

# MOSHE JUSTMAN

## CURRICULUM VITAE AND LIST OF PUBLICATIONS, JANUARY 2020

### PERSONAL DETAILS:

Date and place of birth: 22 September 1948, New York, NY.

Faculty of Economics and Business Administration  
Ruppin Academic Center  
Emek Hefer, Israel  
Tel: 972 (0) 98983003  
Cell: 972 (0) 525793091

### EDUCATION

- B.Sc. 1969-1972, Hebrew University of Jerusalem, Mathematics and Statistics, with distinction.
- M.Sc. 1972-1974, Hebrew University of Jerusalem, Mathematics, with distinction. Advisor: Professor B. Peleg. Thesis: "Iterative Bargaining Games".
- Ph.D. 1979-1982, Harvard University, Business Economics. Advisors: R.E. Caves and A.M. Spence. Thesis: "Dynamic Demand Functions: Implications for Industrial Organization." Shaber Fellowship; Doctoral Thesis Fellowship.

### EMPLOYMENT

- 2017-        Dean, Faculty of Economics and Business Admin, Ruppin Academic Center
- 2001-2016   Professor, Department of Economics, Ben Gurion University (retired 10/16)
- 2007-10    Dean, Faculty of Humanities and Social Sciences, Ben Gurion University
- 2006-2016   Samuel & Miriam L. Hamburger Chair, Ben Gurion University
- 2011-2017   Professorial Research Fellow, Melbourne Institute (fractional appointment)
- 2012-2017   Director, Civil Society Studies, Van Leer Jerusalem Institute
- 2006, 2011   Director, Program on Economics and Society, Van Leer Jerusalem Institute
- 1995-2001   Associate Professor, Department of Economics, Ben Gurion University
- 1990        Ameritech Scholar, Case Western Reserve University, Cleveland, OH.
- 1989,1991   Visiting Professor of Economics, People's University of China, Beijing.
- 1988-89    Visiting Professor of Economics, Carnegie Mellon University, Pittsburgh, PA.
- 1987-95    Senior Lecturer, Department of Economics, Ben Gurion University
- 1982-87    Lecturer, Department of Economics, Ben Gurion University.
- 1974-79    Systems Analyst, Aircraft Manufacturing Division, Israel Aircraft Industries.

#### ACADEMIC SERVICE AT BEN-GURION UNIVERSITY

2004-10	University Senate
2002-10	University Finance Committee
2002-10	Appointments Committee, Faculty of Humanities and Social Sciences
2005-7	Kreitman Fellows Selection Committee
2004-7	Executive Committee of the University
2006	President Search Committee
1995-97	Chair, Department of Economics
Var. years	Director, Monaster Center for Economic Research

#### PROFESSIONAL SERVICE OUTSIDE THE UNIVERSITY

2017-	Advisory Group on Evaluation and Strategy, Jewish Agency for Israel
2017-	Chair, Committee on education statistics, Central Bureau of Statistics
2017-	Committee on sustainable well-being, Israel Academy of Science
2012-14	President, Israel Economic Association
2011-13	Rothschild Fellows selection committee
2010-13	Steering committee, Israel Academy Initiative on Education Research
2011	Steering committee, Israel Centers of Research Excellence
2011	Steering committee, CHE program on general studies in the humanities
2006-10	Chair, Committee on Education Indicators, Israel Academy of Science
2008-11	Academic Council, Open University
2005-08	Academic Council, Kaye Teachers College
Var. years	Chair, Alon Fellowship in Social Sciences, Council for Higher Education
Var. years	Grants committees, Israel Foundation Trustees and Israel Science Foundation
2003-07	Evaluation of academic programs, Council for Higher Education
2003-05	Deputy Editor, <i>Economic Quarterly</i>
2002-05	Executive Committee, International Joseph A. Schumpeter Society
2000-06	National steering committee, Ministry of Science and Technology
1998-2001	Executive Council, Israel Economics Association
1998, 2000	Preparatory committee, "Caesarea conference" on economic policy
1997	National ad hoc committee on learning disorders

