Committee on Energy and Commerce
U.S. House of Representatives

Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)

1. Your Name: Allison M. Macfarlane		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	**Yes**	**No**
3. Are you testifying on behalf of an entity that is not a government entity?	**Yes**	**No**
4. Other than yourself, please list which entity or entities you are representing:		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2009:		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing:		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	**Yes**	**No**
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2009, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signatu [redacted] **Date:** 7/23/12

ALLISON M. MACFARLANE
U. S. NUCLEAR REGULATORY COMMISSION
MAIL STOP O-16G4
WASHINGTON, DC 20555-0001
301-415-1750

CURRENT POSITION:

Chairman, U. S. Nuclear Regulatory Commission, 7/12 – present.

ACADEMIC POSITIONS:

Associate Professor of Environmental Science and Policy and International Affairs, George Mason University, Fairfax, VA, 8/06 – present (currently on a leave of absence to serve on the U. S. Nuclear Regulatory Commission).

Research Affiliate, Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, Cambridge, MA, 8/00-present.

Research Affiliate, Program in Science, Technology and Society, Massachusetts Institute of Technology, Cambridge, MA, 8/06-present.

Research Associate, Program in Science, Technology and Society, Massachusetts Institute of Technology, Cambridge, MA, 8/00-8/06.

Associate Professor, Sam Nunn School of International Affairs and the School of Earth and Atmospheric Science at Georgia Institute of Technology, Atlanta, GA, 8/03-8/04.

Fellow, Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, Cambridge, MA, 9/98-8/00.

Science Fellow, Center for International Security and Arms Control, Stanford University, Stanford, CA, September, 1997-August, 1998.

Science Fellow, Bunting Institute, Radcliffe College, Cambridge, MA, 9/96-8/97.
Fellow, Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, Cambridge, MA, 9/96-8/97.

Assistant Professor, Department of Geography and Earth Systems Science, George Mason University, Fairfax, VA, 1993-1998.

Visiting Investigator, Geophysical Laboratory and Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington, D.C., 1993-1996.

Postdoctoral Fellow, Center for Materials Research in Archaeology and Ethnology, Massachusetts Institute of Technology, Cambridge, MA, 1992-1993.

EDUCATION:

Massachusetts Institute of Technology Cambridge, MA
Ph.D. June, 1992. Thesis title: The relationship among metamorphism, deformation and plutonism in the Langtang region, central Nepal Himalaya. National Science Foundation Fellowship, 1988-1991.

University of Rochester Rochester, NY
B.Sc. Summa Cum Laude, 1986. Highest Distinction in Geology. Thesis title: A strontium and neodymium isotopic study of the volcanic rocks of Bermuda.

GRANTS:

2011. PENDING. MacArthur Foundation, Nuclear Waste Disposal in the US. (a book project) [redacted]
2010. Macarthur Foundation, project on The Future of the Back End of the Nuclear Fuel Cycle in the U.S. [redacted]
2008. Global Studies Center, George Mason University, seed money to begin a project considering emerging nuclear nations [redacted]
2001. Anonymous grant from Rockefeller Financial Services for support of a book project on unresolved scientific issues that affect the safety of the proposed nuclear waste repository at Yucca Mountain, Nevada. [redacted]
2001. Grant from Rockefeller Financial Services in support of a book project on unresolved scientific issues that affect the safety of the proposed nuclear waste repository at Yucca Mountain, Nevada. [redacted]
2001. Grant from the John Merck Fund in support of a book project on unresolved scientific issues that affect the safety of the proposed nuclear waste repository at Yucca Mountain, Nevada. [redacted]
1996. Grant from the National Science Foundation in support of the Workshop Request for the 11th Himalaya-Karakoram-Tibet Workshop. [redacted]
1995. Grant from the College of Arts and Science, George Mason University: Gender & Science: A Case Study on Men in the Earth Sciences. [redacted]
1995. Grant from the College of Arts and Science, George Mason University: Gender & Science: A Case Study on Women in the Earth Sciences. [redacted]
1994. Grant from the Summer Research Program, George Mason University, for research on the tectonic evolution of Precambrian rocks in New Mexico. [redacted]
1994. Grant from College of Arts and Science, Instructional Development Program, George Mason University, for development of a course on Gender and Science. [redacted]
1993. Grant from the American Philosophical Society for further research and field work on the source of tin in ancient Mexican tin-bronze artifacts.
1990. Grant from the Research & Exploration Committee of the National Geographic Society (Co-PI with Dr. D.S. Silverberg) for work on the structural & thermal evolution of the Karnali Zone, High Himalaya, Western Nepal. [redacted]
1990. Grant from the Geologic Society of America Research for research in the Langtang Himalaya. [redacted]

FELLOWSHIPS, AWARDS & HONORS:

2010 – 2012. Member of the White House's Blue Ribbon Commission on America's Energy Future.
2008 - present. Member of the Energy Board, The Keystone Center.
2008 - present. Chair of the Science and Security Board, *Bulletin of Atomic Scientists*.
1998, Fellowship, Peace and Security in a Changing World, Social Science Research Council-MacArthur Foundation.
1997, Science Fellowship, Center for International Security and Arms Control, Stanford University.
1996, Bunting Science Fellowship, Bunting Institute, Radcliffe University.
1996, John F. Kennedy School Fellowship, Harvard University, Center for Science and International Affairs.
1994, Women's Studies Readership to develop a course: Gender &Science.
1993-94, Member of Sigma Chi, scientific research honor society.
1992-1993, Post-doctoral Research Fellowship, Center for Materials Research in Archaeology and Ethnology (CMRAE).
1990, Assistantship to attend the Environmental Leadership Training Institute at Tufts University.
1989 & 1990, Student Research Fund Award.
1988, National Science Foundation Fellowship, 3 year appointment.
1986, Member of Phi Beta Kappa honor society.

PUBLICATIONS:

Books:

Macfarlane, Allison and Ewing, Rodney, editors, (2006) *Uncertainty Underground: Yucca Mountain and the Nation's High-Level Nuclear Waste, Policy and Scientific Issues,* Cambridge, MA: MIT Press.

Macfarlane, Allison M., Sorkhabi, Rasoul and Quade, Jay, editors, (1999) *Himalaya and Tibet: Mountain Roots to Mountain Tops*, Special Paper no. **328**, Boulder: Geological Society of America, 330p.

