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Curriculum Vitae

Mark Gersovitz

Present Position:

Professor of Economics, Department of Economics, The Johns Hopkins University.

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Personal:

U.S. Permanent Resident, Citizen of Canada

Education:

B.A. Economics, McGill University, 1971  
M.A. Economics, Yale University, 1972  
M.Phil. Economics, Yale University, 1973  
Ph.D. Economics, Yale University, 1975

Previous Principal Employment:

Visiting Instructor of Economics, Wesleyan University, 1975.  
Assistant Professor of Economics, University of Western Ontario, 1975-76.  
Assistant Professor of Economics and International Affairs, Princeton University, 1976-82.  
Research Economist and Public Policy Analyst, and (sometime) Lecturer, Princeton University, 1982-84.  
Senior Research Economist and Public Policy Analyst and (sometime) Lecturer, Princeton University, 1984-90.  
Professor of Economics, Department of Economics and Research Scientist, Center for Research on Economic Development, University of Michigan, Ann Arbor, 1989-94.  
Director, Center for Research on Economic Development, University of Michigan, 1993-94.  
Editor, The World Bank Economic Review and The World Bank Research Observer, 1992-94.

Other Professional Positions:

Member, Economics Reference Group, Advisory Body to UNAIDS and World Bank, 2010-11.  
 Member, Africa Initiative Advisory Board, Centre for International Governance Innovation, 2010-11.  
 Member, External Review Panel for the Asian Development Bank Institute (ADB), 2010.  
 IMF Roster of Fiscal Experts, 2009-.  
 Editorial Board Member, World Bank Economic Review, 2000-2006.  
 Associate Editor, Journal of Development Economics, 1995-2003.  
 Member, Editorial Board, Review of Development Economics, 1996-1999.  
 Associate Editor, Journal of African Economies, 1992-2002.  
 Associate Editor, World Politics, 1986-90.  
 Editorial Board Member, World Bank Research Observer, 1986-92.  
 Visiting Scholar, Tax Policy Division, Fiscal Affairs Department, IMF, 2003.  
 Visiting Fellow, Institute for International Economic Studies, University of Stockholm, January/February, 1988.  
 Visiting Research Scholar, World Bank, October/November, 1988.  
 Senior Fellow, Institute for Policy Reform, Washington DC, 1992-1993.

Books, Monographs and Public Lectures:

Poor Country Borrowing in Private Financial Markets and the Repudiation Issue, with J. Eaton, Princeton Studies in International Finance No. 47 (Princeton, N.J.: International Finance Section, June 1981).

Co-editor, The Theory and Experience of Economic Development: Essays in Honor of Sir W. Arthur Lewis (London: George Allen & Unwin, 1982).

Editor, Selected Economic Writings of W. Arthur Lewis (New York: New York University Press, 1983).

Co-editor, The Political Economy of Risk and Choice in Senegal (London: Frank Cass, 1987).

The Economies of Africa and the Prices of their Exports, with C. H. Paxson, Princeton Studies in International Finance No.68 (Princeton, N.J.: International Finance Section, October 1990).

Human Behaviour and the Transmission of Infectious Disease: An Economist's Perspective, The Joseph Fisher Lecture (Adelaide: The University of Adelaide, 1999). Reprinted in K. Anderson. Australia's Economy in the International Context: The Joseph Fisher Lectures, vol. 2 (Adelaide: Adelaide University, 2001), 445-465.

Infectious Diseases: Responses to the Security Threat without Borders, Plenary Lecture, Global Development Network Conference, Brisbane, 2008. Revised and published in Security for Development, G. Mavrotas, ed., (Cheltenham: Edward Elgar)

Published Papers:

## On Aspects of Economic Development:

"Aggregate Demand, the Wage Gap and Unemployment in LDC's," Journal of Development Economics, vol. 1, no. 3 (December 1974), 235-246.