EVALUATION OF ACADEMIC ARTICLES FOR: *American Economic Review*, *Applied Economics*, *Bank of Israel Review*, *Econometrica*, *Economic Journal*, *Economic Modeling*, *Economic Quarterly* (Riv'on leKalkala), *Economica*, *Economics and Politics*, *Economics of Innovation and New Technology*, *Economics of Governance*, *Education Economics*, *European Economic Review*, *European Journal of Political Economy*, *Fiscal Studies*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Public Economic Theory*, *Journal of the European Economic Association*, *International Journal of Industrial Organization*, *International Tax and Public Finance*, *Israel Studies*, *Journal of Development Economics*, *Journal of Econometrics*, *Journal of Economic Growth*, *Journal of Environment and Development*, *Journal of Public Economics*, *Management Science*, *Public Choice*, *Quarterly Journal of Economics*, *Research Policy*, *Review of Economic Studies*, *Ricerche Economiche*, *Regional Science and Urban Economics*, *Scandinavian Journal of Economics*, *Zeitsch. für Nationalökonomie*.

EVALUATION OF RESEARCH PROPOSALS FOR: Binational Agricultural R&D Fund (US-Israel), Binational Science Foundation (US-Israel), Falk Institute, Fifth Framework Program (EU), German-Israel Fund, Open University, Israel Science Foundation, Jerusalem Institute for Israel Studies, Ministry of Science, National Council for Research and Development, National Science Foundation (US), Sapir Center, TSER Program (EU).

PROFESSIONAL CONSULTING: Ministry of Education (2002–) various topics in the economics of education; Steering Committee, FIBI Investment Fund (2003-5); Antitrust Litigation (2003); Ministry of Industry and Trade, Manufacturers' Association: Technology policy (1984-99); Ministry of Labor: Unemployment (1997-8); Ministry of the Interior, Beersheba Municipality: Municipal development (1996-7); Ohio Science and Technology Commission: Technological infrastructure (1989-90); Israel Fertilizer Institute: Fertilizer demand (1984-6).

UNIVERSITY TEACHING EXPERIENCE: Microeconomics (all levels); Economics of Education; Managerial Accounting; Economics of Technological Change and Technology Policy.

#### RESEARCH STUDENTS:

H. Milo (Stiassnie). Intergenerational mobility and inequality. MA, 2016; PhD in progress.  
B. Houg, Three essays on the economics of education. PhD, 2018.  
N. Friedman-Sokuler, Impact of high school on access to higher education, PhD, 2017.  
Y. Meltzer (Limor), Compulsory schooling and returns to education. PhD, 2014.  
A. Krush. Measuring intergenerational income mobility. PhD, 2008.  
D. Cohen-Zada. Public and private education. PhD, 2003.  
Y. Gilboa. Equity and efficiency of screening policies for higher education. PhD, 2003.  
  
G. Ben Avraham, The effect of crime on housing prices, MA, 2018.  
R. Orenbach, Analysis of Early Admissions Programs, MA, 2016.  
A. Lubzens. Housing prices and municipal elections. MA 2016.  
R. Abu-Aida. Discrimination in the Israeli labor market. MA 2016.  
D. Tel-Zur. Equal opportunity in education. MA, 2015.  
R. Weiss. An economic analysis of the Jubilee, MA, 2012.  
K. Karni. Education opportunity in the kibbutz revisited. MA, 2012.  
A. Shani, Determinants of compulsory schooling. MA, 2009.  
N. Ben-Simon. Peer-group effects in education. MA, 2006.  
L. Nikritin, Religion and volunteering. MA, 2006.  
U. Alalauf. Data envelope analysis of efficiency in education. MA, 2006  
A. Yatov. Israel's military industries. MA, 2002.  
D. Lombroso. Israel's changing industrial structure. MA, 2000.  
N. Ostrov. Industrial development of the West Bank, 1922-1992. MA, 1995.  
G. Hazak. Returns to scale in higher education. MA, 1993.  
K. Lapid. Learning processes in manufacturing firms. MSc, 1988.  
H. Bar. A simultaneous model of supply and demand for phosphates. MSc, 1986.

#### AWARDS, HONORS, FELLOWSHIPS

2006-17	Senior Fellow, Van Leer Jerusalem Institute
2015	Patinkin Lecture, Israel Economics Association
1995	Arc en Ciel; Ministry of Science and Arts and French Government.
1992	Gass Fellowship; Jerusalem Institute for Israel Studies.
1990	Ameritech Fellowship; Case Western Reserve University.
1987	Eustin Heidakker Award; Haifa University.
1982-85	Alon Fellowship; Council for Higher Education in Israel.
1980-82	Shaber Fellowship, Doctoral Thesis Fellowship; Harvard University.