Articles:

Macfarlane, Allison (in review) The nuclear fuel cycle and the problem of prediction, *Japan Journal of Science, Technology & Society.*

Macfarlane, Allison (in press) Where, How, and Why Will Nuclear Happen: Nuclear "Renaissance" Discourses from Buyers and Suppliers, Chapter 2, *Nuclear Energy and International Security*, ed. Adam Stulberg and Matthew Furhmann, Stanford, CA: Stanford University Press.

Von Hippel, Frank, Ewing, Rodney, Garwin, Richard, and Macfarlane, Allison (2012) Time to bury plutonium, *Nature*, **485,** pp. 167-168.

Macfarlane, Allison (2012) The Global Spread of Nuclear Power Seen through the Eyes of Proponents and Opponents, *Global Studies Review,* **8**, no. 1.

Macfarlane, Allison (2012) Nuclear impacts: Uranium, waste, and nuclearity, *Social Epistemology Review*, http://social-epistemology.com/2012/04/03/allison-macfarlane-nuclear-impacts-uranium-waste-and-nuclearity/.

Macfarlane, Allison (2012) Trouble at the Back End, *American Scientist*, May/June.

Macfarlane, Allison (2012) Fukushima Lessons: The Disconnect between Geology and Nuclear Engineering, *Elements*, **8**, no. 3, p.

Macfarlane, Allison (2011) The Overlooked Back End of the Nuclear Fuel Cycle, *Science*, **333**, pp. 1225-1226.

Macfarlane, Allison (2011) It's 2050: Do You Know Where Your Nuclear Waste Is?, *Bulletin of the Atomic Scientists*, **67**, no. 4, pp. 30-36.

Macfarlane, Allison (2011) The Road to Yucca Mountain: The Development of Radioactive Waste Policy in the US, *Journal of American History,* **97**, no. 4, pp. 1162-1163.

Macfarlane, Allison (2010) Nuclear Power – A Panacea for Future Energy Needs?, *Environment Magazine*, **52**, # 2, March/April, pp. 34-46.

Macfarlane, Allison (2010) Down in the Dumps, *The House Magazine*, Nuclear Supplement, 14 November 2010, p. 25.

Macfarlane, Allison (2009) Widespread Nuclear Power: Questions and Implications, 58th Pugwash Conference on Science and World Affairs, The Hague, Netherlands, April 17-20, 2009, paper number WG5.5.CP.

Macfarlane, Allison (2009) Can Carbon Sequestration Help Solve the Climate Crisis? Lessons from Nuclear Waste Disposal, *Global Studies Review*.

Macfarlane, Allison (2009) The Future of the Back-End of the Nuclear Fuel Cycle: Issues and Solutions, for Al Gore Summit, January 2009.

Macfarlane, Allison (2007) Energy: The Issue of the 21st Century, *Elements*, v. 3, pp. 165-170.

Macfarlane, Allison and Miller, Marvin (2007) Nuclear Energy and Uranium Resources, *Elements*, v. 3, pp. 185-192.

Macfarlane, Allison (2007) Another Option for Separated Plutonium Management: Storage MOX, *Progress in Nuclear Energy.*

Macfarlane, Allison (2006) Is It Possible to Solve the Nuclear Waste Problem? *Innovations*. Fall 2006, pp. 81-90.

Macfarlane, Allison (2006) Stuck on a Solution, *Bulletin of the Atomic Scientists*, **62**, no. 3, May/June, pp. 46-52.

Macfarlane, Allison (2006) Biological Weapons: Real or Imaginary Threat? *Technology Review,* **109**, no. 1, p. 34.

Macfarlane, Allison (2005) All Weapons of Mass Destruction Are Not Equal, In John Tirman, editor, *Audit of Conventional Wisdom* Working Papers, Center for International Studies, MIT.

Macfarlane, Allison (2003) Will Nuclear Energy Drive the Twenty-first Century? In Andrew Heintzman, editor, *Fueling the Future*, Toronto: Anansi Press, pp. 130-151.

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R. Alvarez, J. Beyea, K. Janberg, J. Kang, E. Lyman, A. Macfarlane, G. Thompson, and F. von Hippel, (2003) Response by the Authors to the NRC Review of "Reducing the hazards from stored spent power reactor fuel in the United States" *Science and Global Security,* **11**, 213-223.

R. Alvarez, J. Beyea, K. Janberg, J. Kang, E. Lyman, A. Macfarlane, G. Thompson, and F. von Hippel, (2003) Reducing the hazards from stored spent power reactor fuel in the United States, *Science and Global Security,* **11**, 1-51.

Kang, J., von Hippel, F.N., Macfarlane, A., and Nelson, R. (2002) Storage MOX: A third way for plutonium disposal? *Science and Global Security,* **10**, No. 2, 85-101.

Ewing, Rodney and Macfarlane, Allison, (2002) Yucca Mountain, *Science*, **296**, 659-660.

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Bunn, Matthew, Holdren, John, Macfarlane, Allison, Pickett, Susan, Suzuki, Atsu, Suzuki, Tatsujiro, and Weeks, Jennifer (2001) Interim Storage of Spent Fuel: A safe, flexible, and cost-effective near-term approach to spent fuel management, Joint Report from the Harvard Managing the Atom Project and the Univeristy of Tokyo Project on Sociotechnics of Nuclear Energy, Belfer Center for Science and International Affairs, Harvard University, Cambridge, MA.

Macfarlane, Allison, von Hippel, Frank, Kang, Jungmin, and Nelson, Robert (2001) Plutonium Disposition the Third Way, *Bulletin of the Atomic Scientists*, **57**, May/June, 53-57.

Macfarlane, Allison (2000) Preventing a big bang: Excess weapons plutonium immobilization, in *Global Elimination of Nuclear Weapons*, Martin Kalinowski, editor, Nomos Verlagsgesellschaft: Baden-Baden, pp. 211-218.

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Macfarlane, Allison and Bernstein, Adam (1999) Canning plutonium: cheaper and faster. *Bulletin of Atomic Scientists*, **May/June**, 66-69.

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Macfarlane, A. (1999) The metamorphic history of the crystalline rocks in the High Himalaya, Nepal: Insights from thermobarometric data, *Journal of Asian Earth Sciences,* **17,** 741-753.

Macfarlane, Allison (1998) Immobilization of Excess Weapons Plutonium: Reasonable Alternatives to Vitrification. *Science and Global Security*, **7**, 271-309.

