

Nahum BIGER, PhD

E-mail: n.biger@gmail.com;

n.biger@gsb.haifa.ac.il

Experience

1974 – 1978 York University, Canada, Faculty of Administrative Studies. Assistant Professor
1978 - 1982 York University, Canada, Faculty of Administrative Studies. Associate Professor - tenured.
1982 - 1983 University of Haifa, Israel, Department of Economics Senior Lecturer
1983 - 1996 University of Haifa, Israel, Department of Economics Associate Professor - tenured.
1996 - 2009 University of Haifa, Graduate School of Management FULL PROFESSOR
1987 - 1989 Northwestern University Graduate School of Management Visiting Professor
1991 – 1995 Claremont Graduate School - Management Center. Visiting Professor
1998 – 2007 Claremont Graduate School - (summer courses). Adjunct professor
1996 - 1997 University of California at Davis, CA, USA Visiting Professor
1987-2000 (Summers) University of Cape Town, Graduate School of Business (South Africa). Visiting Professor
2000 - 2003 Rotterdam School of Management, the Netherlands Visiting Professor
Since 2004 ENPC - Ecole nacionale des ponts et chaussées, School of International Management, Paris, France,
Casablanca - Morocco, Shanghai – China. Distinguished Visiting Professor
October 2009 - Dean, Academic Center Carmel - School of Business, Israel. Professor/ Dean

Offices in university academic administration

University of Haifa, Israel

- Head of School, Graduate School of Business, University of Haifa, Israel (October 1998- September 2003)
- Associate head of school, Graduate School of Business, 1995 - 1998.
- Member, the Senate Finance Committee, 1995-date.
- Member, Investment Committee of the university, 1994-date.
- Chairman, Department of Business Administration, 1986 - 1994.
- Chairman, the University Computer Committee, 1986 - 1987.
- Academic Advisor, Business Studies, Unit of Extension Studies, 1986 - 1993.
- Member of Senate, 1986 - 1988; 1992 - 1995.
- Member of the faculty's research committee, 1984-1986.
- Member of the university's Investment Committee, 1988-1992.

York University, Faculty of Administrative Studies, Toronto, Canada

- Chairman, Finance Area, 1978 - 1982.

Academic Center - Carmel, Haifa, Israel, Dean of the School of Business (Since October 2009.)

Education

Ph.D., Financial Economics, York University, Canada

M.A., Economics and Business, the Hebrew University of Jerusalem, Israel

B.A., Economics and Statistics, the Hebrew University of Jerusalem, Israel

Scholarly Positions And Activities Outside The University

Member of the Editorial Board, the South African Journal of Business Management, since 1994.

Member of the Editorial Board, the Journal for Studies in Economics and Econometrics, since 1995.

Serves as ad hoc referee for: Management Science, Journal of Financial and Quantitative Analysis, Journal of Economics and Business, Journal of Money, Credit and Banking, Canadian Public Policy, Cost and Management, The Canadian Journal of Administrative Sciences, Journal of International Money and Finance, Studies in Economics and Econometrics, The South African Journal of Business Management.

Acted as a consultant to the World Bank and participated as the Financial Management and Banking expert in a World Bank mission to Chile, November 1983.

Gave testimony before the Select Committee of the Ministry of Trade and Commerce, Government of Israel, on issues related to the "Cartelization" of the Israeli insurance industry, 1984.

Conducted seminars on International Financial Management and Banking at the IESE, Barcelona and Madrid, Spain, 1987.

Conducted a five-day seminar on International Banking and Finance to Senior Bank Executives, Bank Ha-Poalim, Israel, 1987, 1988.

Acted as a consultant to the World Bank and IFC mission to Botswana, October 1988.

Taught a course on International Financial Management at the MBA program, IESE, Barcelona, Spain, spring 1989.

Conducted a five-day course on International Financial Management to senior corporate and bank executives, Cape Town, 1988 - 1992.

Conducted a six-day course on Treasury Risk Management, ESKOM, Johannesburg, South Africa, July 1990.

Conducted an Executive Development Program on Business Finance, Harare, Zimbabwe, summer 1990 and summer 1991.

Conducted a five-day seminar on Financial Issues in Strategic Management, as part of a special "Program for Strategic Management," The Graduate School of Business, University of Stellenbosch, South Africa, summer 1991 - 1996.

Conducted executive financial management seminars to top level executives of the Vodafone group, Maastricht, the Netherlands, 2004 and 2005.