## PUBLICATIONS

### BOOKS AUTHORED

M. Gradstein, M. Justman, and V. Meier. *The Political Economy of Education: Implications for Growth and Inequality*. MIT Press, 2005.

### ARTICLES IN REFEREED JOURNALS

- N. Friedman-Sokuler and M. Justman, Gender, culture and STEM: Counter-intuitive patterns. *Economics of Education Review* 2019. <https://doi.org/10.1016/j.econedurev.2019.101947>
- M. Gradstein and M. Justman. Cultural interaction and economic development: An overview. *European Journal of Political Economy*. 2019  
<https://www.sciencedirect.com/science/article/pii/S0176268018303835>
- M. Justman and K. Peyton. Enforcing Compulsory Schooling through Credible Coercion: Lessons from Australia's Northern Territory Intervention. *Economic Record*. 94:223–238. 2018.  
<https://onlinelibrary.wiley.com/doi/pdf/10.1111/1475-4932.12418>
- M. Justman. Randomized controlled trials informing public policy: Lessons from project STAR and class size reduction. *European Journal of Political Economy* 54:167-174. 2018.  
<https://doi.org/10.1016/j.ejpoleco.2018.04.005>.
- M. Justman and S. J. Mendez. Gendered choices of STEM subjects for matriculation are not driven by prior differences in mathematical achievement. *Economics of Education Review* 64:282-297. 2018. <https://doi.org/10.1016/j.econedurev.2018.02.002>
- N. Friedman-Sokuler and M. Justman. Gender streaming and prior achievement in high school science and mathematics. *Economics of Education Review* 53: 230-253. 2016.
- M. Justman and K. Van der Beek. Market Forces Shaping Human Capital in Eighteenth Century London. *Economic History Review* 68(4):1177-1202. 2015.
- D. Cohen-Zada and M. Justman, Affinity and Tension between Religious Denominations: Evidence from Private School Enrolment. *Regional Science and Urban Economics* 42:950-960. 2012.
- M. Justman and Y. Gilboa. The Scope for Promoting Equal Opportunity in Education: Evidence from the Kibbutz. *Education Finance and Policy* 7:489-515. 2012.
- Y. Gilboa and M. Justman, University Tuition Subsidies and Student Loans: A Quantitative Analysis, *Israel Economic Review* 7(1):1-37. 2009.
- Y. Gilboa and M. Justman, Tuition and Student Loans: Access to Higher Education and Fiscal Cost, *Economic Quarterly* (Hebrew). 2008.
- M. Justman, J.-F. Thisse and T. Van Ypersele. Fiscal Competition and Regional Differentiation. *Regional Science and Urban Economics* 35(6): 848-861. 2005.
- Y. Gilboa and M. Justman. Academic Admissions Standards: Implications for Output, Distribution and Mobility. *Journal of the European Economic Association*, 3(5):1105-1133. 2005.
- D. Cohen-Zada and M. Justman. The Religious Factor in Private Education. *Journal of Urban Economics*, 57(3): 391-418. 2005.
- M. Gradstein and M. Justman. The Melting Pot and School Choice. *Journal of Public Economics*, 89(5-6): 871-896. 2005.
- M. Justman and A. Spivak. Socio-Economic Dynamics of Local Authorities in Israel: Theory and Evidence. *Israel Economic Review* 2(1), 1-27. 2004. A Hebrew version appeared in *Economic Quarterly*, 48 (December) 572-606. 2001.
- M. Justman. Transitional Dynamics of Output, Wages and Profits in Innovation-Led Growth. *Structural Change and Economic Dynamics*, 15(2) 183-205. 2004.
- D. Cohen-Zada and M. Justman. The Political Economy of School Choice: Linking Theory and Evidence. *Journal of Urban Economics*, 54(2), 277-308. 2003.
- M. Gradstein and M. Justman. Education, Social Cohesion and Growth. *American Economic Review*, 92 (September): 1192-1204. 2002.

