ALICE MITCHELL RIVLIN CURRICULUM VITAE

CURRENT POSITION

Jul	ly 1999 – Present	Senior Fellow, Economic Studies Program, Brookings Institution
-	ptember 2003- esent	Visiting Professor, McCourt School of Public Policy, Georgetown University
	<u>US POSITIONS</u> 13-2015	Director of the Engelberg Center for Health Care Reform and Leonard D. Schaeffer Chair in Health Policy Studies
202	10-2011	Simpson-Bowles Commission on the Federal Budget (appointed by President Obama)
203	10-2011	Co-chair with Senator Pete Domenici, Bipartisan Policy Center's Debt Reduction Task Force
200	02 – 2009	Director of the Greater Washington Research Program, Brookings
200	01 –May 2003	Henry J. Cohen Professor, Robert J. Milano Graduate School of Management and Urban Policy, New School University
1/2	2001 -8/2002	Co-Director Brookings-Greater Washington Research Program,
9/9	98 – 9/01	Chair District of Columbia Financial Assistance and Management Authority
6/9	96 – 7/99	Vice Chair Board of Governors of the Federal Reserve System
10/	/94 - 6/96	Director Office of Management and Budget, The White House
1/9	93 - 10/94	Deputy Director Office of Management and Budget, The White House

	1/92 -	1/93	Hirst Professor of Public Policy George Mason University		
	7/87 -	12/92	Senior Fellow The Brookings Institution		
	Spring	g 1988	Visiting Professor J.F. Kennedy School of Government, Harvard University Director, Economic Studies Program The Brookings Institution		
	1983 -	87			
	1975 -	83	Founding Director, Congressional Budget Office		
	1969 -	. 75	Senior Fellow, Economic Studies Program The Brookings Institution		
	1968 -	69	Assistant Secretary for Planning and Evaluation U.S. Department of Health, Education and Welfare		
	1966 -	- 68	Deputy Assistant Secretary for Program Coordination U.S. Department of Health, Education and Welfare		
	1958 -	66	Senior Staff Economist, Economic Studies Program The Brookings Institution		
1961 - 62 1957 - 58 1954 - 57		62	Staff Member Advisory Commission on Intergovernmental Relations (On leave from The Brookings Institution)		
		- 58	Research Fellow, Economic Studies Program The Brookings Institution		
		. 57	Teaching Fellow and Tutor in Economics Harvard University		
EDUCATION DI DI C. D. LUSS C. H. 1059					
	Ph.D. M.A. B.A.	Economics Economics Economics	Radcliffe College Radcliffe College Bryn Mawr College	1958 1955 1952	

AWARDS AND SELECTED HONORARY DEGREES

Paul A. Volcker Lifetime Achievement Award for Economic Policy, 2015

The President's Medal from Indiana University, 2015

Economic Club of New York Leadership Award, 2015

Cosmos Club Annual Award, April 2014

National Academy of Social Insurance, Robert Ball Award, 2013

Inaugural Daniel Patrick Moynihan Excellent in Government Prize

William F. Butler Award for Excellence in Business Economics, 2004

Lifetime Achievement Award, D.C. Chamber of Commerce, 2004

Barnard Medal of Distinction, Barnard College, 2002

Elliot L. Richardson Prize for Excellence in Public Service, 2002

LL.D., Harvard University, 2001

MacArthur Foundation Prize Fellowship, 1983-87

LL.D., University of the District of Columbia, 1999

Doctor of Science, New Jersey Institute of Technology, 1998

LL.D., Yale University, 1984

Doctor of Science, University of Indiana, 1976

LL.D., University of Maryland, 1975

LL.D., University of Michigan, 1975

AFFILIATIONS

Robert Wood Johnson Foundation Commission on a Healthier America (Co-chair, 2014)

American Economic Association

Council on Foreign Relations

Committee for A Responsible Federal Budget (Director)

Congressional Budget Office (Panel of Economic Advisors)

D.C. Chamber of Commerce (Governing Board)

D.C. Public Charter School Association

Dumbarton Concerts, Inc. (Board member)

Economic and Social Research Institute (Advisory Panel)

Ford Foundation (Community and Resource Advisory Committee)

Morris and Gwendolyn Cafritz Foundation (Director)

National Academy of Public Administration

National Academy of Social Insurance

New School University Center for New York City Affairs (Advisory Board)