"Land Reform: Some Theoretical Considerations," Journal of Development Studies, vol. 13, no. 1 (October 1976), 79-91.

"LDC Participation in International Financial Markets: Debt and Reserves," with J. Eaton, Journal of Development Economics, vol. 7, no. 1 (March 1980), 3-21. Reprinted in Bird, G. and P. N. Snowden, International Debt, vol. 1 (Cheltenham: Elgar, 1995) 111-131.

"Debt with Potential Repudiation: Theoretical and Empirical Analysis," with J. Eaton, Review of Economic Studies, vol. 48, no. 152 (April 1981), 289-309. Reprinted in Bird, G. and P. N. Snowden, International Debt, vol. 1 (Cheltenham: Elgar, 1995) 56-74.

Published Papers (cont'd):

- "The Estimation of the Two Gap Model," Journal of International Economics, vol. 12, no. ½ (February 1982), 111-124.
- "Uncertainty, Information and the Inflation Tax in LDC's," in The Theory and Experience of Economic Development: Essays in Honor of Sir W. Arthur Lewis, eds. M. Gersovitz et al. (London: George Allen & Unwin, 1982), 135-154.
- "Country Risk: Economic Aspects" with J. Eaton in Managing International Risk, ed. R. J. Herring (Cambridge: Cambridge University Press, 1983), 74-107.
- "Savings and Nutrition at Low Incomes," Journal of Political Economy, vol. 91, no. 5 (October 1983), 841-855.
- "A Theory of Expropriation and Deviations from Perfect Capital Mobility," with J. Eaton, Economic Journal, vol. 94, no. 373 (March 1984), 16-40.
- "A Framework for Understanding LDC Debt," in Report of the Policy Forum on the International Debt Problem, ed. G. R. Sparks (Kingston: John Deutsch Institute for the Study of Economic Policy, 1985), 1-7.
- "Banks' International Lending Decisions: What we know and implications for future research," in International Debt and the Developing Countries, eds. G. W. Smith and J. T. Cuddington (Washington: IBRD, 1985), 61-78.
- "Economic Stabilization, Conditionality and Political Stability," with H.S. Bienen, International Organization, vol. 39, no. 4 (Autumn 1985), 729-54.
- "Agro-Industrial Processing and Agricultural Pricing under Uncertainty," Review of Economic Studies, vol. 53, no. 172 (January 1986), 153-169.
- "Social Welfare Underpinnings of Urban Bias and Unemployment," with R.J. Arnott, Economic Journal, vol. 96, no. 382 (June 1986), 413-424.
- "The Pure Theory of Country Risk," with J. Eaton and J. E. Stiglitz, European Economic Review, vol. 30 (1986), 481-513. Reprinted in de Menil, G. and R. J. Gordon, International Volatility and Economic Growth: The first ten years of the International Seminar on Macroeconomics (Amsterdam: North Holland, 1991), 391-423. Reprinted in Lal, D., Development Economics, vol. 4 (Cheltenham: Elgar, 1992), 241-273.
- "Consumer Subsidy Cuts, Violence and Political Stability," with H.S. Bienen, Comparative Politics, vol. 19 (October 1986), 25-44.
- "The Effects of Domestic Taxes on Foreign Private Investment," in The Theory of Taxation for Developing Countries, eds. D. M. G. Newbery and N.H. Stern (New York: Oxford University Press for the World Bank, 1987), 615-635.
- "Some Sources and Implications of Uncertainty in the Senegalese Economy," in M. Gersovitz and J. Waterbury (eds.), The Political Economy of Risk and Choice in Senegal (London: Frank Cass, 1987), 15-46.
- "Saving and Development," in Handbook of Development Economics, eds. H. B. Chenery and T. N. Srinivasan (Amsterdam: North Holland, 1988), 381-424.
- "Country Risk and the Organization of International Capital Transfer," with J. Eaton in Debt, Stabilization & Development, eds. G. Calvo et al (Oxford: Basil Blackwell, 1989), 109-129.
- "Transportation, State Marketing, and the Taxation of the Agricultural Hinterland," Journal of Political Economy, vol. 97, no. 5 (October, 1989), 1113-1137.
- "Transportation Policy and State Marketing in Africa," World Bank Economic Review, vol. 6, no. 5 (May, 1992), 213-231.

