CURRICULUM VITAE

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DATE OF BIRTH: April 9, 1952

CITIZENSHIP: U.S.A.

MARITAL STATUS: Married, 2 children

ACADEMIC BACKGROUND:

Degrees: Ph.D. Economics, 1980; University of Wisconsin-Madison
M.S. Economics, 1979; University of Wisconsin-Madison
B.A. History, 1973; Cornell University

FIELDS OF INTEREST:

Primary: American Economic History, Vermont Economy
Secondary: State and Local Public Finance, Regulation

PROFESSIONAL AFFILIATIONS:

American Economic Association
Economic History Association

PROFESSIONAL EXPERIENCE:

1986 -	Associate Professor, University of Vermont, Department of Economics
1988 - 1991	Vermont State Economist for Governor Madeleine M. Kunin
1987 - 1988	Visiting Economist, MIT, Center for Energy Policy Studies
1980 - 1986	Assistant Professor, University of Vermont, Department of Economics

INTERNATIONAL EXPERIENCE:

March 11, 1995 - April 11, 1995; Petrozavodsk and Moscow, Russia; UVM-Petrozavodsk State University Partnership Program.

OTHER AFFILIATIONS:

Board of Directors, Northeast-Midwest Institute, 2007- 2008
President, Vermont Council on Economic Education, 1999 -
Board of Advisors, Sopher Investment Management, 2000-
Board of Directors, Ethan Allen Institute 2003-
National Teaching Faculty, Foundation for Teaching Economics 2001-
President, Board of Directors, Vermont Student Opportunity Scholarship Fund, 1998 - 2008
Executive Committee, Center for Research on Vermont, 1994 - 2000
President, Northern Economic Consulting, Inc.
Editor, *Vermont Economy Newsletter*
Contributing Editor, *Vermont Magazine*, 1991-2000

UNIVERSITY SERVICE:

Director, UVM Janus Forum, 2008-
College of Arts and Sciences Curriculum Committee, 2007 – 2001 (chair 2008-09)
Advisory Committee, Vermont EPSCoR (Experimental Program to Stimulate Competitive Research), 1993-1996
Faculty Member, Public Administration Program, UVM, 1991- 1999
Faculty Member, Canadian Studies Program, UVM, 1991- 1998
Member, EPA-EPSCoR Planning Committee, 1991-1993
Member, Technical Advisory Committee, Lake Champlain Management Conference, 1991 - 1997
Member, NSF-EPSCoR Implementation Committee, 1988 - 1993
Member, Board of Trustees Committee on Socially Responsible Investing, 1987 – 1999
Member, Retirement Plan Study Committee, 1987.
Member, Search Committee for Economics Department Chair, 1987.
Member, Financial Policy Committee, University Senate 1985 - 1987.
Member, University Committee to Review Performance of Director of UVM Extension, 1984.
Member, Search Committee for Economics Department Chair, 1983.

OTHER SERVICE:

Member, Policy Advisory Committee, Vermont State Department of Education, 2001-2002
State Economist under Governor Madeleine Kunin, 1988-1991
Member, Chittenden Central District School Board, 1985-1987 (Vice Chair 1986-1987).
Member, Westford School Board, 1985-1987 (Vice Chair, 1986-1987).

REFEREED PUBLICATIONS:

"La science économique à la rescousse de l'environnement," Perspectives, Fraser Institute Vol 2, No 1, 2008
"Taxes, Public Policy, and Retailing Along the Connecticut River," *State Tax Notes* (39,7), pp. 547-566, February 20, 2006
"Finances: Taxation" in Vermont State Government and Administration: 1965 - 1995, Michael Sherman (ed.), (1999).
"The Economics, and Economic Analysis, of Boom and Bust," in The Fiscal Crisis in the States: Lessons From the Northeast, Charles Colgan and Joseph Slavet (eds.), Edmund S. Muskie Institute of Public Affairs, University of Southern Maine (1993), pp. 11-42.

"The Cost of Home Ownership in Vermont: 1975-1990," *New England Journal of Public Policy*, Fall/Winter 1992, pp. 67-90.
"The Skills Economists Need in Government," in Educating Economists, David Colander and Reuven Brenner (eds.), University of Michigan Press (1992), pp. 201-210.
"Regulatory Reform in the 1970s: An Anti Rent-Seeking Movement?" (with David Audretsch), *European Journal of Political Economy* 3 (1987), pp. 335-349.
"Residential Electrification in Early Twentieth-Century America," *The Energy Journal* 8 (April 1987), pp. 19-30.
"Market Structure and Minority Presence: Black-Owned Firms in Manufacturing," *The Review of Black Political Economy* 14 (Spring 1986), pp. 79-90.
"The Industry Life Cycle and the Concentration-Profits Relationship," (with David Audretsch), *The American Economist* 30 (Fall 1986), pp. 46-51.
"Income, Public Works, and Mortality in Early Twentieth Century American Cities," (with K. Celeste Gaspari), *Journal of Economic History* 14 (June 1985), pp. 355-61.
"Electricity, Productivity, and Labor-Saving: American Manufacturing, 1900-1929," *Explorations in Economic History* 21 (1984), pp. 176-191.
"Energy and Technology in American Manufacturing: 1900-1929," *Journal of Economic History* 42 (March 1982), pp. 230-232.

OTHER PUBLICATIONS:

"How to Stay Warm This Winter," *Rutland Herald* op ed, August 7, 2008
"A Primer on Vermont's Sales Tax Holiday," *Rutland Herald* op ed, June 4, 2008
"With Taxes, Progressivity Isn't Everything," *Rutland Herald* op ed, October 21, 2007
"Two Views on the Graying of Vermont," *Burlington Free Press* (special section), March 29, 2007
"Demographic Changes and Fiscal Consequences in Vermont,", with Richard Heaps, Ethan Allen Institute, December 2006.
"Measuring Gross National Happiness," *Burlington Free Press* op ed, November 23, 2006
"Energy Security in Vermont," *Burlington Free Press* op ed, March 9, 2006
"Demographic Shift Will Hurt Vermont Economy," *Rutland Herald* op ed, Jan 15, 2006
"Three Solutions to Save Social Security" *Burlington Free Press* op ed Dec 29, 2004
"What Ida Mae Fuller Teaches Us" *Rutland Herald* op ed Dec 23, 2004
"Green Mountain Shoppers, Unite," (op ed) *New York Times*, June 6, 2004.
"Why Act 60 Failed," (op ed) Rutland Herald, March 18, 2003.
"Vermont's State Income Tax in 2002: A Decisionmaking Framework," *State Tax Notes*, 2002.
"Evaluation of Act 60: Vermont's Education Financial Law: Update October 2001," for the Vermont Coalition of Municipalities, November 2001.
"A River Divides It: Retailing Along the Connecticut River Valley," February 2001, for the Vermont Grocers Association and the Vermont Soft Drink Association.
"Housing Prices, Availability, and Affordability in Vermont," for the Vermont Business Roundtable, October, 2000.
"Evaluation of Act 60, Vermont's Education Financing Law," September 2000, for the Vermont Coalition of Municipalities (with Richard Heaps).
"Tackling the High Price of Drugs," *Vermont Magazine*, November/December 2000.
"After Limping Along for Years, Vermont Economy Roared to a Close," *Vermont Magazine*, May/June 2000.
"Can Vermont's Tax Structure Survive the 21st Century?" *Vermont Business Magazine Millennium Project*, pp. 76-83, January 2000.
"Manufacturing Prosperity in Vermont," for Associated Industries of Vermont, September 1999.
"State Plays Numbers Game With Math Scores," *Burlington Free Press* (op-ed), March 19, 1999.

"Sprawl Wars: It's Vermont's Newest Hot-Button Political Issue, But Where is the Enemy?" *Vermont Magazine*, February 1999.
"Economic Development and the Permit Process: The Impact of Act 60 on the Economics of Development in Vermont," for the Vermont Business Roundtable, July 1998.
"Trains and Planes: When it Comes to Transportation Issues, Public Policies Rarely Acknowledge Economic Realities," *Vermont Magazine*, July/August 1998.
"Vermont's New Education Financing Law: How it Works, What it Means," (with Richard Heaps), for the Vermont Business Roundtable, fall 1997.
"Analysis of a Gross Receipts Tax for Vermont," (with Richard Heaps), for the Lake Champlain Regional Chamber of Commerce, March 1997.
"A Legislative Report Card: The 1996 Legislature Truly Did Reflect Public Consensus—Or Lack of It," *Vermont Magazine*, July/August 1996.
"Reality Check: As Vermont's Economy Limps Toward the New Millennium, We Must Go Beyond Conventional Wisdom to Redefine Our Goals," *Vermont Magazine*, January/February 1996.
"Taxes and the Connecticut River Valley Economy: The Impact of Public Policy Choices on Retailing Activity in Vermont and New Hampshire," December 1995.
"Duct Tape and Baling Twine: Vermont's Budget, Poorly Patched, Comes Unstuck Again," *Vermont Magazine*, September/October 1995.
"Bluffer's Poker: In the Great Casino Debate, Neither Side Shares the Facts," *Vermont Magazine*, May/June 1995.
"The Feel-Bad Recovery: Vermonters' Economic Worries...and Some Encouraging Signs Ahead," *Vermont Magazine*, March/April 1995.
"Education Costs in Vermont," A Report to the Associated Industries of Vermont, January 18, 1995.
"School's Step System Needs Examination," *Burlington Free Press* (op-ed), February 7, 1995.
"State of the State: After a Steep Recession and a Shallow Recovery, What's Ahead for Vermont?," *Vermont Magazine*, January/February 1995.
"No Free Lunches: From Campaign Rhetoric to Plain Talk About Vermont's Budget," *Vermont Magazine*, November/December 1994.
"Vital Signs: How Health-Care Reform Could Cost Vermont," *Vermont Magazine*, October 1994.
"The Business of Governing: Cautionary Tales From the 1994 Vermont Legislature," *Vermont Magazine*, July/August 1994.
"A Modest Proposal for Property Tax Reform," *Rutland Herald* (op-ed), April 29, 1994.
"Scorecard: Tracking Vermont's Economic Performance Play By Play," *Vermont Magazine*, May/June 1994.
"Golden Eggs: What Vermont Legislators Overlook as They Scramble for Revenue," *Vermont Magazine*, March/April 1994.
"Girdling the Trunk: Does Controlling Growth Through Act 250 Lower Our 'Quality of Life?'" *Vermont Magazine*, January/February 1994.
"Chittenden Chokes: In Vermont's Business Powerhouse, the Golden Glow Fades," *Vermont Magazine*, November/December 1993.
"An Analysis of Possible Changes in the Funding of Public Education in Vermont: A Report to the Vermont Business Roundtable," in Restructuring Public Education in Vermont: Fundamentals and Funding, pp. 1-20, October 1993.
"Education No Bargain in Vermont," *Burlington Free Press* (op-ed), October 11, 1993.
"Our Season of Delusion: Who Will Ask the Hard Questions About the Budget, Health Care, and Education?," *Vermont Magazine*, September/October 1993.
"It's Growth, Stupid: What a Vermont Economic Recovery Feels Like in the 1990s, *Vermont Magazine*, July/August 1993.
"Playing Poker: Can Vermont's Government Legislate New Jobs?" *Vermont Magazine*, May/June 1993.

