

CBM 2000-7

Health Risk Communication

January 1990 through October 2000, plus selected earlier citations

847 Citations

Prepared by

Marcia Zorn, M.A., M.L.S., National Library of Medicine
Scott Ratzan, M.D., M.P.A., M.A., *Journal of Health Communication*

2000 October

**U.S. DEPARTMENT OF HEALTH
AND HUMAN SERVICES**
Public Health Service
National Institutes of Health

National Library of Medicine
Reference Section
8600 Rockville Pike
Bethesda, Maryland 20894

SERIES NOTE

Each bibliography in the *Current Bibliographies in Medicine* (CBM) series covers a distinct subject area of biomedicine and is intended to fulfill a current awareness function. Citations are usually derived from searching a variety of online databases. NLM databases utilized include MEDLINE®, BIOETHICSLINE®, HEALTHSTAR™, LOCATORplus®, POPLINE™, PubMed®, and TOXLINE®. The only criterion for the inclusion of a particular published work is its relevance to the topic being presented; the format, ownership, or location of the material is not considered.

Other publications in the *Current Bibliographies in Medicine* series are available at no cost to anyone with Internet access through the Library's World Wide Web site at <http://www.nlm.nih.gov/pubs/resources.html>

Comments and suggestions on this series may be addressed to:

Karen Patrias, Editor
Current Bibliographies in Medicine
Reference Section
National Library of Medicine
Bethesda, MD 20894
Phone: 301-496-6097
Fax: 301-402-1384
Internet: ref@nlm.nih.gov

PUBMED and INTERNET GRATEFUL MED®

To make online searching easier and more efficient, the Library offers two user-friendly interfaces to its databases. Both PubMed and Internet Grateful Med are available from the World Wide Web. The user with Internet access need only point a compatible Web browser to the NLM Web site <http://www.nlm.nih.gov/>. No other software at the user end is required. Searching through either PubMed or Internet Grateful Med is free-of-charge. Further information on both PubMed and Internet Grateful Med may be found at the NLM Web site given above.

For those users without access to the World Wide Web, please contact the Library's Customer Service Desk at 1-888-FINDNLM (301-594-5983 international) or e-mail custserv@nlm.nih.gov for information on alternative ways to search.

*Use of funds for printing this periodical has been approved by the Director
of the Office of Management and Budget through September 30, 2001.*

TABLE OF CONTENTS

	<i>Pages</i>
Introduction	v
Sample Citations	viii
OVERVIEW, BACKGROUND, AND HISTORY	1
GLOBAL ISSUES AND CULTURAL DIVERSITY	4
PUBLIC UNDERSTANDING OF SCIENCE	8
PUBLIC PERCEPTION OF RISK	16
ETHICS OF RISK COMMUNICATION	21
MODELS, TECHNIQUES, AND STRATEGIES OF RISK COMMUNICATION	22
GOVERNMENT AND OTHER AGENCY ROLE IN RISK COMMUNICATION	26
SUBJECT SPECIFIC ISSUES IN RISK COMMUNICATION	
Medical Risk	29
Environmental Risk	38
Industrial Risk	44
Other Risks	48

INTRODUCTION

There are many challenges in how we communicate risk, especially risks to health. Few areas continue to stir debate more than advances in medicine and biotechnology. Stem cell research, vaccine development, and genomic manipulation are but a few of the areas under recent attack. Even public health successes that have decreased morbidity and mortality--such as vaccination, air bags, and fluoridation--have been surrounded by controversy. Scientific and health literacy require understanding, but the incremental and imprecise nature of science and experimentation that contribute to defining risk thrives on doubts, criticism, and debate, which often translate into only theoretical causality and "risk." Furthermore, scientifically valid information is not absolute and may change over time. Translating theoretical (imprecise and incomplete) and changing knowledge of causality and risk has developed into its own body of knowledge called "risk communication." According to a 1996 National Research Council report* risk communication "emphasizes the process of exchanging information and opinion with the public."

Recognizing the challenges to health progress that lie in the communication process, not in the laboratory, we created this issue for the *Current Bibliographies in Medicine* (CBM) series. Our overarching goal was to identify a body of published knowledge relating to risk communication from multiple perspectives. This bibliography was also developed to complement the presentations at the International Symposium on Health Risk Communication: Uncertainty, Stakeholders, and Public Health Action held on November 1-3, 2000 in Bethesda, Maryland. The Symposium was sponsored by the Subcommittees on Risk Communication and Education and International Health of the US Department of Health and Human Services Environmental Health Policy Committee. Citations for the bibliography were gathered from sources including, but not limited to, bibliographic databases, online catalogs, the Internet, and printed publications. Single words ("risk" and "communication") and the phrase "risk communication" were used to search electronically. The contents of some journals were also searched and reviewed in print or electronically. From the 4,000 bibliographic citations located through these sources, English language publications about risk communication were selected which focus primarily on risk communication of scientific information rather than on risk assessment, risk management, risk factors, risk behavior, risk taking, decision making, hazard communication, duty to warn/informed consent, or other dimensions of communicating about health risks. Similarly, this publication does not focus on health interventions, health education, health promotion, or advertising, although these are important topics in the overall picture of how scientific risks are communicated to the public. The scholarship in each of these other subjects alone is far greater than could be represented here. Our concern for this bibliography is with the presentation of scientific risk information; the strategies, tactics, and models that are used to communicate scientific risk information to an audience; and the difficulty of translating scientific knowledge in a meaningful way to enable the public to make informed health decisions.

In the efforts to meet the challenges imposed by scientific progress, perhaps this CBM can help to advance a common lexicon for health literacy, risk comprehension, and public health priorities. Use of such terms such as "infinitesimal" and "probable" in defining risk place a great responsibility on those who determine what information is valuable and salient for their audience. A high ethical standard has thus become necessary for the purveyors of health--whether they are in academia, marketing, publishing, (new) media, or other fields of

* Stern, Paul C.; Fienberg, Harvey V., editors. *Understanding risk: informing decisions in a democratic society*. Washington (DC): National Research Council, Committee on Risk Characterization; 1996. p. 27.

public address. To facilitate optimal decision making, finding ways to increase the quality of information becomes more important than increasing the quantity of information. Ideally, this CBM and the symposium it supports will contribute to the body of communication knowledge that advances salient, valuable, factual, and ethical risk information.

The compilers wish to thank Dorothy Moore of the Specialized Information Services Division, NLM, for her valuable assistance in the production of this bibliography.

This publication is not copyrighted and may be freely reproduced. However any reproductions of this bibliography, in whole or in part, must include all credits. If you wish to cite this bibliography, the correct format is:

Zorn, Marcia; Ratzan, Scott, compilers. Health risk communication [bibliography]. Bethesda (MD): National Library of Medicine (US); 2000 Oct. (Current bibliographies in medicine; no. 2000-7). 847 citations from January 1990 through October 2000, plus selected earlier citations.

Overview, Background, and History

Barr C. Fear not: the art of risk communication. *J Manage Eng* 1996 Jan-Feb;12(1):18-22.

Bennett P, Calman K, editors. *Risk communication and public health*. New York (NY): Oxford University Press; 1999. 272 p.

Borouh M. Understanding risk analysis: a short guide for health, safety and environmental policy making [monograph on the Internet]. Washington (DC): American Chemical Society; 1998 Oct [modified 2000 Aug 23; cited 2000 Oct 13]. [39 p.]. Available from: http://www.rff.org/misc_docs/risk_book.htm

Brehmer B, Sahlin N, editors. *Future risks and risk management*. Boston (MA): Kluwer Academic Publishers; 1994. 251 p. (Technology, risk, and society; 9).