Published Papers (cont'd):

- "Institutional and Intertemporal Influences on the Trade of Developing Countries," with C. H. Paxson, American Economic Review Papers & Proceedings vol. 82, no. 2 (May 1992), 180-185.
- "Tropical Tree Crops, Credit and Moral Hazard," Oxford Economic Papers vol. 44 (1992), 480-493.
- "Some Curious Properties of a Familiar Model of Debt and Default," with J. Eaton, Economics Letters vol. 48 (1995), 367-371.
- "The Revenues and Expenditures of African Governments: Modalities and Consequences," with C. H. Paxson, The Journal of African Economies vol. 5, no. 2 (1996), 199-227.
- "Revenue Erosion through Exemption and Evasion in Cameroon, 1993," with B. Gauthier, Journal of Public Economics vol. 64, no. 3 (1997), 407-424.
- "The Balance of Self-Reported Heterosexual Activity in KAP Surveys and the AIDS Epidemic in Africa," with H. Jacoby, T. Goze and D. Seri, Journal of the American Statistical Association, vol. 93 (September 1998), 875-883.
- "Economic Development and the Art of Maintenance," in Development, Duality and the International Regime: Essays in Honor of Gustav Ranis, eds. G. Saxonhouse and T. N. Srinivasan (Ann Arbor: University of Michigan Press, 1999), 244-261.
- "A Preface to the Economic Analysis of Disease Transmission," Australian Economic Papers vol. 39, no. 1 (2000), 68-83.
- "Births, Recoveries, Vaccinations and Externalities," in Economics for an Imperfect World: Essays in Honor of Joseph E. Stiglitz eds., R. J. Arnott, et al, (Cambridge: MIT, 2003), 469-483.
- "Infectious Diseases, Public Policy, and the Marriage of Economics and Epidemiology," with J. S. Hammer, The World Bank Research Observer, vol.18 (2003), 129-157.
- "The Economical Control of Infectious Diseases," with J. S. Hammer, Economic Journal, vol.114, no. 492 (2004), 1-27.
- "Tax/Subsidy Policies toward Vector-Borne Infectious Diseases," with J. S. Hammer, The Journal of Public Economics, vol. 89 (2005), 647-674.
- "The HIV Epidemic in Four African Countries Seen Through the Demographic and Health Surveys," The Journal of African Economies, vol. 14, no. 2 (2005), 191-246.
- "HIV, ABC and DHS: Age at First Sex in Uganda," Sexually Transmitted Infections vol.83 (2007), 165-168.
- "The Taxation of Profits When There are Profits," Economics Letters, vol. 107 (2010), 145-147.
- "HIV Testing: Principles and Practice," World Bank Research Observer, vol. 26 (2011), 1-41.
- "The Economics of Infection Control" in Annual Review of Resource Economics, M. Cropper, ed., Vol. 3 (2011), 277-296.
- "Infectious Diseases: Responses to the Security Threat without Borders," in Security for Development, G. Mavrotas, ed., (Cheltenham: Edward Elgar, 2011).
- "Mathematical epidemiology and welfare economics in Modeling the Interplay between Human Behavior and the Spread of Infectious Diseases, P. Manfredi and A. d'Onofrio, eds. (New York: Springer, 2013), 185-202.
- "What is a Civil War? A Critical Review of Its Definition and (Econometric) Consequences," with N. Kriger, World Bank Research Observer, vol. 28 (2013), 159-190.

"Infectious Disease Externalities," in Encyclopedia of Health Economics, vol.2 , A. J. Culyer, ed. (Amsterdam: North Holland, 2014), 35-39.

