

# TECHNOLOGY AND NATIONAL SECURITY

Management Science and Engineering 193/293  
Fall Quarter, 2009-10

**INSTRUCTORS:** Siegfried S. Hecker and William J. Perry

**Contact Information:**

For contacting Prof. Hecker, please see Alistair Dawson: [aedawson@stanford.edu](mailto:aedawson@stanford.edu)

For contacting Prof. Perry, please see Deborah Gordon: [dgordan@stanford.edu](mailto:dgordan@stanford.edu) or

Megan McCullough: [meganm1@stanford.edu](mailto:meganm1@stanford.edu)

**TA:** David Caswell (Head TA); Drew Bennett; Lauren Cipriano; Adam Forbes, Varun Madduri : Philippe de Koning.

**CLASS TIME:** Monday/Wednesday 4:15-5:30PM, Gates B1

**OVERVIEW:** In this course you will explore the relationship between national security policy and technology from early history to modern day. Much of the course is focused on security challenges since World War II, including current security challenges and the impact that technology plays. We will discuss regional security challenges such as those of North Korea and Northeast Asia, Iran and the Middle East, Russia, China and South Asia. We will also cover topical security areas such as nuclear weapons and nuclear proliferation, terrorism, intelligence, failed states, and biosecurity. We will look at the most pressing security challenges faced by the Obama administration. Class presentations and discussion will feature the experience of practitioners in national security and/or technology, including several guest lectures by eminent people in key areas.

**COURSE REQUIREMENTS:** This course is offered to both undergraduate and graduate students. It will have the appropriate standards and assignments. There are no specific prerequisite courses, but an interest in international security and the role of policy and technology is advised. The course is offered on-line to SCPD students. For all other students, attendance at lectures and class participation is necessary since most of the material presented is not available in textbooks. Grading is based on students' performance on two take-home exams and a policy paper.

**EXAMS:** Two take-home exams will be assigned to test your comprehension of the lecture material. The first exam will be posted Monday, October 5 following class; it is due Monday, October 12 prior to class. The second exam will be posted Monday, October 26 and will be due on Monday, November 2.

**POLICY PAPER:** During the quarter, students will be asked to write a policy paper (approximately 5 pages long), prepared as a briefing to the president, national security advisor, or equivalent senior official. The topic will be selected from materials covered in class lectures. The policy paper will be graded and returned to the student with suggestions for improving it. The student must re-submit the paper, incorporating suggested changes as appropriate, after which it will be re-graded.

Students signed up for either MS&E 193 or 293 will write a policy paper that includes, at a minimum, a baseline quantitative analysis in the form of a decision tree. Graduate students taking MS&E 293 will need to incorporate sensitivity analysis into their paper in addition to the decision tree. We will, of course, expect a more detailed analysis from graduate students than undergraduate students. There will be a tutorial on creating decision trees later in the quarter. Students are highly encouraged to meet with course TAs for one-on-one help if needed (TA office hours will be posted later in the quarter).

**GRADING:** Your final course grade will be determined by the policy paper (50%), and two take-home exams (25% each).

**READINGS:** There are no required textbooks for the course. Individual reading assignments and suggestions will be posted on the class website at <http://www.stanford.edu/class/msande193/>. URLs are also provided for some selections. The reading materials will enhance your background understanding of the subjects and, in some cases, will give you pertinent current status of issues and challenges. Some are quite long and detailed – these are meant for students who have a serious interest in individual subjects.

**OFFICE HOURS:** Professor Hecker and Perry will not be holding office hours. They encourage you, however to sign up for one of the brown bag lunches being offered. Check the course web page for the schedule. For additional information regarding the brown bag lunches, please contact Alistair Dawson at [aedawson@stanford.edu](mailto:aedawson@stanford.edu). The teaching assistants will have their office hours posted on the site for the weeks of 2 November, 9 November, and 30 November.

#### LECTURE SCHEDULE AND DATES OF NOTE:

##### **Monday, September 21**

##### **Prof. William J. Perry: Early History**

- From Crossbow to H-Bomb, Bernard Brodie and Fawn Brodie, Indiana University Press, 1973
  - Chapters 1: Antiquity, Chapter 2: Middle Ages, and Chapter 3: Impact of Gunpowder

**Wednesday, September 23**

**Prof. William J. Perry: United States' Civil War and World War I**

- Geoffrey C. Ward, *The Civil War: an illustrated history/George C. Ward with Ric Burns and Ken Burns*, Alfred A. Knopf, Inc., American Documentaries, Inc. 1990.

