

CURRICULUM VITAE

JEREMY J. STONE

OFFICE 307 Massachusetts Avenue, NE
Washington, D.C. 20002

HOME 5615 Warwick Place
Chevy Chase, Maryland 20815

BORN November 23, 1935

EDUCATION Swarthmore College, A.B. 1957 (High Honors in Mathematics)

Stanford University, Ph.D. 1960 (Mathematics)

Swarthmore College, Doctor of Laws, (Honorary Degree) June, 1985

HONORS AND AWARDS:

Fellowships from:

Social Science Research Council (summer, 1956, and academic year, 1957-1958)

National Science Foundation (academic year, 1958-1959, and 1959-1960)

Social Science Research Council Post doctoral Fellow in Economics (1968-1969)

Science and Society Award, Forum on Physics and Society, American Physics Society.

FAS Public Service Award for 1994;

PROFESSIONAL EXPERIENCE:

National Bureau of Standards, (summer 1957)

Consultant, RAND Corporation. (summer 1958)

Research Mathematician, Stanford Research Institute (September 1960 - March 1963)

Professional Staff, Hudson Institute (March 1962 - February 1964) Research Associate,

Harvard Center for International Affairs, Harvard University (June 1964 - June 1966)

Assistant Professor, Pomona College, Claremont, California (September 1966-1968)
 Visiting Scholar, Department of Economics, Stanford University, Stanford, California,
 (Social Science Research Council Postdoctoral Fellow; 1968-1969)
 International Affairs Fellow, Council on Foreign Relations (1969-1970)

PUBLICATIONS

Theses:

Two-Person Non-Zero-Sum Games B.A. Swarthmore College

Exponential Polynomials on Commutative Semigroups, Ph.D., Stanford University, 1960.

Books:

Containing the Arms Race: Some Specific Proposals (Cambridge: M.I.T., 1966)

Strategic Persuasions: Arms Limitations Through Dialogue (Columbia University Press, November, 1967).

Research Institute Reports:

A Mathematical Study of Arbitrage, the RAND Corporation, P-1478, September 2, 1958.

The Cross-Section Method, an Algorithm for Linear Programming. The RAND Corporation, P-1490, September 15, 1958.

A Proposal To Share The Control of Some United States-Based Minutemen With Certain NATO Countries. Hudson Institute, HI-265-DP, July 19, 1963.

Arms Control and Civil Defense, "The Question of Crisis Evacuation", Hudson Institute, HI-216-RR/I, August 20, 1963. N.Y.

Anti-Ballistic Missiles and Arms Control, Hudson Institute, HI-314-P, December 12, 1963.

Monographs and Papers:

"The Case Against Missile Defenses", Adelphi #47, Institute for Strategic Studies, London, April, 1968.

"ABM: The Issues Raised and Questions Unanswered." *Ripon Forum* Special Safeguard Supplement, (May 1969).

"Current Freeze Agenda", Harvard Conference on Nuclear Freeze, (January 15, 1983)

"Only Congress Can Authorize First Use", U. of Chicago Olin Center, (June 8, 1984)

"Ballistic Missile Holiday/Interim Freeze", Pugwash Conference, (June 1984)

FAS Public Interest Reports Written by Stone:

New Improved Federation Management	October 1970
Unemployment of Scientists & Engineers: 2 Points	November 1970
FAS Strategic Weapons Committee Responds to ASC	December 1970
ABM Rationale Shifting Again: SS-9 Production Down	January 1971
Privacy of Communications in American Life	February 1971
America and the Use of Force	March 1971
FAS Testifies on Bomber Defenses	April 1971
Senate and House Armed Services Committee Hearings	May 1971
FAS Deflates R&D Scare in Unprecedented Hearing	June 1971
No First Use of Nuclear Weapons	October 1971
Attempted Revival of Counterforce	November 1971
Special Issue of ORSA ABM Report	December 1971
Special Issue on Complete Test Ban	January 1972
Special Issue on Air War	February 1972
Legislative Right to Know	March 1972
FAS Charges Administration Misrepresents Soviet Threat	April 1972
Developing an Urban-Industrial Complex	May 1972
FAS Sends First American Delegation of Scientists to China	June 1972
SALT Comes to Congress	October 1972
The Intelligence Community: Time For Review	December 1972
Improving Relations Between Scientists	January 1973
Energy Policy/ FAS Calls for Energy Reorganization	February 1973
FAS Warns Against Misallocations of R&D	March 1973
Law of the Sea	April 1973
Automobile Pollution Control	May 1973
Occupational Health and Safety	June 1973
World Food Production/ Food: Morality of the Politics of Scarcity	September 1973
The Responsibility of Scientists under Detente	October 1973
U.S. Agriculture Policy	November 1973
Controlling the Executive Branch	December 1973
Oil/The Arab Oil Boycott: A Blessing in Disguise?	January 1974
Solution to Counterforce: Land-Based Missile Disarm	February 1974
The Military Budget and SALT	March 1974
National Health Insurance	April 1974
Special Updating Issue: Health, Detente, Strategy, Food, Oceans	May 1974
Presidential Transcripts: Do They Show Criminal Behavior?	June 1974
Moscow Test Ban Treaty/Fas Urges Reopening Negotiations	September 1974
Inflation/Wage Price Controls	October 1974

Voting in Senate Committees: Unkept Records Reflect Violated Rules	November 1974
Naval General Purpose Forces	December 1974
Nuclear Power: Three Schools of Thought Content (Nuclear Reactors)	January 1975
Scientists in the White House	February 1975
Can Nuclear Energy Survive Public Scrutiny? (2nd nuclear reactor issue)	March 1975
Limited Strategic Attacks	April 1975
Nuclear Power: Background	May-June 1975
First Use and Hiroshima	September 1975
Nuclear Policy Ballot	October 1975
First Use	November 1975
Helsinki & the Soviet Scientists	December 1975
Working at Home for Scientists Abroad	January 1976
Organizational Reflections	February 1976
On a Method of Helping Colleagues Abroad: The American	March 1976
Recombinant DNA	April 1976
Cancer & the Environment	May 1976
Test Ban: Presuppositions of Successful Negotiations/DNA Poll Results	June 1976
World Food Reserves	September 1976
Proliferation: What Can and Can't Be Done	October 1976
World Federation of Scientific Workers Revisited	November 1976
To Whom Are Public Interest Scientists Responsible?	December 1976
Health of Science: Attracting the Best of the Young	January 1977
Are We Threatened by Soviet Civil Service?	February 1977
The Two Points of View (on Arms Control)	March 1977
The Warnke Nomination. How It Went	April 1977
Defense of Western Europe: Five Proposals	May 1977
Charged Particle Beam; B-1 Law Suit; DNA; Science for Citizens	June 1977
Historic Eskimo Conference Coincides with Oil Pipeline	September 1977
Can Scientists Help the Animal Kingdom?	October 1977
Brazilian Scientists and Students Resist Repression	November 1977
Israeli-Arab Confrontation From the Side Under Siege	December 1977
Autumn Washington with a Grain of SALT	January 1978
Science for Peace in the Middle East	February 1978
Solar Energy: Handle Urgently But with Care	March 1978
Linking SALT to Ethiopia or Unlinking It from Detente?	April 1978
Booms, Earthquakes, and Concorde	May 1978
Time for the Comprehensive Test Ban	June 1978
MX and SALT	September 1978
Civil Service Reform	October 1978
After SALT II, What?	November 1978
Libya	December 1978
SALT & General Seignious	January 1979
Pros and Cons of SALT for Doves	February 1979
Both Hawks & Doves Should Insist on Reductions of MIRVed ICBM	March 1979

