Curriculum Vitae

HOWARD ALLEN CHERNICK

Business Address:

Dept. of Economics

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Education: B.A., Johns Hopkins University, Economics, 1969

 Ph.D., University of Pennsylvania, Economics, 1976

Thesis: "The Economics of Bureaucratic Behavior: An Application to the Allocation of Federal Project Grants"

Positions:

1989-Present - Professor of Economics, Hunter College, and Member of the Graduate Faculty in Economics, City University of New York;

Spring, 2000- 2002- Invited Visiting Professor, Faculty of Political Economy, Université de Rennes 1, Brittany, France;

Fall, 1999- Visiting Professor of Public and International Affairs, Princeton University;

1997-98- Visiting Professor, Milano School of Public Policy at the New School for Social Research.

1998- Present. Research Affiliate, Institute for Research on Poverty, University of Wisconsin-Madison.

1889-90- Visiting Scholar, Russell Sage Foundation.

1982\_1989 Associate Professor of Economics, Hunter College, and Member of the Graduate Faculty in Economics, City University of New York.

1978\_1982 \_ Staff Economist, Office of Income Security Policy/Research, Office of the Assistant Secretary for Planning and Evaluation, U.S. Dept. of Health and Human Services

1976-1978 Senior Analyst, ABT Assoc. Inc.

1974\_1976 Staff Economist, Program Analysis and Review Unit, Division of the Budget, State of New York.

Fellowships and Awards

University Predoctoral Fellowship, University of Pennsylvania, 1969-73.

Fels Center of Government Fellowship, University of Pennsylvania, 1974.

Presidential Award for Excellence for applied Scholarship, Hunter College, 2005.

**Books.**

Resilient City: The Economic Impacts of the September 11 Attack on NYC. Russell Sage Foundation, August, 2005. Edited by Howard Chernick.

**Articles in Refereed Journals.**

“Tax Structure and revenue instability: The Great Recession and the states”, *IZA Journal of Labor Policy* 2014, **3**:3 doi:10.1186/2193-9004-3-3. (with Cordelia Reimers and Jennifer Tennant)

:Cigarette Trafficking in Five Northeastern U.S. Cities”, *Tobacco Control*, 2014, January, Volume 23, Issue 1. (with Kevin C. Davis, Victoria Grimshaw, David Merriman, Matthew C. Farrelly, Micaela H. Coady, Kelsey Campbell, Susan M. Kansagra)

“Using Littered Pack Data to Estimate Cigarette Tax Avoidance in New York City”, *National Tax Journal*, September, 2013: 66(3), 635-668. (with David Merriman)

Predicting the Impact of the U.S. Housing Crisis and “Great Recession” on Central City Revenues.” *Publius: The Journal of Federalism*, Summer, 2012 (with Andrew Reschovsky and Adam Langley)

“Revenue Diversification and the Financing of Large American Central Cities.” *Public Finance and Management* 11.2 (2011) 138-159. (with Andrew Reschovsky and Adam Langley)

“The Impact of the Great Recession and the Housing Crisis  on the Financing of America's Largest Cities.” *Regional Science and Urban Economics* 41 (2011) 372-381. (with Andrew Reschovsky and Adam Langley)

“State and Local Fiscal Progressivity: Consequences for Economic Growth.” *Public Finance Review*, July, 2010.

“Federal-StateTax Interactions in the U.S. and Canada.” Publius: The Journal of Federalism, Vol. 40, No. 3, Summer 2010, pp. 508-533. (with Jennifer Tennant)

“On the Determinants of Sub-National Tax Progressivity in the U.S.” National Tax Journal, March 2005.

“State Fiscal Responses to Welfare Reform During Recessions: Lessons for the Future." Public Budgeting and Finance, Vol 23, Number 3, Fall 2003, pp. 3-21. (With Andrew Reschovsky)

“The Long-run Fiscal Health of Central Cities: The Impact of Devolution”, Chicago Policy Review, 4(1): 1-23. Spring, 2000. (With Andrew Reschovsky) Reprinted in State Tax Notes, vol 19, no. 22, November 27, 2000.

"Fiscal Effects of Block Grants for the Needy: An Interpretation of the Evidence", International Tax and Public Finance, 5 (3): 205-233. 1998.

"Who Pays the Gasoline Tax?" National Tax Journal, June 1997 (with Andrew Reschovsky).