Macfarlane, Allison (1998) How Are Fissile Materials a Threat After the End of the Cold War? SSRC-MacArthur Newsletter, **10**, February, 1998.

Macfarlane, Allison and Luzzader-Beach, Sheryl (1998) Achieving Equity between Women and Men in the Geosciences, *G.S.A. Bulletin.*, **110**, 1590-1614.

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Masucci, M. and Macfarlane, A. (1997) An application of geological survey and ceramic petrology to provenance studies of Guangala phase ceramics of ancient Ecuador, *Geoarchaeology*, **12**, 765-793.

Dinter, D.A., Macfarlane, A.M., Hames, W., Isachsen, C., Bowring, S., and Royden, L. (1995), U-Pb and $^{40}Ar/^{39}Ar$ geochronology of the Symvolon granodiorite: implications for the thermal and structural evolution of the Rhodope metamorphic core complex, northeastern Greece, *Tectonics*, **14**, 886-908.

Macfarlane, A.M. (1995) An evaluation of the inverted metamorphic gradient at Langtang National Park, central Nepal Himalaya, *Journal of Metamorphic Geology*, **13**, 595-612.

Ila, P. & Macfarlane, A.M. (1994) Quantitative determination of In and Sn in cassiterites by Instrumental Neutron Activation Analysis, *Journal of Radioanalytical and Nuclear Chemistry*, **182**, 427-435.

Macfarlane, A.M. (1993) The chronology of tectonic events in the crystalline core of the Himalaya, Langtang National Park, central Nepal, *Tectonics*, **12**, 1004-1025.

Macfarlane, A.M., Hodges, K.V. & Lux, D. (1992) A structural analysis of the Main Central Thrust zone, Langtang National Park, central Nepal Himalaya, *G.S.A. Bulletin*, **104**, 1389-1402.

Other Publications:

Macfarlane, Allison (2010) Royal Society Project on Nuclear Nonproliferation: Evidence

David Talbot (2009) Q&A: Allison Macfarlane, Life After Yucca, *Technology Review*, July/August issue, pp. 21-22.

Macfarlane, Allison (2009) Is Nuclear Energy the Answer? In A. Henitzman and E. Solomon, eds, *Food and Fuel*, Toronto: Anazi Press. Pp. 184-207.

Macfarlane, Allison, Ahearne, John, and Asselstine, James (2008) The Future of Nuclear Energy: Policy Recommendations, *The Bulletin of the Atomic Scientists*, December 11, 2008, http://www.thebulletin.org/web-edition/features/the-future-of-nuclear-energy-policy-recommendations.

Macfarlane, Allison (2006) Senate Testimony: Yucca Mountain and High-Level Nuclear Waste Disposal, Testimony for the Environment and Public Works Committee, U.S. Senate, Hearing on the Status of the Yucca Mountain Project, March 1, 2006.

Macfarlane, Allison (2003) Is the Yucca Nuke Dump All Wet? Technology Review Online, October 22, 2003, http://www.technologyreview.com.

Macfarlane, Allison (2003) Senate Testimony: Statement of Allison Macfarlane Of the Security Studies Program, MIT, Before the Senate Energy and Water Development Subcommittee, In Las Vegas, Nevada, May 28, 2003.

Macfarlane, Allison (2002) A Nuclear Waste Disposal Plan, *INESAP Bulletin*, No. 20, August, 2002.

Macfarlane, Allison (2001) Separated Plutonium: Threats and Prospects, Proceedings of the International Conference on Environmental Management, Bruges, Belgium, September 30-October 4, 2001.

Macfarlane, Allison (2001) The Options for and Status of Military Surplus Plutonium in the United States and Russia, Conference Proceedings of the German Physical Society Meeting, Dresden, Germany, March 23, 2000.

Macfarlane, Allison (2000) Status of U.S. surplus weapons plutonium disposition (Stand der Planungen zum Umgang mit uberschussigem Waffenplutonium in den USA), in Proceedings of the Plutonium Workshop (Optionen bei der Verwertung und Entsorgung von Plutonium), Jülich, Germany, January 13-14, 2000.

Macfarlane, Allison (1999) A New Home on Jackass Flats? Considerations for Interim Storage of Spent Fuel at Yucca Mountain, in *Proceedings of GLOBAL '99 International Conference on Future Nuclear Systems*, Jackson Hole, WY, August 29 – September 3, 1999.

Bernstein, Adam and Macfarlane, Allison (1999) Russia: Ready, Able, and Unwilling to Immobilize its Plutonium Surplus, in *Proceedings of GLOBAL '99 International Conference on Future Nuclear Systems*, Jackson Hole, WY, August 29 – September 3, 1999.

Macfarlane, Allison (1999) Comments on Disposition and Nuclear Energy, in *Security and Survival: the Case for a Nuclear Weapons Convention*, Merav Datan and Alyn Ware, editors, International Physicians for the Prevention of Nuclear War: Cambridge, pp. 3-23, 3-26-3-27.

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Macfarlane, Allison (1995) Book Review of *Biology and Feminism: A Dynamic Interaction,* by Sue Rosser (Twayne Publishers, New York, 1992) *The American Biology Teacher*, **57**, p. 447.

Macfarlane, Allison M. (1994) Field guide to the MCT zone at Langtang National Park, central Nepal Himalaya, 9th Himalaya-Tibet-Karakorum Workshop, Kathmandu, Nepal.

Op-Eds:

Macfarlane, Allison and Kotek, John (2012) Social Acceptance and the Blue Ribbon Commission: A Positive Experience in National Nuclear Waste Discussions, *Bulletin of the Atomic Scientists*, February 14, 2012, http://thebulletin.org/web-edition/op-eds/social-acceptance-and-the-blue-ribbon-commission-positive-experience-national-nuc.

Macfarlane, Allison (2011) No Time to Waste, *New Scientist*, issue 2783, pp. 26-27.

Macfarlane, Allison (2011) An explosive mix: Uncertain geologic knowledge and hazardous technologies, *Bulletin of the Atomic Scientists*, 17 March 2011, http://www.thebulletin.org/web-edition/op-eds/explosive-mix-uncertain-geologic-knowledge-and-hazardous-technologies.