**Monday, September 28**

**Prof. William J. Perry: World War II**

- David Kennedy, *Freedom from Fear: The American People in Depression and War, 1929-1945*, Ch. 18: "The War of Machines," Oxford University Press, New York, New York (1999).

**Wednesday, September 30**

**Prof. William J. Perry: Cold War and Offset Strategy**

- William J. Perry, *Desert Storm and Deterrence*, Foreign Affairs, 1991  
<http://fullaccess.foreignaffairs.org/19910901faessay6102/william-j-perry/desert-storm-and-deterrence.html>
- William J. Perry, *Military Technology: an Historical Perspective*, Technology in Society, 2004
- X, *Sources of Soviet Conduct*, Foreign Affairs, 1947  
<http://fullaccess.foreignaffairs.org/19470701faessay25403/x/the-sources-of-soviet-conduct.html>

**Monday, October 5 (Exams assigned)**

**Prof. Siegfried S. Hecker: Nuclear History and Fundamentals**

- Richard Rhodes, *The Making of the Atomic Bomb*, Touchstone/Simon & Schuster, New York, New York (1988). (For the serious student of nuclear history)

**Wednesday, October 7**

**Prof. Siegfried S. Hecker: Nuclear Weapons and Nuclear Energy, Evolution of Nuclear Threat**

- Richard L. Garwin and Georges Charpak, *Megawatts and Megatons: The Future of Nuclear Power and Nuclear Weapons*, The University of Chicago Press, Chicago, Illinois (2002).
- David Bodansky, *Nuclear Energy: Principles, Practices, and Prospects*, 2nd ed, Springer-Verlag, New York, New York (2004). (For serious student of nuclear energy and nuclear physics)

**Friday, October 9 Last day to drop the class**

**Monday, October 12 (Exams due)**

**Prof. Siegfried S. Hecker: Cold War, Arms Control, Russia in Transition (Exams Due)**

- David Holloway, *Stalin and the Bomb*, Yale University Press, New Haven, Connecticut, 1994 (Great overview of Russian nuclear program history).
- S. S. Hecker, "Thoughts about an Integrated Strategy for Nuclear Cooperation with Russia," *The Nonproliferation Review*, Summer 2001, 1-24 (2001).
- Robert F. Mozley, *The Politics and Technology of Proliferation*, University of Washington Press, Seattle, 1998.

### Wednesday, October 14

#### Dr. Joseph Martz: Evolution of Nuclear Arsenals, Current Nuclear Issues

- See lecture on class website.

### Monday, October 19

#### Prof. Siegfried S. Hecker: Russia and Nuclear Proliferation

- Matthew Bunn, "*Securing the Bomb – 2008*," Harvard University, Managing the Atom Project, Nuclear Threat Initiative. [www.nti.org/securingthebomb](http://www.nti.org/securingthebomb)

### Wednesday, October 21

#### Prof. Siegfried S. Hecker: Nonproliferation and Introduction to North Korea

- Siegfried S. Hecker, "Denuclearizing North Korea," *Bulletin of the Atomic Scientists*, 64, 2, (May/June 2008) pp. 44-49.
- Siegfried S. Hecker and William Liou, "Dangerous Dealings: North Korea's Nuclear Capabilities and the Threat of Export to Iran," *Arms Control Today*, March 2007. Available at [http://www.armscontrol.org/act/2007\\_03/heckerliou](http://www.armscontrol.org/act/2007_03/heckerliou).
- Scott D. Sagan, "How to Keep the Bomb from Iran," *Foreign Affairs*, Sept/Oct 2006, pp. 45-59.
- Siegfried S. Hecker, "The Risks of North Korea's Nuclear Restart," *Bulletin of the Atomic Scientists*, May 12, 2009.
- Mike Chinoy, *Meltdown: The Inside Story of the North Korean Nuclear Crisis*, St. Martin's Press, New York, New York (2008).