New York Stock Exchange Euronext (Director)

Public Agenda (Director)

University of Pennsylvania Urban Research Institute (Advisory Board)

U.S. Government Accounting Office (Advisory Board)

PAST AFFILIATIONS

BearingPoint (Director)

Committee on Maximizing the Potential of Women in Academic Science and Engineering, National Academy of Sciences (Member)

D.C. Appleseed Center (Director)

D.C. Comprehensive Housing Strategy Task Force (Co-Chair)

Ryder Systems (Director)

Southeastern University (Advisory Panel)

TJ International (Director)

Union Carbide Corporation (Director)

Unisys Corporation (Director)

Washington Post Company (Director)

The Wilderness Society (Chair, Governing Council)

PERSONAL DATA

Date of Birth: March 4, 1931

Spouse: Sidney Graham Winter

Children: Catherine, Allan and Douglas Rivlin

Previous marriage: Lewis A. Rivlin, 1955-77

PUBLICATIONS

BOOKS

Systematic Thinking for Social Action, Washington, D.C.: The Brookings Institution, 2015.

<u>Restoring Fiscal Sanity: 2007: The Health Spending Challenge</u> (co-edited with Joseph R. Antos), Washington, D.C.: Brookings Institution, 2007.

Restoring Fiscal Sanity: Meeting the Long-Run Challenge (co-edited with Isabel Sawhill), Washington, D.C.: Brookings Institution, 2005.

<u>Restoring Fiscal Sanity: How to Balance the Budget</u> (co-edited with Isabel Sawhill), Washington, D.C.: Brookings Institution, 2004.

<u>Beyond the Dot.Coms: The Economic Promise of the Internet</u> (co-authored with Robert E. Litan), Washington, D.C.: The Brookings Institution, 2001.

<u>The Economic Payoff from the Internet Revolution</u> (co-edited with Robert E. Litan), Washington, D.C.: The Brookings Institution, 2001.

Reviving the American Dream: The Eonomy, the States and the Federal Government, Washington, D.C.: The Brookings Institution, 1992.

<u>Caring for the Disabled Elderly: Who Will Pay?</u> (with Joshua Wiener), Washington, D.C.: The Brookings Institution, 1988.

<u>Economic Choices 1987</u> (with Henry J. Aaron, Harvey Galper, Joseph A. Pechman, George L. Perry, Charles L. Schultze). Washington, D.C.: The Brookings Institution, 1986.

<u>The Swedish Economy</u> (co-editor with Barry P. Bosworth). Washington, D.C.: The Brookings Institution, 1987.

<u>Economic Choices 1984</u> (editor and contributor). Washington, D.C.: The Brookings Institution, 1983.

<u>Ethical and Legal Issues of Social Experimentation</u> (co-editor with Michael Timpane). Washington, D.C.: The Brookings Institution, 1975.

<u>Planned Variation in Education: Should We Give Up Or Try Harder?</u> (co-editor with Michael Timpane). Washington, D.C.: The Brookings Institution, 1975.

<u>Setting National Priorities: The 1974 Budget</u> (with Charles L. Schultze, Edward R. Fried, Nancy H. Teeters). Washington, D.C.: The Brookings Institution, 1973.

New Approaches to Public Decision-Making. Canada: Economic Council of Canada, 1972.

<u>Setting National Priorities: The 1973 Budget</u> (with Charles L. Schultze, Edward R. Fried, Nancy H. Teeters). Washington, D.C.: The Brookings Institution, 1972.

<u>Setting National Priorities: The 1972 Budget</u> (with Charles L. Schultze, Edward R. Fried, Nancy H. Teeters). Washington, D.C.: The Brookings Institution.

Systematic Thinking for Social Action. Washington, D.C.: The Brookings Institution, 1971.

<u>The U.S. Balance of Payments in 1968</u> (with Walter Salant and others). Washington, D.C.: The Brookings Institution, 1963.

<u>Measures of State and Local Fiscal Capacity and Tax Effort</u> (with Susan Mushkin). U.S. Advisory Commission on Intergovernmental Relations, 1962.

<u>Microanalysis of Socioeconomic Systems: A Simulation Study</u> (with Guy Orcutt and others). Harpers, 1961.