Macfarlane, Allison (2011) Nuclear after Japan, *NOVA*, March 29, 2011, http://www.pbs.org/wgbh/nova/insidenova/2011/03/nuclear-after-japan-allison-macfarlane.html.

Macfarlane, Allison (2011) Nuclear Power is Clearly Risky, but We May Yet Decide that Climate Change Is the Bigger Threat, *The Mark News*, March 28, 2011, http://www.themarknews.com/articles/4512-lessons-from-fukushima.

Roscoe Bartlett (R-MD), Tom Udall (D-NM) and Allison Macfarlane (2007) Going Green Is Patriotic and Profitable, op-ed, *The Hill*, June 27, 2007, http://thehill.com/op-eds/going-green-is-patriotic-and-profitable-2007-06-27.html.

Macfarlane, Allison (2007) Obstacles to Nuclear Power: What to Do with the Waste? *Bulletin of Atomic Scientists*. May/June, p. 24.

Macfarlane, Allison (2005) Don't Put Nuclear Waste on Military Bases, op-ed, *Boston Globe*, June 4, 2005.

Macfarlane, Allison (2002) A Nuclear Waste Disposal Plan Shouldn't Be Rushed, *Los Angeles Times*, June 23, 2002, p. M3.

INVITED LECTURES:

4/12 Nautilus, Seoul, South Korea
Deep Borehole Disposal in East Asia

4/12 Elliott School, George Washington University, Washington, DC
Solving the Nuclear Waste Problem: Internationally Informed Political and Technical Perspectives

4/12 Teaching the Fuel Cycle Workshop, Elliott School, George Washington University
Teaching the Fuel Cycle: Reprocessing and Plutonium Fuel

3/12 Burden of Choice, Heyman Center for the Humanities, Columbia University, New York
Waste

3/12 Radioactive Waste Management Committee, 45th meeting, Nuclear Energy Agency, Paris, France
Report of the Blue Ribbon Commission

3/12 Fukushima: Lessons Learned? Workshop Oberlin College, Oberlin, OH
Fukushima and the Problem of Prediction

2/12 Federation of American Scientists, Global American Business Institute, Washington DC
The Final Report of the Blue Ribbon Commission on America's Nuclear Future

2/12 American Association for the Advancement of Science, Vancouver, Canada
The Final Report of the Blue Ribbon Commission on America's Nuclear Future

2/12 Platts 8th Annual Nuclear Energy Conference, Bethesda, MD
The Final Report of the Blue Ribbon Commission on America's Nuclear Future

2/12 Keystone Center Energy Board Meeting, Keystone, CO
The Final Report of the Blue Ribbon Commission on America's Nuclear Future

1/12 Bulletin of the Atomic Scientists' Doomsday Symposium, Washington, DC
Fukushima's Nuclear Accident: The Importance of Waste and Earth Science

12/11 Tokyo Democratic Party, the Diet, Tokyo, Japan
Nuclear Waste Management and Disposal: A US Point of View

12/11 Japan Association of Science, Technology and Society, Tokyo University, Tokyo Japan
The interaction of geoscience and nuclear engineering: nuclear power and disposing of its waste products

12/11 Japan Atomic Energy Commission, Tokyo, Japan/
The policy-making process for nuclear power: two examples from the United States

12/11 Joint-Fact-Finding Process, Graduate School of Public Policy, Tokyo University, Japan
The policy-making process for nuclear power: two examples from the United States

11/11 Society for the Social Studies of Science, Annual Meeting, Cleveland, OH
Earthquakes, tsunamis, and nuclear power: the tangled relationship of engineering and geology

10/11 American Academy of Arts and Sciences, Stanford, CA
Public participation in the siting of back-end nuclear facilities
10/11 National Journal Policy Summit, National Press Club, Washington, DC
Lessons from Japan: Global Implications of Nuclear Disaster
10/11 Elliott School of International Affairs, George Washington University, Washington, DC
Draft Recommendations of the Blue Ribbon Commission on America's Nuclear Future
10/11 Harris School of Public Policy, University of Chicago, Chicago, IL
Draft Recommendations of the Blue Ribbon Commission on America's Nuclear Future
5/11 School of Advanced International Studies, Johns Hopkins University, Washington DC
Nuclear Waste Lessons from Fukushima
12/10 Vision Series Lectures, George Mason University, Fairfax, VA
Is Nuclear Energy the Answer to a Carbon-Constrained World?
12/10 Nuclear Futures Workshop, UC Berkeley, CA
Modeling the Future: Does It Tell Us What We Want to Know?
11/10 Bulletin of the Atomic Scientists Annual Meeting, Washington, DC
America's Nuclear Future (the back end)
11/10 The STS Circle, Kennedy School of Government, Harvard University, Cambridge, MA
The "Re-construction" of Nuclear Power outside the Industrialized World
9/10 STEP Symposium, Princeton University, Princeton, NJ
The Future of Nuclear Waste Disposal in the US
4/10 School of Public Policy, George Mason University, Fairfax, VA
The Nuclear Renaissance: Implications for the Back-End of the Fuel Cycle
3/10 Environmental Science and Policy, George Mason University, Fairfax, VA
Rethinking the Back End of the Nuclear Fuel Cycle
3/10 ANS Lecture, Nuclear Science & Engineering, MIT, Cambridge, MA
Potential Solutions to the Back End of the Nuclear Fuel Cycle
2/10 The Future of Nuclear Energy, Princeton University, Princeton, NJ
The Back End of the Nuclear Fuel Cycle: Nuclear Waste
2/10 American Association for the Advancement of Science, Annual Meeting, San Diego, CA
The Way Forward in the US: Nuclear Waste Management
2/10 Platts Nuclear Energy Conference, Bethesda, MD
The Future of Nuclear Waste Management in the US
2/10 Georgia Institute of Technology, Atlanta, GA
The Nuclear 'Renaissance' in Western and Nonwestern Imaginations
12/ 09 Kettle Run High School, Nokesville, VA
The Back End of the Nuclear Fuel Cycle: Nuclear Waste
11/09 School of Advanced International Studies, Johns Hopkins, Washington, DC
The Nuclear Renaissance: Implications for the Back End of the Nuclear Fuel Cycle
11/09 Nuclear International Research Group, University of Toronto, Toronto, Canada
Nuclear Waste Repositories: How to Deal with Uncertainty Underground
11/09 Society for the Social Study of Science, Annual Conference, Crystal City, VA
Proliferation, Terror, and the Ambiguity of New Nuclear Power
10/09 Nuclear Power – Back on the Table Conference, Penn State, State College, PA
Past Problems, Proposed Solutions for Nuclear Waste Management
8/09 PAGES Summer School, Nuclear Engineering Department, UC Berkeley, CA
3 talks: The Science and Policy of Nuclear Waste Disposal in the US; Solutions?; What Can Engineers Do?