"No More Pencils: Property Taxes, Local Control and the High Cost of Vermont's Schools," *Vermont Magazine*, March/April 1993.
"Maple Syrup on Tortillas: Vermont's Role — and Stake — In a World Open to Free Trade," *Vermont Magazine*, January/February 1993.
"Memo To All Legislators: Solving the Budget Crisis Requires New Thinking About Taxes and Spending," *Vermont Magazine*, November/December 1992.
"Manufacturing Matters: An Underappreciated, and Essential, Vermont Mainstay," *Vermont Magazine*, September/October 1992.
"The Real Estate Roller Coaster: Housing and Construction in Vermont After a Bruising Recession," *Vermont Magazine*, July/August 1992.
"Depending on Tourism: Post-Recession Strategies For a Major Vermont Industry," *Vermont Magazine*, May/June 1992.
"America: What's the Problem; Free Press Series on Economic Woes Bemoaned Symptoms, not Causes," *Burlington Free Press* (op-ed), May 24, 1992.
"The Short Leg Of The Milk Stool: The Declining Role of Dairying and Vermont Agriculture," *Vermont Magazine*, March/April 1992.
"The First Grim Session: Legislating The State Budget During A Recession -- And Beyond," *Vermont Magazine*, January/February 1992.
"The Poor Cousins: Persistent Poverty In The Northeast Kingdom -- And What Can Be Done," *Vermont Magazine*, November/December 1991.
"Paying The Piper: Taxing Truths, And Consequences, Of Balancing The Budget," *Vermont Magazine*, September/October 1991.
"Small Vermont Schools Carry a Hefty Price Tag in Budget," *Burlington Free Press* (op-ed), July 28, 1991.
"Taking Stock of the Recession," *Vermont Magazine*, July/August 1991, pp. 20-22.
"Minimum Dairy Prices Would Hurt Vermonters," *Burlington Free Press* (op-ed), February 8, 1991.
"The Vermont Economy," *New England Economic Project Economic Outlook*, (May 1988, November 1988; May 1989, November 1989; May 1990, November 1990).
"Numbers Put Vermont Business Climate at Top," *Burlington Free Press Business Monday*, September 10, 1990.
"Housing Trends in Vermont in the 1990s," Office of Policy Research, State of Vermont, April 1990.
"Housing Stats Do Show Higher Cost," *Burlington Free Press* (op-ed), December 2, 1989.
"The Economy of the State of Vermont: A History and Forecast," in Richard G. Chapman and Elbert G. Moulton, *Pathways to Prosperity: A Strategic Outlook By The Governor's Commission On The Economic Future of Vermont*, Montpelier VT, November 1989.
"Economics 101: A Study Guide" (with David Audretsch), University of Wisconsin, 1978.
"A Study Guide for Economics 103: Principles of Economics (Macroeconomics)" (with David Audretsch), University of Wisconsin, 1978.
"A Study Guide for Economics 104: Principles of Economics (Microeconomics)" (with David Audretsch), University of Wisconsin, 1978.

BOOK REVIEWS:

Energy and the Rise and Fall of Political Economy, by Bernard Beaudreau, *Journal of Economic Literature* Vol XXXVIII (June 2000), pp. 466-67.
Inventing New England, by Dona Brown, *New England Regional Review* (Federal Reserve Bank of Boston), Q1, 1998.
Technological Innovation and the Great Depression, by Rick Szostak, *Journal of Economic Literature*, XXXV, No. 3 (September 1997), 1419.
Municipal Ownership in the Electric Utility Industry, by David Schap, *Journal of Economic History* 47 (March 1987), pp. 273-274.

Energy Transition and the Local Community by Dan Rose, *Journal of Economic History* 42 (March 1982), pp. 258-259.

MANUSCRIPT REVIEWS:

State and Local Tax Policies: A Comparative Handbook, by Ronald John Hy and William L. Waugh, Jr., Greenwood Press, 1995.
Electricity in the American Economy, Agent of Technological Progress by Sam Schurr, et. al., Greenwood Press, 1989.
Clean, Cheap Heat: The Development of Residential Markets for Natural Gas in the United States, by John Herbert, Greenwood Press, 1990.

ACADEMIC PRESENTATIONS:

"Vermont's Ticking Time Bomb: The Economic and Fiscal Implications of Demographic Change," Center for Research on Vermont Research in Progress Seminar, February 8, 2007
"Property Taxation in Vermont," Lincoln Institute of Land Policy, May 6, 2005
"School Finance Reform in Vermont," Induction ceremony for ODE, St. Michael's College, March 20, 2003
"The Economic Impact of the Flood of 1927," Commemoration of the 75th anniversary of the flood, Center for Research on Vermont, UVM, October 3, 2002
"The Impact of War and Recession on State Education Finance," Annual Meeting of the National Council on Economic Education, San Diego, October 11, 2002
"A River Runs Through It," Husson College Tax Institute Lecture, Husson College, Bangor, Maine, November 9, 2000.
"Taxes, a River, and Retailing: Why Public Policy Matters," Center for Research on Vermont Research-in-Progress Seminar, January 27, 2000
"What a Difference a River Makes: Thirty Years of Economic Development in Vermont and New Hampshire," Aiken Series Lectures, University of Vermont, March 29, 1999.
On economic issues associated with Lake Champlain basic research, Workshop on Setting Research Priorities for Lake Champlain, sponsored by Lake Champlain Basin Program and Vermont Water Resources and Lake Studies Center, Burlington, October 31, 1997.
Session on What Can/Should Students Know About Macro Policy?, "The Future of Classroom Macroeconomics," 18th Annual Conference on Economic Issues, Middlebury College, Middlebury, Vermont, April 12, 1997.
Discussant, Economic History Association Annual Meetings, September 1995, Chicago, IL.
"The Economics, and Economic Analysis, of Boom and Bust," Conference on *The Fiscal Crisis in the Northeast: Causes, Consequences, and Lessons*, Federal Bank of Boston, April 8, 1992, Boston, MA.
"Economics and Public Policy," Annual Omicron Delta Epsilon Dinner (Economics Honor Society), St. Michael's College, April 18, 1991, Winooski Park, VT.
"Graduate School Preparation for Life as a State Economist," Educating Economists Conference, Middlebury College Annual Conference on Economic Issues, April 1990, Middlebury VT.
Discussant, Economic History Association Annual Meeting, September 1989, Washington, DC.
"The Diffusion of Residential Electricity in the United States," XIII Symposio de Análisis Económico, Universidad Autonoma de Barcelona, October, 1988, Barcelona, Spain.
Discussant, Social Science History Association Annual Meetings, October, 1986, St. Louis, MO.
"Structural Determinants of Minority Businesses in American Manufacturing," (with Timothy Bates), 1984 American Economics Association Annual Meeting, December, 1984, Dallas, TX.

"Income, Public Works, and Mortality in Early Twentieth Century American Cities," (with K. Celeste Gaspari), 1984 Economic History Association Annual Meeting, September, 1984, Chicago, IL.
"Interindustry Factor Substitution in Early 20th Century Manufacturing," Operations Research Society of America, May, 1984, San Francisco, CA.
"Energy Substitution in American Manufacturing: A Look Backwards," New England Business and Economics Association, October, 1983, Jeffersonville, VT.
"Regulatory Reform in the 1970s: An Anti Rent-Seeking Movement?" (with David Audretsch), Fifth Annual Middlebury College Conference on Economic Issues, April, 1983, Middlebury, VT.
Session Chair, Fourth Annual Middlebury College Conference on Economic Issues, April, 1982, Middlebury, VT.
"Energy and Technology in American Manufacturing: 1900-1929," Economic History Association Meetings, September, 1981, Washington, D.C.
Discussant, Third Annual Middlebury College Conference on Economic Issues, April, 1981, Middlebury, VT.