National Security Planning Gone Loony? (Defense Planning)	April 1979
Controversies of the H-Bomb and SALT	May 1979
FAS Terms MX, the ABM of the 1980s	June-July 1979
SALT II Agreement Being Denuded of Arms Control Benefits	September 1979
Vietnam & Cambodia & Scientific Exchange	November 1979
SALT III Emerging out of SALT II	December 1979
Afghanistan and Oil Forcing U.S. Reappraisals	Jan-Feb 1980
FAS Adopts Sakharov	March 1980
Changing Driving Habits via the Day-A-Week Plan	May 1980
PD-59 and Command and Control (electromagnetic pulse)	October 1980
Strategic Petroleum Oil Reserve	November 1980
Reagan Administration: Problems and Opportunities	January 1981
Nuclear War Is National Suicide	February 1981
Four Approaches to the Arms Race	May 1981
European Disarmament Movement Really Wants Unilateral Disarmament	December 1981
The Andrei Sakharov Affair	January 1982
German Security Issues	February 1982
Nuclear Weapons Freeze	April 1982
On The Way to No-First-Use	May 1982
Effective Use of SALT II	June 1982
Two Approaches to Security	October 1982
Reciprocal Visits by U.S.-U.S.S.R. Political Leaders	February 1983
Arms Control Scams and Legislating Arms Control	May 1983
Saga of the MIRV Flight-Test Ban	September 1983
U.S.-Soviet Relations Setback by KAL 007 Disaster	October 1983
FAS Visit to Moscow Initiates Star Wars Dialogue	December 1983
U.S.-Soviet Forum on Nuclear Winter/Soviet ABM Paper	January 1984
Peace and the Pecking Order,	February 1984
The Argentine Return to Democracy	April 1984
Common Ground: Presidential First Use is Wrong	September 1984
Taunting Pandora: Abandoning SALT II and Pressing Star Wars	October 1984
NATO Consultation on First-Use	November 1984
Strategic Defense Initiative/Two Roads to Security	March 1985
Geneva, Nuclear Winter, Star Wars, and SALT II	April 1985
Arms Control in Exile: Carter and Ford Convene	May 1985
Test Ban	September 1985
Open Letters on Summit	December 1985
No-First-Use By One Decision Maker	January/February 1986
FAS Reopens Dialogue with China	March 1986
Peru at a Final Crossroads	April 1986
When Will Chile Find Its Way Back to Democratic Rule?	October 1986
The Moscow Forum	March 1987
The Question Gorbachev Poses: What Do We Want?	May 1987
30th Anniversary of the Pugwash Movement	October 1987

The Summit, Security in the Pacific Rim and North Korea	January 1988
Gorbachev and the International Foundation	March 1988
Korean Attitudes Toward Dialogue	April 1988
The Buenos Aires Oath	May 1988
Preventing the Return of the Khmer Rouge	April 1989
Scientific Exchange with Vietnam	May 1989
Thailand	October 1989
Andrei Sakharov	February 1990
Second Visit to Cambodia	March 1990
Middle East Arms Control	March/April 1991
Naval Nuclear Arms Control	May/June 1991
Sibling Institutes: Enhancing U.S.-Soviet Cooperation	July/August 1991
Cambodian Factions Seize the Rudder	September/October 1991
North Korea: Hermit Kingdom Faces Hard Choices	November/December 1991
Revisiting Zero Ballistic Missiles	May/June 1992
Peru: Desperately Ill and Confronting Maoist Mafia	July/August 1992
Voyage to the Eye of the Yugoslav Hurricane	May/June 1993
Arms Control in South Asia	March/April 1994
Atomic Spies?: The Implosion of the Sudoplatov Charges	May/June 1994
Arrogation by Atomic Scientists of the Left and Right	July/August 1994
Atomic Scientists Appeal: Stop Working on Further Nuclear Weapons	September/October 1995
50th Anniversary Issue	November/December 1995
The World Court & The Legality of Use of Nuclear Weapons	January/February 1996
FAS Invents a Promising Plan for Reunifying China	May/June 1996

Articles:

- "An Experiment in Bargaining Games," *Econometrica* 26 (.958) North-Holland Publishing Co., Amsterdam.
- "A Continuous Poker Game," *The Duke Mathematical Journal*, Vol.27, No. 1, (March 1960).
- "A Symmetric Continuous Poker Model," *Journal of Research of the National Bureau of Standards-B. Mathematics and Mathematical Physics*, Vol. 64B, No. 1 (March 1963).
- "Multiple Burst Error Correction," *Information and Control*, Vol. 4, No. 4 (December 1961).
- "Multiple Burst Error Correction With the Chinese Remainder Theorem," *J. Soc. Industrial Appl. Math.*, Vol. II No. 1 (March 1963)
- "Arms Race or Disarmament," *Bulletin of the Atomic Scientists*, (September, 1964)
- "Bomber Disarmament," *World Politics*, Vol. XVII, No.1 (October, 1964).
- "Containing the Arms Race," *Bulletin of the Atomic Scientists*, (November, 1965).
- "Proliferation: Where's the Danger?" *Bulletin of the Atomic Scientists*. (November, 1965).
- "Whither the Arms Race?" *The Correspondent*. (Winter 1965)

- "Keeping the Lid on Nuclear Weapons," (with Carl Kaysen) *The New Republic*. (January, 1966).
- "Minutes from Armageddon," (Book Review of Elie Abel's *Missile Crisis*) *The New Republic*. (March 5, 1966).
- "The McNamara Story Continues," *Bulletin of the Atomic Scientists*. (April, 1966).
- "Arms Control: Can China be Ignored?" *The China Quarterly*. (April-June, 1966); to be published in Morton H. Halperin, ed., *Sino-Soviet Relations and Arms Control*, (Cambridge: M.I.T.).
- "ABM--The Nest M.I.F.," *Bulletin of the Atomic Scientist* (September, 1966)
- "Nike-X: Who Needs It?" *The New Republic*. (June, 1966), Reprinted in *Survival*. (September, 1966).
- "The Scientist and Disarmament," *The Moscow News*. (October 8, 1965).
- "The Futility of Bombing," *Commonweal*, (December 23, 1966).
- "The Anti-Missile Folly," *The New Leader* (January 2, 1967).
- "What is Arms Control?" *Hudson-Pergamon Arms Control Annual*, (1967).
- "The View From Iron Mountain," *S.F. Examiner & Chronicle* (December 10, 1967).
- "Disobedience Now: An Exchange of Views" *Commonweal*. (July 14, 1967).
- "Cutting the Nuclear Gordian Knot," Guest Editorial, *War and Peace Report* (June-July, 1969).
- "Freeze the Arms Race at Once," *Moscow News*, (November 1, 1969).
- "The First Nuclear War?" *War and Peace Report*, (November, 1969).
- "Congress Needn't Hold Back Because of SALT Talks," *Washington Post* "Outlook" Section, (December: 21, 1969).
- "When and How to Use SALT," *Foreign Affairs* (January, 1970).
- "Environment Council Could Ask ABM Move," *Environmental Action* (June 4, 1970).
- "After Cambodia: The Fight to Save Face," *Commonweal* (August 7, 1970).
- "Multiple Warheads in Search of a Mission," *Boston Globe* (September 4, 1970).
- "MIRV- By Its Threat Alone- Has Made Itself Obsolete," *Los Angeles Times* (September 8, 1970).
- "Its Militarily Ineffective," *The Atlanta Journal*, (August 27, 1977).
- "Let's Send Our Senators to Moscow," *Washington Post*, (December 4, 1977).
- "Bread from the Waters," *New York Times*, (April 29, 1978).
- "Linking SALT to Ethiopia or Unlinking it from Detente," *Bulletin of the Atomic Scientists*, (June, 1978).
- "An Arms Race in Reverse," *Washington Post*, (December 31, 1978).
- "Early Warning Signals from the Lab," *Newsday*, (May 20, 1979).
- "Two Paths in Nuclear Strategy," *Washington Post*, (September 16, 1980).
- "Scientists & International Politics," *Chemical & Engineering News*, Vol. 58, (April 21, 1980).
- "The Freeze is Not a Joke," *Washington Post*, (March 19, 1982).
- "The 'Experts' Can't Ignore Demands for a Nuclear Freeze Forever," (November 7, 1982).
- "Barter the MX," *New York Times*, (February 14, 1983).
- "Let Our Senators Go! (To Russia)," *Washington Post*, (March 27, 1983).