<u>The Role of the Federal Government in Financing Higher Education</u>. Washington, D.C.: The Brookings Institution, 1961.

SUPERVISED PREPARATION OF . . .

<u>Financing the Nation's Capital</u> (The Report of the Commission on Budget and Financial Priorities of the District of Columbia). Washington, D.C., November 1990.

Numerous reports of the Congressional Budget Office, 1975-83.

<u>Toward a Long-Range Plan for Federal Financial Support for Higher Education</u>. U.S. Department of Health, Education and Welfare, January 1969.

Toward A Social Report. U.S. Department of Health, Education and Welfare, January 1969.

<u>Medical Care Price: A Report to the President</u>. U.S. Department of Health, Education and Welfare, February 1967.

SELECTED ARTICLES AND PAPERS

"In defense of centrists," The Brookings Institution, February 27, 2018

"Congress: Take a timeout from playing the political blame game," The Hill, January 29th, 2018

"The budget deal: The center holds," The Brookings Institution, February 9, 2018

"Pete Domenici: The senator of a bygone era," Politico, December 28, 2017

"Insurer competition in rural areas: A bipartisan challenge," Alice M. Rivlin and Caitlin Brandt, August 9, 2017, The Brookings Institution

"Republicans' wrong approach to tackling Medicaid," Real Clear Health, July 24, 2017

"How Republicans can save their health care legacy," The Brookings Institution, July 5, 2017

"Seeking a policy response to the robot takeover," Real Clear Markets, May 2, 2017

"Trump must recognize that national power goes beyond the military," with Michael E. O'Hanlon, The Hill, April 4, 2017

"Don't undermine the Congressional Budget Office. Use it." The Washington Post, March 13, 2017

"Credit rating agency reform is incomplete," with John B. Soroushian, The Brookings Institution, March 6, 2017

"How has Obamacare impacted state health care marketplaces," with Michael Morrisey, Richard P. Nathan, Mark Hall, The Brookings Institution, February 9, 2017

Why revealing the ACA before replacing it won't work, and what might," with Loren Adler, and Stuart M. Butler, The Brookings Institution, December 13, 2016

- "Progress on health care will take hard work and bipartisan cooperation," The Brookings Institution, October 6, 2016
- "Early assessment of competition in the health insurance marketplace," with Michael A. Morrisey, Richard P. Nathan, Caitlin Brandt, The Brookings Institution, January 19, 2016
- "Health policy issues and the 2016 presidential election," with Robert D. Reischauer, The Brookings Institution, November 18, 2015
- "Proposal for improving the congressional budget process," with Pete V. Domenici, The Brookings Institution, July 17, 2015
- "Strengthening Medicare for 2030 A working paper series," with Dana Goldman, Willem Daniel, Robert Reischauer, Etienne Gaudette, Gail Wilensky, Gary Burtless, Henry J. Aaron, Paul B. Ginsburg, Bryan Tysinger, and Alwyn Cassil, The Brookings Institution
- "Health policy issue brief: Improving health while reducing cost growth, what is possible?" with Mark B. McClellan, The Brookings Institution, April 11, 2014
- "Bending the curve: Person-centered health care reform a framework for improving care and slowing health care cost growth," Alice Rivlin, et al., The Brookings Institution, April 29, 2013
- "Rethinking Federalism for more effective governance," Alice M. Rivlin, Oxford Academic Journals, June 12, 2012
- "Curing health care: The next president should complete, not abandon, Obama's reform," The Brookings Institution, May 4, 2012
- "Premium support: A primer," with Henry J. Aaron, James C. Capretta, Pete Domenici, Ron Haskins, The Brookings Institution, December 16, 2011
- "A Pathway To The Middle Class: Migration And Demographic Change In Prince George's County," with Brooke DeRenzis, The Brookings Greater Washington Research Program, April 2007.

Committee on Maximizing the Potential of Women in Academic Science and Engineering, National Academy of Sciences, National Academy of Engineering, and Institute of Medicine, Beyond Bias and Barriers: Fulfilling the Potential of Women in Academic Science and Engineering (Washington, DC: The National Academies Press, 2006).