TESTIMONY TO VERMONT LEGISLATIVE COMMITTEES:

House Ways and Means Committee, on tax policy in Vermont, March 24, 2009
House Ways and Means Committee, on impacts of capital gains tax change, February 13, 2008
Vermont's demographics and fiscal implications, House Ways and Means and House Education Committees, January 17, 2007
House Ways and Means Committee on impact of sales tax on Connecticut River Valley economy, Jan 11, 2006.
Senate Finance Committee May 7, 2004 on state taxes
"Sales Taxes in Vermont," Senate Finance Committee, April 23, 2003.
"Economic Development Initiatives in Vermont," Vermont Human Resources Investment Council, August 8, 2002
"The Economic Recovery: As Goes the Nation, So Goes Vermont?" Annual Statewide Collaborative Meeting of Community College of Vermont, VSAC, and VT Department of Employment and Training, April 16, 2002
Vermont Economic Progress Council, March 21, 2002, on economic development issues.
House Ways and Means Committee, February 27, 2001, on Vermont's sales tax and retailing along the Connecticut River Valley
Economic Development and Act 60, Statehouse Roundtable discussion, February 15, 2002
House General and Military Affairs, on housing and housing affordability issues, January 18, 2001
House General and Miliary Affairs, on housing issues facing Vermont, February 24, 2000
Economics and Housing, panel discussion for South Burlington Town planning meeting, October 7, 1999
Senate Education Committee, February 10, 1999, on economics of school choice
Vermont's economic future, presentation to The Commission on the Future of Vermont's Justice System, chaired by Chief Justice Amestoy, February 8, 1999
Senate General Affairs Committee, March 31, 1998, on rent control regulation of Vermont mobile home parks.
Senate Finance Committee, April 9, 1997, on implementing a general excise tax in Vermont.
House Education Committee, January 28, 1997, on socioeconomic indicators and school quality indicators.
Senate Finance Committee, February 9, 1996, on state tax policy.
Senate Education Committee, March 8, 1995, on education costs in Vermont.
House General and Military Affairs, March 8, 1995, on mobile home park rent regulation.
Senate Finance Committee, March 1, 1995, on education costs in Vermont.
Senate Finance Committee, March 30, 1994, on the impact of H.541 (House-passed property tax reform bill)

Senate Finance Committee, February 18, 1994, on the impact of sales taxes on the Connecticut River Valley economy.
Senate General Affairs Committee, January 18, 1994, on the impact of an increase in the state minimum wage.
Senate Education Committee, March 23, 1993, on costs of public education in Vermont.
Joint Money Committees (House Appropriations, House Ways and Means, Senate Finance, Senate Ways and Means), January 13, 1993, on current conditions and future outlook of state's economy.
Joint House and Senate Appropriations Committees, July 22, 1992, on state economic outlook.
House Commerce and House Ways and Means, January 16, 1992, on a proposed research and development jobs tax credit.
Joint Money Committees (House Appropriations, House Ways and Means, Senate Finance, Senate Ways and Means), January 15, 1991, on current conditions and future outlook of state's economy.
House Commerce Committee, January 24, 1991, on current conditions and future outlook of state's economy.

PRESENTATIONS RELATING TO THE VERMONTAND U.S. ECONOMY (including extended media interviews):

Vermont Federal Credit Union Senior Management on Vermont's economy, Sept 10, 2009
Vermont Chapter, American College of Surgeons, on health care economics, May 14, 2009
Mark Johnson Show, WDEV, on Vermont budget situation, May 4, 2009
Association of Vermont Credit Unions, on myths and realities of Vermont's economy, May 3, 2009
UVM Alumni Association of New York City, on current economic crisis, April 30, 2009
Lake Champlain Chamber of Commerce Government Affairs Committee on state economic conditions, April 1, 2009
Vermont Public Radio Commentary on recessions and depressions, February 10, 2009
Mark Johnson Show, WDEV, on state finances and impact of federal stimulus money, February 2, 2009
Vermont Public Television Board, on the current state of the Vermont economy, January 23, 2009
Vermont Society of CPAs Annual Meeting, on the current state of the Vermont economy, January 15, 2009
Mark Johnson Show, WDEV, on state economic outlook, January 12, 2009
Running Out of Energy: The Recession of 2009, 18th Annual Vermont Economic Outlook Conference (co-organizer), South Burlington, VT, January 9, 2009
Mark Johnson Show, WDEV, on Vermont economic issues, January 8, 2009
Panelist, Vermont This Week, special economic show, VPT, November 28, 2008
Vermont Business Roundtable Board of Directors on the current economic and fiscal situation, Burlington, Nov 14, 2008
Mark Johnson Show, WDEV, on economic issues, Nov 11, 2008
Fraser Institute Public Policy Forum on Environmental Economics, Toronto, Nov 8, 2008
Vermont Jumpstart Coalition for Financial Literacy on teaching about the current financial crisis to students, Nov 12, 2008
Panelist on the Credit Crisis sponsored by Lake Champlain Regional Chamber of Commerce, South Burlington, Oct 22, 2008
Vermont's Economy and Changing Demographics, Franklin Grand Isle Workforce Investment Board annual meeting , St. Albans, Oct 20, 2008
"Sustainability: A Critical Look" Sodexo Northeast Regional Meeting, Boston, MA, Oct 3, 2008
Panelist on symposium on The Credit Crisis, UVM, Oct 9, 2008
True North Radio, on economic and financial issues, Sept 29, 2008
The Financial Crisis, VPR Commentary, Sept 26, 2008
Brattleboro Chamber of Commerce, Vermont's Demographics and Fiscal Impacts, Sept 24, 2008