Challenges in risk assessment and risk management. *Ann Am Acad Pol Soc Sci* 1996 May;545:8-183.

Childs B, Hickman F. *Human genetics: one approach to scientific literacy*. Daedalus 1983 Spring;112(2):189-209.

Cottle S. Ulrich Beck, 'risk society' and the media - a catastrophic view? *Eur J Commun* 1998 Mar;13(1):5-32.

Covello V, Allen F. *Seven cardinal rules of risk communication*. Washington (DC): Environmental Protection Agency (US); 1988.

Covello VT, McCallum DB, Pavlova MT, editors. *Effective risk communication: the role and responsibility of government and nongovernment organizations*. New York (NY): Plenum; 1989. 370 p. Workshop on the Role of Government in Health Risk Communication and Public Education, held January 21-23, 1987 in Washington, D.C., sponsored by the Task Force on Environmental Cancer and Heart and Lung Disease. (Contemporary issues in risk analysis; vol. 4).

Davies CJ, Covello VT, Allen FW, editors. *Risk communication: proceedings of the national conference*. Washington (DC): The Conservation Foundation; 1987.

Department of Health and Human Services (US), PHS Environmental Health Policy Committee, Subcommittee on Risk Communication and Education. *Recommendations to improve health risk communication: a report on case studies in health risk communication* [monograph on the Internet]. Washington (DC): The Department; 1994 Nov [modified 1999 Oct 8; cited 2000 Sep 25]. Available from:

<http://www.health.gov/environment/Recomm/reportT OC.htm>

Depoe S. *Risk communication bibliography* [bibliography on the Internet]. Cincinnati (OH): University of Cincinnati, Center for Environmental Communication Studies; 1995 Jun 21 [modified 2000 Jul 17; cited 2000 Sep 25]. [9 p.]. Available from: <http://excellent.com.utk.edu/~mmmiller/bib.html>

Durbin ME, Klein SH, Molony ST, Wade CR, Wahl LE. And now, from the company that brought you the seven-eyed trout: risk communication in action. Los Alamos (NM): Los Alamos National Laboratory; 1993. Report No.: LA-UR-92-2416. Contract No.: W-7405-ENG-36. 9 p. Available from: NTIS, Springfield, VA; DE92018614.

Fischhoff B. Risk perception and communication unplugged: twenty years of process. *Risk Anal* 1995 Apr 1;15(2):137-45. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95320393&dopt=Abstract

Fischhoff B. Treating the public with risk communications: a public health perspective. *Sci Technol Hum Values* 1987 Summer-Fall;12(3-4):1-19.

Fischhoff B, Bostrom A, Quadrel MJ. Risk perception and communication. *Annu Rev Public Health* 1993;14:183-203. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93312373&dopt=Abstract

Fischhoff B. Risk: a guide to controversy. In: *National Research Council (US). Report of the Committee on Risk Perception and Communication, Commission on Social Sciences and Education*. Washington (DC): The Council; 1989. p. 211-319.

Fisher A. Risk communication challenges. *Risk Anal* 1991 Jun;11(2):173-9.

Fong GT, Rempel LA, Hall PA. Challenges to improving health risk communication in the 21st century: a discussion. *J Natl Cancer Inst Monogr* 1999;(25):173-6. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/173>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314227&dopt=Abstract

Freire-Maia A. Nuclear and other risks: evaluation on their acceptability. *Interiencia* 1997;22(5):264-8.

Garrick BJ, Gekler WC. The analysis, communication, and perception of risk. *Proceedings of the Annual Meeting of the Society for Risk Analysis*; 1989 Oct 29-Nov 1; San Francisco. New

York (NY): Plenum Press; 1991. 713 p. (Advances in risk analysis; 9).

Garvey WD, Griffith BC. Scientific communication as a social system. The exchange of information on research evolves predictably and can be experimentally modified. *Science* 1967 Sep 1;157(792):1011-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=67215059&dopt=Abstr

Gotsch AR, Goldstein B. Strategies to improve risk communication: foreword. *Health Educ Q* 1991 Fall;18(3):269-71.

Griffin RJ, Friedman SM, Rich RC, editors. Risk communication in a democratic society: Annotated subindex to a Risk symposium [monograph on the Internet]. Concord (NH): Franklin Pierce Law Center; c1999 [modified 1999 Nov 20; cited 2000 Oct 13]. [1 p.]. Available from: <http://www.fplc.edu/risk/demindx.htm>

Griggs K. Risk communication [book review]. *Tech Commun Q* 1997 Winter;6:1959. Review of Lundgren, Regina E. Publication: Battelle Press, 1994. ISBN: 093547076X.

Hadden SG. Institutional barriers to risk communication. *Risk Anal* 1989 Sep;9(3):301-8.

Hayes MV. On the epistemology of risk: language, logic and social science. *Soc Sci Med* 1992 Aug;35(4):401-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92390752&dopt=Abstr

Holland WW. Advances in epidemiology and disease prevention. *Ann Acad Med Singapore* 1995 Mar;24(2):230-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95382521&dopt=Abstr

Johnson BB. Coping with paradoxes of risk communication: observations and suggestions. *Risk Anal* 1993 Jun;13(3):241-3.

Johnson BB, Slovic P. "Improving" risk communication and risk management: legislated solutions or legislated disasters? [editorial]. *Risk Anal* 1994 Dec;14(6):905-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95148911&dopt=Abstr

Johnson FR, Fisher A. Conventional wisdom on risk communication and evidence from a field experiment. *Risk Anal* 1989 Jun;9(2):209-13.

Jungermann H, Wiedemann PM. Risk communication - introduction. *Eur Rev Appl Psychol* 1995;45(1):3-5.

Konheim CS. Risk communication in the real world. *Risk Anal* 1988 Sep;8(3):367-73. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89072222&dopt=Abstr

Laird FN. The decline of deference: the political context of risk communication. *Risk Anal* 1989 Dec;9(4):543-50.

Lakey J. Informing the public about radiation--the messenger and the message: 1997 G. William Morgan lecture. *Health Phys* 1998 Oct;75(4):367-74. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98424281&dopt=Abstr

Leiss W. Three phases in the evolution of risk communication practice. *Ann Am Acad Polit Soc Sci* 1996 May;545:85-94.

Lewis JR. A citizens right to know: risk communication and public-policy- Hadden, SG. *Policy Stud J* 1989 Summer;17(4):952-4.

Licciardone JC. Risk Communication and Public Health [book review]. *BMJ* 2000 Oct 21;321(7267):1026A. Available from: <http://bmj.com/cgi/content/full/321/7267/1026/a>

Lum MR. Environmental public-health: future-direction, future skills. *Fam Community Health* 1995 Apr;18(1):24-35.

Lum MR, Tinker TL. A primer on health risk communication: principles and practices. Washington (DC): Agency for Toxic Substances and Disease Registry (US); 1994. Available from: US Government Printing Office, Washington, DC; no: HE 20.502:97024783. Also available from: <http://www.atsdr.cdc.gov/HEC/primer.html>

Maibach E, Holtgrave DR. Advances in public health communication. *Annu Rev Public Health* 1995;16:219-38. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95367107&dopt=Abstr

Mason JO. Keynote address. *Food Drug Law J* 1991 Jan;46(1):7-13. Address by the Assistant Secretary for Health on Risk assessment and Risk Communication, US Department of Health and Human Services, discussing the challenges facing the Public Health Service concerning risk assessment.

McCallum DB. Risk communication: a tool for behavior change. *NIDA Res Monogr* 1995;155:65-89.

Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96162684&dopt=Abstr

McCallum DB. Risk communication: a tool for behavior change. In: Backer TE, editor. *Reviewing the behavioral science knowledge base on technology transfer* [monograph on the Internet]. Rockville (MD): National Institute on Drug Abuse (US); 1995. p. 71-89. (NIDA research monograph; 155).

Available from:

<http://www.nida.nih.gov/pdf/monographs/155.pdf>

McLeroy KR. Issues in risk communication. *Health Educ Res* 1989 Jun;4(2):169-71.

Menzel H. Scientific communication: five themes from social science research. *Am Psychol* 1966 Nov;21(11):999-1004. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=67022394&dopt=Abstr

Miller JD. Scientific literacy: A conceptual and empirical review. *Daedalus* 1983 Spring;112(2):29-48.

Miller JD, Prewitt K, Pearson R. *The attitudes of the U.S. public toward science and technology: An analytic report*. Chicago (IL): University of Chicago, National Opinion Research Center; 1982.

Morgan MG, Fischhoff B, Bostrom B, Lave L, Atman CJ. *Communicating risk to the public*. *Environ Sci Technol* 1992 Nov;26(11):2048-56.

National Health Service (UK), Department of Health. *Communicating about risks to public health; pointers to good practice* [monograph on the Internet]. London (UK): NHS Executive; 1998; c1999 [modified 2000 Jan 14; cited 2000 Sep 25]. [23 p.]. Available from: <http://www.doh.gov.uk/pointers.htm>

National Research Council (US), Committee on Risk Perception and Risk Communication. *Improving risk communication* [monograph on the Internet]. Washington (DC): National Academy Press; c1989 [modified 2000 May 19; cited 2000 Sep 25]. Available from: <http://www.nap.edu/books/0309039436/html/>

Nicholson PJ. *Communicating health risk*. *Occup Med (Lond)* 1999 May;49(4):253-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99404166&dopt=Abstr

Nicholson PJ. *Communicating occupational and environmental issues*. *Occup Med (Lond)* 2000 May;50(4):226-30. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20370073&dopt=Abstr

Oriordan T, Jungermann H, Kasperson RE, Wiedemann PM. *Themes and tasks of risk communication: a report of an international-conference held at Kfa Julich*. *Risk Anal* 1989 Dec;9(4):513-8.

Perry SD. R(X) for risk communication. *Civil Eng* 1996 Aug;66(8):61-3.

Plough A, Krimsy S. *The emergence of risk communication studies: social and political context*. *Sci Technol Hum Values* 1987 Sum-Fall;12(3-4):4-10.

Powell D. *An introduction to risk communication and the perception of risk* [monograph on the Internet]. Guelph (Ontario, Canada): University of Guelph, Ontario Agricultural College; c1996 [1998 Aug 26; cited 2000 Oct 23]. [16 p.]. Available from: <http://www.oac.uoguelph.ca/riskcomm/rc-basics/risk-review/risk-review.htm>

Ratzan SC. *Strategic health communication and social marketing on risk issues*. *J Health Commun* 1999 Jan-Mar;4(1):1-6. Fulltext at http://www.aed.org/JHealthCom/V4/N1/editorial_v4n1.htm. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20331072&dopt=Abstr

Regan MJ, Desvousges WH. *Communicating environmental risks: a guide to practical evaluations*. Research Triangle Park (NC): Research Triangle Institute; 1991. Grant No.: EPA-R-814676. 107 p. (Risk communications series). Available from: NTIS, Springfield, VA; PB91-168336. Sponsored by the Environmental Protection Agency, Office of Policy, Planning and Evaluation, Washington.

Reid SG. Perception and communication of risk, and the importance of dependability. *Struct Saf* 1999;21(4):373-84.

Risk analysis: facing the new millennium [database on the Internet]. Abstracts of the 9th Annual Meeting of the Society for Risk Analysis-Europe; 1999 Oct 10-13; Rotterdam, Netherlands. Knoxville (TN): Tec-Com, Inc.; [modified 2000 Jul 17; cited 2000 Oct 23]. Available from: <http://www.riskworld.com/Abstract/ab9me007.htm>

Risk Assessment and Policy Association. *Cumulative index* [monograph on the Internet]. Concord (NH): Franklin Pierce Law Center; 1999 [modified 1999 Nov 20; cited 2000 Oct 12]. [2 p.]. Complete index to the journal *Risk* through Volume 10.3 Full text through Volume 9 is online. Available from: <http://www.fplc.edu/tfield/rskindx.htm>

RiskWORLD [homepage on the internet]. Knoxville (TN): Tec-Com, Inc.; c1998-2000 [modified 2000

Sep 23; cited 2000 Sep 25]. Available from:
<http://www.riskworld.com/>

Rodgers JE. Introduction of section: overarching considerations in risk communications: romancing the message. *J Natl Cancer Inst Monogr* 1999;(25):21-2. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314204&dopt=Abstract

Ruckelshaus WD. Science, risk, and public policy. *Science* 1983 Sep 9;221(4615):1026-8. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=83275756&dopt=Abstract

Stern PC, Fineberg HV, editors. *Understanding risk: informing decisions in a democratic society*. Washington (DC): National Academy Press; 1996. 264 p.

Sumner D. Exploring risk communication [book review]. *Nature* 1997 Jan 9;385(6612):129-30. Review of the book by JM Gutteling and O Wiegman.

Szasz A. Improving risk communication: National Research Council Committee on Risk Perception and Communication. *Contemp Sociol* 1991 Jan;20(1):94-5.

Thinking about risk [monograph on the Internet]. Ann Arbor (MI): Center for Informed Decision Making; c1998 [modified 1999 Jan 31; cited 2000 Sep 25]. Available from: <http://cygnus-group.com/CIDM/risk.html>

Tinker TL, Silberberg PG. *An evaluation primer on health risk communication programs and outcomes* [monograph on the Internet]. Washington (DC): Department of Health and Human Service (US), Public Health Service; 1997 May [modified 1997 Aug 14; cited 2000 Sep 25]. Available from:
<http://www.atsdr.cdc.gov/HEC/evalprmr.html>

Trauth JM. A case study of health risk communication: what the public wants and what it gets. *Risk* [serial on the Internet] 1994 Winter [cited 2000 Oct 12];5:49 passim [10 screens]. Available from:
<http://www.fplc.edu/RISK/vol5/winter/trauth.htm>

Global Issues and Cultural Diversity

Astrom AN, Awadia AK, Bjorvatn K. Perceptions of susceptibility to oral health hazards: a study of women in different cultures. *Community Dent Oral Epidemiol* 1999 Aug;27(4):268-74. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99331518&dopt=Abstract

Ayish M. Risk communication: a cross-cultural study. *Eur J Commun* 1991 Jun;6(2):213-22.

Charles JC, Menzie CA. Identifying south-east Asian immigrant populations in Massachusetts at risk from eating contaminated shellfish. *J Environ Manage* 1998;52(2):161-71.

Chess C, Salomone KL, Hance BJ, Saville A. Results of a national symposium on risk communication: new steps for government agencies. *Risk Anal* 1995 Apr;15(2):115-25.

Choi YS, Kim JS, Lee BW. Public's perception and judgment on nuclear power. *Ann Nucl Energy* 2000;27(4):295-309.