- M. Justman, J.-F. Thisse and T. Van Ypersele. Taking the Bite out of Fiscal Competition. *Journal of Urban Economics*, 52 (September): 294-315. 2002.
- M. Justman and E. Zuscovitch. The Economic Impact of Subsidized Industrial R&D in Israel. *R&D Management*, 32:191-199. 2002.
- A. Mehrez and M. Justman. On the Efficiency of the Parallel Path R&D Approach: A Stochastic Game Analysis. *Mathematics and Computers in Simulation* 57:19-28. 2001.
- M. Gradstein and M. Justman. Public Education, Social Capital and Growth. *European Economic Review (Papers and proceedings)* 44: 879-890. 2000.
- M. Justman and J.-F. Thisse. Local Public Funding of Higher Education when Skilled Labor is Mobile. *International Tax and Public Finance* 7: 247-258. 2000.
- M. Justman. Comment on "An R&D Strategy for Israel" by M. Teubal and "A Pre-appraisal of the Magnet Program" by D. Kaufman, *Economic Quarterly* 46 (November):399-401, in Hebrew. 1999.
- M. Justman and M. Gradstein. Industrial Revolution, Political Transition, and the Subsequent Decline in Inequality in Nineteenth-Century Britain. *Explorations in Economic History* 36:109-127. 1999.
- M. Justman and J.-F. Thisse. Implications of the Mobility of Skilled Labor for Local Public Funding of Higher Education. *Economics Letters* 55: 409-412. 1997.
- M. Gradstein and M. Justman. Democratic Choice of an Education System: Implications for Growth and Income Distribution. *Journal of Economic Growth* 2:169-183. 1997.
- M. Justman and J.-F. Thisse. Faut-il Regionaliser L'enseignement Supérieur? *Revue Economique* 48:569-577. 1997.
- M. Gradstein and M. Justman. The Political Economy of Mixed Public and Private Schooling: A Dynamic Analysis. *International Tax and Public Finance* 3:297-310. 1996.
- M. Justman. Swarming Mechanics. *Economics of Innovation and New Technology* 4:235-244. 1996.
- M. Justman and A. Mehrez. A Welfare Analysis of Innovation in R&D Markets. *International Journal of Social Economics* 23:52-65. 1996.
- M. Justman and M. Teubal. Technological Infrastructure Policy: Creating Capabilities and Building Markets. *Research Policy* 24:259-281. 1995.
- M. Justman. Infrastructure, Growth, and the Two Dimensions of Industrial Policy. *Review of Economic Studies* 62:131-157. 1995.
- M. Gradstein and M. Justman. Competitive Investment in Higher Education: The Need for Policy Coordination. *Economics Letters* 47:393-400. 1995.
- M. Justman. The Effect of Local Demand on Industry Location. *Review of Economics and Statistics* 76:742-753. 1994.
- M. Justman and M. Teubal. A Structuralist Perspective on the Role of Technology in Industrial Development. *World Development* 19: 1167-1183. 1991.
- A. Levy, M. Justman and E. Hochman. The Implications of Financial Cooperation in Israel's Cooperative Villages. *Journal of Development Economics*, 30 (1989): 26-45.
- M. Justman and A. Mehrez. Extremal Configurations for Optimal Prevention and Damage Control. *European Economic Review*, 32 (1988): 1137-43.
- M. Justman, A. Levy and S. Gabriel. Internal Migration in Israel: Expected Risks and Returns. *Applied Economics*, 20 (1988): 679-690.
- S. Gabriel, M. Justman and A. Levy. Place-to-Place Migration in Israel: Estimates of a Logistic Model. *Regional Science and Urban Economics*, 17 (1987): 595-606.
- M. Justman. An Extension of Lerner's Monopoly Index for Markets with a Dynamic Demand Structure. *Economic Inquiry* 25 (1987): 681-699.
- M. Justman, M. Teubal and M. Trajtenberg. Towards an Industrial and Technological Policy for Israel: Analytical Foundations and Some Specific Proposals. *Economic Quarterly* 131 (1987):978-989, in Hebrew.
- S. Gabriel, M. Justman, and A. Levy. A Simultaneous Equations Analysis of Urban Development: Migration and Industrial Growth in Israel's New Towns. *Journal of Urban Economics* 21 (1987):364-377.