### Monday, October 26 (Exams assigned)

#### Prof. William J. Perry: Nunn-Lugar Program, Nuclear Weapons-free World, Modern Security Threats

- Ashton Carter and William Perry, *Preventive Defense*, Brookings Institution Press, 1999, Chapter 1, 2, 3, 5
- George P. Shultz, William J. Perry, Henry A. Kissinger and Samuel Nunn, *Kissinger, Shultz, Perry & Nunn call for A World Free of Nuclear Weapons*. The Wall Street Journal, January 5, 2007.
- George P. Shultz, William J. Perry, Henry A. Kissinger and Samuel Nunn, *Toward a Nuclear-Free World*. The Wall Street Journal, January 15, 2008. [http://online.wsj.com/public/article\\_print/SB120036422673589947.html](http://online.wsj.com/public/article_print/SB120036422673589947.html)

- Jonathan Tepperman, *Why Obama Should Learn to Love the Bomb*. Newsweek, September 7, 2009, pp. 44-48.
- Michael May, *The Trouble with Disarmament: Abolishing nuclear weapons is a good idea in theory. In practice, however, it would be impossible to verify and would make the world less safe*. The Bulletin of the Atomic Scientists, Vol. 64, No. 5, pp. 20-21. November/December 2009.
- Harold Brown and John Deutch, *The Nuclear Disarmament Fantasy*. The Wall Street Journal, November 19, 2007.
- George Perkovich and James M. Acton, ed. *Abolishing Nuclear Weapons: A Debate*. Carnegie Endowment for International Peace, Washington, D.C., 2009. [http://www.carnegieendowment.org/files/abolishing\\_nuclear\\_weapons\\_debate.pdf](http://www.carnegieendowment.org/files/abolishing_nuclear_weapons_debate.pdf)

**Wednesday, October 28**

**Prof. Siegfried S. Hecker and Prof. William J. Perry, North Korea and Iran**

- Scott D. Sagan, "How to Keep the Bomb from Iran," *Foreign Affairs*, Sept/Oct 2006, pp. 45-59.

**Monday, November 2 (Exams due) (Policy paper assigned)**

**Dr. Thomas Fingar: Intelligence: Wrong on Iraq, right on Iran (Exams due) (Problem assigned)**

- Thomas Fingar, "A Tale of Two Estimates: How Lessons from the 2002 Estimate on Iraq WMD Shaped the 2007 Iran Nuclear NIE," Draft
- National Intelligence Council, Iraq's Continuing Programs for Weapons of Mass Destruction [hereafter Iraq WMD], October 2002. Declassified key judgments released on July 18, 2003 are available at <http://www.fas.orf/irp/cia/products/iraq-wmd.html>
- Central Intelligence Agency, Iraq's Weapons of Mass Destruction Programs at [https://www.cia.gov/library/reports/general-reports-1/iraq\\_wmd/Iraq\\_Oct\\_2002.htm](https://www.cia.gov/library/reports/general-reports-1/iraq_wmd/Iraq_Oct_2002.htm) (Skim to compare language used in this White Paper to that used in the Estimate)
- Specific deficiencies of the Iraq WMD estimate are described at great length in Senate, Report of the Select Committee on Intelligence on the US Intelligence Community's Prewar Intelligence Assessments on Iraq together with Additional Views, 108th Congress, 2d Session, S. Report 108-301, July 9, 2004 at [http://www.globalsecurity.org/intell/library/congress/2004\\_rpt/iraq-wmd-intell\\_intro.htm](http://www.globalsecurity.org/intell/library/congress/2004_rpt/iraq-wmd-intell_intro.htm), go to table of contents and read pages 7-28.
- National Intelligence Council, Iran Nuclear Intentions and Capabilities estimate at [http://www.dni.gov/press\\_releases/20071203\\_release.pdf](http://www.dni.gov/press_releases/20071203_release.pdf).

**Wednesday, November 4**

**Dr. Frank Pabian: Intelligence and Technology**

- Frank Pabian, "Commercial Satellite Imagery: Another Tool in the Nonproliferation Verification and Monitoring Toolkit, Chapter 12 in *Nuclear Safeguards, Security and Nonproliferation: Achieving Security with Technology and Policy*, ed. James Doyle, Elsevier, Amsterdam, 2008, pp. 221-150.

### **Monday, November 9**

#### **Prof. Abbas Milani: Iran's Nuclear Program: Past Contours, Future Challenges**

- "Iran: Nuclear Intentions and Capabilities." National Intelligence Estimate. November 2007.
- Abbas Milani, "Pious Populist: Understanding the Rise of Iran's President," *Boston Review*, November/December 2007, pp. 7-20.