"Sectoral Asymmetries and a Social-Welfare Interpretation of Hukou," China Economic Review, Vol. 38 (2016), 108–115.

"The Allocation of Health (and other Professional) Personnel to Rural Areas of Poor Countries," Health Economics (forthcoming).

#### On Other Aspects of Economics:

"Seasonality in Regression: An Application of Smoothness Priors," with J. G. MacKinnon, Journal of the American Statistical Association, vol. 73, no. 362 (June 1978), 264-273.

"Classification Probabilities for the Disequilibrium Model," Journal of Econometrics, vol. 14, no. 2 (1980), 239-246.

"Corporate Financial Structure and the Funding of Private Pension Plans," with R.J. Arnott, Journal of Public Economics, vol. 13, no. 2 (April 1980), 231-247.

"Misspecification and Cyclical Models: The Real Wage and the Phillips Curve," Economica, vol. 47, no. 188 (November 1980), 433-441.

"Economic Consequences of Unfunded Vested Pension Benefits," Journal of Public Economics, vol. 19, no. 2 (1982), 171-186.

#### Various Short Pieces:

"W. Arthur Lewis" in J. Mokyr (ed.), The Encyclopedia of Economic History (Oxford: OUP, 2003).

"Issues in Controllability and the Theory of Economic Policy," with W. H. Buiter, Journal of Public Economics, vol. 15, no. 1 (February 1981), 33-43.

"Controllability and the Theory of Economic Policy: A Further Note," with W.H. Buiter, Journal of Public Economics, vol. 24, no. 1 (June 1984), 127-129.

"I.M.F. Medicine," with H.S. Bienen, New York Times, April 3, 1984, A31.

Comment on T. N. Srinivasan, "Saving in the Development Process," in J. H. Gapinski, The Economics of Saving (Boston: Kluwer, 1992), 312-314.

Comment on J. G. Williamson and M. Higgins "The Accumulation and Demography Connection in East Asia," in A. Mason et al, Population Economics, Demographic Transition, and Development (Washington: World Bank Institute, 1999), 86-87.

Review of J. D. Cummins, An Econometric Model of the Life Insurance Sector of the U.S. Economy, in Journal of the American Statistical Association, vol. 72, no. 358 (June 1977), 483-484.

Review of J. Williamson (ed.), IMF Conditionality, in Journal of International Economics, vol. 17, no. 3/4 (November 1984), 387-389.

Review of R. Sabot (ed.), Migration and the Labor Market in Developing Countries, in Economic Development and Cultural Change vol. 33, no. 4 (July 1985), 900-903.

Review of W. R. Cline, International Debt: Systemic Risk and Policy Response, in Journal of Economic Literature, vol. 24, no. 1 (March 1986), 108-110.

Review of A. Velasco (ed.), Trade, Development and the World Economy: Selected Essays of Carlos Diaz-Alejandro, in Journal of Economic Literature, vol. 28, no. 2 (June 1990), 703-704.

Review of J. Dreze and A. Sen, Hunger and Public Action in Economic Journal (November, 1991), 1591-1592.

Various Short Pieces (cont'd):

- Review of E. Ahmad and N. Stern, The Theory and Practice of Tax Reform in Developing Countries, in Economica, vol. 60, no. 239 (August, 1993), 367-368.
- Review of D. Sapsford and J. Chen, Development Economics and Policy, in Journal of Development Economics, vol. 62, no. 1 (June, 2000), 277-280.
- Review of Yair Mundlak, Agriculture and Economic Growth, in Journal of Economic Literature, vol. 40 (March, 2002), 223-225.
- Review of World Bank, World Development Report 2005: A Better Investment Climate for Everyone, Journal of Economic Literature, vol. 44 (March, 2006), 179-181.
- Review of Pranab Bardhan and Dilip Mookherjee, eds., Decentralization and Local Governance in Developing Countries, Economic Development and Cultural Change vol. 57 (June, 2009), 837-839.
- Review Article: "A Review of Michael Tomz's Reputation and International Co-Operation: Sovereign Debt Across Three Centuries," Journal of Economic Literature, vol. 47 (June, 2009), 475-481.

