




## Scott D. Sagan

Caroline S. G. Munro Memorial Professor in Political Science and Senior Fellow at the Freeman Spogli Institute for International Studies

 Curriculum Vitae available Online

### CONTACT INFORMATION

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### Bio

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#### BIO

Scott D. Sagan is the Caroline S.G. Munro Professor of Political Science, the Mimi and Peter Haas University Fellow in Undergraduate Education, and Senior Fellow at the Center for International Security and Cooperation and the Freeman Spogli Institute at Stanford University. He also serves as Project Chair for the American Academy of Arts and Sciences' Initiative on New Dilemmas in Ethics, Technology, and War. Before joining the Stanford faculty, Sagan was a lecturer in the Department of Government at Harvard University. From 1984 to 1985, he served as special assistant to the director of the Organization of the Joint Chiefs of Staff in the Pentagon. Sagan has also served as a consultant to the office of the Secretary of Defense and at the Sandia National Laboratory and the Los Alamos National Laboratory.

Sagan is the author of *Moving Targets: Nuclear Strategy and National Security* (Princeton University Press, 1989); *The Limits of Safety: Organizations, Accidents, and Nuclear Weapons* (Princeton University Press, 1993); and, with co-author Kenneth N. Waltz, *The Spread of Nuclear Weapons: An Enduring Debate* (W.W. Norton, 2012). He is the co-editor of *Planning the Unthinkable* (Cornell University Press, 2000) with Peter R. Lavoy and James L. Wirtz; the editor of *Inside Nuclear South Asia* (Stanford University Press, 2009); co-editor of *Learning from a Disaster: Improving Nuclear Safety and Security after Fukushima* (Stanford University Press, 2016) with Edward D. Blandford; and co-editor of *Insider Threats* (Cornell University Press, 2017) with Matthew Bunn.

Sagan is also the guest editor of a two-volume special issue of *Daedalus*, *New Dilemmas in Ethics, Technology, and War* (Fall 2016 and Winter 2017); co-editor of a two-volume special issue of *Daedalus*, *On the Global Nuclear Future* (Fall 2009 and Winter 2010), with Steven E. Miller. Other publications include "A Call for Global Nuclear Disarmament" in *Nature* (July 2012); "Atomic Aversion: Experimental Evidence on Taboos, Traditions, and the Non-Use of Nuclear Weapons" with Daryl G. Press and Benjamin A. Valentino in the *American Political Science Review* (February 2013); and, with Matthew Bunn, the American Academy of Arts and Sciences occasional paper, "A Worst Practices Guide to Insider Threats: Lessons from Past Mistakes" (2014).

In 2017, Scott Sagan received the International Studies Association's Susan Strange Award. The award recognizes a person whose "singular intellect, assertiveness, and insight most challenge conventional wisdom and intellectual and organizational complacency" in the international studies community. Sagan was the recipient of the National Academy of Sciences William and Katherine Estes Award in 2015, for his pioneering work addressing the risks of nuclear weapons and the causes of nuclear

proliferation. The award, which is granted triennially, recognizes “research in any field of cognitive or behavioral science that advances understanding of issues relating to the risk of nuclear war.” In 2013, Sagan received the International Studies Association's International Security Studies Section Distinguished Scholar Award. He has also won four teaching awards: Stanford's 1998-99 Dean's Award for Distinguished Teaching; Stanford's 1996 Hoagland Prize for Undergraduate Teaching; the International Studies Association's 2008 Innovative Teaching Award; and the Monterey Institute for International Studies' Nonproliferation Education Award in 2009.

## **ACADEMIC APPOINTMENTS**

- Professor, Political Science
- Senior Fellow, Freeman Spogli Institute for International Studies

## **HONORS AND AWARDS**

- Susan Strange Award, International Studies Association (2017)
- William and Katherine Estes Award, National Academy of Sciences (2015)
- Distinguished Scholar Award, International Studies Association's International Security Studies Section (ISSS) (April 2013)
- Outstanding Contribution to Nonproliferation Education Award, Monterey Institute for International Studies (December 2009)
- Deborah Misty Gerner Innovative Teaching Award, International Studies Association (2008)
- Honorary Doctor of Laws, Ohio Wesleyan University (May 2008)
- Fellow, American Academy of Arts and Sciences (Elected 2008)
- Dean's Award for Distinguished Teaching, Stanford University (1998-99)
- Laurance and Naomi Hoagland Prize for Undergraduate Teaching, Stanford University (1996)