Communication Initiative [homepage on the Internet]. Victoria (British Columbia, Canada): The Initiative; [cited 2000 Oct 23]. A partnership between The Rockefeller Foundation, UNICEF, USAID, WHO, BBC World Service, CIDA, Johns Hopkins University's Center for Communication Programming, UNFPA, Soul City and Panos. The network seeks to support action on various areas of health through communication. Available from:
<http://www.comminit.com/>

Dake K. Myths of nature: culture and the social construction of risk. *J Soc Issues* 1992 Winter;48(4):21-37.

el Katsha S, Watts S. Schistosomiasis in two Nile delta villages: an anthropological perspective. *Trop Med Int Health* 1997;2(9):846-54. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97460661&dopt=Abstract

Emblad H. What would happen in the world if "sensible drinking" was adopted as a reasonable concept and advertised universally? *Addiction* 1995 Feb;90(2):169-71. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95218583&dopt=Abstract

Essien EJ, Ross MW, Linares AC, Osemene NI. Perception of reliability of human immunodeficiency virus/AIDS information sources. *J Natl Med Assoc* 2000 Jun;92(6):269-74. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20375334&dopt=Abstr

Finucane ML, Maybery MT. Risk perceptions in Australia. *Psychol Rep* 1996 Dec;79(3 Pt 2):1331-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97162927&dopt=Abstr

Firth P. Consuming fears: in Britain, doubts about science allow food scares to flourish. *Sci Am* [serial on the Internet] 1999 Jan [modified 1999 Oct 21; cited 2000 Oct 11]:[2 p.]. Available from: <http://www.sciam.com/1999/0199issue/0199techbus3.html>

Howson CP, Fineberg HV, Bloom BR. The pursuit of global health: the relevance of engagement for developed countries. *Lancet* 1998 Feb 21;351(9102):586-90. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98153746&dopt=Abstr

Huerta EE, Macario E. Communicating health risk to ethnic groups: reaching Hispanics as a case study. *J Natl Cancer Inst Monogr* 1999;(25):23-6. Comment in: *J Natl Cancer Inst Monogr* 1999;(25):35-42. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/23>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314205&dopt=Abstr

Jianguang Z. Environmental hazards in the Chinese public's eyes. *Risk Anal* 1993 Oct;13(5):509-13. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94082211&dopt=Abstr

Kasperson RE, Stallen PJ, editors. *Communicating risks to the public: international perspectives*. Boston (MA): Kluwer Academic Publishers; 1991. 481 p. (Technology, risk, and society; vol. 4).

Kelly NR, Groff JY. Exploring barriers to utilization of poison centers: a qualitative study of mothers attending an urban Women, Infants, and Children (WIC) Clinic. *Pediatrics* 2000 Jul;106(1 Pt 2):199-204. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=920347436&dopt=Abstract

Krishnatray PK, Melkote SR. Public communication campaigns in the destigmatization of leprosy: a comparative analysis of diffusion and participatory approaches. A case study in Gwalior, India. *J Health*

Commun 1998 Oct-Dec;3(4):327-44. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20331086&dopt=Abstr

Liu JT, Smith VK. Risk communication and attitude change: Taiwan national debate over nuclear power. *J Risk Uncertain* 1990 Dec;3(4):331-49.

Lofstedt RE. The Barseback nuclear plant case. *Energy Policy* 1996 Aug;24(8):689-96.

Lofstedt RE. Risk communication in the Swedish energy sector. *Energy Policy* 1993 Jul;21(7):768-72.

Lofstedt RE, Renn O. The Brent Spar controversy: an example of risk communication gone wrong. *Risk Anal* 1997 Apr;17(2):131-6.

Marcus AC. New directions for risk communication research: a discussion with additional suggestions [comment]. *J Natl Cancer Inst Monogr* 1999;(25):35-42. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/35>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314207&dopt=Abstr

McEwan AC, Simon SL, Baverstock KF, Trott KR, Sankaranarayanan K, Paretzke HG. Some reflections on the role of the Scientific Advisory Panel to the Marshall Islands nationwide radiological study. *Health Phys* 1997 Jul;73(1):265-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97342539&dopt=Abstr

McLellan JW. Hazardous substances and the right to know in Canada. *Int Labour Rev* 1989;128(5):639-50.

Menzie CA. Risk communication and careful listening: resolving alternative world views. *Hum Ecol Risk Assess* 1998 Jun;4(3):619-22.

Mulvad G, Pedersen HS. Communication about health and the risk effect of eating traditional food. *Int J Circumpolar Health* 1998;57 Suppl 1:222-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99193238&dopt=Abstr

Myhre SL, Li VC, Guan JH, Wang ZJ. Cancer knowledge and perceptions among Chinese factory workers: implications for cancer control and prevention. *Cancer Detect Prev* 1996;20(3):223-33. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96365540&dopt=Abstr

Ndeki SS, Klepp KI, Seha AM, Leshabari MT. Exposure to HIV/AIDS information, AIDS knowledge, perceived risk and attitudes toward people with AIDS among primary school-children in northern Tanzania. *AIDS Care* 1994;6(2):183-91. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94339209&dopt=Abstract

Nicoll A, Laukamm-Josten U, Mwizarubi B, Mayala C, Mkuye M, Nyembela G, Grosskurth H. Lay health beliefs concerning HIV and AIDS--a barrier for control programmes. *AIDS Care* 1993;5(2):231-41. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93320160&dopt=Abstract

Nohrstedt SA. The information crisis in Sweden after Chernobyl. *Media Cult Soc* 1991 Cot;13:477-97. Part of a symposium on covering the environment.

Nzioka C. Lay perceptions of risk of HIV infection and the social construction of safer sex: some experiences from Kenya. *AIDS Care* 1996 Oct;8(5):565-79. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97049177&dopt=Abstract

Osei EK, Amoh GE, Schandorf C. Risk ranking by perception. *Health Phys* 1997 Feb;72(2):195-203. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97157420&dopt=Abstract

Otway H. Experts, risk communication, and democracy. *Risk Anal* 1987 Jun;7(2):125-9.

Poumadere M. Levels of uncertainty, decision making and risk communication: the siting of nuclear waste in France and the United Kingdom. *Cachan (France): Ecole Normale Supérieure*, 94; 1999 Dec 31. 31 p. Available from: NTIS, Springfield, VA; DE99636281.

Rowe G, Frewer L, Sjöberg L. Newspaper reporting of hazards in the UK and Sweden. *Public Underst Sci* 2000 Jan;9(1):59-78.

Ruibal-Mendieta NL, Lints FA. Novel and transgenic food crops: overview of scientific versus public perception. *Transgenic Res* 1998 Sep;7(5):379-86. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99076323&dopt=Abstract

Ryan CA. Risk communication in the cultural studies composition classroom. In: ERIC digests [database

on the Internet]. Bloomington (IN): Indiana University, ERIC Clearinghouse on Reading, English, and Communication; 1996 [modified 2000 May 19; cited 2000 Aug 15]. Available from: ERIC Document Reproduction Service, Washington, DC; ED399569. Available from: http://www.ed.gov/databases/ERIC_Digests/ed399569.html

Salminen S, Johansson A. Occupational accidents of Finnish- and Swedish-speaking workers in Finland: a mental model view. *Int J Occup Saf Ergon* 2000;6(2):293-306. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20387575&dopt=Abstract

Sauer BA. Communicating risk in a cross-cultural context - a cross-cultural comparison of rhetorical and social understandings Inus and British mine safety training programs. *J Bus Tech Commun* 1996 Jul;10(3):306-29.

