Foundation, Grant No.: SES-9309636
1997-1999	German-Israeli Foundation for Scientific Research & Development, Grant no. I 0427-084.4
1997-2000	National Institute of Child Health and Human Development, Grant no: 1 R01 HD34716-01.
2001-2004	Israel Science Foundation, Grant No. 884/01-1.
2004-2007	National Science Foundation, Grant No. : SES-0318364
2004-2006	Israel Science Foundation, Grant No. 815-04.
2012-2017	Israel Science Foundation, Grant No. 1401-12.

### **HONORS**

The Walras-Bowely Lecture, The Econometric Society North America Summer Meetings, Pittsburgh, US, June 19, 2008.

### **OTHER PROFESSIONAL ACTIVITIES:**

Since 2000	Fellow of the Econometric Society.
Since 1998	Research Fellow, IZA, Institute for the Study of Labor.
Since 1997	Research Fellow, CEPR, Center for Economic Policy Research.
Since 1981	Member of the American Economic Association Member of the Econometric Society.

### **PAST and CURENT PROFESSIONAL ACTIVITIES**

2018 -	Director from the public, Alony-Hetz Property and Investment ltd.
2017 - 2019	Chair of government appointed committee for employment policy for 2030
2006-2011	Deputy Governor, Bank of Israel; Head of several government committees regarding labor market policy
1997-2010	Co-Editor the European Economic Review
2002-2006	Chairman of the Investment Committee and Director of the Provident Funds of the Mercantil-Discount Bank, Israel
2001-2006	Consultant, Federal Reserve Bank of Minneapolis
2005	Member of a Public committee appointed by the Defense Minister of Israel on Shortening the Length of Mandatory Military Service.
2005	Member of a Public committee appointed by the Minister of Industry, Commerce and Employment on revising the Anti-Trust law.
1999-2001	Chairman, Eitan Berglas School of Economics, Tel Aviv University

- 1998-2001 Chairman of the Investment Committee and Director at the Provident Funds of Bank Leumi of Israel Ltd.
- 2000 Member of an Israeli government committee on the minimum wage.
- 1993–1998 Chairman of the Investment Committee and Director of the Provident Funds of the Mercantil-Discount Bank, Israel.
- 1994 –1995 Chairman of a professional committee “For the advancement of the employment of engineers and other experts among the immigrants and for the utilization of the human capital of the recent immigration wave”, appointed by Mr. Yair Zaban, The Minister of Immigration Absorption, The State of Israel.
- 1992–1997 Director from the Public of Mei-Eden Cooperation, Israel.
- 1992-1993 Chairman of the Investment Committee and Director in LHAK Mutual funds of Bank Hapoalim, Israel.

## **LIST OF PUBLICATIONS**

### **BOOKS**

M. Botticini and Z. Eckstein

"THE CHOSEN FEW: HOW EDUCATION SHAPED JEWISH HISTORY, 70 – 1492", PRINCETON UNIVERSITY PRESS, August, 2012 (<http://press.princeton.edu/titles/9744.html>)

S. Cohen-Goldner, Z. Eckstein and Y. Weiss

"Immigration and Labor Mobility in Israel, 1990-2000", The MIT Press, September 2012 (<http://mitpress.mit.edu/books/immigration-and-labor-market-mobility-israel-1990-2009>).

J. Braude, Z. Eckstein, S. Fischer, and K. Flug (editors)

“The Great Recession: Lessons for Central Bankers, The MIT Press, December 2012.

M. Blecher, Z. Eckstein, Z. Hercowitz and L. Leiderman (editors),

Financial Factors in Stabilization and Growth, Cambridge University Press, 1996.

Z. Eckstein (editor)

Aspects of Central Bank Policy Making, Springer-Verlag: Heidelberg, 1991.

### **ARTICLES**

Z. Eckstein

"A Rational Expectations Model of Agricultural Supply", Journal of Political Economy, Vol.92, No.1, February 1984, 1-19.

Z. Eckstein, M. Eichenbaum, D. Peled

"Uncertain Lifetime and the Welfare Enhancing Properties of Annuity Markets and Social Security," Journal of Public Economics 26, 1985, 303-326.

Z. Eckstein, T.P. Schultz, K.I. Wolpin  
"Short-run Fluctuations in Fertility and Mortality in Preindustrial Sweden," European Economic Review, Vol.26, 1984, 295-317.

Z. Eckstein, M. Eichenbaum, D. Peled  
"The Distribution of Wealth and Welfare in the Presence of Incomplete Annuity Markets," Quarterly Journal of Economics, Vol.100, 1985, 221-243.

Z. Eckstein  
"The Dynamics of Agricultural Supply: A Reconsideration," American Journal of Agricultural Economics, Vol.67, 1985, 204-214.