Springfield Economic Development Corp., Vermont's Demographics and Fiscal Impacts, Sept 24, 2008
Mark Johnson Show, WDEV, on financial crisis, Sept 18, 2008
Is Vermont's Population Too High? VPR Vermont Edition, Sept 18, 2008
Can Vermont Afford to Grow Old? presentation to AARP forum, Rutland, Sept 17, 2008
Mark Johnson Show, WDEV, on economic issues, August 25, 2008
Invited participant in Liberty Fund conference on the Entrepreneur in American History, Deer Valley, Utah, July 10-12, 2008
Economics of Interdependence, VPR Commentary, July 2, 2008
Lake Champlain Regional Chamber of Commerce Economic Development Committee, on state economic trends, June 19, 2008
Mark Johnson Show, WDEV, on current economic issues, June 16, 2008
My Vermont, series overview, VPR, June 9, 2008
Is Vermont Affordable? VPR Vermont Edition, May 20, 2008
Can Vermont Afford to Grow Old, presentation to AARP forum, UVM Davis Center, June 3, 2008
Vermont's Economic Future, VPR, May 19, 2008
Brattleboro Development Credit Corporation on State demographics and economics, May 6, 2008
Recession, VPR Commentary, April 17, 2008
Mark Johnson Show, WDEV, on state budget problems, April 16, 2008
Lake Champlain Island Chamber of Commerce Board Retreat, on national, state, and local economic conditions and forecast, April 9, 2008
Mark Johnson Show, WDEV, on housing prices and affordability, March 28, 2008
Livable Wages and Poverty in Vermont, VPR Vermont Edition, February 25, 2008
Mark Johnson Show, WDEV, on stimulus program, Feb 11, 2008
Vermont's Economic Future, Council on the Future of Vermont, January 18, 2008
Fraser Institute Public Policy Forum on Environmental Economics, Toronto, January 26, 2008
Good Times, Bad Times: The Uncertain Outlook in 2008, 17th Annual Vermont Economic Outlook Conference (co-organizer), South Burlington, VT, January 14, 2008
Economic Impacts of Demographic Changes in New England, New England States Government Finance Officers Association Annual Meeting, September 21, 2007
Vermont Education Finance, Mark Johnson show, WDEV, August 23, 2007
Vermont Demographics and their Fiscal Impacts, You Can Quote Me, WCAX, June 24, 2007
New England's Demographic Challenges, New England Governors-Eastern Canadian Premiers Annual Meeting, Charlottetown, PEI, June 26, 2007
Vermont's Changing Demographics, Stowe Rotary, June 14, 2007
Globalization Comes to Burlington, Vermont Elder Enrichment Program, April 23, 2007
Demographics and Fiscal Issues, Shelburne/Charlotte Rotary, March 21, 2007
Vermont's Changing Demographics, Vermont State Rotary, March 5, 2007
Vermont Economy, WBTN Manchester, February 23, 2007
Vermont's Changing Demographics, Across the Fence, WCAX, February 2, 2007
Fiscal Impacts of Vermont's Demographic Changes, 16th annual Vermont Economic Outlook Conference, January 12, 2007.
Demographics, Workforce, and Education, Vermont State College Board of Trustees, September 7, 2006
The Brain Drain (VT Public Television show), September 17, 2006
Demographic Changes in Vermont, Next Generation Commission, August 17, 2006
Demographic Changes in Vermont and Impacts on Education, Vermont State Board of Education, April 11, 2006
Demographics and Fiscal Impacts of Changing Demographics, New England Federal Credit Union annual meeting, March 22, 2006
Housing and the Economy, Northwest Vermont Board of Realtors, March 14, 2006

Presentation to Green Mountain Power Corporation Board of Directors on population and economic trends in Vermont, Dec 19, 2005

Vermont's Changing Demographics, keynote speech to Addison County Economic Development Corporation annual meeting, December 14, 2005

Impact of Changing Demographics on Vermont Schools, speech to Vermont Independent School Association, October 12, 2005

Panelist on Switchboard on VT Public Radio on Personal Finance and Financial Education, Sept 22, 2005

Interview on Mark Johnson radio show on WDEV on economic impact to Vermont of Hurricane Katrina Sept 6, 2005

Impact of Changing Demographics on Vermont Schools, speech to Lyndon Institute Board of Trustees, June 27, 2005

Demographics Issues Facing Vermont, speech to annual meeting of Lyndonville Savings Bank, May 25, 2005

Switchboard on Vermont Public Radio, September 2, 2004 (the state of workers and labor in Vermont)

Vermont This Week participant (Vermont Public Television) July 2, 2004 (on the Vermont economy)

Switchboard on Vermont Public Radio, March 25, 2004 (Vermont and the global economy)

"The Mark Johnson Show," WKDR Radio, January 24, 2003.

"The Outlook for Economic Recovery in Vermont in 2003, 12th Annual Vermont Economic Outlook Conference, South Burlington, January 10, 2003.

"The Mark Johnson Show," WKDR Radio, December 13, 2002.

"Economic Development in Vermont: Making Lemons Out of Lemonade," Annual meeting of the Rutland Chamber of Commerce, Rutland, October 22, 2002.

"Act 60 and Taxes," Shelburne Community Roundtable, October 27, 2002

"The Economic Outlook," Annual meeting of the Associated Industries of Vermont, September 19, 2002, Montpelier.

"The Flood of '27," Vermont Social Studies Summer Institute, UVM, July 1, 2002

"Economic Education and Vermont's Schools," South Burlington Rotary, May 15, 2002.

"The Vermont Economy in 2002," Montpelier Rotary, April 22, 2002.

The Economic Recovery: As Goes the Nation, So Goes Vermont?" Annual statewide collaborative strategy meeting of CCV, VSAC, and VT DET, Randolph, April 16, 2002.

"The Vermont Economy in 2002: Recession or Recovery," New England Federal Credit Union Annual Meeting, Williston, March 20, 2002.

"Economic Development in Vermont: Making Lemons Out of Lemonade," Rutland Chamber of Commerce, February 25, 2002.

Panelist on "Vermont This Week," Vermont Public Television, November 23, 2001.

"The Vermont Economy," Learning at Lunch, UVM Continuing Education, October 10, 2001.

"Community Economics," Center for Research on Vermont 25th Anniversary Lecture Series on Celebrating Vermont Research, Montpelier, October 3, 2001.

"The Mark Johnson Show," WKDR Radio, September 27, 2001.