6/09 Institute for Energy and the Environment, Summer School, Takoma Park, MD
Nuclear Waste: Problems and Solutions

6/09 Fresh Energy, St. Paul, MN
Issues with the Nuclear Fuel Cycle

4/09 58th Pugwash Conference on Science and World Affairs, The Hague, Netherlands
(1) Expanding Nuclear Energy – Implications for the Back-End of the Fuel Cycle: Plenary
(2) Nuclear Energy in a Carbon-Constrained World, Climate Change Workshop

4/09 21st Annual Environment Virginia Conference, Virginia Military Institute, Lexington, VA
Nuclear Waste: Storage, Disposal, Reprocessing, and More

4/09 Roanoke Valley Governor's School, Roanoke, VA
The Back-End of the Nuclear Fuel Cycle: Nuclear Waste

3/09 Center for International Security Studies at Maryland, University if Maryland
A Plan B for Nuclear Waste Disposal in the US: Implications for the Future of Nuclear Energy

3/09 Nuclear Energy in a Carbon-Constrained World Course, Princeton University
The Back-End of the Nuclear Fuel Cycle: Nuclear Waste

2/09 Mason Energy Roundtables, GMU, Fairfax, VA
The Future of the Back-End of the Nuclear Fuel Cycle

1/09 Al Gore Summit, New York, NY
The Future of the Back-End of the Nuclear Fuel Cycle: Issues & Solutions

11/08 Partnership for Global Security, Washington DC
Prospects for Global Nuclear Growth

11/08 Center for Strategic and International Studies, Washington DC
Whither the Nation's High-Level Nuclear Waste?

6/08 Senate Briefing, Washington DC
GNEP: A Proliferation Risk or a Solution to the Nuclear Waste Problem?

5/08 Carnegie Endowment for International Peace, Washington, DC
High-Level Nuclear Waste Solutions: Is GNEP One of Them?

5/08 Science Symposium, St Olaf College, Northfield, MN
Four Things You Should Know About Nuclear Waste

4/08 Committee on Energy and Water, US House of Representatives
GNEP: The National Academy Report and Proposal for Waste Solutions

4/08 Symposium, Lake Forest College, Lake Forest, IL
Yucca Mountain and the Geologic Disposal of High-Level Nuclear Waste

1/08 School of Foreign Service, Georgetown University, Washington, DC
Is Nuclear Power a Potenial Long-Term Solution to Climate Change?

7/07 Toward a Plan B for High-Level Waste, George Mason Univ., Arlington, VA
Status of Interim Storage of Spent Nuclear Fuel

7/07 Toward a Plan B for High-Level Waste, George Mason Univ., Arlington, VA
Geologic Disposal: What Are Other Countries Doing?

6/07 California Energy Commission, Sacramento, CA
Geologic Disposal of High-Level Nuclear Waste and Related Issues

6/07 Center for Science and Global Security, Princeton University, Princeton, NJ
Geologic Disposal of High-Level Nuclear Waste

4/07 Department of Earth & Atmospheric Sciences, SUNY Albany, NY
Unresolved Technical Issues at the Yucca Mountain Nuclear Waste Repository

3/07 Technology and Culture Forum, MIT, Cambridge, MA
New Nuclear Build? A Reality Check

1/07 Keystone Center Energy Board, Keystone Colorado
High-Level Nuclear Waste Disposal and Interim Storage of Spent Nuclear Fuel

12/06 Science, Technology and International Affairs Program, Georgetown University, Washington, DC
The Faulty Concept of Weapons of Mass Destruction

11/06 Materials Research Symposium, Nuclear Waste Management Symposium, Boston, MA
Expansion of Nuclear Energy and the Impact on Nuclear Waste Management Issues

11/06 Future of Nuclear Energy Conference, Bulletin of the Atomic Scientists, Chicago, IL
Open Fuel Cycles, Geologic Disposal of Nuclear Waste?

10/06 Department of Geology, University of Maryland, College Park, MD
Unresolved technical issues at the Yucca Mountain nuclear waste repository

9/06 Geological Society of Washington, Washington, DC
Yucca Mountain and High-Level Nuclear Waste

7/06 Nevada Nuclear Projects Board, Reno NV
Technical Uncertainties at Yucca Mountain

5/06 American Geophysical Union conference, Baltimore, MD
Yucca Mountain and Waste Forms for Nuclear Waste.

5/06 Lifetime Learning Group, Newton, MA
Is Nuclear Energy the Answer to Future Energy Needs?

5/06 High-Level Nuclear Waste Management Conference, Las Vegas, NV
Is Yucca Mountain the Solution for High-Level Nuclear Waste and If Not, Then What?

4/06 Capitol Hill Briefing, organized by AAAS, Washington, DC
The Mythology of the Back End of the Nuclear Fuel Cycle

11/05 Peace Studies Program, Cornell University, Ithaca, NY
The Faulty Concept of Weapons of Mass Destruction

11/05 Nuclear Policy Research Institute, Airlie, VA
Nuclear Power & Global Warming workshop: Plutonium Disposition

9/05 Technology Review Magazine's Emerging Technologies Conference, Cambridge, MA
The Re-Emergence of Nuclear Energy: New Nuclear Build? A Reality Check.

7/05 Plutonium Workshop, University of Cambridge, Cambridge, UK
A Third Way: Storage MOX

3/05 School of Foreign Service, Georgetown University, Washington, DC
Modeling High Level Nuclear Waste Disposal in the US: Are We Placing Uncertainty Underground?

3/05 School of Computational Sciences, George Mason University, Fairfax, VA
High-Level Nuclear Waste Disposal in the US: Burying Uncertainty

2/05 Ford School of Public Policy, University of Michigan, Ann Arbor, MI
High-Level Nuclear Waste in the United States; Are Putting Uncertainty Underground?