- M. Justman, "The Closed Loop Equilibrium of a Market with Intertemporal Dependence of Demand: A Differential Game Analysis. *International Journal of Industrial Organization* 4 (1986): 271-286.
- M. Justman and M. Teubal. Innovation Policy in an Open Economy: A Normative Framework for Strategic and Tactical Issues. *Research Policy* 15 (1986): 121-138. Reprinted in D. Audretsch, ed., *Industrial Policy and Competitive Advantage*, Cheltenham, UK: Elgar, 1998.
- S. Gabriel, M. Justman and A. Levy. An Integrative Analysis of Migration, Investment and Unemployment in Israel's Development Towns, 1975-1979. *Economic Quarterly* 128 (1986): 513-521, in Hebrew.
- M. Justman. The Re-industrialization of the Negev Development Towns in the 1970's. *Economic Quarterly* 127 (1985): 385-397, in Hebrew.
- M. Justman and A. Mehrez. A Closed Loop Analysis of Competitive Innovation. *Economics Letters* 16 (1984): 339-344.
- M. Justman. Iterative Processes with "Nucleolar" Restrictions. *International Journal of Game Theory* 6 (1977): 189-212.

#### COLLECTIVE VOLUMES, EDITED

- A. Arnon and M. Justman, eds., *Disputes in Economics*. Jerusalem: Van Leer Jerusalem Institute and Kibbutz Hameuchad, 2009, in Hebrew.
- M. Teubal, D. Foray, M. Justman, and E. Zuscovitch, eds., *Technological Infrastructure Policy: An International Perspective*. Dordrecht: Kluwer, 1996.
- M. Justman, ed., *Modernization and Growth in the Small Business Sector: Lessons for Public Policy*. Jerusalem Institute for Israel Studies, 1994, in Hebrew.
- M. Justman, M. Teubal, and E. Zuscovitch, eds., *Technological Infrastructure Policy for Renewed Growth*. Jerusalem: Jerusalem Institute for Israel Studies, 1993, 316 pp., in Hebrew.
- D. Brodet, M. Justman, and M. Teubal, eds., *An Industry and Technology Policy for Israel*. Jerusalem: Jerusalem Institute for Israel Studies, 1990, 260 pp., in Hebrew.

#### CHAPTERS IN COLLECTIVE VOLUMES

- D. Cohen-Zada and M. Justman. "The Religious Factor in Private Education in the United States", in S. Iyer, J. Rubin and J-P Carvalho, eds., *Advances in the Economics of Religion*. New York: Palgrave-MacMillan, 2019.
- M. Justman, The Public Economics of Creativity: Economies of Scope in Technological Infrastructure. In Thierry Burger-Helmchen, ed., *Economics of Creativity*. London: Routledge, 2013.
- M. Justman and A. Spivak, The Government Budget Dispute. In A. Arnon and M. Justman, eds., *Disputes in Economics*. Jerusalem: Van Leer Jerusalem Institute and Kibbutz Hameuchad, 2009, pp. 23-34, Hebrew.
- M. Justman, Decentralization and Privatization in Education. In A. Arnon and M. Justman, eds., *Disputes in Economics*. Jerusalem: Van Leer Jerusalem Institute and Kibbutz Hameuchad, 2009, pp. 180-194, Hebrew.
- M. Justman. Structural change and the emergence of Israel's hi-tech sector. In A. Ben-Bassat, ed., *The Israeli Economy 1985-1998: From Government Intervention to Market Economics*. Tel Aviv: Am Oved, in Hebrew, 2001, pp. 558-610; and, in English, Cambridge, MA: MIT Press, 2002, pp. 445-483.
- D. Brodet, S. Abramowitz, Y. Ariav, E. Vigodman, A. Tiberg, M. Justman, Y. Naveh, K. Flug, and Y. Rosen. Manufacturing in Israel. In Ben Zion Zilberfarb, ed., *Economic Challenges facing Israel in the New Millenium*. Jerusalem: Israel Democracy Institute, 2001, pp. 95-126, in Hebrew.