"How the New Tax Law Affects Vermont," Springfield Hospital Foundation Health and Wealth Care Community Information Luncheon, Springfield VT, September 20, 2001.

"The Economy After the Bombing," Vermont Automobile Dealers Association Annual Meeting, Basin Harbor Club, September 17, 2001.

Panelist on "Vermont This Week," Vermont Public Television, July 6, 2001.

Panelist on "Vermont This Week," Vermont Public Television, June 22, 2001.

"Housing Issues in Rutland County, Rutland Board of Realtors, February 13, 2001.

"The Year Ahead," Northwest Vermont Board of Realtors, February 6, 2001.

"Outlook for Vermont in 2001," Vermont Home Builders and Remodelers Association Annual Meeting, January 9, 2001.

"The Mark Johnson Show," WKDR Radio, December 28, 2000.
"You Can Quote Me," WCAX-TV, December 10, 2000.
"Tomorrow's State Workforce: A Primer for Workforce Planning," Vermont Department of Personnel, Waterbury, November 7, 2000.
"Will Current Employment Trends Continue?" Vermont Association for Business, Industry, and Rehabilitation Annual Meeting, Montpelier, September 29, 2000.
"You Can Quote Me," WCAX-TV, September 24, 2000.
Panelist on "Vermont This Week," Vermont Public Television, July 7, 2000.
"The Mark Johnson Show," WKDR Radio, April 12, 2000.
Panelist on "Vermont This Week," Vermont Public Television, November 26, 1999.
"The Mark Johnson Show," WKDR Radio, September 28, 1999.
Panelist on "Vermont This Week," Vermont Public Television, July 2, 1999.
"Talk of Vermont," (Radio interview show), May 26, 1999.
"Employees of the Next Century," Vermont Association for Business Industry, and Rehabilitation, South Burlington, VT, May 26, 1999.
"The Exchange," (Radio interview show, NH and VT Public Radio), May 6, 1999.
"Vermont's Economic Future," annual meeting of Vermont Extension service, South Burlington, April 27, 1999.
"Talk of Vermont," (radio interview show), April 15, 1999.
"Vermont Economic Outlook: Where We've Been, Where We're Going," Annual Meeting of the New England Federal Credit Union, March 17, 1999.
"Vermont in 1999," Northwest Vermont Board of Realtors, March 2, 1999.
"Long Term Economic Trends in Chittenden County and Vermont," for the Strategic Planning Committee of the Burlington YMCA/Burlington Boy's and Girl's Club, February 17, 1999.
"Economic Trends in Vermont," for the Commission on the Future of Vermont's Justice System, February 8, 1999.
Panelist on "Vermont This Week," Vermont Public Television, November 27, 1998.
"The Mark Johnson Show," WKDR Radio, November 5, 1998.
"The Mark Johnson Show," WKDR Radio, July 7, 1998.
Panelist on "Vermont This Week," Vermont Public Television, July 3, 1998.
"Academic Challenge and Achievement at Stowe High School," Stowe School Board, Stowe VT, June 15, 1998.
"How Long Can the Good Times Last?," Northwest Vermont Board of Realtors, South Burlington, VT, April 16, 1998.
"Act 60 and Vermont's Economy," Vermont Business Roundtable semiannual winter meeting, Stowe, Vt, December 14, 1997.
Panelist on "Vermont This Week," Vermont Public Television, November 28, 1997.
"The People's Business," radio interview show on Act 60, WRPI (Rensalaer, NY), October 30, 1997.
"Live at 5," Community TV (Channel 17) presentation and discussion about Act 60, October 27, 1997.
"Forecast of the Vermont Economy," to the Vermont Credit Union League annual meeting, Montpelier, September 9, 1997.
Panelist on "Vermont This Week," Vermont Public Television, July 2, 1997.
Panelist on "Politics, Profits, and Policy," Vermont Business Roundtable semiannual meeting, Basin Harbor, June 12, 1997.
"A General Excise Tax for Vermont," Vermont chapter of the National Federation of Independent Businesses, Montpelier, April 17, 1997.
"Perspectives on the U.S. Economy From Vermont to the World," Middlebury College Economic Symposium, Middlebury, Vermont, March 7, 1997.
"Vermont's Economy: Where Are We Now; Where Are We Headed?" Associated General Contractors of Vermont annual meeting, Montpelier, Vermont, February 12, 1997.

"Vermont's Economy," Addison County Chamber of Commerce, Middlebury, Vermont, February 3, 1997.
Vermont This Week, panelist, November 22, 1996.
"The Economics of Health Care in Vermont," presentation to Vermont Dieticians' Association, South Burlington, Vermont, November 14, 1996.
"Vermont's Economy," Burlington Rotary, August 5, 1996.
Vermont This Week, VT-ETV, panelist, July 3, 1996.
"Tax Policy and the Economy," presentation to Vermont Economic Progress Council hearing, Montpelier, Vermont, May 20, 1996.
Vermont This Week, VT-ETV, special program on health care in Vermont, May 17, 1996.
"Vermont's Economy Today," keynote address to annual meeting of Factory Point National Bank, Manchester, Vermont, May 14, 1996.
"Land Preservation and the Economy," panel discussion at annual meeting of Vermont Land Trust, Brandon, Vermont, April 28, 1996.
"The Economy and Economic Development," Vermont Leadership Conference, Snelling Center, Grafton, Vermont, March 15, 1996
"Sales Taxes and the Connecticut River Valley Economy," Vermont chapter, American Legislative Exchange Council, Montpelier VT, February 21, 1996.
"As Goes the Nation, How Goes the Northeast?" North Eastern States Tax Officials Association Annual Conference, Burlington VT, October 9, 1995.
"Vermonters: Who We Are; How We Got Here," Leadership Champlain, Burlington VT, October 5, 1995.
"The State of the Regional Economy," Rutland Economic Development Authority, Sherburne VT, September 14, 1995.
"Are We Spending Too Much; and Why Are Our Costs So High?" Education/Property Tax Reform Public Forum, Stowe VT, July 26, 1995.
"The Education Expenditure Picture," Vermont Business Roundtable Annual Meeting, June 1, 1995.
"Education Costs and Public Finance," Leadership Champlain, Burlington VT, March 2, 1995.
"Budget and Spending Priorities in 1995," Orange County Republicans, Thetford VT, February 13, 1995.
"The Good Society in Vermont: The Income Dimension" Leadership Champlain Conference, Shelburne Farms, Shelburne VT, October 6, 1994.
"The Vermont Economy in 1994," Vermont Subcontractors Association, February 16, 1994, South Burlington, VT.
"The Cost of Education in Vermont," Vermont State Board of Education, December 21, 1993, Montpelier, VT.
"The Cost of Education in Vermont," Annual meeting of the Vermont Business Roundtable, December 16, 1993, Stowe, VT.
Vermont This Week, VT-ETV, panelist, December 10, 1993.
"In Touch," (radio interview) WJOY/WOKO, Burlington VT, November 14, 1993.
"The Cost of Education in Vermont," Annual meeting of the Vermont School Boards Association and Vermont Superintendents Association, November 4, 1993, South Burlington VT.
Vermont This Week, VT-ETV, panelist, September 17, 1993.
"The Vermont Economy," Switchboard, Vermont Public Radio, September 15, 1993, Colchester VT.
"Challenges Facing Vermont," panel discussion at Community College of Vermont Convocation, Burlington VT, August 20, 1993.
Vermont This Week, VT-ETV, panelist, July 16, 1993.
"Vermont Economic Outlook '93," moderator and presenter, Workshop at Vermont Business and Industry EXPO '93, South Burlington VT, May 26, 1993.
"The Jobless Recovery — and its Implications for Vermont," Vermont Economic Development Authority, May 21, 1993, Stowe VT.
"Economic Outlook for 1993," Vermont Subcontractors Association, March 17, 1993, South Burlington.
Vermont This Week, VT-ETV, panelist, February 19, 1993.