"Tax Progressivity and State Economic Performance," Economic Development Quarterly, August 1997.

"A Model of the Distributional Incidence of State and Local Taxes," Public Finance Quarterly, October 1992.

"The Taxation of the Poor", Journal of Human Resources, Fall, 1990. (with Andrew Reschovsky)

"The Distributional Politics of Fiscal Adjustment: A Case Study of Four Northeastern States", Public Budgeting and Finance, Volume 10, Number 3; Fall 1990 (with Andrew Reschovsky).

"Federal Tax Reform and the Taxation of Urban Residents", Public Finance Quarterly, April, 1989. (with Andrew Reschovsky).

"The Tax Treatment of Health Insurance Expenditures and the Demand for Medical Care," Journal of Health Economics, Vol. 6, 1987: 1-25. (with Martin Holmer and Daniel Weinberg**)**

"Comment on 'The Deductibility of State and Local Taxes'", National Tax Journal, March, 1987: 95-102. (with Andrew Reschovsky)

"Federal Tax Reform and State and Local Finance", Journal of Policy Analysis and Management, Vol 5, No. 4, June,1986: 683-706. (with Andrew Reschovsky)

"The Taxation of Social Security", National Tax Journal, June 1985: 141-152. (with Andrew Reschovsky)

"The Distributional Impact of Proposition 13: A Microsimu­lation Approach," National Tax Journal, June, 1982: 149-170. (with Andrew Reschovsky)

"Block Grants for the Needy: The Case of AFDC," Journal of Policy Analysis and Management, (1) January, 1982: 209-222.

"Price Discrimination and Federal Project Grants," Public Finance Quarterly, October, 1981: 371-394.

**Invited Contributions and Conference Proceedings**.

“The U.S. Grant System.” In Stephen Payson, Editor. *Public Economics: The Government’s Role in American Economics*, Westport, CT.: Praeger Publishers, forthcoming.

Central City Revenues after the “Great Recession”, *Land Lines Magazine*, Lincoln Institute of Land Policy, July 2012. (with Adam Langley and Andrew Reschovsky); reprinted as
"Central City Revenues After the Great Recession," La Follette Policy Report, Fall 2012.

“Tobacco Control Policies: The Effect on State and Local Taxes.” In *After Tobacco: What Would Happen if Americans Stopped Smoking?* Eds. Peter Bearman, Kathryn Neckerman, and Leslie Wright. 2011. 206-232. Columbia University Press. New York.

“A Reconsideration of the Optimal Assignment of Redistribution Under Fiscal Federalism,” National Tax Association Proceedings, 100th Annual Conference, Columbus, Ohio, 2008.

“Cigarette Excise Tax Revenues.” National Tax Association Proceedings, 100th Annual Conference, Columbus, Ohio, 2008.

“Economic Resilience, Fiscal Resilience and Federalism: Evidence from 9-11", in John M. Quigley and Larry A. Rosenthal, eds. Risking House and Home: Disasters, Cities, Public Policy. Berkeley: Berkeley Public Policy Press, 2007. (with Andrew Haughwout)

“Local Public Finance: Issues for Metropolitan Regions,” in Competitive Cities in the Global Economy, OECD, 2006. (with Andrew Reschovsky)

“Tax Policy and the Fiscal Cost of Disasters: NY and 9/11,” in National Tax Journal; National Tax Association Symposium: Big Ideas – the Morning After. Washington, DC. May 18-19, 2006. 59 (3), September. 561-578. (with Andrew Haughwout)

“Redistribution at the State and Local Level: Consequences for Economic Growth,”National Tax Association Proceedings, Ninety Seventh Annual Conference. Minneapolis, Minnesota, 2004. Reprinted in State Tax Notes, April 21, 2005. (with Paul Sturm)

“The Fiscal Effects of the September 11th Attack on NYC,” in Resilient City: The Economic Impacts of 9/11. Russell Sage Foundation, August, 2005. Edited by Howard Chernick.

“Tax Progressivity and the Distribution of Income in States: Which Causes Which?” *National Tax Association* *Proceedings*, Ninety Sixth Annual Conference. Chicago, Illinois, 2003: 259-265.