- "Targeting Urban Development," *Communities & Banking* (Boston: Federal Reserve Bank of Boston, Winter 2006).
- "Edging Toward Equity: Creating Shared Opportunity in America's Regions," Report from the Conversation on Regional Equity (CORE), July 2006.
- "What Can We Do About the "Twin" Deficits?," in Richard W. Kopcke, Geoffrey M. Tootell,

and Robert K. Triest, eds., *The Macroeconomics of Fiscal Policy* Cambridge, Mass: MIT Press, 2006), pp. 349-54.

"Managing Through the Fiscal Rapids," *Government Executive* (Journal of the National Academy of Public Administration), Fall 2004.

"Free Money," Foreign Policy (September/October 2004), 45-46.

"Greed, Ethics, and Public Policy," Public Integrity (Fall 2003), vol. 5, no. 4.

"Revitalizing Washington's Neighborhoods: A Vision Takes Shape," Brookings Greater Washington Research Program Discussion Paper, April 2003.

"Another State Fiscal Crisis: Is There a Better Way?" (with Carol O'Cleireacain), Brookings Welfare Reform & Beyond Policy Brief Series, No. 23 (December 2002).

"A Sound Fiscal Footing for the Nation's Capital: A Federal Responsibility," Brookings Greater Washington Research Program Discussion Paper, October 2002.

"Challenges of Modern Capitalism," *Regional Review*, Federal Reserve Bank of Boston, Q3 2002.

"Will the Recovered Economy Still Be a New Economy," in Donna K. Gintler and Madeline Zavodny, eds., *Technology, Growth and the Labor Market*, sponsored by the Federal Reserve Bank of Atlanta and the George State University Andrew Young School of Public Studies, chap. 11, pp. 11-16 (Boston: Kluwer Academic Publishers, 2002).

"On Receiving the Elliott Richardson Prize for Public Service," *Brookings Review*, vol. 20, no. 4, Fall 2002.

Comment on "Does Gentrification Harm the Poor?" (Jacob Vigdor), in William Gale and Janet Rothberg Pack, eds., *Brookings-Wharton Papers on Urban Affairs*, July 2002).

Comment on "U.S. Monetary Policy During the 1990s" (N. Gregory Mankiw), in Jeffrey A. Frankel and Peter R. Orzag, eds., *American Economic Policy in the 1990s* (Cambridge, Mass.: MIT Press, 2002).

Comment on "The 'New Economy': Background, Historical Perspective, Questions, and Speculations" (J. Bradford DeLong and Lawrence H. Summers), *Economic Policy for the Information Economy*, A Symposium Sponsored by the Federal Reserve Bank of Kansas City, Jackson Hole, Wyoming, August 30-Sept. 1, 2001.

"Envisioning a Future Washington" (with Carol O'Cleireacain), Brookings Greater Washington Research Brief, June 2001.

"The Challenges of Affluence," <u>Business Economics</u> (Journal of the National Association for Business Economics, vol. XXXVI, no. 1, January 2001.

"The Economy and the Internet: What Lies Ahead?" (with Robert E. Litan) <u>Brookings Policy</u> Brief, Conference Report no. 4, Brookings Institution, December 2000.

"Seizing the Economic Opportunity: Beware Candidates Promising Everything," <u>Brookings</u> <u>Review</u>, vol. 18, no. 4, Spring 2000.

"Sustaining the Good Economic News," <u>Brookings Review</u>, vol. 17, no. 4, Fall 1999...

"Optimal Supervision and Regulation of Banks," in George G. Kaufman, ed., <u>Bank Reform Five Years Later and Five Years Ahead</u>. FDICIA. Research in Financial Services: Private and Public Policy, vol. 9. Greenwich, Conn. and London: JAI Press, 1997, pp. 133-40.

"Rationalism and Redemocratization: Time for a Truce," in Adam M. Finkel and Dominic Golding, eds., Worst Things First" The Debate over Risk-Based National Environmental Priorities. Washington, D.C.: Resources for the Future, 1994.

"Beyond Alliances: Global Security Through Focused Partnerships" (with General David C. Jones, USAF, Ret. and General Education C. Meyer, USA, Ret. A Study funded by The John D. and Catherine T. MacArthur Foundation and The Rockefeller Foundation. October 1990.

"Simulating Policy Alternatives for Long-Term Care: An Example of the Orcutt Approach," <u>Journal of Economic Behavior and Organization</u>, Vol. 14, No. 1, September 1990.

"Understanding Economic Policy: A Citizen's Handbook" (with Carol G. Cox). Washington, D.C.: League of Women Voters Education Fund, 1990.