Z. Eckstein, K.I. Wolpin  
"Endogenous Fertility and Optimal Population Size," Journal of Public Economics, Vol.27, 1985, 93-106.

Z. Eckstein, S. Stern, K.I. Wolpin  
"Fertility Choice, Land and the Malthusian Hypothesis," International Economic Review, Vol.29, 1988, 353-361.

A. Drazen and Z. Eckstein  
"On the Organization of Rural Markets and the Process of Economic Development," American Economic Review, Vol.78, 1988, 431-443.

Z. Eckstein, Y. Weiss, A. Fleising  
"University Policies under Varying Market Conditions: The Training of Electrical Engineers," Economics of Education Review, Vol.7, No.21, 1988, 393-403.

Z. Eckstein and K.I. Wolpin  
"Dynamic Labor Force Participation of Married Women and Endogenous Work Experience," Review of Economic Studies, Vol.56, 1989, 375-590.

Z. Eckstein and K.I. Wolpin  
"The Specification and Estimation of Dynamic Stochastic Discrete Choice Models: A Survey," Journal of Human Resources, Vol.24, 1989, 562-598.

Z. Eckstein and K.I. Wolpin  
"Estimating a Market Equilibrium Search Model from Panel Data on Individuals," Econometrica, Vol.58, 1990, 783-808.

B. Bental and Z. Eckstein  
"The Dynamics of Inflation with Constant Deficit under Expected Regime Change," Economic Journal, Vol.100, 1990, 1245-1260.

Z. Eckstein and L. Leiderman

"Seigniorage and the Welfare cost of Inflation: Evidence from an Intertemporal Model of Money and Consumption," Journal of Monetary Economics, (29) 1992, 389-410.

Z. Eckstein and I. Zilcha

"The Effect of Compulsory Schooling on Growth, Income Distribution and Welfare", Journal of Public Economics, (54) 1994, 339-359.

Z. Eckstein and K. Wolpin

"Duration to First Job and the Return to Schooling: Estimates from a Search-Matching Model" , Review of Economic Studies, 1995, 62, 263-286.

Z. Eckstein, C. Folulidas and T. Kollintzas

"On the Many Kinds of Growth: A Note", International Economic Review, 1996, 37, 487-496.

J. Eaton and Z. Eckstein

"Cities and Growth: Theory and Evidence from France and Japan", Regional Science and Urban Economics, 1997, 27, 443-474.

B. Bental and Z. Eckstein

"On the Fit of a Neoclassical Monetary Model in High Inflation: Israel 1972-1990", Journal of Money Credit and Banking, 1997, 29, 725-752.

S.R. Aiyagari, T. Braun and Z. Eckstein

"Transaction Services, Inflation and Welfare", Journal of Political Economy, 106, 1998, 1274-1301.

Z. Eckstein, M. Pedro and K.I. Wolpin

"A Quantitative Analysis of Swedish Fertility Dynamics: 1751-1990", Review of Economic Dynamics, 2, 137-165, 1999.

Z. Eckstein and K.I. Wolpin

"Estimating the Effect of Labor Market Discrimination on First Job Wage Offers", Review of Economics and Statistics, 81(3), 1999, 384-392.

Z. Eckstein and K.I. Wolpin

"Why Youth Drop out of High School: The Impact of Preferences, Opportunities and Abilities", Econometrica 67 no.6, 1999, 1295-1339.

A. J. Bowlus and Z. Eckstein

"Discrimination and Skill Differences in an Equilibrium Search Model", International Economic Review, Vol.43.4, 2002, 1309-1346.

F. M. Fisher, S. Arlosoroff, Z. Eckstein, M. Haddadin, S. G. Hatami, A. Huber-Lee, A. Jarrar, A. Jayyousi, U. Shamir, H. Wesseling  
"Optimal Water Management and Conflict Resolution: The Middle East Water Project, Water Resources Research, 38, 2002, 1-25.

S. Cohen and Z. Eckstein  
"The Participation of Female Immigrants from the Former Soviet Union in Vocational Training Courses in Israel", Israel Economic Review Vol.1, 2003, 35-54.

Z. Eckstein and Y. Weiss  
"On the Wage Growth of Immigrants: Israel 1990-2000", Journal of European Economic Association, 2004, 2(4), 665-695.

Z. Eckstein and D. Tsiddon  
"Macroeconomic Consequences of Terror: Theory and the Case of Israel". Journal of Monetary Economics, V 51:5, 2004, 971-1002.

Z. Eckstein and E. Nagypal  
"The Evolution of U.S. Earnings Inequality: 1961–2002", Federal Reserve Bank of Minneapolis Quarterly Review, Vol. 28, No. 2, December 2004, pp. 10–29.

