

CURRICULUM VITAE

GERSHON ALPEROVICH

PERSONAL

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Office Addresses (1): Department of Economics
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Born : November 30, 1942, Jerusalem, Israel

Marital Status : Divorced, 2 children

Citizenship : Israeli

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Military Service : 1962-1964, Infantry, Golani, Gdod 13 and Golani School of Commanders in Johara

ACADEMIC EDUCATION

Faculty of Social Sciences: Hebrew University of Jerusalem, Jerusalem, Israel, 1964-1966. Degree Confirmed: **BA in Economics and Statistics** in 1966.

Faculty of Social Sciences, Hebrew University of Jerusalem, Jerusalem, Israel, 1967-1968, Graduate Studies in **Economics**.

Graduate School of Arts and Sciences: **University of Pennsylvania**, Philadelphia, Pa. USA, 1969-1973. Degrees confirmed:

1. **MA** in 1971.

2. **Ph.D.** in 1973. Fields of specialization: **Urban and Regional Economics**.

Ph.D. thesis: Reginal Production Functions

ACADEMIC POSITIONS

- 2015-2017 : **Chair**, Multidisciplinary Department Zefat Academic College Zefat,
- 2011- October : **Professor Emeritus**, Bar Ilan University
- 2008-Feb 2010 : **Visiting Professor**, Department of Economics, **City College, CUNY, City University of New York, NY, USA**
- 2004 : **Visiting Professor**, Department of Economics, **National University of Singapore, Singapore.**
- 1997- : **Full Professor** College of Zefat, Zefat, Israel
- 1997 - : **Full Professor**, Department of Economics, Bar-Ilan University.
- 1997 : **Full Professor**, College of Ashkelon, Ashkelon.
- 1994-1996 : **Visiting Associate Professor**, Department of Economics, Hong Kong, **University of Science and Technology**, Clear Water Bay, Kowloon, Hong Kong.
- 1993-1994 : **Academic Director of Economic Studies**, the Colleges Unit, Bar-Ilan University, Israel.
- 1993-1994, 1996 : **Associate Professor**, College of Zefat, Zefat, Israel.
- 1992-1993 : **Associate Professor**, College of Zemach, Tiberias, Israel.
- 1991/Winter - Spring : **Visiting Professor**, Department of Economics, **University of California, Irvine, Irvine, CA, USA.**
- 1988-1990 : **Chair**, Department of Economics and Business Administration, Bar-Ilan University.
- 1988/Summer - Fall : **Visiting Professor**, Department of Economics, **University of**

California, San Diego, San Diego, CA, USA.

- 1985-1987 : **Managing Director**, Economic Research Institute, Bar-Ilan University.
- 1985/Winter-Summer: **Visiting Professor**, Urban Land Economics Division, Faculty of Commerce and Business Administration, **University of British Columbia, Vancouver**. BC, Canada.
- 1984 : **Associate Professor**, Department of Economics, Bar-Ilan University.
- 1984/Winter - summer: **Visiting Professor**, Department of Economics, **University of Alberta**, Edmonton. Alb, Canada.
- 1980 : **Senior Lecturer**, Department of Economics, Bar-Ilan University.
- 1980-1982 : **Associate Chairman**, Department of Economics, Bar-Ilan University.
- 1976 : **Lecturer**, Department of Economics, Bar-Ilan University.
- 1968-1969 : **Teaching Assistant**, Department of Economics, University of Tel-Aviv, Ramat Aviv. Tel Aviv, Israel.
- 1967-1969 : **Teaching Assistant**, Department of Economics, The Hebrew University of Jerusalem. Jerusalem, Israel.

TEACHING EXPERIENCE

Introductory Economics
 Microeconomic Theory
 Macroeconomics
 Statistics for Economists
 Location Theory
 Urban Economics
 Regional Economics
 Research Seminars in Economics and Urban Economics
 Review of Research on the Israeli Economy
 City Growth and Structure
 Urban Land Economics
 Transportation Economics
 Transportation and Land Uses
 Land Uses
 Public Economics
 International Economics

Research Seminar in Israeli Economy

ACADEMIC MEMBERSHIPS

- 2012- : Member of Academic College of Zefat Promotional Committee
- 2013- : Observer, Board of Management, Zefat College.
- 2011 : Member Board of Trustees.
- 1997- 2008 : Member of Bar Ilan University Promotion Committee.
- 1997-2012 : Member of the Senate of Bar Ilan University
- 2002-2003 : Chairman, student disciplinary committee of Bar Ilan University
- 1976- 2012 : Numerous departmental, faculty and University Committees, Bar Ilan University.