“The Decline in Welfare Receipt in New York City: Push vs. Pull,” Eastern Economic Journal, 30 (1), 2004. (with Cordelia Reimers)

“Fiscal equalisation between Swedish municipalities”, in Fiscal Federalism in Unitary States, Per Molander editor, ZEI Studies in European Economics and Law, Kluwer Academic Publishers, 2004, pp. 77-100. Also Available in Swedish, under title: “Ekonomisk utjäning mellan svenska kommuner”, SNS Förlag, Per Molander (red.), 2003.

“The Commuter Tax and the Fiscal Cost of Commuters in New York City,” *State Tax Notes*, Vol. 25, No. 6, August 5, 2002. (with Olesya Tkacheva)

“Financing Health, Education, and Welfare in the New South Africa,” La Follette Policy Report, Volume 12, Number 1, Spring-Summer 2001. (With Andrew Reschovsky) Reprinted in Government Finance Review, Fall, 2001.

“Welfare Reform and New York City’s Low-Income Population,” Economic Policy Review, Federal Reserve Bank of New York, Vol. 7, number 2, September, 2001, pp. 83-98. (With Cordelia Reimers)

“Yes! Consumption Taxes are Regressive”, Challenge Magazine, Vol. 43, No. 5, September/October, 2000. (With Andrew Reschovsky) Reprinted in State Tax Notes, Vol 19, No. 16, October 16, 2000.

“Federal Grants and Social Welfare Spending: Do State Responses Matter? National Tax Journal Forum, Vol 53, No.1, March, 2000.

“State Responses to Block Grants: Will the Social Safety Net Survive?”, in The End of Welfare?: Consequences of Federal Devolution for the Nation. Max Sawicky, editor, Economic Policy Institute and M. E. Sharpe (With Andrew Reschovsky). 1999.

“The States, Welfare Reform, and the Business Cycle”, in Welfare Reform and the Macroeconomy. Edited by Sheldon Danziger, The Upjohn Institute, Kalamazoo, MI. 1999. (with Therese McGuire).

“How to Restore Revenues in New York State,” State Tax Notes 15 (26), December 22. 1998.

“Fiscal Capacity in New York: the City versus the Region,” Proceedings of the National Tax Association Spring Symposium, 1998.

“Fundamental Tax Reform: Would there be a Race to the Bottom in State and Local Tax Incidence?” Proceedings of the National Tax Association, 91st Annual Meetings, Austin Texas, 1998. Also appears in State Tax Notes 15 (23), December 7, 1998.

"NAFTA and Subnational Redistribution in the United States," 1996 Proceedings of the Eighty-Ninth Annual Conference of the National Tax Association, at Boston, Massachusetts, November 10-12, 1996. Washington, D.C.: 1997. (with Tim Goodspeed)

"Urban Fiscal Problems: Coordinating Actions Among Governments," in The Urban Crisis: Linking Research to Action, Edited by Burton Weisbrod and James Worthy. Northwestern University Press: Evanston, Illinois, 1997, pp. 131-176. (With Andrew Reschovsky)

Shorter version appears in Government Finance Officers Review, Vol 11, Number 4, August, 1995.

"The Political Economy of State and Local Tax Structure," in Developments in Local Government Finance: Theory and Practice, Edited by Giancarlo Pola, George France and Rosella Levaggi. Edward Elgar: Cheltenham, UK, 1996, pp. 253-272. (with Andrew Reschovsky)

"Fiscal Effects of Block Grants for the Needy: A Review of the Evidence," National Tax Association Proceedings, Eighty-Eigth Annual Conference: San Diego, California, 1995.

"Measuring Consumption Tax Burdens: Revisiting the Annual Income- Lifetime Income Debate," National Tax Association Proceedings, Eighty-Eigth Annual Conference: San Diego, California, 1995. (with Andrew Reschovsky)

"Comments on 'Tax Exporting, Federal Deductibility, and Optimal Tax Structure", by Gilbert Metcalf, Journal of Policy Analysis and Management, Vol 12, Number 1: Winter, 1993.

"La distributione regionale della spesa pubblica negli Stati Uniti," 1992. (On the Regional Distribution of Federal Grants in the United States) in La Distribuzione Regionale Della Spesa Pubblica. Esperienze Internazionale, Formez, Quaderni Regionali 54, Napoli.