Selected resources on risk communication, risk management and sustainable development [monograph on the Internet]. Jülich (Germany): Forschungszentrum Jülich; 2000 Mar 23 [modified 2000 Oct 5; cited 2000 Oct 20]. Available from: http://www.kfa-juelich.de/mut/mut_links_e.html

Shepherd J. International comparison of awareness and attitudes towards coronary risk factor reduction: the HELP study. *Heart European Leaders Panel. Atherosclerosis* 1998 Apr;137 Suppl:S117-23. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98357924&dopt=Abstract

Slovic P, Kraus N, Lappe H, Major M. Risk perception of prescription drugs: report on a survey in Canada. *Can J Public Health* 1991 May-Jun;82(3):S15-20, S38-44. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91356436&dopt=Abstract

Smith EA. Cultural and linguistic factors in worker notification to blue collar and no-collar African-Americans. *Am J Ind Med* 1993 Jan;23(1):37-42. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135218&dopt=Abstract

Sone T. Exposure of Japanese school children to smoking-related environmental factors. *J Epidemiol* 2000 May;10(3):183-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20317884&dopt=Abstract

Svenkerud PJ, Singhal A. Enhancing the effectiveness of HIV/AIDS prevention programs targeted to unique population groups in Thailand: lessons learned from applying concepts of diffusion of innovation and social marketing. *J Health Commun* 1998 Jul-Sep;3(3):193-216. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20331080&dopt=Aabstract

Tassew A. Reporting a pandemic: a comparative study of AIDS news coverage in African and European prestige dailies [dissertation]. Goteborg (Sweden): Goteborgs Universitet, Institutionen for Journalistik och Masskommunikation; 1995. 235 p. (Goteborg studies in journalism and mass communication; no. 8).

Van Eijndhoven JC, Weterings RA, Worrell CW, de Boer J, et al. Risk communication in the Netherlands: the monitored introduction of the EC "post-Seveso" directive. *Risk Anal* 1994 Feb;14(1):87-96.

Vaughan E. The significance of socioeconomic and ethnic diversity for the risk communication process. *Risk Anal* 1995 Apr;15(2):169-80.

Watterson A. Whither lay epidemiology in UK public health policy and practice? Some reflections on occupational and environmental health opportunities. *J Public Health Med* 1994 Sep;16(3):270-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95092331&dopt=Aabstract

Weterings RA, Van Eijndhoven JC. Informing the public about uncertain risks. *Risk Anal* 1989 Dec;9(4):473-82.

Wheatley MA. The importance of social and cultural effects of mercury on aboriginal peoples. *Neurotoxicology* 1996;17(1):251-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96379287&dopt=Aabstract

Wheatley MA. Social and cultural impacts of environmental change on aboriginal peoples in Canada. *Int J Circumpolar Health* 1998;57 Suppl 1:537-42. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99193298&dopt=Aabstract

Wiegman O, Boer H, Gutteling JM. The development of reactions of the public to warning and emergency situations in France, Greece, and the Netherlands. *J Soc Psychol* 1992 Feb;132:101-16.

Wiegman O, Gutteling JM. Risk appraisal and risk communication: some empirical data from the

Netherlands reviewed. *Basic Appl Soc Psych* 1995 Feb;16(1-2):227-49. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92374527&dopt=Aabstract

Williams D. From BSE to MDT, scientific opinion and public policy on risks in medical devices. *Med Device Technol* 1998 Nov;9(9):6-8, 10-1. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99139396&dopt=Aabstract

Witte K, Berkowitz JM, Lillie JM, Cameron KA, Lapinski MK, Liu WY. Radon awareness and reduction campaigns for African Americans: a theoretically based evaluation. *Health Educ Behav* 1998 Jun;25(3):284-303. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98277467&dopt=Aabstract

Yamagishi K, Kitano M, Morinaga E, Iwamura T, Matsubara T, Nagae N. Perception of dioxin and other risks in Japan: replication and extension. *Percept Mot Skills* 1999;88(3 Pt 1):1009-18. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99336248&dopt=Aabstract

Yep GA. Communicating the HIV/AIDS risk to Hispanic populations: a review and integration. *Hispanic J Behav Sci* 1992 Nov;14(4):403-20.

Public Understanding of Science

Abelson PH. Uncertainties about health effects of radon [editorial]. *Science* 1990 Oct 19;250(4979):353. Comment in: *Science* 1991 Feb 15;251(4995):724-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91019464&dopt=Abstract

Adelstein SJ. Uncertainty and relative risks of radiation exposure. *JAMA* 1987 Aug 7;258(5):655-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87284223&dopt=Abstract

Adelswärd V, Sachs L. The meaning of 6.8: numeracy and normality in health information talks. *Soc Sci Med* 1996 Oct;43(8):1179-87. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97058908&dopt=Abstract

Alsop S. Understanding understanding: a model for the public learning of radioactivity. *Public Underst Sci* 1999;8:267-84.

Atterstam I. Media and risk communication. *Toxicol Lett* 1995;82-83:211-3. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96170094&dopt=Abstract

Bell A. Climate of opinion: public and media discourse on the global environment. *Discourse Soc* 1994 Jan;5(1):33-64.

Bellicha T, McGrath J. Mass media approaches to reducing cardiovascular disease risk. *Public Health Rep* 1990 May-Jun;105:245-52. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=2113682&dopt=Abstract

Berger ES, Hende WR. The expression of health risk information. *Arch Intern Med* 1989 Jul;149(7):1507-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89301753&dopt=Abstract

Blake ER. Understanding outrage: how scientists can help bridge the risk perception gap. *Environ Health Perspect* [serial on the Internet] 1995 Sep [modified 1998 Dec 2; cited 2000 Oct 23];103 Suppl 6:123-5. Available from: [http://ehpnet1.niehs.nih.gov/docs/1995/103\(S6\)/blake-abs.html](http://ehpnet1.niehs.nih.gov/docs/1995/103(S6)/blake-abs.html)

Boffey PM, Rodgers JE, Schneider SH. Interpreting uncertainty: a panel discussion. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 81-91.

Brody JE. Communicating cancer risk in print journalism. *J Natl Cancer Inst Monogr* 1999;(25):170-2. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/170>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314226&dopt=Abstract

Bruine de Bruin W, Fischhoff B, Millstein SG, Halpern-Felsher BL. Verbal and numerical expressions of probability: "it's a fifty-fifty chance". *Organ Behav Hum Decis Process* 2000 Jan;81(1):115-31.

Bryant GD, Norman GR. The communication of uncertainty. *Annu Conf Res Med Educ* 1979 Nov;18:205-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=80041020&dopt=Abstract

Bybee RW. Toward an understanding of scientific literacy. In: Comfort K, editor. *Advancing standards for science and mathematics education: views from the field* [monograph on the Internet]. Washington (DC): American Association for the Advancement of Science, Directorate for Education and Human Resources Programs; c1999 [modified 1999 Jun 11; cited 2000 Sep 25]. [24 p.]. Available from: <http://ehrweb.aas.org/ehr/forum/bybee.html>

Calman KC. Cancer: science and society and the communication of risk. *BMJ* 1996 Sep 28;313(7060):799-802. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96439764&dopt=Abstract

Campbell DM. Risk language and dialects. expressing risk in relative rather than absolute terms is important [letter]. *BMJ* 1998 Apr 18;316(7139):1242-3. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98221060&dopt=Abstract

Carpenter DO. Communicating with the public on issues of science and public health. *Environ Health Perspect* 1995 Sep;103 Suppl 6:127-30. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96127585&dopt=Abstract

Chipman H, Kendall P, Slater MD, Auld G. Audience responses to a risk communication message in four media formats: Use of agricultural chemicals in the food supply. *J Nutr Educ* 1996 May/Jun;28(3):133-9.