2/05 Belfer Center for Science and International Affairs, Harvard University, Cambridge, MA
Uncertainty, Models, and the Way Forward in Nuclear Waste Disposal

11/04 Radioactive Waste Management Course, University of Michigan, Ann Arbor, MI?
High-Level Nuclear Waste in the US: Intersection of Science and Policy Issues

11/04 Knight Fellows Program Seminar Series, MIT, Cambridge, MA
Nuclear Waste Disposal Issues

10/04 Student Pugwash, MIT, Cambridge, MA
National Security and the Presidential Election

10/04 Union of Concerned Scientists/Harvard University, Cambridge, MA
Scientific Integrity and National Security

9/04 Technology and Culture Forum, MIT, Cambridge, MA
Moderator, Nuclear Proliferation: International and Domestic

9/04 Student Pugwash, MIT, Cambridge, MA
Nuclear Waste and the Presidential Election

7/04 16th Summer Symposium for Science and World Affairs, Beijing, China
Weapons of Mass Destruction: Useful Grouping or False Category (the US case)

2/04 Great Decisions, Atlanta, Georgia
Weapons of Mass Destruction

11/03 American Anthropology Association National Meeting, Chicago, IL
Nuclear Waste as an Offshore Object

9/03 Belfer Center for Science and International Affairs, Harvard University, Cambridge, MA
30 Years of Policy at the CSIA

9/03 Program on Science and Global Security, Princeton University, Princeton, NJ
The Path of High-Level Nuclear Waste in the U.S.: A Crash Course?

4/03 Earth, Atmospheric & Planetary Sciences, MIT, Cambridge, MA
High Level Nuclear Waste and Yucca Mountain

4/03 Peace Studies Program, Cornell University, Ithaca, NY
Plutonium Disposal

2/03 School of Earth and Atmospheric Science, Georgia Tech, Atlanta, GA
Is There Any Geology Left in the Geologic Disposal of Nuclear Waste?

2/03 Sam Nunn School of International Affairs, Georgia Tech, Atlanta, GA
The Growing Plutonium Threat

1/03 Western Hemisphere Project, MIT, Cambridge, MA
International Security and the New Congress: Nuclear Issues

10/02 Geological Society of America meeting, Denver, CO
Geoscience and Nuclear Waste Disposal Policy

10/02 Women Talking Work, University of Michigan, Ann Arbor, MI
From Rocks to Bombs: A Woman's Place in the Sciences

9/02 World Energy Policy in the 21st Century, University of Maryland, College Park, MD
Nuclear Energy: Is It the Answer to Our Needs in the 21st Century?

7/02 International Professional Meeting of Independent Technical Security Analysts, Chicago, IL
Military Plutonium Disposition: Ten Years Later and Not Much to Show for It

7/02 Workshop on Radiological Hazards Posed by Nuclear Power Plants, SSP, MIT
Potential Implementation of Dry Storage in the United States

4/02 Congressional House staffers, Washington, DC
Technical problems with disposing of nuclear waste at Yucca Mountain, Nevada

11/01 Society for Risk Analysis, New England, Cambridge, MA
Risks of High-Level Nuclear Waste Disposal: The Yucca Mountain Story

11/01 Institute for Science and Interdisciplinary Studies, Hampshire College, Amherst, MA
Yucca Mountain: Nuclear Solution or New Menace?

11/01 Society for the Social Studies of Science Conference, Cambridge, MA
Terrorism, Science, Technology & Society panel: nuclear issues

10/01 Swords to Solar Flares: Earth Science and the Cold War Workshop, Cornell U, Ithaca, NY
Underlying Yucca Mountain: The Interplay of Geology and Policy in Nuclear Waste Disposal

9/01 Center for International Studies, MIT, Cambridge, MA
Potential for nuclear terrorism in response to the September 11 attacks

9/01 Department of Nuclear Engineering, MIT, Cambridge, MA
Scientific Issues in US Nuclear Waste Disposal

9/01 Managing the Atom, BCSIA, Harvard University, Cambridge, MA
High-Level Nuclear Waste in the US: What Are the Next Steps?

7/01 13th Summer Symposium for Science and World Affairs, Berlin, Germany
US-Russian Plutonium Disposition: Preventing Failure

6/01 Sino-American Transparency Project, Beijing, China
Japan, China and plutonium proliferation issues.

2/01 Japan-US Nonproliferation Workshop, Harvard University, Cambridge, MA
Plutonium disposition methods for both military and civilian plutonium stockpiles

11/00 Managing the Atom Group, BCSIA, Harvard University, Cambridge, MA
Interim storage of Spent Nuclear Fuel in the U.S.

10/00 Plutonium 2000: International Conference on the Future of Plutonium, Brussels, Belgium
U.S. and German Developments in Plutonium Immobilization

10/00 Harvard Museum of Natural History, Harvard University, Cambridge, Massachusetts
Standoff at Yucca Mountain: the Troublesome Legacy of Nuclear Waste

8/00 12th Summer Symposium for Science and World Affairs, Moscow, Russia
The Troublesome Issue of Civil Plutonium Stockpiles

8/00 New Jersey Governor's School for Science, Drew University, New Jersey
The Troublesome Legacy of the Cold War: Nuclear Weapons and Nuclear Waste

7/00 International Workshop on Interim Storage of Spent Fuel, Tokyo University, Tokyo, Japan
Constraints on Implementation of Spent Fuel Storage

5/00 American Geophysical Union meeting, Washington, DC
The Earth Around Us Press Conference

4/00 Managing the Atom Group, BCSIA, Harvard University, Cambridge, MA
Civil Plutonium and High Level Waste Disposition in Germany

3/00 IANUS Group, University of Darmstadt, Darmstadt, Germany
Spent Fuel and Plutonium Disposal in the United States

3/00 German Physical Society Conference, Dresden, Germany
The Options for and Status of Surplus Military Plutonium Disposition in the US and Russia

3/00 Civil Plutonium Workshop, ISIS Conference, Washington, DC
Criteria Governing the Disposal of Immobilized Plutonium

3/00 Security Studies Program, MIT, Cambridge, MA
The Current State of Affairs of Plutonium: Proliferation Dangers and Innovative Solutions

2/00 German Reactor Safety Commission Hearing, Bonn, Germany
Status of US and Russian Weapons plutonium Disposition

2/00 Japan-US Nonproliferation Workshop, Harvard University, Cambridge, MA
Nuclear Waste and the Plutonium Disposition Problem

1/00 Plutonium Workshop, Jülich, Germany
Status of U.S. surplus weapons plutonium disposition

10/99 Geological Society of America National Meeting, Denver, CO
Pardee Symposium on Maintaining a Livable Earth: Conversations Among Concerned Geologists

8/99 Social Science Research Council - MacArthur Foundation, New Delhi, India
Fissile Material Control: Alternatives for the Disposition of Surplus Plutonium

7/99 11th Summer Symposium for Science & World Affairs, Shanghai, China
Whither Excess Military Plutonium in Russia? An Alternative to the Favored Solution

6/99 American Geophysical Union, Boston, MA
Yucca Mountain: The Future High-Level Waste Repository?