Conducted financial management seminars to high tech executives in Santa Clara, CA, fall 2004.

Taught financial management and International Finance short courses in Casablanca, Morocco, Nagoya, Japan and Shanghai, China, 2004-2006.

Taught Corporate Finance courses at Executive MBA programs at Pepperdine University, California, 2004 –2006.

Scholarly Conferences

- The following is a partial list of academic conferences in which I participated. For list of papers and publications in proceedings - see below (section E)
- TIMS-ORSA Meeting, Puerto Rico, October 1974.
- The Canadian Association of Administrative Sciences, Third Annual Conference, Alberta, June 1975,
- The Canadian Association of Administrative Sciences, Fifth Annual Conference, New Brunswick, June 1977.
- The Canadian Association of Administrative Sciences, Sixth Annual Conference, London, Ontario, June 1978, pp. 112-122.
- The Canadian Association of Administrative Sciences, Seventh Annual Conference, Saskatoon, June 1979, pp. 44-54.
- The Institute of Management Science, XXIV International Meeting, Hawaii, June 1979.
- The Canadian Association of Administrative Sciences, Eighth Annual Meeting Quebec, June 1980.
- The Fifth Annual Conference, The Financial Research Federation of Canada, October 1980.
- The European Finance Association, Sixth Annual Conference, September 1980.
- Administrative Science Association of Canada, Thirteenth Annual Meeting, London, Ontario, 1984.
- The European Finance Association, Seventeenth Annual Conference, Athens, 1991.

Colloquium Talks And Other Invited Addresses

Cape Town, 1993 "An International Perspectives of the New South Africa" - A presentation to the Alumni of the Graduate School of Business, University of Cape Town.

Tel Aviv, 1991 "The Financial Effects of the New Tax Code" - Invited speech to the financial division of Paz Oil Company.

Haifa and Tel Aviv, 1992, 1993, 1994, 1995: "The Uses and Abuse of Options" Invited speeches (series) for the managers and prime customers of one of the major banks in Israel.

Scholarships, Awards, Research Grants

1983-1984 International Options Market (IOM) Awards competition, First Prize for the best paper of the year, The Valuation of Currency Options (with John C. Hull).

The Clifford D. Spangler Award, Alpha Kappa Psi Foundation, - 1988

For the article "Risk Considerations in Insurance Ratemaking", selected by the Editorial board of the Journal of Risk and Insurance as "the most outstanding article contributing to the understanding of the profession".

Teaching

Introduction to Finance 1982 – 2009. Lecture course. 2nd year graduate MBA students, Haifa.

Complex Securities 1990 – 1996, 2001-2004, 2006, 2008. Lecture course 2 year graduate. MBA –USA; Israel.

International Financial Management 1990, 1992, 1994 – 2004, 2005-2009. Lecture course 2 year graduate. MBA - USA, SA., TUI.

Finance Seminar 1983 – 1996 Seminar final year – undergraduate Mergers and Acquisitions. 2001, 2002, 2003. Lecture course Graduate (Rotterdam School of Management).

Managerial Economics 1993, 1997-98, 2001, 2006-2009. Lecture course Graduate (MBA): TUI; Claremont, Davis, Rotterdam, RSM, Haifa.

Corporate Finance 2004 – 2009. Lecture course SIMBA, ENPC (Casablanca), Paris.

Research Methods 2004 – 2009. On-line course to PhD students TUI University, California.

Supervision of Graduate Students

Twenty six MA theses, Joint economics program, University of Haifa and Technion - Israel Institute of Technology students, 1991 - 2006.

PhD dissertation chair:

- Nina Sheffi, "Socialization and the Work Process of Nurses", Ph.D. Dissertation, Ph.D. degree awarded 1995. Haifa, Israel.
- Quyen Hoang, "Managerial ownership, firm size and earnings management", PhD dissertation, PhD degree awarded, September 2006, Touro University International. California, USA.
- Gregory Salvati, "An Analysis of Market Microstructure: Electronic Trading versus Open Outcry Trading in the U.S. Treasury 10-Year Interest Rate Futures", PhD dissertation, PhD degree awarded, October 2006, Touro University International. California, USA.
- Marc Bisson, "Assessing the Probability of Default of Publicly Traded Companies: The Case of Insurance", PhD dissertation, PhD degree awarded, January 2007, Touro University International. California, USA.
- Shuk Wong, "A Resource-Based Examination of the Relationship between Information Technology and Export Performance". PhD dissertation, PhD degree awarded, September 2007, Touro University International. California, USA.
- Geller, Dan, "Factors Impacting Low Incidence of Formalized Strategic Planning in Micro-Businesses", PhD dissertation, PhD degree awarded, September 2007, Touro University International. California, USA.
- Barriga, Ramiro, "Earnings Management and the Board's Audit Committee: The Pre and Post Sarbanes- Oxley Experience", PhD dissertation, PhD degree awarded, October 2009, TUI University, California, USA.
- Noga Shomrat, Emotions expressed by an employee who explains his involvement in an organizational failure: The impact of the inquirer and on the inquiry procedure." PhD dissertation submitted, University of Haifa, Israel December 2009