STUDENT SUPERVISION

PhD Student-Yuval Arbel
M.A Student-Gay Weinberger

INTERNATIONAL RECOGNITION

1991-2000 : Ranked 22nd among worldwide scholars who contributed to the top journal in Urban Economics during 1974-1989.

Ranked 18th among worldwide scholars who contributed to the top Journal in Urban Economics during 1985-1989

Source: M.T. Allen and J.B. Kau "Contributing Authors and Institutions to the *Journal of Urban Economics*: 1974-1989", *Journal of Urban Economics*, 1991, vol. 30, issue 3, pages 373-384

: Ranked 8th among the most productive worldwide authors who published regional and urban articles; 6th in urban articles, during 1991-2000.

Ranked 4th among the most productive authors who published regional or urban articles; 3rd in urban articles during 1991-1995

Source: J.Surinach, J.C.Duque, RaulRamos and Vincent Royuela "Authors', Institutions' and Countries' rankings in regional and urban

science. An analysis for nine top international journals from 1991 to 2000",
Universitat de Barcelona, Espai, de recerca en economia, pp.1-45, 2002

NON-ACADEMIC EMPLOYMENT

- 2002-2003 : **Economic Adviser** to the President and Rector of Bar Ilan University
- 2-3, 8-9, 1995 and : **Consultant**, The World Bank, Washington, DC, USA.
2-4, 1998
- 1983 - 1984 : **Senior Researcher**, Settlement Study Centre, Rehovot, Israel.
- 1982 - 1983 : **Director**, Research Unit of Settlement Study Centre, Rehovot.
- 1975 – 1982 : **Director**, Research Unit of the Land Settlement Department, Rehovot.
- 1974 - 1975 : **Research Associate**, The Urban Institute, Washington, DC, U.S.A.
Research Grant \$400.000 from NIH
- 1971 : **Research Assistant**, Department of Regional Science, University of Pennsylvania, Philadelphia, Pa, USA.
- 1969 : **Urban Economist**, Institute for Urban Research, Tel-Aviv, Israel.
- 1968 : **Economist**, Assistant to the Financial Adviser of The Hebrew University of Jerusalem.

PUBLICATIONS

Articles in Referred Journals

"An Econometric Model of Employment Growth in U.S. Metropolitan Areas," with J. Bergsman and C. Ehemann, *Environment and Planning*, Vol. 7, 1975, 833-862.

"An Econometric Model of Migration between U.S. Metropolitan Areas," with J. Bergsman and C. Ehemann, *Urban Studies*, Vol. 14, No. 2, 1977, 133-145.

"A Note on the Principle of Median Location," *Journal of Regional Science*, Vol. 19, No. 3, 1979, 399-402.

"The Cost of Living, Labor Market Opportunities and the Migration Decision: A Case of Misspecification? Comment," *The Annals of Regional Science*, Vol. 13, 1979, 102-105.

"Regional Elasticities of Substitution," *Journal of Regional Science*, Vol. 20, No. 4, 1980, 503-512.

"Determinants of Population Density Gradient in Tel-Aviv Metropolitan Area," *Urban Studies*, Vol. 17, No. 2, 1980, 185-192.

"Neighborhood Amenities and Their Impact on Density Gradients," *The Annals of Regional Science*, Vol. 14, 1980, 51-64.

"Alternative Opportunities and Intra-Urban Migration," *Applied Economics*, Vol. 14, No. 2, 1982, 139-151.

"Scale Economies and Diseconomies in the Determination of City Size Distribution," *Journal of Urban Economics*, Vol. 12, No. 2, 1982, 202-213.

"Density Gradients and the Identification of the Central Business District," *Urban Studies*, Vol. 19, No. 3, 1982, 313-320.

"Optimal Location of Public Facilities: The Case of Median and Quartiles Location," with I. Weksler, *Environment and Planning B*, Vol. 9, 1982, 143-152.

"Capital-Labor Substitution and City Hierarchies," *The Annals of Regional Science*, Vol. 17, 1983, 57-63.

"Determinants of Urban Population Density Functions: A Procedure for Efficient Estimates," *Regional Science and Urban Economics*, Vol. 13, No. 2, 1983, 287-295.

"The Cost of Living, Labor Market Opportunities and the Migration Decision: A Case of Misspecification? Comment," *The Annals of Regional Science*, Vol. 17, 1983, 94-98.