Cohn LD, Schydlower M, Foley J, Copeland RL. Adolescents' misinterpretation of health risk probability expressions. *Pediatrics* 1995 May;95(5):713-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=7724309&dopt=Abstract

Coleman CL. The influence of mass media and interpersonal communication on societal and personal risk judgments. *Commun Res* 1993 Aug;20(4):611-8.

Coleman CL. Science, technology and risk coverage of a community conflict. *Media Cult Soc* 1995 Jan;17(1):65-79.

Communicating emerging scientific information. *Nutr Rev* 1996 May;54(5):153-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96378276&dopt=Abstract

Covello VT. Communicating information about the health risks of radioactive waste: a review of obstacles to public understanding. *Bull N Y Acad Med* 1989 Apr-May;65(4):467-82. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90057847&dopt=Abstract

Covello VT, Slovic P, von Winterfeldt D. Communicating risk information to the public. *Risk Abstr* 1986;3:1-14.

Dearing JW, Rogers EM. AIDS and the media agenda. In: Edgar T, Fitzpatrick MA, editors. *AIDS: a communication perspective*. Hillsdale (NJ): Lawrence Erlbaum Associates, Inc.; 1992. p. 173-94.

Dornan C. Some problems in conceptualizing the issue of science and the media. *Crit Stud Mass Commun* 1990 Mar;7(1):48-71.

Dumanoski D, Farland WH, Krimsky S. Science in the public arena: a panel discussion. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 167-75.

Dunnette DA. Assessing risks and preventing disease from environmental chemicals. *J Community Health* 1989 Fall;14(3):169-86. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90094743&dopt=Abstract

Dunwoody S. Community structure and media risk coverage. *Risk* [serial on the Internet] 1994 Summer [cited 2000 Oct 23];5:193 passim [4 p.]. Available from: <http://www.fplc.edu/RISK/vol5/summer/dunwoody.htm>

Dunwoody S. Scientists, journalists, and the meaning of uncertainty. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 59-79.

Einsiedel E, Thorne B. Public responses to uncertainty. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 43-57. (LEA's communication series).

Evered D, O'Connor M, editors. *Communicating science to the public*. London (UK): Ciba Foundation; 1987. 214 p. Papers presented at the Conference on the Communication of Science, 14-16 Oct 1986.

Finer D, Tomson G, Bjorkman NM. Ally, advocate, analyst, agenda-setter? Positions and perceptions of Swedish medical journalists. *Patient Educ Couns* 1997 Jan;30(1):71-81. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=9110834&dopt=Abstract

Finkel AM. Toward less misleading comparisons of uncertain risks: the example of aflatoxin and alar. *Environ Health Perspect* 1995;103(4):376-85. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95331189&dopt=Abstract

Fischhoff B. What forecasts (seem to) mean. *Int J Forecast* 1994 Nov;10(3):387-403.

Fox CR, Irwin JR. The role of context in the communication of uncertain beliefs. *Basic Appl Soc Psychol* 1998 Mar;20(1):57-70.

Franklin Pierce Law Center. Technical risk in the mass media [bibliography on the Internet]. Concord (NH): The Center; c1996 [modified 1996 Nov 17; cited 2000 Sep 25]. [1 p.]. Available from: <http://www.fplc.edu/risk/medindx.htm> Annotated subindex to a symposium published in the journal *Risk*.

Freimuth V, Linnan HW, Potter P. Communicating the threat of emerging infections to the public. *Emerg Infect Dis* 2000 Jul;6(4):337-47. Available from: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=20366453&dopt=A
bstract

Freimuth VS, Van Nevel JP. Channels and vehicles of communication: the asbestos awareness campaign. *Am J Ind Med* 1993 Jan;23(1):105-11. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135199&dopt=A
bstract

Freudenburg WR, Coleman CL, Gonzales J, Helgeland C. Media coverage of hazard events: analyzing the assumptions. *Risk Anal* 1996 Feb;16(1):31-42.

Freudenburg WR, Rursch JA. The risks of "putting the numbers in context": a cautionary tale. *Risk Anal* 1994 Dec;14(6):949-58. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95148916&dopt=A
bstract

Friedman K. Understanding risk numbers [monograph on the Internet]. Bethlehem (PA): Lehigh University; [modified 1995 Sep 16; cited 2000 Aug 21]. [2 p.]. Available from:
<http://www.lehigh.edu/kaf3/public/www-data/risk/risknumb.html>

Friedman SM. The media, risk assessment and numbers: they don't add up. *Risk [serial on the Internet]* 1994 Summer [cited 2000 Oct 23];5:203 pasim [6 screens]. Available from:
<http://www.fplc.edu/risk/vol5/summer/friedman.htm>

Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999.

Gelb BD, Boutwell WB, Cummings S. Using mass media communication for health promotion: results from a cancer center effort. *Hosp Health Serv Adm* 1994 Fall;39(3):283-93. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95013436&dopt=A
bstract

Golding D, Krinsky S, Plough A. Evaluating risk communication: narrative vs. technical presentations of information about radon. *Risk Anal* 1992 Mar;12(1):27-35. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92245157&dopt=A
bstract

Grant LD, Jarabek AM. Research on risk assessment and risk management: future directions. *Toxicol Ind Health* 1990 Oct;6(5):217-33. Available from:
<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=91111409&dopt=A
bstract

Gribble JN. Informed consent documents for BRCA1 and BRCA2 screening: how large is the readability gap? *Patient Educ Couns* 1999 Nov;38(3):175-83. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20324004&dopt=A
bstract

Griffin RJ, Dunwoody S, Gehrman C. The effects of community pluralism on press coverage of health risks from local environmental contamination. *Risk Anal* 1995 Aug;15(4):449-58. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96021660&dopt=A
bstract

Grilli R, Freemantle N, Minozzi S, Domenighetti G, Finer D. Mass media interventions: effects on health services utilisation. *Cochrane Database Syst Rev* 2000;(2):CD000389. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20257629&dopt=A
bstract

Gunter B, Kinderlerer J, Beyleveld D. The media and public understanding of biotechnology. *Sci Commun* 1999 Jun;20(4):373-94.

Gutteling JM. A field experiment in communicating a new risk: effects of the source and a message containing explicit conclusions. *Basic Appl Soc Psych* 1993 Sep;14(3):295-316.

Heath RL, Gay CD. Risk communication: involvement, uncertainty, and control's effect on information scanning and monitoring by expert stakeholders. *Manag Commun Q* 1997 Feb;10(3):342-72.

Holtzauer FJ, Huang JS, Pompili MJ. Communicating risk at the local level: improving your chances. *Hum Ecol Risk Assess* 1998 Feb;4(1):1-5.

Houn F, Bober MA, Huerta EE, Hursting SD, Lemon S, Weed DL. The association between alcohol and breast cancer: popular press coverage of research. *Am J Public Health* 1995 Aug;85(8 Pt 1):1082-6. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95351434&dopt=A
bstract

House of Lords (UK), Select Committee on Science and Technology. *Science and technology - third report*. London (UK): The Stationery Office; c2000 [modified 2000 Mar 14; cited 2000 Sep 25]. Chapter 4, Communicating uncertainty and risk; [5 p.]. Available from: <http://www.parliament.the-stationery->

office.co.uk/pa/ld199900/ldselect/ldsctech/38/3806.htm

Improving public understanding: guidelines for communicating emerging science on nutrition, food safety, and health. *J Natl Cancer Inst* 1998 Feb 4;90(3):194-9. Available from: <http://ificinfo.health.org/resource/guidelines.htm>

Jacobs RN. Producing the news, producing the crisis: narrativity, television and news work. *Media Culture Soc* 1996 Jul;18(3):373-97.