- M. Justman and M. Gradstein. The democratization of political elites and the decline in inequality in modern economic growth. In E. Brezis and P. Temin, eds., *Elites, Minorities and Economic Growth*. Amsterdam: Elsevier, 1999.
- E. Horowitz, O. Berry, U. Dori, M. Justman, I. Levite, and R. Melnik. Growth and Productivity. In A. Ben-Bassat, ed., *Economic Growth Renewal*. Jerusalem: Israel Democracy Institute, 1999, pp. 95-115, in Hebrew.
- M. Justman and M. Teubal. Strategic Technology Policy for New Industrial Infrastructure. X. Vence-Deza and J. S. Metcalfe, eds., *Wealth from Diversity: Innovation, Structural Change and Finance for Regional Development in Europe*, Dordrecht: Kluwer, 1996, pp. 199-228.
- E. Zuscovitch and M. Justman. Networks, Sustainable Differentiation and Economic Development. D. Batten, J. Casti and R. Thord, eds., *Networks in Action*, Berlin: Springer Verlag, 1995, pp. 269-285.
- M. Justman and M. Teubal. Liberalization, Globalization and Technological Revolution. Denis F. Simon and Jung Ho Kim, eds., *The Evolving Structure and Characteristics of the Global Technology Market*. Seoul: KIET, 1993, pp. 105-144.
- M. Justman and M. Teubal. Technology and Growth: A Structuralist View. M. Justman, M. Teubal, and E. Zuscovitch, eds., *Technological Infrastructure Policy for Renewed Growth*. Jerusalem Institute for Israel Studies, 1993, pp. 8-30, in Hebrew.
- M. Justman and M. Teubal. Policies for Infrastructure Development: Building Capabilities and Creating New Markets. Justman et al., eds., *supra*, 1993, pp. 84-108.
- M. Teubal, D. Gelvan, and M. Justman. International Perspectives on Industry and Technology Policy. D. Brodet, et al., eds., *An Industry and Technology Policy for Israel*. Jerusalem Institute for Israel Studies, 1990, pp. 47-78, in Hebrew.
- M. Justman and M. Teubal. Conceptual Framework. Brodet et al., *supra*, 1990, pp. 79-96.
- M. Justman. Strategic Coordination. Brodet et al., *supra*, 1990, pp. 141-146.
- M. Justman and M. Teubal. The Structuralist Perspective on Economic Growth and Development: Conceptual Foundations and Policy Implications. R. Evenson and G. Ranis, eds., *The Role of Science and Technology in Development: Lessons from Asia*. Boulder, CO: Westview Press, 1990.
- M. Justman and M. Teubal. Towards the Formulation and Implementation of an Explicit Industrial and Technological Policy for Israel. J.M. Aizpurua, J. Del Castillo, J.M. Usategui, eds., *Actual Problems in Economic Science*, vol. 2. Vitoria, Spain: Eusko Jaurlaritz, 1989, pp. 87-136.
- M. Justman and M. Teubal. A Framework for an Explicit Industry and Technology Policy for Israel and Some Specific Proposals. C. Freeman and B.-A. Lundvall, eds., *Small Countries Facing the Technological Revolution*. London: Frances Pinter, 1988, pp. 226-249.
- S. Gabriel, M. Justman, and A. Levy. The Development of Sparsely Populated Arid Regions: An Integrative Analysis with Application to the Negev. Y. Gradus, ed., *Desert Development: Man and Technology in Sparselands*. Dordrecht: D. Reidel, 1985, pp. 235-255.

#### BOOK REVIEWS

- M. Justman. Book review of *Endogenous Growth Theory* by P. Aghion and P. Howitt. *European Journal of Political Economy* 15: 581-583. 1999.

#### SCIENTIFIC REPORTS AND TECHNICAL PAPERS

- M. Justman, with N. Blass, M. Dahan, M. Kraus, N. Zussman. Differential Budgeting of Education in Israel. Israel Democracy Institute and Van Leer Jerusalem Institute. 47 pp. In Hebrew. 2014.
- A. Raccah, H. Henner-Shapira, A. Amiad, R. Bar, I. Biran, Y. Eliraz, N. Heiman, M. Justman, D. Lev-Sadeh, M. Menkes, , Y. Shilo. Report of the Subcommittee on Poverty and Education, Committee for the War on Poverty, Ministry of Social Affairs, Jerusalem. 66 pp. In Hebrew. 2014.