"The Case for Common Shared Taxes," NTA Forum, Fall 1990.

"Wanted: A New State-Level Tax to Prepare Us for the 21st Century,: A Commentary," Governing, April 1990.

"The Continuing Search for A Popular Tax," <u>The American Economic Review</u>, Vol. 79, No. 2, May 1989.

"Insuring Long-Term Care," (with Joshua M. Wiener). George L. Maddox and M. Powell Lawton, eds., <u>Annual Review of Gerontology and Geriatrics</u>, Vol. 8, 1988.

"Economic Policy" (with Paul H. O'Neill, W. Michael Blumenthal and James D. Robinson, III), American Agenda: Report to the Forty-First President of the United States of America. Washington, D.C.: America Agenda, Incorporated.

- "Who Should Pay for Long-Term Care for the Elderly?," <u>The Brookings Bulletin</u>, Vol. 6, No. 3, Summer 1988.
- "Systematic Analysis of Defense Issues: The Role of the Congress," <u>Naval War College Review</u>, Vol. XLI, No. 4, Seq. 324, Autumn 1988.
- "Economics and the Political Process," (Presidential address delivered at the ninety-ninth meeting of the American Economic Association, December 29, 1986, New Orleans, Louisiana), The American Economic Review, Vol. 77, No. 1, March 1987.
- "The Tax Reform Act," <u>The Senior Economist</u>, Vol. 2, No. 2, Spring 1987.
- "Unsnarling the Process: Seven Ways to Improve Economic Policymaking," <u>Public Welfare</u>, Vol. 45, No. 3, Summer 1987.
- "The Need for a Better Budget Process," <u>The Brookings Bulletin</u>, Vol. 4, No. 3, Summer 1986.
- "Thoughts on Public Expenditures," <u>Eastern Economic Journal</u>, Vol. XI, No. 1, Ja nuary-April 1985.
- "Reform of the Budget Process," <u>The American Economic Review</u>, May 1984; available as The Brookings Institution General Series Reprint No. 402.
- "Why and How to Cut the Deficit," The Brookings Bulletin, Vol. 2, No. 4, Summer 1984.
- "The Political Economy of Budget Choices: A View from Congress," <u>The American Economic Review</u>, May 1982.
- "Income Distribution -- Can Economists Help?," <u>The American Economic Review</u>, May 1975; available as The Brookings Institution General Series Reprint No. 307.
- "How Can Experiments Be More Useful," <u>The American Economic Review</u>, May 1974; available as The Brookings Institution General Series Reprint No. 290.
- "Social Policy: Alternate Strategies for the Federal Government," Presented and published as Woytinsky Lecture No. 3. Michigan: The University of Michigan, 1973; available as The Brookings Institution General Series Reprint No. 288.
- "Experimentation in Urban Education" (Spaulding Lecture delivered March 1971), <u>Issues in Urban Education</u>. New Haven, Connecticut: Yale University, 1972.
- "New Approaches to Public Decision-Making," Special Study No. 18 prepared for the Economic Council of Canada, January 1972.

