



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
Present 05405 USA.

- + 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

Department of Economics 239 Old Mill, 94 University Place, Burlington, VT 05405

F 1 (413) (336) 3669 Ó +1 (413) 548 9948

+1 (802) 656 3064 Q bill.gibson@uvm.edu

OE www.uvm.edu/~wgibson/

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.
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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+1 (802) 656 3064 Q bill.gibson@uvm.edu

OE www.uvm.edu/~wgibson/

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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 Pln co16ae5y.(o16ae5949kbson)-1Sala49kbson(o16ae59 0 1 223.768 451.797 Tm

- [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.