- Justman, M. and Bukobza, G. (Eds.). *Guidelines to Revising the System of Education Indicators in Israel: Summary, Conclusions and Recommendations*. Israel Academy of Sciences and Humanities. Jerusalem: 2010, in Hebrew (large parts available in English translation).
- M. Justman, E. Zuscovitch, Y. Porath and O. Gottesman. Evaluation of Israel's Industrial R&D Subsidy Program, 1986-94. Ministry of Industry and Trade, 190 pp., in Hebrew. 1999.
- M. Justman, E. Levinson and A. Spivak. Unemployment in the South. Ministry of Labor and Welfare, 80pp., in Hebrew. 1998.
- M. Justman. Industry in the Negev: Present and Future. In S. Assif, N. Dunsky and E. Sadan, eds., *Master Plan for Metropolitan Beer Sheva*, pp. 75-82, in Hebrew. 1996.
- M. Justman and J. Weinblatt. Special Industrial Zones on the Israel-Gaza Line. Ministry of Industry and Commerce, 1994, 20 pp., in Hebrew.
- M. Justman. Ohio's Technological Capabilities in Support of Industrial Development. Center for Regional Economic Issues, Case Western Reserve University. 1989, 189 pp.
- M. Justman and M. Sternberg. A Time Series Analysis of Aggregate Potash Demand in the United States. Dead Sea Works, Ltd., 1986, 55 pp., in Hebrew.
- M. Justman. Non-Agricultural Employment in Sparsely Populated Areas: Analysis and Application to the Yattir Region. Jewish Agency, 1984, 63 pp., in Hebrew.
- M. Justman, Y. Karmazin, M. Teubal, and B. Toren. Analysis of Methods for Promoting Industrial R&D under Inflation. Ministry of Industry and Trade, 1984, in Hebrew.
- M. Justman and associates. Planning and implementation documents on computer-integrated manufacturing. Israel Aircraft Industries, 1974-79, in Hebrew.

#### WORKING PAPERS

- M. Gradstein and M. Justman. Immigration, diversity and growth. WP. 2020.
- M. Justman and H. Stiassnie. Intergenerational mobility in lifetime incomes. WP. 2020.
- M. Justman, A. Krush and H. Stiassnie. More Inequality and Less Mobility: Evidence of an Increase in Sons' Intergenerational Elasticity of Income in the United States. WP. 2018
- B. Houg and M. Justman. NAPLAN Scores as Predictors of University Access. MIAESR WP 22/14.
- M. Justman. Widening Socio-Economic Gaps in Achievement in Secondary Schools.
- M. Justman and A. Krush. Evidence of a decline in intergenerational mobility. MIAESR WP 43/13.
- B. Houg and M. Justman. Comparing OLS Value-Added Analysis and Student Growth Percentile Analysis for Evaluating Student Progress and Estimating School Effects. MIAESR WP 07/13.

#### FUNDED RESEARCH

- 2012-16 Impact of high school on university access, Rothschild Cesarea Foundation.
- 2011-16 Empirical Analysis of Victoria's Education System (at Melbourne University)
- 2006-8 Compulsory schooling (with M. Gradstein) Israel Science Foundation.
- 2005-6 Funding Higher Education (with Y. Gilboa) Neaman Institute and Sapir Forum.
- 2005-7 Intergenerational Income Mobility (with A Krush) Israel Foundation Trustees.
- 2000 Local Poverty Traps (with A. Spivak) Sapir Forum.
- 1998-99 Structural Change in the Israeli Economy: 1985-98; Falk Institute.
- 1998 Unemployment (with A. Spivak) Ministry of Labor.
- 1996-98 Evaluation of Israel's Industrial R&D Subsidy Program, 1986-94 (with E. Zuscovitch and Michlol Consultancy); Ministry of Industry and Trade.
- 1995-96 Industry, in a Master Plan for Metropolitan Beer Sheva (S. Assif et al.) Beer Sheva Municipality, Ministries of the Interior and Housing, Israel Land Authority.
- 1994-96 Industrial Zones on the Israel-Gaza Line (with J. Weinblatt) Ministry of Industry
- 1984-94 Industry and Technology Policy in Israel (with M. Teubal) Ministry of Industry and Trade, and others; various grants.
- 1991-93 Automation in Metalwork (with E. Zuscovitch); Ministry of Industry and Trade.
- 1989 Science and Technology Infrastructure for Industry in Ohio; Ohio Science and Technology Commission.