- "Why Can't We Get Things Done," The Brookings Bulletin, Vol. 9, No. 2, Spring 1972.
- "Rethinking the Role of the Federal Government in Elementary and Secondary Education for the Seventies," with Robert W. Hartman, <u>Needs of Elementary and Secondary Education for the Seventies</u>, Washington, D.C.: U.S. House Committee on Education and Labor, March 1970.
- "Growth and Change in Higher Education," with June O'Neill, <u>Proceedings of the Academy of Political Science</u>, Spring 1970.
- "Education, Politics, and Federal Aid," <u>The Progressive</u>, October 1970. "Social Goals and Federal Support of Higher Education: The Implications of Various Strategies,"
- with Jeffrey H. Weiss, U.S. Joint Economic Committee, <u>Compendium of Papers on The</u>
 Economics of Higher Education in the United States, 1969.
- "The Planning, Programming and Budgeting System in the Department of Health, education, and Welfare: Some Lessons from Experience," Subcommittee on Economy in Government of the U.S. Joint Economic Committee, 91st Congress, 1st Session, Compendium of Papers on the Analysis and Evaluation of Public Expenditures: The PPB System, Vol. 3, Pt. V, 1969; available as The Brookings Institution Reprint No. 162.
- "Population Growth and the American Economy," F.X. Quinn (ed.) <u>Population Ethics</u>, Corpus Books, 1968.
- "Privacy, Poverty, and Old Age," with John C. Beresford, Demography, Vol. 3, No. 1, 1966. Reprinted in Jeffrey K. Hadden and Marie L. Borgatta, Editors, <u>Marriage and the Family: A Comprehensive Reader</u>, F.E. Peacock Publishers Inc., 1969.
- "Critical Issues in the development of Vocational Education," <u>Unemployment in a Prosperous Economy</u> (William G. Bowen and Frederick C. Harbison, eds.), Princeton, 1965; available as The Brookings Institution Reprint No. 112.
- "Characteristics of Other Families," with John C. Beresford, Demography, Vol. 1, No. 1, 1964.
- "Research in the Economics of Higher Education: Progress and Problems," Selma J. Mushkin (ed.) <u>Economics of Higher Education</u>, Washington, D.C.: U.S. Department of Health, Education, and Welfare, 1962; available as The Brookings Institution Reprint No. 63.
- "An Economic and Demographic Model of the Household Sector: A Progress Report" (with Guy H. Orcutt), National Bureau of Economic Research, New York, <u>Demographic and Economic</u> Change in Developed Countries, Princeton: Princeton University Press, 1960.

RECENT CONGRESSIONAL TESTIMONY

"The high cost of budgetary paralysis," Senate Committee on Homeland Security and Government Affairs' Subcommittee on Federal Spending Oversight and Emergency Management, February 6, 2018

"Rising Debt – Not a Crisis, but a Serious Problem to be Managed," Joint Economic Committee, September 8, 2016

"Examining the financing and delivery of long-term care in the US," House Committee on Energy and Commerce, Subcommittee on Health, March 1, 2016

"Biennial Budgeting: A First Step toward Budget Process Reform," House Committee on the Budget, November 18, 2015

"Why Debt Matters", House Committee on financial Services, March 25, 2014.

"Balancing Multiple Mandates", House Committee on Financial Services, December 12, 2013.

"Growing the Economy and Stabilizing the Debt" Joint Economic Committee, March 14, 2013.

"The Case for Preserving Federal Reserve's Dual Mandate," House Financial Services Committee, May 8, 2012.

Oral Testimony, Joint Select Committee, November 1, 2011.

"Rescuing the Budget Process," House Budget committee, September 21, 2011.

"Employment, Growth and the Budget," Senate Budget, September 20, 2011.

Committee on Oversight and Government Reform, Subcommittee on Health Care, DC, Census and Archives, May 12, 2011

"Making Medicare, Medicaid and Social Security in the Long Run", House Budget Committee, March 17, 2011.

"Case for Fiscal Autonomy for D.C.", House Subcommittee on Federal Workforce, Postal Services and D.C. November 18, 2009

Testimony before the Subcommittee on Oversight of Gov't Management, the Federal Workforce and the District of Columbia, Committee on Homeland Security and Governmental Affairs, U.S. Senate, July 18, 2006.

"Program Coordination and Capital Budgeting, Committee on Education, Libraries, and Recreation, Council of the District of Columbia, April 11, 2005.

"Hearing on the Structural Imbalance in the District of Columbia," U.S. Senate, Committee on Appropriations, Subcommittee on the District of Columbia, June 22, 2004.

Joint Testimony of the Mayor, Council, and Financial Authority of the District of Columbia, Joint Hearing before the U.S. House of Representatives Committee on Government Reform, Committee, Subcommittee on the District of Columbia; and the U.S. Senate Committee on Oversight of Government Management, Restructuring, and the District of Columbia, June 8, 2001.

"Fiscal Year 2002 District of Columbia Financial Plan and Budget," U.S. House of Representatives, Committee on Appropriations, Subcommittee on the District of Columbia, May 23, 2001.

"The Budget Outlook and Tax Policy," Senate Budget Committee, February 8, 2001.

Year-End Wrap-Up Hearings, Committee on Government Reform, Subcommittee on the District of Columbia, January 21, 2000.

OTHER TESTIMONY

"The Affordable Care Act and designing the District of Columbia's health benefits exchange," Testimony before the Health Committee of the District of Columbia Council, May 13, 2013