4/99 Anthropology Department, Drew University, New Jersey
The Status of Women in the Sciences

3/99 Living with Nuclear Technologies: Our Enduring Nuclear Legacy, University of Wyoming
2 lectures: High Level Radioactive Waste in the U.S.: The Yucca Mountain Story and Panel Discussion of Our Nuclear Legacy

3/99 Environmental Earth Science Department, Eastern Connecticut State University
High-Level Nuclear Waste in the United States

3/99 US- Japan Nuclear Non-Proliferation Dialogue, Tokyo, Japan
2 lectures: Spent Fuel in the U.S.: The Yucca Mountain Saga and US and Russian Plutonium Disposition

2/99 Harvard University – Tokyo University Joint Meeting, Harvard University
Jackass Decision? Interim storage of spent fuel in the U.S

2/99 Women in Science and International Affairs Group, Harvard University
Gender Equity in the Sciences

11/98 Science, Technology & Society Conference, American University of Beirut, Lebanon
Series on Post-War Reconstruction, Gender Equity in the Sciences: A status report from the U.S.

7/98 Landau Network-Centro Volta and UNESCO School on Science for Peace, Como, Italy
Immobilization of Excess Weapons Plutonium: A Rapidly Achievable Disposition Strategy for Russia

6/98 Center for International Security and Arms Control, Stanford University
Jackass Flats: Interim Storage of Spent Fuel

5/98 Social Science Research Council - MacArthur Foundation, San Salvador, El Salvador
Fissile Material Control: Alternatives for the Disposition of Surplus Plutonium

3/98 Geophysics Department, Stanford University
Preventing a Big Bang: Technical Aspects of Plutonium Disposition

2/98 Center for International Security and Arms Control, Stanford University
Plutonium Disposition

1/98 Geological Society of Washington
Women in the Geosciences

11/97 School of Earth Sciences, Stanford University
Women in the Geosciences: Where Are They Today?

10/97 Association of Women Geoscientists 20th Annual Meeting, Snowbird, UT
The status of women in the geosciences

9/97 INESAP International Meeting, Shanghai, China
The disposition of excess weapons plutonium: immobilization alternatives

7/97 9th Summer Symposium for Science and World Affairs, Cornell University
2 lectures: Immobilization of Excess Weapons Plutonium: A Contentious Decision on Waste Form and Plutonium Disposition Tutorial

6/97 21st Actinides Separations Conference, Charleston, South Carolina
Immobilization of Excess Weapons Plutonium

5/97 Center for Science and International Affairs, Harvard University.

4/97 Defense and Arms Control Program, MIT
Immobilization of Excess Weapon Pu: Better Alternatives to Glass

2/97 Japan - CSIA Workshop, Kennedy School, Harvard
The US High-Level Nuclear Waste Program

2/97 Anthropology Department, MIT
Yucca Mountain: A High-Level Nuclear Waste Site for the U.S.?

2/97 Bunting Institute, Radcliffe College
High-Level Nuclear Waste Disposal: What Will Come to Pass?

7/96 8th Summer Symposium on Science and World Affairs, Beijing, China
High-Level Nuclear Waste Disposal: Identification of Problems and Suggestions for Solutions

11/95 Department of Geosciences, University of Maryland, College Park
The tectonic evolution along the core of the Himalayan orogen

5/95 Earth & Atmospheric Sciences Department, Georgia Tech
Making Mountains: Along-strike variations in the Himalayan orogen

3/95 Department of Terrestrial Magnetism, Carnegie Institution of Washington
Along-strike variations in the tectonic evolution of the Main Central Thrust, Nepal Himalaya

11/94 Geological Society of Washington
The tectonic evolution of the crystalline core of the Nepal Himalaya

4/93 Geosciences Department, Dartmouth College
The tectonic evolution of the Main Central Thrust, Himalaya

4/93 Geography and Earth Systems Science Department, George Mason University
The tectonic evolution of the Himalaya

2/93 CMRAE, Massachusetts Institute of Technology
Dating methods for archaeologists

1/93 CMRAE, Massachusetts Institute of Technology
Ancient metal technology in Mexico: the search for tin deposits used in ancient Mexican bronze-making

1/93 Department of Geosciences, University of North Carolina
The thermal evolution of a portion of the core of the Himalaya

11/92 Geology Department, University of Nevada, Las Vegas
The structural evolution of an intracontinental subduction zone: the Main Central Thrust

4/92 Geology Department, Union College
The tectonic evolution of the Himalayan hinterland, central Nepal

3/91 Geosciences Department, Vanderbilt University
A structural and thermobarometric study of the core of the Himalayan orogen, Nepal

2/91 Geology Department, California State University at Fullerton
A petrologic examination of the core of the Langtang Himalaya, Nepal

TEACHING EXPERIENCE:

COURSES TAUGHT:
Energy Policy, GMU, Fairfax, VA
National Security and Technology Policy, GMU, Fairfax, VA
Earth Science and Policy, GMU, Fairfax, VA
Science, Technology and International Affairs, GMU, Fairfax, VA
Environmental Politics, Georgia Tech, Atlanta, GA
Energy and Society, Georgia Tech, Atlanta, GA
Science, Technology and International Affairs, Georgia Tech, Atlanta, GA
Geology of Toxic Waste Disposal, George Mason University, Fairfax, VA
Structural Geology, George Mason University, Fairfax, VA
Field Techniques, George Mason University, Fairfax, VA
Introductory Geology, George Mason University, Fairfax, VA
Gender & Science, George Mason University, Fairfax, VA

Mineralogy and lab, George Mason University, Fairfax, VA
Igneous and Metamorphic Petrology and lab, George Mason University
Field Geology, Massachusetts Institute of Technology, Cambridge, MA
Field Methods, Massachusetts Institute of Technology, Cambridge, MA
Petrographic Methods for Archaeologists, MIT, Cambridge, MA
Metamorphic Petrology laboratory, MIT, Cambridge, MA

THESES/PROJECTS ADVISED:
1/04-4/04 Nuclear Waste Policy Issues – Undergraduate research project for credit at Georgia Institute of Technology
6/03-8/03 The Term Weapons of Mass Destruction: Is It Real and Useful? Undergraduate research project at MIT
5/94-5/96 Two undergraduate theses on the tectonic evolution of the Precambrian rocks of the Sangre de Cristo Mts, New Mexico.
5/94-5/95 Undergraduate thesis on dating the Martian surface.
5/94-5/95 Undergraduate thesis on the structural and tectonics of a major fault zone in the Piedmont geologic province of central Virginia.
6/92-5/93: Undergraduate thesis on a remote sensing project to locate tin ore deposits in Mexico with Landsat images.