## **BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS**

- Chair of the Steering Committee, AAAS Initiative on Ethics, Technology, and War (2014 - present)
- Member, Herbert Scoville Jr. Peace Fellowship Advisory Council (2012 - present)
- Member, Committee on Improving the Assessment of the Proliferation Risk of Nuclear Fuel Cycles, National Academy of Sciences (2011 - present)
- Member, National Academy of Sciences Committee on Improving the Assessment of Proliferation Risk of Nuclear Fuel Cycles (2011 - 2013)
- Board Member, Federation of American Scientists (2010 - 2015)
- Expert Advisor, Congressional Commission on the Strategic Posture of the United States (2008 - 2009)
- Co-Chair (with Steven Miller), AAAS Initiative on the Global Nuclear Future (2007 - 2014)
- Consultant, National Intelligence Council “Global Expertise Reserve” (2006 - 2009)
- Member of Steering Committee, American Assembly (2006 - 2008)
- Member, Visiting Committee, Department of Political Science, University of California, Berkeley (2006 - 2006)
- Member, CAC Subcommittee on Analysis and Policy Formulation, Council on Foreign Relations (2003 - 2005)
- Member, Visiting Committee, Department of Government, Harvard University (2003 - 2003)
- Member, Distinguished Advisory Panel for Non-Proliferation and Arms Control, Sandia National Laboratory (2000 - present)
- Member, Undergraduate Advisory Council, Stanford University (2000 - 2011)
- Member, National Board of Directors of the Lawyers Alliance for World Security (LAWS) (1999 - 2005)
- Member, Advisory Panel on Investment Responsibility, Stanford University (1999 - 2000)
- University Fellow, Stanford University (1996 - 1998)
- Member, Asia/Pacific Scholars Program Faculty Committee, Stanford University (1996 - 1997)
- Member of Advisory Board, Nuclear Weapons History Project, National Security Archives, Washington DC (1995 - 2000)
- Member of the Committee on Science and International Security, American Association for the Advancement of Science (1995 - 1996)

- Member, 1995 Selection Committee for the MacArthur Foundation's Research and Writing Grants on Peace and International Cooperation (1995 - 1995)
- Member of Steering Committee, Eliminating Weapons of Mass Destruction Project, Henry L. Stimson Center, Washington DC (1994 - 1997)
- Co-director, NATO Advanced Research Workshop: "Improving Nuclear Weapons Safety and Security in the Post-Cold War Era" (1994 - 1994)
- Member of Program Committee, Stanford in Washington (1992 - present)
- Consultant, Los Alamos National Laboratory (1989 - 1995)
- Member, Advisory Group to the Joint Chiefs of Staff on the Future of U.S.-Soviet Military Relations (1989 - 1990)
- Consultant, the RAND Corporation (1987 - 1991)
- Consultant, Office of the Secretary of Defense (1987 - 1991)

## PROGRAM AFFILIATIONS

- Science, Technology and Society

## PROFESSIONAL EDUCATION

- Ph.D., Harvard University , Political Science (1983)
- B.A., Oberlin College , Government (1977)

## LINKS

- FSI Page: [http://fsi.stanford.edu/people/scott\\_d\\_sagan/](http://fsi.stanford.edu/people/scott_d_sagan/)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Just War Theory and the development of norms concerning the use of force; public attitudes about the use of nuclear weapons and non-combatant casualties; organizations and management of insider threats; the management of hazardous technology; security of nuclear materials, the proliferation of weapons of mass destruction and the Non-Proliferation Treaty.

### PROJECTS

- Just War Doctrine in the Contemporary World
- The Insider Threat: Why Organizations Underestimate Internal Risks

## Teaching

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### COURSES

#### 2017-18

- International Security in a Changing World: HISTORY 104D, IPS 241, POLISCI 114S (Win)
- Rules of War: THINK 19 (Win)
- The Face of Battle: POLISCI 22SC (Sum)

#### 2016-17

- Nuclear Politics: POLISCI 211N, POLISCI 311N (Win)
- Rules of War: THINK 19 (Win)
- The Face of Battle: POLISCI 22SC (Sum)

#### 2015-16

- International Security in a Changing World: HISTORY 104D, IPS 241, POLISCI 114S (Win)
- Rules of War: THINK 19 (Win)

- The Face of Battle: POLISCI 22SC (Sum)

#### 2014-15

- International Security in a Changing World: HISTORY 104D, IPS 241, POLISCI 114S (Win)
- Rules of War: THINK 19 (Win)
- The Face of Battle: POLISCI 22SC (Sum)

### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

SANNIA ABDULLAH, Sara Shirazyan

## Publications

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### PUBLICATIONS

- **Insider Threats**

edited by Sagan, S. D., Bunn, M.  
2017

- **The Changing Rules of War** *Daedalus*

Sagan, S. D.  
2017; 146 (1): 6-10

- **The Face of Battle without the Rules of War: Lessons from Red Horse & the Battle of the Little Bighorn** *Daedalus*

