



Bill Gibson

John Converse Professor of Economics [UVM](#)

Education

1974-1977 Ph.D. , University of California , Berkeley, CA.

1971-1974 MBA , University of California , Berkeley, CA.

1966-1970 Aerospace Engineering , Georgia Institute of Technology, Atlanta, GA.

Experience

Academic

1986 John Converse Prof. of Econ. , University of Vermont , Burlington, VT
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- + Teaching and research in the areas of complex systems, development and the economics of space exploration.
- + Affiliated with [Vermont Complex Systems Center-UVM](#)
- + Member of Social Systems Team: [BREE Basin Resilience to Extreme Events](#) In the Lake Champlain Basin: Vermont EPSCoR
- 2007-2008 Visiting Professor of Public Policy and Economics , University of Massachusetts, Amherst, MA.
Teaching and research in the areas of complex systems, development, nanotechnology and advanced quantitative methods
- 1997 Visiting Research Fellow , Development Bank of Southern Africa, Johannesburg, South Africa.
Developed computable general equilibrium model for South Africa with emphasis on employment
- 1995 Visiting Research Fellow , Development Bank of Southern Africa, Johannesburg, South Africa.
Developed computable general equilibrium model for South Africa with emphasis on employment
- 1981 Visiting Assistant Professor , Department of Agricultural & Resource Economics, University of California, Berkeley, CA.

Teaching and Research in the areas of development and economic theory

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1977-1986 Assistant Professor of Economics, University of Massachusetts Amherst, MA.

Teaching and research

Sept 1976-Jan 1977 Visiting Assistant Professor, Department of Economics and Planning Universidad Nacional Agraria, Lima, Peru.

1977 Teaching and research in the areas of development and economic theory

Jan 1979 Visiting Assistant Professor, Faculty Colloquium on the Theory of Value, Centro de Estudios Económicos y Demográficos El Colegio de México

Jan 1976-Jan Consultant ,
1977

Journal of Development Economics
Cambridge Journal of Economics
Zeitschrift für Nationalökonomie
World Scientific
Metroeconomica
Economia
Review of Political Economy
International Journal of Financial Studies

Presentations

- May 2019 Compact computable general equilibrium models for development policy , International Labour Organization , Geneva, Switzerland.
- April 2018 Integrating the Informal Sector into Computable General Equilibrium Models , International Labour Organization , Geneva, Switzerland.
- June 2018 Compact Computable General Equilibrium Models Lectures and Lab exercises , Central Bank of Honduras, Ministry of Labor and the International Labour Organization, Comayagua, Honduras.
- June 2018 Computable General Equilibrium Models Lectures and Lab exercises , Central Bank of Guatemala, Ministry of Labor and the International Labour Organization, Guatemala City, Guatemala.
- Nov 2018 Cheap and Easy: Compact computable general equilibrium models for development policy , Florida International University , Department of Economics, Miami.
FL
- Feb 2017 A multi-agent systems approach to public and private sector collaboration in the emerging space industry , Eastern Economics Association
NewYork, NY.
- Feb 2017 A multi-agent systems approach to public and private sector collaboration in the emerging space industry , Eastern Economics Association
NewYork, NY.
- Aug 2016 Computable General Equilibrium Modeling , Universidad Jaurez Autonoma de Tabasco Villahermosa, MX.
- July 2016 Integrating computable general equilibrium and agent-based models , SWARMFEST 2016: 20th Annual Meeting on Agent Based Modeling & Simulation, Burlington, VT.
- Dec 2015 Assessment Methods for Employment Impact , Geneva.
- Jun 2015 Intermediation Money Creation and Keynesian Macrodynamics in Multi-agent Systems , Ekonomski Institute, Zagreb, Croatia.
- May 2015 Assessment Methods for Labor Protection Clauses in FTAs , ILO Roundtable on Trans-Pacific Partnership (TPP) , Washington, D.C..
- Jan 2015 Real and Financial Crises , Florida International University , Miami, FL.

- Oct 2015 La reforma energetica mexicana y sus efectos regionales: un modelo computable y compacto para Tabasco , Banco Central/World Bank CGE Conference Bogota, Colombia.
- May 2010 Real Foundations of the Financial Crisis , Analytical Political Economy Workshop, University of East London, London, UK.
- Mar 2008 A Multi-Agent Systems Approach to Microfoundations , Department of Economics, University of Massachusetts Amherst, MA.
- Jun 2008; A Multi-Agent Systems Approach to the Microfoundations of Macro , Analytical Political Economy Workshop, University of East London , London, UK.
- July 2008 Economics of Nanotech ,