Publications

Ph.D. Dissertation

"Inflation, Portfolio Selection and the Capital Asset Pricing Model", (English), 272 pages, Approved April 1974, Supervisors: D. Brewer, S. Friedland, A. Papandreou. Unpublished

Books

Biger, N., and T.H. Kuhn, Micro Impact Evaluation System: A New Methodology for Evaluation of Public Projects, Ontario Ministry of Transport and Communications, Policy and Research Division, ECN-81-01, Toronto, August 1981. (127 pages)

Biger, N., Finance - A Conceptual Approach, Butterworths Publishing Company Inc., New York and Toronto, 1981 (243 pages).

Biger, N., Foundations of Finance, Financial Management and Investments, - Tamar Publishing Co. Inc., Haifa, Israel, 1983 (Hebrew) (Nine editions by winter 2008) (258 pages).

Articles in refereed journals

- Biger, N. "The Assessment of Inflation and Portfolio Selection", *Journal of Finance*, Vol. XXX, No. 2, May 1975, pp. 451-467.
- Biger, N., "Real Returns, Portfolio Decisions and the Capital Asset Pricing Model", *Journal of Finance*, Vol. XXX, No. 3, June 1975.
- Biger, N., and Y. Kahane, "Purchasing Power Risk and the Performance of Non-Life Insurance Companies", *Journal of Risk and Insurance*, Vol. XLIII, No. 2, June 1976, pp. 243-256.
- Biger, N., "Portfolio Selection and Purchasing Power Risk - Recent Canadian Experience", *Journal of Financial and Quantitative Analysis*, Vol. XI, No. 2, June 1976, pp. 251-267.
- Baesel, J. B. and N. Biger, "Inflation and Pension Plan Linkage of Benefits to the Cost of Living Index", *The Financial Review*, (The Review of the Eastern Finance Association), Fall 1976.
- Biger, N. and Y. Kahane, "Balance Sheet Optimization in Inflationary Circumstances - The Case of Non-Life Insurance Companies", *The Journal of Insurance, Issues and Practices*, Vol. I, No. 2, June 1977, pp. 15-27
- Biger, N. and Y. Kahane, "Balance Sheet Optimization for Property Liability Insurance Companies: The Case for a Multi-Index Portfolio Selection Model", *The Journal of Insurance, Issues and Practices*, Vol.I, No. 4, spring 1978, pp. 48-60.
- Biger, N. and Y. Kahane, "Risk Considerations in Insurance Rate-Making", *The Journal of Risk and Insurance*, Vol. XLV, No. I, March 1978, pp. 121-132.
- Biger, N., "Exchange Risk Implications of International Portfolio Diversification", *The Journal of International Business Studies*, Vol. X, No. 2, Fall 1979, pp. 64-74.
- Biger, N., "Expected Utility Maximization Approach to Transactions in the Forward Exchange Market", *Essays in Economics*, *The Journal of the Israeli Economic Association*, March 1979, pp. 129-147. (Hebrew).
- Biger, N. and J.B. Baesel, "The Allocation of Risk: Some Implications of Fixed versus Index-Linked Mortgages", *The Journal of Financial and Quantitative Analysis*, Vol. XV, No. 2, June 1980, pp. 457-469.
- Biger, N., "An Analytical Examination of Real versus Nominal Rates of Return Matrices in Portfolio Management: A Comment", *Journal of Economics and Business*, Vol. 33, No. 1, winter 1981, pp. 172 - 173.
- Biger, N. and A.S. Rosen, "A Framework for the Assessment of Business Damages for Breach of Contracts", *The Canadian Business Law Journal*, Vol. 5, No. 3, June 1981, pp. 312-328.
- Biger, N. and T.E. Kuhn, "Micro Impact Evaluation System - Theory and Applications", *The Atlantic Economic Journal*, Vol. 9, No. 4, December 1981.
- Biger, N., "Capital Markets Integration: Some Evidence from the Performance of Canadian Foreign Controlled Stocks", *Journal of Economics and Business*, Vol. 34, No. 2, spring 1982, pp. 207-213.
- Biger, N., "Inflation, Capital Cost Allowance and the Value of Tax Shields", *Cost and Management*, Vol. XII, No. 1, March 1982, pp. 36-44.