Sagan, S. D.  
2017; 146 (1): 24-43

- **The Nuclear Necessity Principle: Making US Targeting Policy Conform with Ethics & the Laws of War** *DAEDALUS*

Lewis, J. G., Sagan, S. D.  
2016; 145 (4): 62-74

- **Ethics, Technology & War** *DAEDALUS*

Sagan, S. D.  
2016; 145 (4): 6-11

- **Learning from a Disaster: Improving Nuclear Safety and Security after Fukushima**

edited by Blandford, E. D., Sagan, S. D.  
Stanford University Press.2016

- **Atomic Aversion: Experimental Evidence on Taboos, Traditions, and the Non-Use of Nuclear Weapons** *AMERICAN POLITICAL SCIENCE REVIEW*

Press, D. G., Sagan, S. D., Valentino, B. A.  
2013; 107 (1): 188-206

- **The Spread of Nuclear Weapons: An Enduring Debate**

Sagan, S. D., Waltz, K.  
W. W. Norton & Company.2012

- **Inside Nuclear South Asia**

Sagan, S. D.  
Stanford University Press .2009

- **The Spread of Nuclear Weapons: A Debate Renewed**

Sagan, S. D., Waltz, K. N.  
W. W. Norton & Company, Inc..2003

- **The Spread of Nuclear Weapons: A Debate**

Sagan, S. D., Waltz, K.

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W.W. Norton & Company.1995

- **The Limits of Safety: Organizations, Accidents, and Nuclear Weapons**  
Sagan, S. D.  
Princeton University Press.1993
- **Moving Targets: Nuclear Strategy and National Security**  
Sagan, S. D.  
Princeton University Press.1989
- **The Future of the Nuclear Order** *Current History*  
Sagan, S. D.  
2014; 113 (759): 23-25
- **The Future of the Nuclear Order** *CURRENT HISTORY*  
Sagan, S. D.  
2014; 113 (759): 23-25
- **Political Scientists and Historians in Search of the Bomb** *JOURNAL OF STRATEGIC STUDIES*  
Sagan, S. D., Waltz, K. N.  
2013; 36 (1): 143-151
- **A call for global nuclear disarmament** *NATURE*  
Sagan, S. D.  
2012; 487 (7405): 30-32
- **Should the U.S. or International Community Aggressively Pursue Nuclear Nonproliferation Policies? 'Yes' Argument** *Controversies in Globalization: Contending Approaches to International Relations, Second Edition*,  
Sagan, S. D., Pauly, R. B.  
CQ Press .2012
- **Introduction: Reviewing the Nuclear Posture Review** *The Nonproliferation Review*  
Sagan, S. D., Vaynman, J.  
2011; 18 (1)
- **Arms, Disarmament and Influence: the International Impact of the 2010 U.S. Nuclear Posture Review, The Nonproliferation Review Special Issue**  
edited by Sagan, S. D., Vaynman, J.  
Routledge Taylor & Francis Group.2011
- **The International Security Implications of U.S. Domestic Nuclear Power Decisions** *Blue Ribbon Commission on America's Nuclear Future*  
Sagan, S. D.  
2011
- **Lessons Learned from the 2010 Nuclear Posture Review** *The Nonproliferation Review*  
Sagan, S. D., Vaynman, J.  
2011; 18 (1)
- **The Causes of Nuclear Weapons Proliferation** *ANNUAL REVIEW OF POLITICAL SCIENCE, VOL 14*  
Sagan, S. D.  
2011; 14: 225-244
- **Alternative nuclear futures** *DAEDALUS*  
Miller, S. E., Sagan, S. D.  
2010; 139 (1): 126-137
- **On the Global Nuclear Future Vol. 2, Daedalus Special Issue**  
Miller, S. E.  
edited by Sagan, S.  
MIT Press.2010