- 1984-86 Fertilizer Demand (with M. Sternberg); Dead Sea Works, Ltd..  
 1983-84 Creating Non-agricultural Employment in the Yattir Region; Jewish Agency.

#### GUEST LECTURES, SEMINARS AND MEETINGS (SINCE 2000)

- 2019 Measuring intergenerational income mobility. Ecineq conference. Paris  
 2018 Gender, culture and STEM: Counter-intuitive patterns in Arab society. AEDE, Barcelona.  
 2018 Uses of longitudinal data in education research. CBS annual conference. Modi'in, Israel.  
 2017 Declining intergenerational income mobility in the US. Ecineq conference. New York  
 2016 Economic Research and Public Policy. Patinkin Lecture, Israel Econ Assoc. Meetings. Tel-Aviv  
 2015 Gender Streaming in High School STEM (with N Friedman-Sokuler). Weizmann Institute.  
 2014 Conference Co-convenor. Measurement and Assessment for Learning. Van Leer, Jerusalem.  
 2014 Differential budgeting of education in Israel. Eli Horowitz Conference, Haifa.  
 2014 Chair, Academic Committee, Israel Economic Association Annual Meetings  
 2014 Methods of Estimating School Effects and Tracking Student Progress, AERA; IWAAE, 2012.  
 2014 Social Inequality and Educational Opportunity in Israel, GWU and AERA, Philadelphia  
 2014 Predicting VCE outcomes from NAPLAN scores, DEECD, Melbourne  
 2013 Chair, Academic Committee, Israel Economic Association Annual Meetings  
 2013 Evidence of a Decline in Intergenerational Income Mobility in the US, Univ of Melbourne  
 2012 The Political Economy of Education, People's University of China  
 2011 Israel's System of Education Indicators, Karyani Memorial Lecture, Haifa University  
 2010 Equal Opportunity In Education (with Y. Gilboa) IWAAE meetings; conference, University of Gerona; seminar, La Trobe University; conference on Education Policy, University of Melbourne; invited lecture, Koc University. Istanbul, 2009; Hurst Seminar on Higher Education, Dead Sea, Israel, 2008; ESS annual meetings, New York, NY, 2008; Silvaplana Workshop on Public Economics, Switzerland, 2007. NBER meetings on education, Cambridge, MA, 2006; seminars, Columbia University, Universitat Autònoma de Barcelona, 2006.  
 2010 University Tuition and Access (with Y. Gilboa) University of Melbourne; Workshop on Economics of Education, Gerona, 2010; Israel Economics Assoc Meetings, 2007.  
 2010 The Political Economy of Education. People's University of China, Beijing.  
 2009 Education Indicators. CBS Conference on Israeli Society. Jerusalem  
 2006 Political Dimensions of Schumpeter's Work Biennial Meeting of the Schumpeter Assoc, Nice  
 2006 Wider Benefits of Education. Institute of Education, London  
 2005 Academic Admissions Standards (with Y. Gilboa) Bocconi University, Milan; seminar, Haifa University; Conference on education. Athens, Greece, 2004; IARIW conference. Cork, 2004.  
 2004 Public Education and the Melting Pot (with M. Gradstein) Conf in memory of Tikva Lecker, Bar-Ilan; Colloquium in Honor of E. Hochman, Hebrew Univ, Rehovoth, 2002.  
 2002 Organizing Committee. Colloquium in Memory of E. Zuscovitch. Strasbourg, France.  
 2001 Dynamics of Innovation-Led Growth. Conf in honor of R. Nelson and S. Winter. Aalborg.  
 2001 Benefits of Israel's Industrial R&D Subsidies (with E. Zuscovitch) R&D Management Conference. Wellington, New Zealand; EUNIP conference. Tilburg, 2000; Israel Econ Assoc meetings. Jerusalem, 2000.  
 2001 Education, Social Cohesion and Growth (with M. Gradstein) Tel Aviv Winter Macro Meetings.  
 2000 Socio-Economic Dynamics of Local Authorities in Israel (with A. Spivak) Sapir Forum. Jlem.  
 2000 Public Education, Social Capital and Growth (with M. Gradstein) 4<sup>th</sup> Euro-Medit Meetings. Nice, France; Israel Economics Assoc meetings, Jerusalem.  
 2000 Utility from Education. (with D. Cohen-Zada) Israel Economics Assoc meetings. Jerusalem.