"Transport Rate Uncertainty and the Optimal Location of the Firm," with E. Katz, *Journal of Regional Science*, Vol. 23, No. 3, 1983, 389-396.

"An Empirical Study of Population Density Gradients and their Determinants," *Journal of Regional Science*, Vol. 23, No. 4, 1983, 529-540.

"Lagged Response in Intra-Urban Migration of Home Owners," *Regional Studies*, Vol. 17, No. 5, 1983, 297-304.

"Economic Analysis of Intra-Urban Migration in Tel-Aviv," *Journal of Urban Economics*, Vol. 14, No. 3, 1983, 280-292.

"The Size Distribution of Cities: On the Empirical Validity of the Rank-Size Rule," *Journal of Urban Economics*, Vol. 16, No. 2, 1984, 232-239.

"Economic Analysis of Plans for Rural Development of the Eshcol Region," with D. Freeman and I. Weksler, in *Human Settlement and Regional Development*, A. Rosenman ed., 273-290, Keter Press Enterprises, Jerusalem, 1984, (in Hebrew).

"Intraurban Residential Location: A Simultaneous Equations Model," *Atlantic Economic Journal*, Vol. 12, 1984, 32-40.

"The Economics of Choice in the Allocation of Inter-Governmental Grants to Local Authorities," *Public Choice*, Vol. 44, No. 2, 1984, 285-296.

Urban Spatial Structure and Income: New Estimates," *Journal of Urban Economics*, Vol. 18, No. 3, 1985, 278-290.

"Interregional Input-Output Model - The Israeli Case," with D. Freeman and I. Weksler, *Applied Economics*, Vol. 17, No. 3, 1985, 381-393. Also published in *Integrated Rural Regional Development for Areas of New Settlement*, N. Sherman. A. Rokach and E. Trathner, eds., International Symposium held at Rehovot, Sept. 1981, Settlement Study Centre, Rehovot, Israel, March 1984.

"Rent Gradient under Uncertainty," with E. Katz, *Urban Studies*, Vol. 22, No. 3, 1985, 257-261.

"Estimation of Interregional Trade Flows: A Markov Chain Approach," with I. Weksler and D. Freeman, *Environment and Planning A*, Vol. 18, 1986, 123-132.

"Macro-Economic Regional Planning With A Multiregional Input-Output (MRIO) Model," with D. Freeman and I. Weksler in *Studies in Israel's Economy* 1982, 1984, M. Felber, M. Michaeli and Z. Zusman, eds. 1986, 123-139, the Israeli Economic Association, Jerusalem, (in Hebrew).

"An Evaluation System for Regional-Regional and Regional-National Growth Impact," with D. Freeman and I. Weksler, *Applied Economics*, Vol.19, No. 10, 1987, 1367-1382.

"A New Testing Procedure of the Rank Size Distribution," *Journal of Urban Economics*, Vol. 23, No. 2, 1988, 251-259.

"The Location Decision and Employment Suburbanization," with E. Katz, *Urban Studies*, Vol. 25. No. 3, 1988, 243-247.

"The Distribution of City Size: A Sensitivity Analysis," *Journal of Urban Economics*, Vol. 25, No. 1, 1989, 93-102.

"Economic Development and Population Concentration," *Economic Development and Cultural Change*, Vol. 41, No. 1, 1992, 63-74.

"Population Density Gradients and Urbanization Measurement," with J. Deutsch, *Urban Studies*, Vol. 29, No. 8, 1992, 1323-1328.

"City Size and the Rate and Duration of Unemployment: Evidence from Israeli Data," *Journal of Urban Economics*, Vol. 34, No. 2, 1993, 347-357.

"An Explanatory Model of City Size Distribution: Evidence from Cross-Country Data," *Urban Studies*, Vol. 30, No.9 1993, 1591-1601.

"Neglected Welfare Aspects of Braess' Paradox," *International Journal of Transport Economics*, Vol. 20, No. 2, 1993, 215-220.

"Joint Estimation of Population Density Functions and the Location of the Central Business District," with J. Deutsch, *Journal of Urban Economics*, Vol. 36, 1994, 239-248.

"The Role of Wealth in Demand for International Air Travel," with Y. Machnes, *Journal of Transport Economics and Policy*, Vol. 28, No. 2, 1994, 163-173.

"The Size Distribution of Urban Areas: Testing for the Appropriateness of the Pareto Distribution Using a Generalized Box-Cox Transformation Function," with J. Deutsch, *Journal of Regional Science*, Vol. 35, No. 2, 1995, 267-276.