- "Arms: We Should Talk Now," *Washington Post*, (April 14, 1983).
- "Scowcroft Folly: Missiles Before Arms Control," *The Boston Globe*, (April 19, 1983).
- "Missiles: Will We Ever Learn?," *Los Angeles Times*, (May 12, 1983).
- "Who's Afraid of the Big, Bad SS-20," *Los Angeles Times*, (June 23, 1983).
- "Tinkering with Build-down," *Los Angeles Times*, (October 21, 1983).
- "Building Down to a Letdown," *Washington Post*, (October 27, 1983).
- "Quitting Arms Control: the Bluff May Backfire," *Los Angeles Times*, (April 1, 1984).
- Three-part series on Sakharov, *Los Angeles Times*, (May 27, 28, 29, 1984).
- "Sakharov: A Scientist's Rebellion," *Herald Tribune*, (May 29, 1984).
- "Whose Finger is on the Button," *Los Angeles Times*, (September 9, 1984).
- "Presidential First Use is Unlawful," *Foreign Policy* (September, 1984).
- "Anti-Missile Defense for Utopia," *Los Angeles Times*, (January 16, 1985).
- "Bear Hug," *Washington Post*, (March 17, 1985).
- "Star Wars Defense is No End to Offense," *Los Angeles Times*, (March 28, 1985).
- "Can Hawks Learn to Love Arms Limits?," *Los Angeles Times*, (March 28, 1985).
- "Arms Race May be Peeking Out," *Los Angeles Times* (May 22, 1986).
- "Let's Do All We Can For Gorbachev," *The New York Times*, February 6, 1989).
- "U.S. Policy Punishes Cambodian Survivors," *Los Angeles Times*, (March 15, 1989).
- "World's Isolation of Cambodia Only Invites Pol Pot's Return," *Los Angeles Times*, with William Colby (April 7, 1989).
- "Block the Khmer Rouge," *Washington Post*, with William Colby (April 28, 1989).
- "Thailand Can Become the Key to Restraining the Khmer Rouge," *Los Angeles Times*, (October 23, 1989).
- "Secret US War in Cambodia," *New York Times*, (November 16, 1989).
- "Accomplices to a New Genocide," *Washington Post*, (December 3, 1989).
- "Playing into Pol Pot's Hands," *Washington Post*, with William Colby, (December 10, 1989).
- "The Vanishing Logic of our Cambodian Policy," *The Baltimore Sun*, (December 19, 1989).
- "Making Sakharov Immortal," *Los Angeles Times*, (January 13, 1990).
- "No More U.S. Money for Cambodia's War," *Washington Post*, (February 19, 1990).
- "Our Blind Eye on the Butchers," *Los Angeles Times*, (May 18, 1990).
- "Only a Speedy Alliance Can Stop the Butchers," *Los Angeles Times*, (August 1, 1990).
- "If Congress is Afraid to Declare War...," *New York Times*, (August 19, 1990).
- "SDI-We Don't Need It," *Washington Post*, with John Pike (October 22, 1991).
- "Reagan's Reykjavik Idea Revisited," *Los Angeles Times* (March 22, 1992).
- "Save Peru From Sendero," *Washington Post*, (July 28, 1992).
- "Break the Siege of Sarajevo," *Washington Post*, with William Colby, (January 15, 1993).
- "When Nuclear Weapons Are Summoned Into Court," *International Herald Tribune*, (October 31, 1995).
- "Customary Law is Anti-Nuclear," *International Herald Tribune*, (November 13, 1995).