### **Wednesday, November 11**

#### **Dr. Feroz Khan: Pakistan and Security in South Asia**

- Feroz Hassan Khan, "Nuclear Security in Pakistan: Separating Myth from Reality," *Arms Control Today*, Vol. 39, No. 6, pp. 12-20 (July/ August 2009).
- Rolf Mowatt-Larssen, "Nuclear Security in Pakistan: Reducing the Risks of Nuclear Terrorism." *Arms Control Today*, Vol. 39, No. 6, pp. 6-11 (July/August 2009).
- Feroz Hassan Khan and Peter R Lavoy, "Pakistan: The Dilemma of Deterrence" in Muthiah Alagappa ed. *The Long Shadow: Nuclear Weapons and Security in 21st Century Asia* (Stanford University Press, 2008) pp 215-240.
- Walter C. Ladwig III, "A Cold Start for Hot Wars? The Indian Army's New Limited War Doctrine," *International Security*, Vol. 32, No. 3 (Winter 2007/08).
- Peter R Lavoy, "Islamabad Nuclear Postures: Its Premises and Implementation," in Henry D. Sokolski ed. *Pakistan's Nuclear Future: Worries Beyond War* (Carlisle Barracks: Strategic Studies Institute, January 2008, pp 129- 165.
- Paul Kapur, *Dangerous Deterrent: Nuclear Weapons Proliferation and Conflict in South Asia*, (Stanford University Press, 2007).

### **Monday, November 16 (Policy paper due)**

#### **Prof. Larry Diamond: Building Democracies after Conflict**

- Francis Fukuyama, "Guidelines for Future Nation-Builders," pp. 231-244 in Fukuyama, ed., *Nation-Building: Beyond Afghanistan and Iraq* (Johns Hopkins U Press, 2006).
- Larry Diamond, "What Went Wrong and Right in Iraq," pp. 173-195 in Fukuyama, above.
- Larry Diamond, "Promoting Democracy after Conflict," *Taiwan Journal of Democracy* 2 (December 2006): 93-116.

### **Wednesday, November 18**

**Prof. Martha Crenshaw: Terrorism and International Security**

- Martha Crenshaw, *Terrorism and Global Security in Leashing the Dogs of War: Conflict Management in a Divided World*, United States Institute of Peace Press (2007).

**Monday, November 30 (Policy papers returned)**

**William J. Perry and Siegfried S. Hecker: Nuclear Energy and Nuclear Terrorism, Course Overview**

- *The Annals of the American Academy of Political and Social Science*, 607 (Sept. 2006) Dedicated volume on nuclear terrorism.
- Michael Levi, *On Nuclear Terrorism*, Harvard University Press, Cambridge, Massachusetts (2007).
- Graham Allison, *Nuclear Terrorism, The Ultimate Preventable Catastrophe*, A Times Book, August 2004. Chapters 2, 3, 7

**Wednesday, December 2**

**Paul Jackson: Biosecurity Challenges (*And Prof. Hecker on guidance for re-writing policy papers*)**

- Reading material to follow.

**Monday, December 7 (Policy paper re-write due)**

## **Speaker biographies:**

### Lecturers

**Hecker, Siegfried** is a professor (research) in the Department of Management Science and Engineering, a senior fellow at the Freeman Spogli Institute (FSI), and co-director of the Center for International Security and Cooperation (CISAC). He is also an emeritus director of Los Alamos National Laboratory. Over the past 15 years, he has fostered cooperation with the Russian nuclear laboratories to secure and safeguard the vast stockpile of ex-Soviet fissile materials. Hecker works closely with the Russian Academy of Sciences and is actively involved with the U.S. National Academies, serving as a member of the National Academies Committee on International Security and Arms Control Nonproliferation Panel. Hecker joined Los Alamos National Laboratory as graduate research assistant and postdoctoral fellow before returning as technical staff member following a tenure at General Motors Research. He led the laboratory's Materials Science and Technology Division and Center for Materials Science before serving as laboratory director from 1986 through 1997, and senior fellow until July 2005.

**Perry, William** is the Michael and Barbara Berberian Professor at Stanford University, with a joint appointment at FSI and the School of Engineering. He is a senior fellow at FSI and serves as co-director of the Preventive Defense Project, a research collaboration of Stanford and Harvard Universities. He is an expert in U.S. foreign policy, national security and arms control. He was the co-director of CISAC from 1988 to 1993, during which time he was also a professor (half time) at Stanford. Professor Perry was the 19th secretary of defense for the United States, serving from February 1994 to January 1997. He previously served as deputy secretary of defense (1993-1994) and as under secretary of defense for research and engineering (1977-1981).