GRADUATE STUDENTS:

Main Advisor: Ravi Chaitanya (PhD candidate)
Thomas Schneider (MSc candidate)

Committee Member:
Jason Morris (PhD candidate)
Craing Weinder (PhD candidate)
Cory Vanderpool (PhD candidate)
Debbie Kopsick, (PhD completed, 2011)
David Diamond (PhD completed, 2008)

SERVICE:

National Panels:
Member, GEEI School of Advanced International Studies, Johns Hopkins University, Reprocessing Panel, 12/09 – 3/2010.
•Member, National Academy of Sciences panel on Review of Energy Department's Nuclear Energy R&D Programs, 8/06-12/07.
•Member, Keystone Center's Nuclear Power Joint-Fact Finding, 2006-2007.
•Member, National Academy of Science panel on DOE Study on Immobilization /MOX Assessment, November, 1998-2000.

Conferences Organized:
•Organizer (with Hugh Gusterson), Special Sessions on Fukushima Impacts at the annual Society for the Social Studies of Science Conference, Cleveland, OH, November 4, 2011.
•Lead Organizer, Future of Nuclear Energy Conference, Bulletin of the Atomic Scientists, 2008.

•Co-organizer of Toward a Plan B for High-Level Waste Workshop, George Mason University, Arlington, VA, July 30-31, 2007.
•Co-organizer of American Chemical Society special session on Nuclear Weapons Proliferation at annual meeting in Chicago, IL, March, 2007.
•Lead Organizer, Future of Nuclear Energy Conference, for the Board of the *Bulletin of the Atomic Scientists,* 2006.
•Convener, American Geophysical Union Spring 1999 Meeting special session on geology of Yucca Mountain.
•Organizer of the 11th Annual Himalaya-Karakorum-Tibet Workshop, April 28- May 2, 1996, Flagstaff, AZ

Other:
•Session organizer/chair for the Society for the Social Studies of Science annual meeting, October 2011.
•Moderator, New Approaches to the Nuclear Fuel Cycle Workshop, Center for Strategic and International Studies, Washington, DC, July, 2011
•Moderator, Doomsday Symposium, Bulletin of Atomic Scientists, New York, January, 2010.
•Moderator, Nuclear Energy Panel, Keystone Energy Board meeting, Keystone, CO, February, 2010.
•Guest editor, *Elements* magazine, Energy Issue, 2006-2007.
•Resident Advisory Board, Watertown, MA for the cleanup of the Watertown Arsenal Superfund Site, 2003-present.
•Convener, ICEM Conference in Bruges, Belgium, on Radioactive Waste Management and Environmental Remediation, to be held in September, 2001.
•Member, U.S. – China Workshop on Cooperation Measures, 2000-2001
•Tutor, volunteer at the United South End Settlements, Boston, MA, 1997-1998.
•Member, National Science Foundation Panel for Program on Women and Girls in Science
•Counselor, Geologic Society of Washington, 1995-1996
•Grant proposal reviewer, National Science Foundation, 1995-present
•Northern Virginia Connections for Women community resource speaker, 1994-1997
•Grant proposal reviewer, IREX, 1993-1997
•Public Outreach: March 1999, Canadian Broadcasting Corporation Radio interview on MOX fuel in CANDU reactors; June 1999, National Public Radio's Science Friday interview on Yucca Mountain; August 1999, Los Angeles National Public Radio interview on Yucca Mountain.

UNIVERSITY SERVICE:
•Member, Search Committee, Department of Environmental Science and Policy, 2011-2012
•Member, Search Committee, Department of Environmental Science and Policy, 2010-2011
•Member, Graduate Executive Committee, Department of Environmental Science and Policy, 2010 - 2012
•Chair, Tenure Committee for Susie Crate, Department of Environmental Science and Policy, 2009 - 2010
•Member, Committee on developing a Center for Energy Policy, 2008 – 2010.
•Chair, Committee on Committees, Department of Environmental Science and Policy, 2007 - present

•Chair, Tenure Committee for Nicole Darnall, Department of Environmental Science and Policy, 2008 - 2009
•Member, promotions and tenure subcommittee in Environmental Science and Policy Department, George Mason University, 2006-2008.
•Member, Selection Committee, Knight Fellows Program, MIT, 2005
•Member, Search Committee, International Affairs, Georgia Institute of Technology, 2003-04
•Organizer, Technical Seminar Series, SSP, MIT, 2001-2003
•Organizer, Energy Group seminar series, 1997-1998
•Organizer, Women in Science and International Affairs, 1997-2000
•Member, Radiation Safety Review Board, 1995-1996
•Co-Chair, GESS Teaching Evaluation Committee, 1995
•Member, GESS Search Committee, 1995-96
•Member, GESS Chair Search Committee, 1995-96
•Women's Studies Faculty member
•Undergraduate Advisor (35+ advisees)
•Member, CAS Technology Committee, 1994-1995
•Lecture on Geoarchaeology for GMU Archaeology Video Course
•Member, GESS chair Reappointment Committee, 1994
•Teacher for the Writing Program, GMU
•Member, GESS/CSI Selection Committee, 1992-93

ACTIVITIES & MEMBERSHIPS:
•American Nuclear Society, 1997- 2006
•American Geophysical Union, 1988-2000
•Geological Society of America, 1988-2000
•Sigma Chi, 1993-present
•American Association of University Women, 1993-1997
•Geological Society of Washington, 1994-1997