- Biger, N., "A Note on the Real Tax Effects of the 1982 Israeli Corporate Tax Code", *The Economic Quarterly*, Vol. 30, No. 116, April 1983, pp. 527-535. (Hebrew)
- Biger, N. and J. Hull, "The Valuation of Currency Options", *Financial Management*, Vol. 12, No. 1, spring 1983, pp. 24-28.
- Biger, N. and J. Hull, "The Valuation of Currency Options", *International Options Journal*, Vol. I, No. 1, fall 1984, pp. 5-11, (reprinted).
- Biger, N. and Y. Kahane, "Optimizaci3n Del Balance en Circunstancias Inflacionarias: Las Compaas de Seguros en el ramo de No Vida", *Revista de Ciencias Econ3micas*, Vol. III, No. 1, summer 1983, pp. 74-86.
- Biger, N., "Inflation, Tax Shields and Borrowing", *SA Journal of Business Management*, Vol. 18, No. 3, 1987, pp. 145-151.
- Biger, N. and M. Pepe, "The Inhibiting Effects of International Tax Treaties on Investment Incentives", *Canadian Public Policy*, Vol. XII, No. 3, September 1986, pp. 424-431.
- Biger, N. and T.H. Kuhn, "Precision Assessment of the Economic Impact of Public Projects: An Analysis of the Expenditures", *International Journal of Transport Economics*, Vol. XIV, No. 3, September 1987, pp. 223-238.
- Biger, N. "Bank Shares and Uncertainty", *Journal of Banking Issues*, Vol. 1, No. 2, September 1988.
- Biger, N., "The Pricing of the SATS Bull and Bear Stocks", *Journal for Studies of Economics and Econometrics*, Vol. 12, No. 3, November 1988, pp. 1-9.
- Biger, N. and Israel, R. "Israeli Bank Stocks as complex securities", *Bank of Israel Banking Review*, March 1989, pp. 33-40.
- Biger, N. and R. Israel, "A Note on the Pricing of Double Choice Bonds", *The Journal of Banking and Finance*, 13, 1989, pp. 181-190.
- Biger, N., "Voting Rights and Market Values of Shares", *Journal for Studies in Economics and Econometrics*, Vol. 14, No. 3, November 1990, pp. 1-14.
- Biger, N., "Modigliani and Miller Capital Structure Theory: Some Clarifying Comments", *Journal for Studies in Economics and Econometrics*, Vol. 15, No. 3, November 1991, pp. 81-91.
- Biger, N. and M. Page, "The Market Reaction to Stock Splits and Capitalisation Issues: Recent JSE Experience", *Journal for Studies in Economics and Econometrics*, Vol. 16, No. 3, November 1992, pp. 1-15.
- Biger, N., "Modigliani and Miller Capital Structure Theory - A Correction", *Journal for Studies in Economics and Econometrics*, Vol. 16, No. 3, November 1992, pp. 85-87.
- Biger, N., and M. J. Page, "Unit Trusts' Performance: Does the Yardstick Matter?", *Journal for Studies in Economics and Econometrics*, Vol. 17, No. 1, March 1993, pp. 1-15.
- Biger, N., and M. J. Page, "The Market Reaction to Stock Splits: A New Look", *Journal for Studies in Economics and Econometrics*, Vol. 18, No. 1, March 1994, pp. 1-15.