Jardine CG, Hrudey SE. Mixed messages in risk communication. *Risk Anal* 1997 Aug;17(4):489-98.

Johnson BB, Slovic P. Lay views on uncertainty in environmental health risk assessment. *J Risk Res* 1998;1(4):261-79.

Johnson BB, Slovic P. Presenting uncertainty in health risk assessment: initial studies of its effects on risk perception and trust. *Risk Anal* 1995 Aug;15(4):485-94. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96021663&dopt=Abstr

Kaskutas L, Greenfield TK. First effects of warning labels on alcoholic beverage containers. *Drug Alcohol Depend* 1992 Oct;31(1):1-14.

Keeney RL, von Winterfeldt D. Improving risk communication. *Risk Anal* 1986 Dec;6(4):417-24. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87262214&dopt=Abstr

Kepplinger HM, Habermeier J. The impact of key events on the presentation of reality. *Eur J Commun* 1995 Sep;10(3):371-90.

Kitzinger J, Reilly J. The rise and fall of risk reporting: media coverage of human genetics research, 'False Memory Syndrome' and 'Mad Cow Disease'. *Eur J Commun* 1997;12(3):319-50.

Kopp SW, Bang HK. Benefit and risk information in prescription drug advertising: review of empirical studies and marketing implications. *Health Mark Q* 2000;17(3):39-56. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20409811&dopt=Abstr

Kraemer HC, Kazdin AE, Offord DR, Kessler RC, Jensen PS, Kupfer DJ. Coming to terms with the terms of risk. *Arch Gen Psychiatry* 1997 Apr;54(4):337-43. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=9111111&dopt=Abstr)

[Retrieve&db=PubMed&list_uids=97261196&dopt=Abstr](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97261196&dopt=Abstr)

Lanouette W. Reporting on risk: Who decides what's news? *Risk* [serial on the Internet] 1994 Summer [cited 2000 Oct 23];5:223 passim [6 p.]. Available from: <http://www.fplc.edu/risk/vol5/summer/lanouett.htm>

Lee DH, Paling JE, Blajchman MA. A new tool for communicating transfusion risk information. *Transfusion* 1998 Feb;38(2):184-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98193103&dopt=Abstr

Levine J. Risky business--communicating scientific findings to the public. *J Natl Cancer Inst Monogr* 1999;(25):163-6. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/163>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314224&dopt=Abstr

Lichtenstein E, Andrews JA, Lee ME, Glasgow RE, Hampson SE. Using radon risk to motivate smoking reduction: evaluation of written materials and brief telephone counselling. *Tob Control* 2000 Sep;9(3):320-6.

Lipkus IM, Crawford Y, Fenn K, Biradavolu M, Binder RA, Marcus A, Mason M. Testing different formats for communicating colorectal cancer risk. *J Health Commun* 1999 Oct-Dec;4(4):311-24. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20217532&dopt=Abstr

Lipkus IM, Hollands JG. The visual communication of risk. *J Natl Cancer Inst Monogr* 1999;(25):149-63. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/149>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314223&dopt=Abstr

Lobb EA, Butow PN, Kenny DT, Tattersall MH. Communicating prognosis in early breast cancer: do women understand the language used? *Med J Aust* 1999 Sep 20;171(6):290-4. Comments in: *Med J Aust* 1999 Sep 20;171(6):288-9; *Med J Aust* 1999 Sep 20;171(6):301-2; *Med J Aust* 2000 Mar 6;172(5):241; discussion 241-2.

Lumpkin MM. International pharmacovigilance: developing cooperation to meet the challenges of the 21st Century. *Pharmacol Toxicol* 2000;86 Suppl 1:20-2. Available from: [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=11111111&dopt=Abstr)

Retrieve&db=PubMed&list_uids=20361684&dopt=A
bstract

Maguire P, Faulkner A. Communicate with cancer patients: 2. Handling uncertainty, collusion, and denial. *BMJ* 1988 Oct 15;297(6654):972-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89051326&dopt=A bstract

Marmot M. From alcohol and breast cancer to beef and BSE--improving our communication of risk [editorial]. *Am J Public Health* 1996 Jul;86(7):921-3. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96283067&dopt=A bstract

Mazur A. Technical risk in the mass media. Risk [serial on the Internet] 1994 Summer [cited 2000 Oct 12];5:189 passim [3 p.]. Available from: <http://www.fplc.edu/risk/vol5/summer/mazurint.htm>

Mazur DJ, Hickam DH, Mazur MD. How patients' preferences for risk information influence treatment choice in a case of high risk and high therapeutic uncertainty: asymptomatic localized prostate cancer. *Med Decis Making* 1999 Oct-Dec;19(4):394-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99448987&dopt=A bstract

McCann WS. Teaching about societal issues in science classrooms. In: ERIC digest [database on the Internet]. Columbus (OH): ERIC Clearinghouse for Science Mathematics and Environmental Education; 1997 May [modified 2000 May 19; cited 2000 Oct 9]. [4 p.]. Available from: http://www.ed.gov/databases/ERIC_Digests/ed432443.html

Michielutte R, Alciati MH, el Arculli R. Cancer control research and literacy [editorial]. *J Health Care Poor Underserved* 1999 Aug;10(3):281-97. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99365781&dopt=A bstract

Miller J. Mediating science: promotional strategies, media coverage, public belief and decision making. In: Scanlon E, Whitelegg E, Yates S, editors. *Communicating science. Vol 1, Context and channels.* London (UK): Routledge; 1999.

Miller JD. The public understanding of science & technology in the United States, 1990: A report to the National Science Foundation. DeKalb (IL): Northern Illinois University; 1991.

Miller JD. *Scientific literacy.* DeKalb (IL): Northern Illinois University; 1989.

Mills A, Edwards IR. The combined oral contraceptive pill: are poor communication systems responsible for loss of confidence in this contraceptive method? *Hum Reprod* 1999 Jan;14(1):7-10. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99302315&dopt=A bstract

National Aeronautics and Space Administration (US), Headquarters Library, compiler. *Public understanding of science, communicating sciences, and science education [bibliography on the Internet].* Washington (DC): The Administration; 2000 Jan [modified 2000 Oct 11; cited 2000 Oct 13]. [13 p.]. Available from: <http://www.hq.nasa.gov/office/hqlibrary/pathfinders/eusci.htm>

National Safety Council (US), Environmental Health Center. *Chemicals, the press & the public: a journalists' guide to reporting on chemicals in the community [monograph on the Internet].* 2nd ed. Washington (DC): The Council; 2000 Apr [cited 2000 Sep 25]. [12 p.]. (EPA publication; EPA 550-B-00-003). Available from: <http://www.crossroads.nsc.org/articleTemplate.cfm?id=52&subjectID=3> Requires Adobe Acrobat Reader.

National Science Foundation (US), Division of Science Resources Studies. *Science and engineering indicators 2000 [monograph on the Internet].* Arlington (VA): The Foundation; 2000 [cited 2000 Oct 16]. Chapter 8, Science and technology: public attitudes and public understanding; [13 p.]. Available from: <http://www.nsf.gov/sbe/srs/seind00/access/c8/c8s2.htm>

Needleman C. Ritualism in communicating risk information. *Science Technol Hum Values* 1987;12(3-4):20-5.

Nelkin D. AIDS and the news media. *Milbank Q* 1991;69(2):293-307.