"The Effectiveness of Spline Urban Density Functions: An Empirical Investigation", *Urban Studies*, December 1995, Vol. 32, No. 9, 1537-1548.

"The Baby Boom, the Baby Bust and the Housing Market: A Further Look at the Debate," *The Annals of Regional Science*, Vol. 29, No.1, 1995, 111-116.

"The Relationship Between Income Inequality and City Size: A General Equilibrium Model of an Open System of Cities Approach," *Urban Studies*, Vol. 32, No. 6, 1995, 853-862.

"Urban Structure with Two Coexisting and Almost Completely Segregated Populations: The Case of East and West Jerusalem," with J. Deutsch, *Regional Science and Urban Economics*, Vol. 26, No. 2, 1996, 171-187.

"A Class of Utility Functions Yielding Linear Demand Functions," with I Weksler, *The American Economist*, Vol. 40, No. 1, 1996, 20-23.

"An Economic Interpretation of Braess' Paradox," *International Journal of Transport Economics*, Vol. 24, No. 1, 1997, 145-155.

"Israeli Settlement in Occupied Territories and its Impact on Housing Prices in Israel," *Journal of Regional Science*, Vol. 37, No. 1, 1997, 127-144.

"City Size Distributions," an invited entry in *Encyclopedia of American Cities and Suburbs Vol. I*, Neil L. Shumsky, editor, ABC-CLIO, Santa Barbara, CA, 1998, 179-180.

"The Demand for Car Ownership: Evidence from Israeli Data," with J. Deutsch and Y. Machnes, *International Journal of Transport Economics*, Vol. 26, No 3, 1999, 351-375.

"Urban Non-Residential Density Functions: Testing for the Appropriateness of the Exponential Function Using a Generalized Box-Cox Transformation Function," with J. Deutsch, *The Annals of Regional Science*, Vol. 34, No 4, 2000, 553-568.

"An Application of A Switching Regimes Regression to the Study of Urban Structure", with J. Deutsch, *Papers in Regional Science*, Vol. 81, No 1, 2002, 83-98.

OTHER PAPERS AND CONTRIBUTIONS

"Welfare Criteria and Models for Locating Public Facilities," Research on Conflict in Locational Decisions, Regional Science Department, University of Pennsylvania, Philadelphia, Pa., May 1972.

"Population and Employment Shifts Among Metropolitan Areas - An Econometric Model," with J. Bergsman and C. Ehemann, The Urban Institute, Washington, D.C., November 1974.

Book Review: "Analyzing Economic Integration of Settlement in Israel," by C. L. Leven and D. Freeman, *Journal of Rural Cooperation*, Vol. IV, No. 2, 1976, 159-162.

"An Econometric Model of Bus Transit Demand and Supply," with M. A. Kemp and K.M. Goodman, The Urban Institute, Washington, D.C., WP No. 5032-1-4, April 1977.

"Multi-Regional Input-Output Model - A Tool for Studying Planning Policies," with D. Freeman and I. Weksler, Settlement Study Centre, Rehovot, November 1977, (in Hebrew).

Six Years Plan for Agriculture and Settlement Development 1980-1985, (Participation), The Authority for Agriculture and Settlement Planning and Development, 1980, Jerusalem, Israel. (In Hebrew).

"A Simulation Model Based on Multi-Regional Input-Output Model," with D. Freeman and I. Weksler, Settlement Study Centre, Rehovot, July 1982, (Preliminary Report in Hebrew).

An Analysis of Economic Impact of the Mediterranean - Dead Sea Project, Using a Multiregion Input-Output Model, (co-author), Mediterranean - Dead Sea Project Co. and Settlement Study Centre, December 1984, Jerusalem, Israel, (in Hebrew).

"Political Considerations in the Determination of Government Spending and Employment," mimeo, Department of Economics, Bar Ilan University, 1984.

REFeree FOR THE FOLLOWING PERIODICALS

American Economic Review

Economic Development and Cultural Change

Journal of Urban Economics

Journal of Regional Science
Regional Science and Urban Economics
The Annals of Regional Science
Applied Economics
Environment and Planning
Transportation Research
The Economic Quarterly (Hebrew)
Geography Research Forum
The Professional Geographer
Urban Studies
International Regional Science Review
The World Bank Economic Review
European Journal of Political Economy
Papers in Regional Science

Hong Kong Research Grants Council
The Israeli Academy of Science and Humanities
The Israel Science Foundation
German-Israeli Foundation for Scientific Research & Development (GIF)