- Biger, N., and M. J. Page, "Assessing Portfolio Performance: The Case of Flexible Investment Unit Trusts", *Journal for Studies in Economics and Econometrics*, Vol. 18, No. 3, November 1994, pp. 27-43.
- Biger, N. and J. Yagil, "Share Repurchase Restrictions and Implied Capital Structure Expressions", *The International Journal of Finance*, Vol. 7, No. 1, 1995, pp. 1092-1105.
- Biger, N., and M. J. Page, "Some Further Evidence on the Effects of Model Choice on Market Events: Distribution of Stock Dividends on the Tel Aviv Stock Exchange", *Journal for Studies in Economics and Econometrics*, Vol. 20, No. 3, November 1997.
- Biger, N., and S. E. Plaut, "Trade Secrets, Firm-Specific Human Capital, and Optimal Contracting", *European Journal of Law and Economics*, 9:49-71, September 2000, pp. 49-71.
- Biger, N., Hareli, S. and N. Shomrat, "Emotions and Selection of Explanation Tactics in case of Business Failure", *Human Resources*, Vol. 17, No. 203, November 2004.
- Biger, N., Hareli, S. and N. Shomrat, "The role of emotions in employee's explanations for failure in the work place", *Journal of Management Psychology*, , Vol. 20, No. 8, 2005, pp 663-680.
- Biger, N., N., Nguyen and Q. X. Hoang, "The Determinants of Capital Structure: Evidence from Vietnam", *Asia-Pacific Financial Markets Integration, Innovation and Challenges*, *International Finance Review*, Volume 8, December 2007, pp. 307 – 326.
- Biger, N. and Q. X. Hoang, "Managerial Ownership, Firm Size and Earnings Management", *The International Journal of Finance*, Vol. 20, No. 1, 2008.
- Gill, A., Biger, N. and Bhutani, S. (2008), "Corporate Performance and the Chief Executive Officer's Compensation in the Service Industry," *The Open Business Journal*, Vol. 1, pp. 53-57.
- Amarjit, G., Biger, N., and Dhaliwal, H. (2008), "Building Commitment to Continue Studies among Asian Students," *The Open Education Journal*, Vol. 1, pp. 9-14.
- Amarjit, G. & Biger, N. (2008), "Factors That Affect Canadian Propensity to Direct Investment Abroad: Evidence from the Indian Real Estate Market," *The Open Business Journal*, Vol. 1, pp. 1-9.
- Amarjit, G., Biger, N., and Bhutani, S. (2008), "Corporate Performance and the Chief Executive Officer's Compensation in the Service Industry," *The Open Business Journal*, Vol. 1, pp. 62-66.
- Amarjit, G. & Biger, N. (2009), "Gender Differences and Factors that Affect Stock Investment Decision of Western Canadian Investors," *International Journal of Behavioural Accounting and Finance*. Vol. X. No. Y.
- Amarjit, G., Biger, N., Pai, C., Mand, H.S., and Sharma, S.P. (2009), "Determinants of the Chief Financial Officer's Compensation in the Service Industry," *The Open Business Journal*, Vol. 2, pp. 43-47.
- Amarjit, G., Biger, N., Pai, C., Tibrewala, R. and Nagpal, V, (2009), "Factors that Affect Commitment to Continue Studies among Business Students: A Comparative Study of Asian and Canadian Students studying in Canada," *The Open Education Journal*, Vol. 2, pp. 25-33.
- Amarjit, G., Biger, N., & Pai, C. (2009), "Understanding and Mitigating Direct Investment-Risk in the Indian Real Estate Market," *Asian Profile Journal*, Vol.37, No. 3, pp. (Forthcoming)

Amarjit, G., Biger, N., Pai, C., & Bhutani, S. (2009), "The Determinants of Capital Structure in the Service Industry: Evidence from United States," *The Open Business Journal*, Vol. 2. pp. 48-53.

Amarjit, G., A., Biger, N., Pai, C., Mand, H.S., & Sharma, S.P. (2009), "Determinants of the Chief Financial Officer's Compensation in the Service Industry," *The Open Business Journal*, Vol. 2, pp. 43-47.

Amarjit, G., Biger, N. and S. Bhutani, (2010), "Factors that Mitigate Employee Job Stress in the Service Industry," *International Journal of Services, Economics and Management*, Vol. 2, No. 1, pp. 32 – 45

Biger, N., Dhande, K. S., Gill, A., Mands, S. H., Poczter, A. and S. Sharma, (2010), "Effects of Transformational Leadership on Student Educational Satisfaction and Student Stress", *The Open Education Journal*, , 3 ,pp. 1-9

Gill, A., Biger, N., & Tibrewala, R. (2010). Determinants of dividend payout ratios: evidence from United States. *The Open Business Journal*, 3, 8-14.

Gill, A., Biger, N., & Tibrewala, R. (2010). Understanding and mitigating direct investment-risk in the Indian real estate market. *Business and Economics Journal*, 2010, pp. 1-10.