Unpublished Papers:

- "Trade, Capital Mobility and Sovereign Immunity," Research Program in Development Studies Discussion Paper No. 108, Princeton University, September, 1983.
- "Shadow Pricing under the International Coffee Agreement," with C. H. Paxson, mimeo, Princeton University, 1990.
- "Spatial Incentives and the Timeliness of Transport in Poor Countries," mimeo, The Johns Hopkins University, revised 1996.
- "Optimal Taxation, Cournot and the Size Distribution of Firms," The Johns Hopkins University, 2005.
- "Optimal Disease Eradication through Vaccination," The Johns Hopkins University, 2010.
- "HIV Testing and Equilibrium in the Sexual Market Place," The Johns Hopkins University, 2010.
- "Disinhibition and Immiserization in a Model of Susceptible-Infected-Susceptible (SIS) Diseases," The Johns Hopkins University, 2012.
- "The Dynamics of HIV Discordant Couples in Africa," The Johns Hopkins University, 2012.
- "The Allocation of Education and Health Professionals to Rural Areas of Poor Countries," 2014.

Grants Held:

- Co-principal investigator with J. Eaton, SSRC grant for research on international aspects of commercial banking, 1974-75 (\$3,240).
- Principal investigator, S.S. Huebner Foundation grant for research on the funding of private pensions, 1978-1980 (\$10,000).
- Co-principal investigator with H.S. Bienen, USAID grant no. 650-0071-C-00-4038-00 for research on macroeconomic policy analysis and reform in the Sudanese economy, 1984-85 (\$384,825).
- Co-principal investigator with H S. Bienen and J. P. Lewis, Asian Development Bank grant no. CAS/S/86-053 for research on selected policy issues in developing member countries, 1986 (\$19,573).

Grant Held (cont'd):

Co-principal investigator with H. S. Bienen and J. P. Lewis, Asian Development Bank grant no. CAS/S/86-298 for the study of selected development issues, 1987-88 (\$400,000).

Principal Investigator, World Bank grant no. 674-75 for the study of transport and agriculture in Africa, 1988-90 (\$50,500).

Principal Investigator, World Bank grant no. 679-08 for the study of AIDS in Africa 1994-95 (\$35,500).

Experience Abroad:

Zaire, 1973: agriculture and demography.

Nigeria, 1979: agriculture and income distribution.

Mexico, 1980-1981: agriculture and income distribution.

Senegal, 1981-1984: agriculture and uncertainty.

Sudan, 1984-1986: transportation; maintenance of capital equipment.

Ethiopia, 1985: tax structure and tax administration.

Indonesia, Nepal, Philippines, Thailand, 1985-88: brief professional visits under Asian Development Bank auspices.

Indonesia, 1988: treecrops and agro-industry.

Madagascar, 1989: transportation and agriculture.

Ivory Coast, 1990: transportation and agriculture.

Guyana, 1991: tax reform.

Egypt, 1991: tax reform.

Cameroon, 1993-94: tax administration.

Ivory Coast, 1993-94: HIV and public health.

Ghana, 1994: taxation and savings.

Bangladesh, 1996: maintenance and public expenditure.

Jordan, 1998: expenditure on education and health.

Chad, 2002: supply in the health sector.

Botswana, Madagascar and Malawi, 2006: HIV testing.

Tanzania and Uganda, 2007: HIV testing.

Bhutan, 2009: tax reform.

Foreign Languages:

French

Selected Consultancies:

World Bank, IMF, Asian Development Bank, UNAIDS, UNDP, Bank of Canada, US Congress, Euromoney Publications.