M. Botticini and Z. Eckstein  
"Jewish Occupational Selection: Education, Restrictions, or Minorities?", Journal of Economic History, December 65(4), 2005.

Z. Eckstein and G. J. van den Berg  
"Empirical Labor Search: A Survey", Journal of Econometrics, vol. 136(2), pages 531-564, 2007.

Z. Eckstein and R. Shachar  
"Correcting for Bias in Retrospective Data ", Journal of Applied Economics, 22 (3), 2007, 657-675.

M. Botticini and Z. Eckstein  
"From Farmers to Merchants, Conversions and Diaspora: Human Capital and Jewish History." Journal of the European Economic Association 5, no. 5 (September 2007): 885-926.

S. Cohen-Goldner and Z. Eckstein  
"Labor Mobility of Immigrants: Training, Experience, Language and Opportunities", International Economic Review, Vol. 49, No. 3, August 2008, pp. 837-872.

S. Cohen-Goldner and Z. Eckstein  
"Estimating the Return to Training and Occupational Experience: The Case of Female Immigrants", Journal of Econometrics, Vol. 156(1), May 2010, pp. 86-105.

Z. Eckstein, S. Ge and B. Petrongolo  
"Job and Wage Mobility with the Minimum Wage and Imperfect Compliance ", Journal of Applied Economics, Vol. 26/ 4, June 2011, pp. 580–612.

Z. Eckstein and O. Lifshitz  
"Dynamic Female Labor Supply", Econometrica, Vol. 79, No. 6, November, 2011, 1675–1726.

Z. Eckstein and O. Lifshitz  
"Household Interaction and the Labor Supply of Married Women", International Economic Review, Vol. 52, No. 2, May 2015; p. 427-455.

Z. Eckstein, O. Setty and D. Weiss  
"Financial Risk and Unemployment", International Economic Review, (forthcoming), 2018.

Zvi Eckstein, Michael Keane and Osnat Lifshitz  
"Career and Family Decisions; Cohort born 1935-1975)", Econometrica (forthcoming), 2018.

Maristella Botticini, Zvi Eckstein and Anat Vaturi  
"Child Care and Human Development: Insights from Jewish History in Central and Eastern Europe, 1950-1930", Economic Journal (forthcoming), 2019.

### **ARTICLES IN HEBREW**

Z. Eckstein  
"The Dynamics of Cotton Production in Israel 1976-1983: An Econometric Analysis of Data from Individual Growers," Economic Quarterly 33, 1987 (Hebrew).

Z. Eckstein, D. Zackai , Y. Nachtom and G. Fishelson  
"The Allocation of Water Sources between Israel, the West Bank and Gaza: An Economic Analysis", Economic Quarterly, 41, 1994, 331-369 (Hebrew).

Z. Eckstein and M. Gotlibovski  
"Employment Vouchers as Subsidies for the Absorption of Highly Educated Immigrants in Academic Jobs", The Economic Quarterly, 43, 1996, 454-481 (Hebrew).

Z. Eckstein and M. Perlman  
"Competition and Privatization of Land in Israel", The Economic Quarterly, 44, 1997, 574-605 (Hebrew).

Z. Eckstein and M. Perlman  
"The Impact of Vertical Contracts in the Gasoline Market of the Social Welfare", The Economic Quarterly, Vol. 46.1, 1999, 264-85 (Hebrew).

Z. Eckstein and H. Regev  
"Productivity Growth in the Israeli Manufacturing Industry", The Economic Quarterly, Vol. 46.2, 1999, 65-92 (in Hebrew).

Z. Eckstein and S. Cohen

"Participation of USSR Female Immigrants in Vocational Training", The Economic Quarterly, Vol. 48.3, 2001, 335-357 (Hebrew).

Z. Eckstein

"Israeli Men do not Work, What Should be Done?", The Economic Quarterly, Vol. 49.3, 2002, 425-432 (Hebrew).

### **CHAPTERS IN BOOKS:**

Z. Eckstein, and M.S. Eichenbaum

"Oil Supply Disruptions and the Optimal Tariff in a Dynamic Stochastic Equilibrium Model," in Thomas J.Sargent (ed.), Energy Foresight and Resources for the Future Strategy, Resources for the Future, Inc., Washington DC, 1985, 41-69.

J. Eaton and Z. Eckstein

"The U.S. Strategic Petroleum Reserve: An Analytic Framework," in The Structure and Evolution of Recent U.S. Trade Policy, edited by Robert E. Baldwin and Anne O. Krueger. University of Chicago Press, 1984.

Z. Eckstein, M.S. Eichenbaum

"Inventories and the Quantity Constrained Equilibrium in a Regulated Market: The U.S. Petroleum Industry 1947-1972," in Thomas J.Sargent (ed.), Energy Foresight and Strategy, Resources for the Future, Inc., Washington DC, 1985, 70-100.