Articles Or Chapters In Books (Not Conference Proceedings)

Biger, N., "A Framework for the Assessment of Business Damages", in J.S. Ziegel and B. Geva, *Texts, Cases and Materials on Commercial and Consumer Transaction Law*, Edmond and Montgomery, Canadian Law Publishers, Toronto, 1981.

Biger, N. and R. Israel, "A Note on the Pricing of Double Choice Bonds", in Giddy and Duffy (eds.), *Swaps and Options*, John Wiley and Sons, New York, 1989.

Biger, N. and Y. Kahane, "Risk Considerations in Insurance Ratemaking", in Dionne and Harrington (eds.), *Foundations of Insurance Economics*, Kluwer Academic Publishers, Boston/ Dordrecht/London, 1992.

Biger, N. "Joint Bear and Bull Tranches - A Method of Issuing Debt", in *Encyclopedia of Derivatives*, C. Epstein (ed.), Irwin Publishing Company, New York, 1997 (forthcoming).

Biger, N. "The Features of the Israeli Options Exchange", in *Encyclopedia of Derivatives*, C. Epstein (ed.), Irwin Publishing Company, New York, 1997.

Articles In Conference Proceedings

Biger, N. and J. Ronen, "Multiple Objective Investment Plan with Uncertainty", *Proceedings of the fall 1974 TIMS-ORSA Meeting*, Puerto Rico, October 1974.

Biger, N., "Exchange Risk and International Portfolio Diversification", *Proceedings of the Canadian Association of Administrative Sciences, Third Annual Conference*, Alberta, June 1975, pp. 1 - 14.

Biger, N., "International Portfolio Diversification and the Flow of Investable Funds", *Proceedings of the Canadian Association of Administrative Sciences, Fifth Annual Conference*, New Brunswick, June 1977, pp. 107-121.

Biger, N., "An Empirical Study of the Performance of Index-Linked Bonds", *Finance 1978, Administrative Sciences Association of Canada, Finance Division*, London, Ontario, June 1978, pp. 112-122.

Biger, N. and G. Richardson, "The Information Content of Various Foreign Currency Accounting Measures given an Investor Decision Models", Proceedings of the 1979 Meeting of the Canadian Association of Administrative Sciences, Saskatoon, June 1979, pp. 44-54.

Biger, N. and J. Orbach, "A Comment on Taxation and Abnormal International Capital Flows", Proceedings of the 1979 Meeting of the Canadian Association of Administrative Sciences, Saskatoon, June 1979, pp. 65-72.

Biger, N., "Optimization of Foreign Exchange Position", The Institute of Management Science, Proceedings of the XXIV International Meeting, Hawaii, June 1979, pp. 145-152.

Biger, N., "A Model for Optimization of Working Capital with Multiple Currencies", Finance 1980, Proceedings of the Annual Meeting of the Canadian Association of Administrative Sciences, Quebec, June 1980, pp. 181-192.

Biger, N., "Capital Markets: Special Tax Considerations in Trading Canadian Inter-Listed Stocks", The Fifth Annual Conference, The Financial Research Federation of Canada, October 1980, pp. 11-28.

Biger, N., "The Performance of Foreign-Controlled Canadian Securities and Some Observations about the Integration of International Capital Markets", The European Financial Management Association, Sixth Annual Conference, September 1980, Abstract published in Proceedings.

Biger, N., "Debt Financing Under Inflation: The Case of Chile's Crisis", International Business, Vol. 5, Part 8, Administrative Science Association of Canada, 1984, pp. 157-166.

Other Scientific Publications

Biger, N., "Canadian Business Cycle Composite Indicators", W.A. Beckett Associates Ltd., July 1973.

Biger, N., "Program Optimization in a Multi-Objective Dimension Space", Ontario Ministry of Transportation and Communications, March 1980.

Biger, N. and T.H. Kuhn, "The Economic Impact of York University on Metropolitan Toronto", Board of Governors, York University, June 1980.

Biger, N., "Are Index Linked Mortgages an Idea whose Time has Come?", published in Mortgage Broker, Vol. 3, No. 1, January 1981

Biger, N. and others, "Chile: An Economic Memorandum", A Report prepared for the World Bank as part of the 1983 Economic Mission to Chile, Report No. 5099-CH, Washington DC, September 1984, (148 pages).

Biger N., and others, "Botswana: Financial Policies for Diversified Growth", A report of the World Bank and the International Finance Corporation, Report No. 7690-BT, August 1989, 245 pages.

Biger, N., "Project Evaluation - A Conceptual Framework", A Report prepared for Engen Oil and Gas, Cape Town, September 1993