"Hispanic Employment in the Public Sector: Why is it Lower than Blacks'?" in Hispanics in the Labor Force: Issues and Policies, edited by Edwin Melendez, Clara Rodriguez, and Janice Barry Figueroa, Plenum Press, New York: 1991, 135-158. (with Cordelia Reimers)

“Who Pays the Taxes in New York City", in Charles Brecher and Raymond Horton editors, Setting Municipal Priorities 1988, New York University Press: 1988, 45-79.

"The Impact of the Reagan Tax Plan on State Government Finance", in Reforming State Tax Systems, Steven Gold ed., National Conference of State Legislatures, 1987: 143-160. (with Andrew Reschovsky)

"Tax Policies for Managing Urban Decline: A Microsimulation Approach," in Vernon Henderson, ed., Research in Urban Economics, Vol.III, Greenwich, Conn., JAI Press, Inc., 1983: 217-251 (with Andrew Reschovsky)

"Consequences of Limitations on Growth in the Property Tax Base," in Perspectives on Local Public Finance and Public Policy, Vol.I, John Quigley ed., JAI Press, Greenwich, Conn.: 1983, 217-251. (with Andrew Reschovsky).

"Do Tax Limitations Hurt the Poor: Inferences from California," in Tax and Expenditure Limitations, Jerome Rose editor, New Brunswick, N.J., Center for Urban Policy Research, 1982: 212-245 (with Andrew Reschovsky).

"An Economic Model of the Distribution of Project Grants," in Fiscal Federalism and Grants-in-Aid, COUPE Papers on Public Economics 1, Peter Mieszkowski and William Oakland, eds., the Urban Institute, 1979: 81\_103. Reprinted in The Economics of Fiscal Federalism and Local Finance, edited by Wallace E. Oates, in series The International Library of Critical Writings in Economics, Series Editor Mark Blaug. Edward Elgar: Cheltenham, United Kingdom, 1998.

"An Analysis of Project Aids", in State Aids for Human Services in a Federal System, Public Services Laboratory, May 1974, Selma J. Mushkin, ed, pp. 95-112.

Pre-Publication:

“Tax Structure and Revenue Instability,” (with Cordelia Reimers and Jennifer Tennant) mimeo, 2013.

“Welfare Reform and Economic Well-Being in New York City: The Jury is Still Out,” Presented at the 2007 Research Conference of the Association of Public Policy and Management, Washington, D.C., November. (with Cordelia Reimers)

“State Fiscal Substitution between the Federal Food Stamp program and AFDC, Medicaid, and SSI”, prepared for the US Department of Agriculture Small Grants Conference, Oct. 14-15, 1999.

“Lost in the Balance: How State Policies Affect the Fiscal Health of Cities,” Discussion Paper, Center on Urban and Metropolitan Policy, The Brookings Institution, March 2001. (with Andrew Reschovsky)

"Economic Principles, Economic Pressures, and the Evolution of Federalism," Prepared for a conference on "The New Federalism and the Emerging Role of the States", University of Illinois, September 19-20, 1996.

Reports:

“Municipal Amalgamation in Montreal, Canada,” prepared for review of municipal governance in Quebec, by the Territorial Division of the Organization for Economic Cooperation and Development, Paris, France, 2004.

“Fiscal Federalism and Municipal Amalgamation in Canada”, prepared for review of regional policy in Canada, by the Territorial Division of the Organization for Economic Cooperation and Development, Paris, France. Summer, 2001.

“The Horizontal Allocation of the Equitable Share of Nationally Raised Revenues for the Financing of the Social Sector,” Chapter prepared for the Financial and Fiscal Commission Project 2001, Republic of South Africa.

“Community Development, Race and Ethnicity, and Urban Public Finance”, Prepared for the Aspen Institute Roundtable on Comprehensive Community Initiatives for Children and Families, Nov. 1998.

"State Responses to Block Grants: Will the Social Safety Net Hold?", *The LaFollette Policy Report*, 7(2), Spring/Summer 1996. (with Andrew Reschovsky); reprinted in "Monitoring the effects of the new federalism", a special issue of *Focus*, University of Wisconsin-Madison, Institute for Research on Poverty, 18(1), 1996.

"Wide Cast for Safety Net: Over Time, Middle Class as Well as Poor Rely on Entitlement Help," Economic Policy Institute Briefing Paper, 1996.