"Public Policy in Vermont: A View From the Outside," Leadership Champlain, Essex Junction VT, February 7, 1993.
"The Economy in 1993," Addison County Chamber of Commerce Legislative Breakfast, January 11, 1993, Middlebury VT.
"The Vermont Economy at Year's End," Vermont This Week, VT-ETV, December 18, 1992.
"The Vermont Economy," Forum 22, WVNY-TV, November 29, 1992, Burlington VT.
"The Election and the Economy," Essex Junction Rotary, November 4, 1992, Essex Junction VT.
"Canada's Referendum and its Impact on Vermont," WDEV and WDOT Radio (panel discussion), Waterbury and Burlington VT, October 23, 1992.
"A Nation at Risk: Canada and the Constitutional Dilemma," Fletcher Public Library (panel discussion), Burlington VT, October 8, 1992.
"What Can Income Changes Tell Us About Vermont's Past and Its Future?" Leadership Champlain Conference, St. Michael's College, Colchester VT, October 1, 1992.
"Chittenden County's Economy," 'You Can Quote Me,' WCAX-TV, August 2, 1992, Burlington, VT.
"The Vermont Economy at Mid-Year," Vermont This Week, VT-ETV, July 3, 1992.
"The Strengths and Weaknesses of Vermont's Economy and The Implications for Economic Development," Linkages: All Parties Summit on the Development of Vermont's Economy, June 26, 1992, Montpelier VT.
"The Economic Outlook for Vermont," Rutland Industrial Development Corporation annual meeting, June 3, 1992, Rutland VT.
"Vermont and New England Economies in the 1990s: What Does the Future Hold?" UVM Alumni "Back to School" Seminar, May 29, 1992, Burlington VT.
"The Vermont Economy," Jack Barry Show, WVMT, May 21, 1992, Colchester VT.
"Vermont's Economic Outlook: A Glance Back -- A Peek (A Peak?) Ahead," Women Business Owners of Vermont and New Hampshire, April 24, 1992, Stowe VT.
"The Current Vermont Economic Situation: Implications for Higher Education," Vermont Higher Education Council, March 20, 1992, Montpelier VT.
"The Cost of Local Control," Middlebury Union School District, January 12, 1992, Middlebury VT.
"The Vermont Economy: A View of '92," Vermont Advertising Club, January 9, 1992, Colchester VT.
"The Future of Vermont's Economy," Town Meeting Television (Cable 17), December 13, Burlington.
"A Look At The Vermont Economy: Where It's Been and Where It's Going," Williston Business and Professional Association, December 10, 1991, South Burlington VT.
"Retailing and Christmas Sales," 'You Can Quote Me,' WCAX-TV, December 1, 1991, South Burlington VT.
"The National and State Outlook," WKDR Radio, November 21, 1991, South Burlington VT.
"Construction in Vermont: When Will it Improve?" Vermont Subcontractors Association, November 20, 1991, Essex VT.
"Vermont's Economic Outlook: Can The Future Support Our Past?" Annual Meeting of the Vermont School Boards Association/Vermont Superintendents' Association, November 8, 1991, Fairlee VT.
"New England's Economic Environment," New England Refugee Assistance Program, November 7, 1991, Colchester VT.
"Economic Development in Tough Times," Vermont Smallholders Association, November 4, 1991, New Haven VT.
"Tourism and the Vermont Economy," Stowe Rotary, October 17, 1991, Stowe VT.
"Costs, Quality, and Efficiency in Vermont's Public Education," Vermont State Board of Education, October 15, 1991, Craftsbury VT.
"Building a New Vermont—Some Contemporary Perspectives," Leadership Champlain Conference (panel discussion), September 19, 1991, Burlington VT.
"The Vermont Economy: Implications For Higher Education," 1991 Vermont Financial Aid Training Program Conference (VT Assn. of Student Financial Aid Administrators and VT Student Assistance Corporation), July 12, 1991, Fairlee VT.