- Mar 2000 The Transition to a Globalized Economy: Poverty, Human Capital and the Informal Sector in a Structuralist CGE Model , Department of Economics, University of Massachusetts Amherst, MA.
- June 1999 Globalization and Poverty: The Case of Paraguay , Secretaria Técnica de Planificación, Asuncion, Paraguay.
- Feb 1999 Globalization and Poverty: The Case of Paraguay , UNDP Conference on Current and Capital Account Liberalization , Rio de Janeiro, Brazil.
- Aug 1998 Liberalization and Financial Crisis in Paraguay , Central Bank and Ministry of Finance of Paraguay, Asuncion, Paraguay.
- Feb 1997 Real Wages Employment and Macroeconomic Policy in South Africa , National Labour and Economic Development Office, Johannesburg, RSA.
- Jun 1996 A Structuralist Analysis of the Interplay of Macro and labor Market Policies in South Africa , Development Bank of Southern Africa, Midrand, RSA.
- Nov 1995 The Macroeconomic Effects of Restructuring Government Expenditure by Function in South Africa , African Economic Research Consortium, Johannesburg, RSA.
- Dec 1994 A Dynamic Model of the South African Economy , Economics Department, University of Notre Dame, Notre Dame, Indiana.
- Nov 1990 The Distributive Effects of Bolivia's Drug Dependence , Regional Science Association, Cambridge, MA.
- Apr 1990 The Inflation-Devaluation-Inflation Hypothesis , Department of Economics, Roosevelt University, Chicago, IL.
- Apr 1990 Nicaragua in the Medium Term , WIDER conference on Structural Adjustment, Stockholm, Sweden.
- Mar 1990 A Dynamic Model of a Foreign Exchange Constrained Economy , Department of Economics, University of Notre Dame, Notre Dame, Indiana.
- Dec 1989 The Break-up of the Mixed Economy , Latin American Studies Association, Miami, FL.
- July 1989 Commentator in Conference on Stabilization and Growth , UDAPE , LaPaz, Bolivia.
- Mar 1989 The Effects of Macroeconomic Policies on Bolivian Agriculture , Harvard Institute for International Development , Cambridge, MA.
- Aug 1988 Medium Term Prospects in Nicaragua , WIDER conference on Structural Adjustment in the Medium Term , Helsinki, Finland.
- Mar 1988 Two-week Lecture Series on Mathematical Models for Developing Countries , INCAE , Managua, Nicaragua.
- Jun 1987 Discussant of paper by Raul Hinzosa CIDE-CEPAL Conference on Economic Relations between the U.S. and Mexico , Fordham University, Bronx, NY.
- Nov 1986 Discussant of papers by David Ruccio and Carlos Vilas , Latin American Studies Association Annual Meetings Boston, MA.

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- Aug 1986 (de) Stabilization Policy in Nicaragua , WIDER conference on Stabilization Policy in the Third World , Helsinki, Finland.
- Feb-1986 Short-Term Macro Policy in Nicaragua , Non-neoclassical Seminar MIT-Harvard, Cambridge, MA.
- Aug 1985 Macroeconomic Planning and Policy , Office of the President , Managua, Nicaragua.
- Aug 1985 Preliminary Results of Simulations of Food Security v. 'Desarrollo Hacia Afuera' , Food and Agriculture Organization, Managua, Nicaragua.
- Jan 1985 A Social Accounting Matrix for Nicaragua IV , Centro de Investigaciones

- [8] Bill Gibson. Two models for analyzing the impact of economic policies. Technical report, International Labor Organization, Buenos Aires, Argentina, 2005. Prepared for a workshop Between Globalization and National Development: Towards greater coherence between economic and labour policies, Buenos Aires, 8-9 August 2005.
- [9] James Lovinsky and Bill Gibson. A Robinson model for Argentina. In Bill Gibson, editor, Joan Robinson's Economics: A Centennial Celebration, chapter 11, pages 225-44. Edward Elgar, Cheltenham, UK, 2005.
- [10] Bill Gibson. A multi-agent systems approach to microeconomic foundations of macro. University of Massachusetts, Department of Economics Working Paper Series, 2007.
- [11] Bill Gibson. Data problems and empirical modeling in developing economies. In Amitava Krishan Dutt and Jaime Ros, editors, International Handbook of Development Economics, pages 83-96. Edward Elgar, London, 2008.
- [12] Bill Gibson. Economic planning in developing economies. In Amitava Krishna Dutt and Jaime Ros, editors, International Handbook of Development Economics, volume 2, chapter 57, pages 341-55. Edward Elgar, Cheltenham, UK and Northampton, MA, 2008.
- [13] Bill Gibson. Keynesian and neoclassical closures in an agent-based context. METU Studies in Development, 35(1):81-100, 2008.
- [14] Bill Gibson. The current crisis in macroeconomic theory. In Jonathan Goldstein and Michael Hilliard, editors, Heterodox Macroeconomics: Keynes, Marx and globalization. Routledge, 2009.
- [15] Bill Gibson. Trade and employment. <http://www.uvm.edu/~wgibson/>, 2009.
- [16] Bill Gibson. The structuralist growth model. In Mark Setterfield, editor, Handbook of Alternative Theories of Economic Growth, chapter 1. Edward Elgar, Cheltenham, UK, 2010.
- [17] Bill Gibson. Assessing the impact of trade on employment: Methods of analysis. In Marion Jansen, Ralf Peter Plöcher, and Bill Gibson, editors, Trade and Employment in Developing Countries, pages 1-22. Edward Elgar, Cheltenham, UK, 2010.

- [23] Aída Beatriz Armenta, Diane Flaherty, Bill Gibson, and Jorge Salazar-Carrillo. La reforma energética mexicana y sus efectos regionales: un modelo computable para tabasco. Working paper, University of Vermont, Burlington, VT, 2017.
- [24] B. Gibson and Lawrence DeGeest. A multi-agent systems approach to public and private sector collaboration in the emerging space industry. University of Vermont, 2017.
- [25] B. Gibson and M. Setterfeld. Real and financial crises in the Keynes-Kalecki structuralist model: An agent-based approach. *Metroeconomica*, 69:566-592, 2018.
- [26] B. Gibson and Mark Setterfeld. Real and financial crises in the Keynes-Kalecki structuralist model: An agent-based approach. *Metroeconomica*, 69:566-592, 2018.