"The Distributional Effects of Raising the Retirement Age for Social Security and Partially Indexing Benefits", Economic Policy Institute Working Paper No. 115, May 1996. (with Edward Wolff).

"Urban Fiscal Problems: Coordinating Actions Among Governments," *The LaFollette Policy Report*, 7(1), Fall 1995. (with Andrew Reschovsky)

"Deductibility of State and Local Taxes and the Fiscal Competitiveness of Large Cities", prepared for the New York City Office of Economic Development, May, 1986.

"The Impact of the Tax System on the Elderly", prepared under contract with the National Institute on Aging, September, 1986 (with Andrew Reschovsky).

"Real Property Taxation in New York City: The Need for Immediate Reform," A Report Prepared for the City Project, February, 1992.

"Federal Tax Reform and New York State Taxes: The Windfall", prepared for New York State Public Employee Conference, 1986.

Reviews:

The Twenty Year Century, by Felix Rohatyn, Journal of the American Institute of Planners, Summer, 1984

Economic Theory and the Cities, by J. Vernon Henderson, American Planning Association Journal, Winter 1987.

America's Ailing Cities: Fiscal Health and the Design of Urban Policy, by John Yinger and Helen Ladd, and The Two New Yorks: State-City Relations in the Changing Federal System, edited by Gerald Benjamin and Charles Brecher, Journal of Policy Analysis and Management, Summer, 1990.

Current Research:

- Housing Bubbles and City Finance

- Distributional politics and state and local taxation

- The Relationship between Subnational Growth and Fiscal Incidence

- Fiscal Capacity and Expenditure Needs in Metropolitan Areas

- Race and Community Development

- Distribution and Entitlement Policy

- Fiscal Federalism, Block Grants, and Welfare Financing

Journal Reviews

Journal of Human Resources, Urban Studies, National Tax Journal, American Economic Review, Public Finance Quarterly, Regional Science and Urban Economics, Review of Economics and Statistics, Journal of Public Economics, Journal of Policy Analysis and Management, Economic Development Quarterly, International Tax and Public Finance.

Scandinavian Journal of Economics, Public Budgeting and Finance, Publius, Journal of Regional Science.

Other Professional Activities:

- Consultant, State Urban Role Project, directed by Selma J. Mushkin, under contract to DHEW, 1971.

- Development and management of a research project conducted by the Urban Institute for the Dept. of Health and Human Services, to evaluate the effects of state and local expenditure and tax limitations on human service financing.

- Consultant to a project on the productivity effects of State Formula Grants, conducted by the Public Policy School of the State University of New York at Stony Brook, 1978\_79.

- Advisory Panel, Multi\_Regional Policy Impact Simulation Model Project, Social Welfare Research Institute, Boston College, 1985

- Consultant, New York City Office of Economic Development, 1985.

- Research Associate under grant awarded to Professor Cordelia Reimers, Department of Economics, Hunter College, on Public Employment of Hispanics

- Consultant, New York State Public Employees Conference, 1986-1991, Local 237, United Brotherhood of Teamsters, 1990.

- Member, Advisory Panel on National Urban Policy, National Association of State Universities and Land Grant Colleges, 1987-88.

- National Tax Association-Tax Institute of America: Property Taxation Committee, 1988-1990.

- Member, Advisory Committee on Property Tax Reform, City of New York, 1990.

- Member, Economics Advisory Committee to H. Carl McCall, Comptroller, State of New York, 1996.

- Award Committee, National Tax Association Competition for Outstanding Doctoral Dissertations in Government Finance and Taxation.

- Association of Policy Analysis and Management Representative, Selection Committee for annual award in honor of Steven Gold.

- Chair, Program Committee, Ninety-First Annual Conference on Taxation, National Tax Association, Austin, Texas, November, 1998.

- Consultant, New York City Independent Budget Office, 1997-98.

- Consultant, Campaign for Fiscal Equity, in School Finance law suit against the state of New York, “Campaign for Fiscal Equity v. State of New York, et al,” 1999.

-Technical Advisor, Financial and Fiscal Commission, Republic of South Africa, 1999-2002

-Distinguished Visitor, Fiscal Research Program, Andrew Young School of Policy Studies, Georgia State University, 2000.

-Expert Adviser, Organization for Economic Cooperation and Development, territorial review of Canada, 2001, Montreal, 2003, Sweden, 2008.