B. Bental, Z. Eckstein and D. Peled

"Banks Instability and Government Intervention in the National and International Capital Market," Proceedings of the Third Symposium on Money, Banking and Insurance, H.Goppl and R.Henn (eds.), Karlsruhe 1986, 561-569.

B. Bental and Z. Eckstein

"Inflation, Deficit and Seignorage with Expected Stabilization," in Economic Effects of the Government Budget, E.Helpman, E.Sadka and A.Razin (eds.), The MIT Press, 1988, 238-253.

Z. Eckstein, S. Stern and K.I. Wolpin

"On the Malthusian Hypothesis and the Dynamics of Population and Income in an Equilibrium Growth Model with Endogenous Fertility," in Klaus F. Zimmermann (ed.), Economic Theory of Optimal Population (Springer-Verlag, Berlin, Heidelberg, 1988), 105-115.

S.R. Aiyagari, Z. Eckstein and M. Eichenbaum

"Inventories and Price Fluctuations under Perfect Competition and Monopoly," in T.Kollintzas (ed.), The Rational Expectations Equilibrium Inventory Model: Theory and Applications, Springer-Verlag, New York, 1989, 34-71.



Z. Eckstein and K.I. Wolpin

"On the Estimation of Labor Force Participation, Job Search and Job Matching Models Using Panel Data," in Advances of Theory and Measurement of Unemployment, Y.Weiss and G.Fishelson, (eds.), Macmillan Press: London, 1989, 209-213.

B. Bental, Z. Eckstein and D. Peled

"Competitive Banking with fractional Reserves and Regulations", in Aspects of Central Bank Policy Making, Z. Eckstein , (ed.), Springer-Verlag: Heidelberg, 1991.

R. Aiyagari and Z. Eckstein

"Interpreting Monetary Stabilization in a Growth Model with Credit Goods Production", in Financial Factors in Stabilization and Growth, M. Blecher, Z.Eckstein, Z. Hercowitz and L.Leiderman (eds.), Cambridge University Press (1996).

Z. Eckstein and Y. Weiss

"The Integration of Immigrants from the Former Soviet Union in the Israeli Labor Market", in Ben-Bassat Avi, (ed.), The Israeli Economy, 1985-1998: From Government Intervention to Market Economics, Essays in Memory of Prof. Michael Bruno, MIT Press. 2002, pp. 349-378.

M. Botticini and Z. Eckstein

"Path Dependence and Occupations," *The New Palgrave Dictionary of Economics*”, 2008.

M. Botticini and Z. Eckstein

"Religious Norms, Human Capital, and Money Lending in Jewish European History ", in Rachel M. McCleary (ed.), *Handbook of the Economics of Religion*, Oxford University Press, 2010).

S. Cohen-Goldner, Z. Eckstein and Y. Weiss

“The Immigration from the former Soviet Union to Israel: Evidence and Interpretation”, in Christian Dustmann (Editor), *Migration: Economic Change, Social Challenge*, Oxford University Press, (Forthcoming) 2015.

#### **EDITING, REVIEWS AND COMMENTS**

Z.Eckstein

Book Review on "Free Banking in Britain: Theory, Experience and Debate, 1800-1845," by Lawrence H.White, Cambridge University Press, 1984, Journal of Money, Credit and Banking 27, 1985, 412-414.

Z. Eckstein

Book review on "Household and Economy: Welfare Economics of Endogenous Fertility," by M.Nerlove, A.Razin and E.Sadka, Boston: Academic Press Inc., 1987, Journal of Development Economics, 1989, 209-213.

Z. Eckstein

Book review on: "High Inflation" by Daniel Heymann and Axel Leijonhufvud, Oxford University Press, 1996. Journal of Economic Literature, Vol. XXXIV, June 1996, 137-139.

Z. Eckstein

Comment on: "No Money, No Inflation – The Role of Money in the Economy", by Mervyn King, Economie Internationale 88 (2001), p. 133-140.

Z. Eckstein

Book review on: "Judaism in Transition: How Economic Choices Shape Religious Tradition", by Carmel U. Chiswick, Stanford University Press, Stanford Economics and Finance (2014), Journal of Economic Literature, V 202 ol. LIII (December 2015).

### **DISCUSSION PAPERS**

B. Bental, Z. Eckstein and D. Peled

"Competitive Banking with Confidence Crisis and International Borrowing," 1987.

Z. Eckstein, D. Horsky and Y. Raban

"An Empirical Dynamic Model of Optimal Brand Choice", Foerder Institute for Economic Research Discussion paper, December 1988.

Zvi Eckstein, Assaf Sarid and Yuli (Yael) Tamir

"Cross Countries Aggregate Education Impact on GDP per-capita: Growth or Levels?", 2017.