"The Entrepreneur and the Economy" Vermont Venture Capital Club, June 27, 1991, Burlington VT.
"Vermont's Economy: Why A Recession and When Will We Recover?" St. Albans Rotary, May 14, 1991, St. Albans VT.
"The Economy: Short-Term Changes/Long-Term Trends," Panel Discussion, Vermont Personnel Association, May 9, 1991, Montpelier VT.
"The Vermont Economy," Forum 22, WVNY-TV, April 28, 1991, South Burlington VT.
"Vermont's Economy," Vermont Chapter of Robert Morris Group, March 26, 1991, Stowe VT.
"Chittenden County's Economy," 'You Can Quote Me', WCAX-TV, February 16, 1991, South Burlington VT.
"Outlook for the Housing Industry in Vermont," Home Builders Association of Vermont, February 12, 1991, South Burlington VT.
"The Gulf War and the Vermont Economy," WKDR Radio, February 1, 1991, Winooski VT.
"The 1991 Construction Outlook in Vermont," Vermont Subcontractors Association, January 16, 1991, Burlington VT.
"The Vermont Outlook, 1991-1993," Vermont Government Finance Officers' Association, January 15, 1991, South Burlington VT.
"Vermont's Economy," WKDR Radio, December 11, 1990, Winooski VT.
"The Vermont Economy," New England Economic Project Economic Outlook, Boston MA (May 1988, November 1988, May 1989, November 1989, May 1990, November 1990).
"Vermont's Construction Environment 1991," Annual Meeting of Associated General Contractors of Vermont, December 4, 1990, Burlington VT.
"Vermont Economy '91," Vermont Interactive TV, November 27, 1990, South Burlington VT.
"The Economic Outlook 1991-1993," Annual Meeting of the Vermont School Boards Association/Vermont Superintendents' Association, November 16, 1990, Burlington VT.
"Vermont's Evolving Economic Identity: The Next Twenty Years," series on "We Vermonters," Center for Research on Vermont (National Endowment for the Humanities), November 14, 1990, Burlington.
"Current Trends in the Vermont Economy," Vermont Industrial Development Authority annual meeting, November 9, 1990, Stowe VT.
"The Current Vermont Economic Situation," Greater Burlington Industrial Corporation, October 23, 1990, Burlington VT.
"Vermont's Economy Today," Randolph Area Chamber of Commerce, October 23, 1990, Randolph VT.
"Education and the Future of Vermont's Economy," Conference on Reconstructing Schools, St. Michael's College, October 18, 1990, Colchester VT.
"The Vermont Economic Outlook and the Hospitality Industry," Annual Meeting of the Vermont Lodging and Restaurant Association, September 10, 1990, Stowe VT.
"The Vermont Economy," Viewpoint 93, WEZF Radio, June 1990, Colchester VT.
"Housing Trends in Vermont," South Burlington Rotary, June 1990, South Burlington VT.
"Forecasting Affordable Housing Needs," Second Annual Lieutenant Governor's Conference on Affordable Housing, June 1990, Brownsville VT.
"What the Numbers are Telling Us: A Look at Some Demographic, Social, and Economic Trends," Presentation to the Vermont Chapter, American Society for Public Administration, April, 1990, Montpelier VT.
"The Vermont Economy," Switchboard, Vermont Public Radio, March 1990, Colchester VT.
"The Vermont Economy," Presentation to the Associated General Contractors of Vermont, Annual Meeting, December 1989, South Burlington VT.
"Affordable Housing and Economic Development," Presented to Federal Reserve Bank of Boston Conference on Financing Affordable Housing in New Hampshire and Vermont, November 1 1989, Lebanon NH.

REFEREE:

American Review of Canadian Studies
Explorations in Economic History
Journal of Economic History
Greenwood Press (manuscript reviews)

CONFERENCES ORGANIZED:

"Running Out of Energy: The Recession of 2009," Eighteenth Annual Vermont Economic Outlook Conference, January 9, 2009, South Burlington, VT
"Good Times, Bad Times? The Uncertain Outlook for 2008", Seventeenth Annual Vermont Economic Outlook Conference, January 11, 2008, South Burlington VT
"Demographic Change and Vermont's Economic Future" Sixteenth Annual Vermont Economic Outlook Conference, January 12, 2007, South Burlington, VT
"2006 and Beyond: How Long Will Growth Continue?" Fifteenth Annual Vermont Economic Outlook Conference, January 13, 2006, South Burlington, VT
"Living in a Slow Growth Environment" Fourteenth Annual Vermont Economic Outlook Conference, January 15, 2005, South Burlington, VT
"Vermont in a Changed World Economy," Thirteenth Annual Vermont Economic Outlook Conference, January 9, 2004, South Burlington, VT.
"The Déjà vu Recovery," Thirteenth Annual Vermont Economic Outlook Conference, January 9, 2004, South Burlington, VT.
"Problems in a Slow Growth Economy," Twelfth Annual Vermont Economic Outlook Conference, January 10, 2003, South Burlington, VT.
"Vermont in a Changed World Economy," Eleventh Annual Vermont Economic Outlook Conference, January 11, 2002, South Burlington, VT.
"Prosperity.com and its Problems," Tenth Annual Vermont Economic Outlook Conference, January 19, 2001, South Burlington, VT.
"Vermont in the New Century," Ninth Annual Vermont Economic Outlook Conference, January 14, 2000, South Burlington, VT.
"The End of the Economic Expansion?," Eighth Annual Vermont Economic Outlook Conference, January 8, 1999, South Burlington, VT.
"Old Problems in the New Economy," Seventh Annual Vermont Economic Outlook Conference, January 9, 1998, South Burlington, VT.
"Economic Growth: Can It Solve Fundamental Problems of the Vermont Economy?" Sixth Annual Vermont Economic Outlook Conference, January 10, 1997, South Burlington, VT.
"The Vermont Economy: Limping Toward the Millennium" Fifth Annual Vermont Economic Outlook Conference, January 12, 1996, South Burlington, VT.
"Can Vermont Keep Growing...While the Nation is Slowing?" Fourth Annual Vermont Economic Outlook Conference, January 13, 1995, South Burlington, VT.
"What Kind of Recovery," Third Annual Vermont Economic Outlook Conference, January 7, 1994, South Burlington, VT.
"Riding Out The Recession," Second Annual Vermont Economic Outlook Conference, January 8, 1992, South Burlington VT.
"When Growth Resumes -- How Soon, How Strong? Vermont's Economic Outlook in 1992," January 17, 1992, Colchester VT.

GRANTS:

Implementation of Vermont Council on Economic Education (1999), Freeman Foundation ($150,000)
Development of Course Material for a Canadian Economic History Course, Canadian Embassy, Fall 1987, $4,500 (U.S.).
Development of Instructional Materials to Support the Teaching of Economics 100 and 200 (with R. Heaps), University of Vermont Institutional Incentive Grant Award, Summer 1982.
An Economic Analysis of the Coal Industry in the 1920s, University of Vermont Institutional Award, Summer 1981.