-Member of International Team affiliated with The Center for Business and Policy Studies, Stockholm, Sweden; analysis of Swedish constitutional issues as they relate to fiscal federalism, 2001.

-Consultant, the World Bank, “Improving the Fiscal Health of Large Indian Cities,” 2006-2008.

-Member of Research Team, SOLITER project on metropolitan finance in France, Univ. of Rennes and Univ. at Aix-en-Provence, 2009-2011.

- Munk School of Global Affairs, University of Toronto. Keynote Speaker, “Cities in the U.S. and Around the World: Getting the Finances Right.” January, 2011.

**Boards of Directors**

Structured Employment Economic Development Corporation, 2013-

Institute on Taxation and Economic Policy - Citizens for Tax Justice, 1999-

National Tax Association, 2000-2003.

Editorial Board, *Economic Development Quarterly*, November, 2001 - 2004.

**Research Grants and Funded Projects**:

“The Housing Market and the Fiscal Condition of America’s Cities.” MacArthur Foundation, 2013-2015, ($450,000). (with Andrew Reschovsky and Sandra Newman)

“The Impact of the Great Recession on the State and Local Sector”, Russell Sage Foundation, 2011. ($43,000) (with Cordelia Reimers)

“The Impact of the Great Recession on the State and Local Sector”, Faculty Research Grant, Research Foundation, City University of New York; 2011 (special high award grant)

“Using Littered Pack Data to Estimate Cigarette Tax Avoidance in New York City.” New York City Department of Health and Mental Health, 2008. ($10,000) (with David Merriman)

“Using Littered Pack Data to Estimate Cigarette Tax Avoidance in New York City.” 2008. Robert Wood Johnson Foundation. ($20,000); (with David Merriman)

“Tobacco Control Policy: Implications for State and Local Tax Revenues.”, 2006. The American Legacy Foundation, through Columbia University.

Co-director, “The Recovery of New York City from the 9/11 Terrorist Attack”, The Russell Sage Foundation,2002-2004.

“The effect of welfare reform on Low-Income households in New York City,” Institute for Research on Poverty, University of Wisconsin-Madison, 2001. (with Cordelia Reimers)

“The effect of Immigration on Public Assistance Costs in New York City”, Luce Foundation through the New School for Social Research (with Cordelia Reimers) 1999-2000. (with Cordelia Reimers)

“The Impact of devolution on the Fiscal Health of Cities,” The Brookings Institution, 1998. (With Andrew Reschovsky)

“State Budgetary Behavior and the Fiscal Interactions between Food Stamps, TANF-AFDC, Medicaid, and SSI,” Small Grant Competition, Joint Center for Poverty Research, Northwestern

University/University of Chicago.

“Race-Ethnicity, Urban Public Finance, and Community Development” The Aspen Institute Roundtable on Comprehensive Community Initiatives, 1998

“Measuring the Fiscal Health of New York City,” Independent Budget Office, City of New York, 1997.

"The Fiscal Effects of Intergovernmental Financing for the Needy", Department of Health and Human Services, through the Institute for Research on Poverty, University of Wisconsin-Madison, 1996-97.

"Assessing the Fiscal Implications of Block Grants for Welfare," Smith Richardson Foundation, 1997. ($50,000)

"The Long Run Incidence of Cuts in Entitlement Programs", Economic Policy Institute, 1995.

"Tax and Expenditure Redistribution and State Economic Performance," Economic Policy Institute, 1994.

"Permanent Income and Long-Run Tax Burdens on the Poor", Russell Sage Foundation, 1990 (with Andrew Reschovsky).

"The Impact of the Reagan Tax Reform Plan on Cities and Suburbs", New York City Office of Economic Development, 1985.

"Intergovernmental Grants and Local Fiscal Equity", City University of New York Faculty Research Grant, 1985.

"The Impact of Taxes on the Poor", Institute for Research on Poverty Small Grants Program, 1985. (with Andrew Reschovsky)

"The Distributional Impact of the New York City Income Tax," New York City Office of Economic Development, 1984.

"The Distributional Impact of Local, State, and Federal Taxes in New York State," City University of New York, Faculty Research Grant, 1983\_1984.

"The Impact of Taxes on the Elderly," from National Institute on Aging, with Andrew Reschovsky, Tufts University, 1982\_1984.

Languages: Fluent in French.