### Speakers:

**Crenshaw, Martha** is a senior fellow at CISAC and FSI and a professor of political science by courtesy. She was the Colin and Nancy Campbell Professor of Global Issues and Democratic Thought and professor of government at Wesleyan University in Middletown, Conn., from 1974 to 2007. She is a Lead Investigator with START (the National Center for the Study of Terrorism and Responses to Terrorism), a Center of Excellence established by the Department of Homeland Security. Her current research projects focus on why the U.S. is targeted by terrorism and the effectiveness of counterterrorism policies.

**Diamond, Larry** is a senior fellow at the Hoover Institution, Stanford University, and founding coeditor of the *Journal of Democracy*. He is also co-director of the International Forum for Democratic Studies of the National Endowment for Democracy. At Stanford University, he is professor by courtesy of political science and sociology and coordinates the democracy program of the new Center on Democracy, Development, and the Rule of Law. During 2002–3, he served as a consultant to the U.S. Agency for

International Development (USAID) and was a contributing author of its report *Foreign Aid in the National Interest*. Currently he serves as a member of USAID's Advisory Committee on Voluntary Foreign Aid. He has also advised and lectured to the World Bank, the United Nations, the State Department, and other governmental and nongovernmental agencies dealing with governance and development. During the first three months of 2004, Diamond served as a senior adviser on governance to the Coalition Provisional Authority in Baghdad.

**Fingar, Thomas** was assistant secretary of the State Department's Bureau of Intelligence and Research (INR) from July 2004 until May 2005, when he was named deputy director of national intelligence for analysis and chairman of the National Intelligence Council. While at the State Department he served as acting assistant secretary for intelligence and research, principal deputy assistant secretary, deputy assistant secretary for analysis, director of the Office of Analysis for East Asia and the Pacific, and chief of the China division. His intelligence career began in 1970 as the senior German linguist in the Office of the Deputy Chief of Staff for Intelligence, USAREUR & 7th Army in Heidelberg, Germany. Between 1975 and 1986 he held a number of positions at Stanford University, including senior research associate in the Center for International Security and Arms Control and director of the university's U.S.-China Relations Program. Other previous positions include assignment to the National Academy of Sciences as co-director of the U.S.-China Education Clearinghouse, adviser to the Congressional Office of Technology Assessment, and consultant to numerous U.S. government agencies and private sector organizations. Fingar holds a BA in government and history from Cornell University and an MA and PhD in political science from Stanford University. He is a career member of the Senior Executive Service. His principal foreign languages are Chinese and German. Fingar has published dozens of books and articles, mostly on aspects of Chinese politics and policymaking.

### **Jackson, Paul: Biography to follow**

**Khan, Feroz Hassan (Brigadier General retired)** is currently on the faculty of the Department of National Security Affairs in U.S. Naval Postgraduate School, Monterey California. He previously served with the Pakistani Army for 32 years. His last held the post of Director, Arms Control and Disarmament Affairs, within the Strategic Plans Division, Joint Services Headquarters, which is the secretariat of Pakistan's Nuclear Command Authority. His military career blends with numerous diplomatic and scholarly assignments. . He has experienced combat action and command on active fronts on the line of control in Siachin Glacier and Kashmir. He served domestically and abroad in the United States, Europe, and South Asia, in particular assisting Pakistan's nuclear diplomacy. Among his academic degrees, General Khan holds an M.A. from the Paul Nitze School of Advanced International Studies, The Johns Hopkins University. He has held a series of visiting fellowships at Stanford University; the Woodrow Wilson

International Center for Scholars; the Brookings Institution; the Center for Non-Proliferation Studies at the Monterey Institute of International Studies; and the Cooperative Monitoring Center, Sandia National Laboratory. Since mid 1990s, General Khan has been making key contributions in formulating and advocating Pakistan's security policy on nuclear and conventional arms control and strategic stability in South Asia. He has produced recommendations for the Ministry of Foreign Affairs and represented Pakistan in several multilateral and bilateral arms control negotiations. He has published and participated in several security related national and international conferences and seminars. He has also been teaching as a visiting faculty member at the Department of the Defense and Strategic Studies, Quaid-e-Azam University, Islamabad. General Khan is currently writing a book on the history of Pakistan's nuclear weapons and U.S. policy, expected publication in 2010.