- **Going Nuclear: Nuclear Proliferation and International Security in the 21st Century**  
Sagan, S. D.  
MIT Press (International Security reader).2010
- **Is Nuclear Zero the Best Option? (debate with Kenneth N. Waltz)** *The National Interest*  
Sagan, S. D.  
2010: 88-96
- **Nuclear Latency and Nuclear Proliferation** *Forecasting Nuclear Proliferation in the 21st Century*  
Sagan, S. D.  
Stanford University Press .2010
- **Nuclear power without nuclear proliferation?** *DAEDALUS*  
Miller, S. E., Sagan, S. D.  
2009; 138 (4): 7-18
- **Shared responsibilities for nuclear disarmament** *DAEDALUS*  
Sagan, S. D.  
2009; 138 (4): 157-168
- **The Perils of Predicting Proliferation** *JOURNAL OF CONFLICT RESOLUTION*  
Montgomery, A. H., Sagan, S. D.  
2009; 53 (2): 302-328
- **The Case for No First Use: An Exchange** *SURVIVAL*  
Halperin, M. H., Tertrais, B., Payne, K. B., Subrahmanyam, K., Sagan, S. D.  
2009; 51 (5): 17-46
- **Reply: Evidence, Logic, and Nuclear Doctrine** *Survival*  
Sagan, S. D.  
2009 : 36-46
- **Should the U.S. or International Community Aggressively Pursue Nuclear Nonproliferation Policies? ‘Yes’ Argument** *Controversies in Globalization: Contending Approaches to International Relations*  
Sagan, S. D., Weddle, J. A.  
CQ Press.2009: 152–163
- **On the Global Nuclear Future Vol. 1 , Daedalus Special Issue**  
edited by Sagan, S. D., Miller, S. E.  
MIT Press .2009
- **Introduction: Inside Nuclear South Asia and The Evolution of Pakistani and Indian Doctrine** *Inside Nuclear South Asia*  
Sagan, S. D.  
Stanford University Press .2009 : 1–24 and 219–254
- **Good Faith and Nuclear Disarmament Negotiations** *Abolishing Nuclear Weapons: A Debate*  
Sagan, S. D.  
Carnegie Endowment for International Peace.2009 : 203–212
- **The Case for No First Use** *SURVIVAL*  
Sagan, S. D.  
2009; 51 (3): 163-181
- **Nuclear Iran, A: Promoting Stability or Courting Disaster** *Journal of International Affairs*  
Sagan, S. D., Waltz, K. N.  
2007; 60 (2)
- **How to keep the bomb from Iran** *FOREIGN AFFAIRS*  
Sagan, S. D.  
2006; 85 (5): 45-?

- **The problem of redundancy problem: Why more nuclear security forces may produce less nuclear security** *RISK ANALYSIS*  
Sagan, S. D.  
2004; 24 (4): 935-946
- **Learning from Normal Accidents** *ORGANIZATION & ENVIRONMENT*  
Sagan, S. D.  
2004; 17 (1): 15-19
- **Nuclear Dangers in South Asia** *Forum on Physics & Society*  
Sagan, S. D.  
2004
- **Realist Perspectives on Ethical Norms and Weapons of Mass Destruction** *Ethics and Weapons of Mass Destruction*  
Sagan, S. D.  
Cambridge University Press.2004: 15-31
- **The Madman nuclear alert - Secrecy, signaling, and safety in October 1969** *Annual Meeting of the Society-for-Historians-of-American-Foreign-Relations*  
SAGAN, S. D., Suri, J.  
MIT PRESS.2003: 150-83
- **The perils of proliferation in south Asia** *ASIAN SURVEY*  
SAGAN, S. D.  
2001; 41 (6): 1064-1086
- **Responding to chemical and biological threats - Reply** *INTERNATIONAL SECURITY*  
SAGAN, S. D.  
2001; 25 (4): 196-198
- **The commitment trap - Why the United States should not use nuclear threats to deter biological and chemical weapons attacks** *INTERNATIONAL SECURITY*  
SAGAN, S. D.  
2000; 24 (4): 85-115
- **Origins of Military Doctrines and Command and Control Systems; and Conclusions: Planning the Unthinkable, The** *Planning the Unthinkable: How New Powers Will Use Nuclear, Biological, and Chemical Weapons*  
Sagan, S. D.  
Cornell University Press .2000: 16-45; 230-257
- **The causes of nuclear proliferation** *CURRENT HISTORY*  
SAGAN, S. D.  
1997; 96 (609): 151-156
- **Why do states build nuclear weapons? Three models in search of a bomb** *INTERNATIONAL SECURITY*  
SAGAN, S. D.  
1997; 21 (3): 54-86
- **THE PERILS OF PROLIFERATION - ORGANIZATION THEORY, DETERRENCE THEORY, AND THE SPREAD OF NUCLEAR-WEAPONS** *INTERNATIONAL SECURITY*  
SAGAN, S. D.  
1994; 18 (4): 66-107
- **Civil Military Relations and Nuclear Weapons**  
Sagan, S. D.  
Center for International Security and Arms Control, Stanford University.1994
- **THE ORIGINS OF THE PACIFIC WAR** *JOURNAL OF INTERDISCIPLINARY HISTORY*  
SAGAN, S. D.  
1988; 18 (4): 893-922
- **Living with Nuclear Weapons**

edited by Carnesale, A., Doty, P., Hoffman, S., Huntington, S. P., Nye, J. S., Sagan, S. D.  
Harvard University Press.1983