CONGRESSIONAL AND OTHER TESTIMONY

March 11, 1971, Subcommittee on Bomber Defense, Committee on Armed Services, U.S. Senate, Re: Bomber Defenses.

March 23, 24, 1971, Committee on Armed Services, House of Representatives Re: FY 1972 Defense Procurement Authorization Bill H.R. 3818

May 19, 1971, Subcommittee on Research and Development, House Armed Services Committee, Re: Research and Development.

May 28, 1971, Atomic Energy Commission, Re: Cannikin Nuclear Test.

January 27, 1972, Committee on Foreign Relations, U.S. Senate, Re: Seabed Treaty.

June 19, 1973, Subcommittee on Minerals, Materials, Fuels and Mining, Committee on Interior and Insular Affairs, U.S. Senate, Re: Law of the Sea

June 12, 1974, Subcommittee on Europe, House Committee on Foreign Affairs, Re: Detente.

April, 1976, Subcommittee on International Political and Military Affairs, House International Relations Committee, Re: Establishing a Congressional Commission the Helsinki Accord

March 16, 1977, Subcommittee on Arms Control, Oceans, and International Environment, Committee on Foreign Relations, U.S. Senate, Re: National Security Implications of Current Strategic Options.

May 4, 1977, Subcommittee on Science and Technology, House Committee on Science and Technology, Re: Recombinant DNA.

January 23, 1978, Subcommittee on Select Education, House Committee on Education and Labor, Re: Conference on the Humanities.

July 18, 1978, Congressman Harkin, Re: Scharansky and Science Policy.

October 5, 1978, Dispac Subcommittee, House Committee on Science and Technology, Re: Human Rights.

November 9, 1978, General Advisory Committee (GAC), Arms Control and Disarmament Agency, Re: After SALT, What?

January 26, 1979, Committee on Foreign Relations, U.S. Senate, Re: Confirmation Hearings of General Seignious to be Director of ACDA.

July 12, 1979, Committee on Foreign Relations, U.S. Senate, Re: SALT II Treaty.

January 24, 1980, Subcommittee on Public Lands, House Interior and Insular Affairs, Re: MX Missile.

July 10, 1981, Committee on Foreign Relations U.S. Senate, Re: Confirmation Hearings of General Edward Rowny to be Director of ACDA.

March 17, 1982, Hearings on the Full Implications of the Military Budget, Re: The Strategic and Tactical Assumptions of the Military Budget: Weapons Escalation versus Disarmament.

May 13, 1982, Committee on Foreign Relations, U.S. Senate, Arms Control Hearings.

December 13, 14, 1982, Freeze Hearings, Re: A Salt II-Based Freeze.

January 31, 1983, President's Commission on Strategic Forces, Re: Salt II.

April 22, 1983, Subcommittee on Strategic and Theater Nuclear Forces, Senate Armed Services Committee, Re: MX.

November 10, 1983, House Armed Services Committee, Re: The People Protection Act.

March 14, 1985, Subcommittee on Energy and Environment, House Committee on Interior and Insular Affairs, Re: Nuclear Winter.

June 11, 1985, Panel on Defense, House Armed Services Committee, Re: Avoiding Nuclear War.

November 17, 1987, Commission on Security and Cooperation in Europe, Re: Reciprocal Visits by US and Soviet Parliamentarians.

February 28, 1990, Subcommittee on East Asian & Pacific Affairs, Committee on Foreign Relations, Senate, Re: Cambodia Policy: Time for a Change.

November 25, 1991, Subcommittee on East Asian and Pacific Affairs, Committee on Foreign Relations, Senate, Re: North Korea: Twenty-three Suggestions.

September 23, 1992, Western Hemisphere Subcommittee, Committee on Foreign Affairs, House of Representatives, Re: The Threat of the Shining Path in Peru and Appropriate International Responses.