**Martz, Joseph** has had a 20+ year career focused on issues surrounding nuclear security and nuclear weapons. The majority of his career has focused on nuclear weapons and materials, and he has led a variety of national and international projects related to nuclear weapon design and maintenance, plutonium storage and disposition, stockpile life extension and plutonium aging, nuclear operations, and nuclear intelligence analysis. Dr. Martz is a 25 yr. employee of the Los Alamos National Laboratory in which he has served in a variety of research, leadership and management positions. In addition to his research at Los Alamos, he has led national project teams including the recent reliable-replacement warhead design competition and several complex nuclear material experiments. Dr. Martz is the author of over 50 papers and invited presentations in these areas.

**Pabian, Frank** is a senior nonproliferation infrastructure analyst at Los Alamos National Laboratory, has over 37 years experience in the nuclear nonproliferation field including six years with the Office of Imagery Analysis and 18 years with Lawrence Livermore National Laboratory's "Z" Division. Frank also served as a Chief Inspector for the International Atomic Energy Agency during United Nations inspections in Iraq from 1996-1998 focusing on "Capable Sites." In December 2002, Frank served as one of the first US nuclear inspectors back in Iraq with UN/IAEA. While at Los Alamos National Laboratory, Frank has developed and presented commercial satellite imagery based briefings on foreign clandestine nuclear facilities to the International Nuclear Suppliers Group (NSG), the International Atomic Energy Agency (IAEA), and the North Atlantic Treaty Organization (NATO), and the Foreign Ministries of China and India on behalf of the NNSA and STATE.

**Milani, Abbas** is the Hamid and Christina Moghadam Director of Iranian Studies at Stanford University and a visiting professor in the department of political science. In addition, Dr. Milani is a research fellow and co-director of the Iran Democracy Project at

the Hoover Institution. His expertise is U.S./Iran relations, Iranian cultural, political, and security issues.

Milani was a professor of history and political science and chair of the department at Notre Dame de Namur University and a research fellow at the Institute of International Studies at the University of California at Berkeley. Milani was an assistant professor in the faculty of law and political science at Tehran University and a member of the board of directors of Tehran University's Center for International Studies from 1979 to 1987. He was a research fellow at the Iranian Center for Social Research from 1977 to 1978 and an assistant professor at the National University of Iran from 1975 to 1977.

Dr. Milani is the author of *Eminent Persians: Men and Women Who Made Modern Iran, 1941-1979*, (Syracuse University Press, Syracuse, NY, 2 volumes, November, 2008); *King of Shadows: Essays on Iran's Encounter with Modernity*, Persian text published in the U.S. (Ketab Corp., Spring 2005); *Lost Wisdom: Rethinking Persian Modernity in Iran*, (Mage 2004); *The Persian Sphinx: Amir Abbas Hoveyda and the Riddle of the Iranian Revolution* (Mage, 2000); *Modernity and Its Foes in Iran* (Gardon Press, 1998); *Tales of Two Cities: A Persian Memoir* (Mage 1996); *On Democracy and Socialism*, a collection of articles coauthored with Faramarz Tabrizi (Pars Press, 1987); and *Malraux and the Tragic Vision* (Agah Press, 1982). Milani has also translated numerous books and articles into Persian and English.

Milani's articles have been published in journals, magazines, and newspapers including the *Boston Review*, *Brown Journal of World Affairs*, *Herald Tribune*, *Journal of Democracy*, *New York Times*, *Washington Post*, *Washington Quarterly*, *Wall Street Journal*, *Encyclopedia Iranica*, *Hoover Digest*, *Iranshenasi*, *The Middle East Journal*, *New York Review of Books*, *San Francisco Chronicle*, and the *Times Literary Supplement*. He has been interviewed for radio and television, appearing on BBC, CNN, NPR, KQED, Radio France, Radio Farda, Radio Free Europe, Radio and Television of Iran, and Voice of America.

He is a member of the American Association of Political Science, member of the board of directors for ISG (Iranian Studies Group at MIT), and the Association of Iranian Studies.

Milani received his BA in political science and economics from the University of California at Berkeley in 1970 and his PhD in political science from the University of Hawaii in 1974.