Nelson GD. Science literacy for all: an achievable goal? [monograph on the Internet]. Washington (DC): Optical Society of America; c1998 [2000 May 19; cited 2000 Sep 25]. [4 p.]. Reprinted from *Optics & Photonics News* 1998 Sep;9(9):42. Available from: <http://www.project2061.org/newsinfo/research/article/s/opa.htm>

Ortigara M. Risk communication: uncertainties and the numbers game. Argonne (IL): Argonne National Laboratory; 1995 Aug 30. Report No.: ANLIPDCP87670. Contract No.: W31109ENG38. 10 p. Available from: NTIS, Springfield, VA;

DE96002708. Sponsored by Department of Energy, Washington.

Otway H. The media and crisis management. In: Segerstahl B, editor. Chernobyl: a policy response study. Luxemburg (Austria): Springer-Verlag; 1991. p. 133-48.

Peters HP. In search for opportunities to raise environmental risk literacy. *Toxicol Environ Chem* 1993;40(1-4):289-300.

Peters HP. The interaction of journalists and scientific experts: cooperation and conflict between two professional cultures. *Media Cult Soc* 1995 Jan;17(1):31-48.

Peters HP. Mass media as an information channel and public arena. *Risk* [serial on the Internet] 1994 Summer [cited 2000 Oct 23];5:241 passim. Available from: <http://www.fplc.edu/RISK/vol5/summer/peters.htm>

Petts J. The public-expert interface in local waste management decisions: expertise, credibility and process. *Public Underst Sci* 1997 Oct;6(4):359-81.

Powell DA, Leiss W. Mad cows and mother's milk: the perils of poor risk communication. Montreal (Quebec, Canada): McGill-Queen's University Press; 1997. A diagnostic for risk communication failures; p. 26-40.

Project 2061: science literacy for a changing future [homepage on the Internet]. Washington (DC): American Association for the Advancement of Science; c2000 [modified 1998 Jun 11; cited 2000 Sep 25]. Benchmark 9: The mathematical world, Section D, Uncertainty; [12 screens]. Available from: <http://www.project2061.org/tools/benchol/ch9/c%2Dals09d.html>

Ratzan SC, editor. The mad cow crisis: health and the public good. London (UK): UCL Press; 1998. 247 p.

Reed AC. Understanding risk: informing decisions in a democratic society report [monograph on the Internet]. In: RiskWORLD [homepage on the Internet]. Knoxville (TN): Tec-Com, Inc.; 1996 [modified 1996 Jul 20; cited 2000 Oct 25]. [6 p.] Comments on the report of the same name issued by the National Academy of Sciences, National Research Council. Available from: http://www.riskworld.com/Nreports/1996/risk_rpt/html/nr6aa045.htm

Rice AP. Risk management in chemical safety: some general observations relating to the state of the art. *Sci Total Environ* 1986 May;51:1-17. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=86289381&dopt=Abstract

Risk communication: working with individuals and communities to weigh the odds. *Prevention Rep* [serial on the Internet] 1995 Feb-Mar [modified 1999 Jun 8; cited 2000 Sep 25];[5 p.] Available from: <http://odphp.osophs.dhhs.gov/pubs/prevrpt/95fm1.htm>

Rogers CL. The importance of understanding audiences. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Erlbaum; 1999. p. 179-200.

Rothman AJ, Kiviniemi MT. Treating people with information: an analysis and review of approaches to communicating health risk information. *J Natl Cancer Inst Monogr* 1999;(25):44-51. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/44>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314209&dopt=Abstract

Rowan F. The high stakes of risk communication. *Prev Med* 1996 Jan-Feb;25(1):26-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96259198&dopt=Abstract

Rowan KE. Effective explanation of uncertain and complex science. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Erlbaum Associates; 1999. p. 201-24.

Rowan KE. Explaining illness through the mass media: the problem-solving perspective. In: Whaley BB, et al., editors. *Explaining illness: research, theory, and strategies*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc.; 2000. p. 69-100.

Russell C. Implications for improving risk communication through various channels: a discussion. *J Natl Cancer Inst Monogr* 1999;(25):177-8. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/177>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314228&dopt=Abstract

Russell C. Living can be hazardous to your health: how the news media cover cancer risks. *J Natl Cancer Inst Monogr* 1999;(25):167-70. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/167>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314225&dopt=Abstract

Russell N. Why and how to bring science to the public [monograph on the Internet]. Geneva (Switzerland): CERN; 1997 [cited 2000 Oct 23]. (Academic training lectures; 339). Available from: http://weblib.cern.ch/format/showfull?uid=2242102_9652&base=CERCER&sysnb=0249544

Ryan M, Dunwoody S, Tankard J. Risk information for public consumption: print media coverage of two risky situations. *Health Educ Q* 1991 Fall;18(3):375-90. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92010832&dopt=Aabstract

Sachsman DB. Commentary: should reporters use risk as a determinant of environmental coverage? *Sci Commun* 1999 Sep;21:88-94.

Salas M, Hofman A, Stricker BH. Confounding by indication: an example of variation in the use of epidemiologic terminology. *Am J Epidemiol* 1999 Jun 1;149(11):981-3. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99281503&dopt=Aabstract

Sandman PM. Emerging communication responsibilities of epidemiologists. *J Clin Epidemiol* 1991;44 Suppl 1:41S-50S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231955&dopt=Aabstract

Sandman PM. Mass media and environmental risk: seven principles. *Risk* [serial on the Internet] 1994 [cited 2000 Oct 23];5:251 passim [7 screens]. Available from: <http://www.fplc.edu/risk/vol5/summer/sandman.htm>

Savoie I, Kazanjian A, Brunger F. Women, the media, and heart disease. For better or for worse? *Int J Technol Assess Health Care* 1999 Fall;15(4):729-37. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20109463&dopt=Aabstract

Scanlon E, Whitelegg E, Yates S, editors. *Communicating science. Vol. 1, Contexts and channels.* London (UK): Routledge; 1999. 288 p.

Scanlon E, Whitelegg E, Yates S, editors. *Contexts and channels.* London (UK): Routledge; 1999. 288 p. (Communicating science, vol. 1).

Scherer CW. Community network linkages during a health controversy. *J Public Health Manag Pract* 2000 Mar;6(2):21-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20182570&dopt=Aabstract

Schulte PA, Singal M. Interpretation and communication of the results of medical field investigations. *J Occup Med* 1989 Jul;31(7):589-94. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89361786&dopt=Aabstract

Singer E, Endreny PM. Reporting on risk: how the mass media portray accidents, diseases, disasters and other hazards. *Risk* [serial on the Internet] 1994 Summer [cited 2000 23 Oct];5:261 passim [5 screens]. Available from: <http://www.fplc.edu/RISK/vol5/summer/singer.htm>

Skolbekken JA. Communicating the risk reduction achieved by cholesterol reducing drugs. *BMJ* 1998 Jun 27;316(7149):1956-8. Comment in: *BMJ* 1999 Feb 27;318(7183):602; discussion 603-4; *BMJ* 1999 Feb 27;318(7183):602-3; discussion 603-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98306101&dopt=Aabstract

Slovic P. Informing and educating the public about risk. *Risk Anal* 1986 Dec;6(4):403-15. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87262213&dopt=Aabstract

Slovic P. Trust, emotion, sex, politics, and science: surveying the risk-assessment battlefield. *Risk Anal* 1999 Aug;19(4):689-701. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20228235&dopt=Aabstract

Smith D, McCloskey J. Risk communication and the social amplification of public sector risk. *Public Money Manage* 1998 Oct-Dec;18(4):41-50.

Snyder LB, Rouse RA. The media can have more than an impersonal impact: the case of AIDS risk perceptions and behavior. *Health Commun* 1995;7(2):125-45.

Steiner JF. Talking about treatment: the language of populations and the language of individuals. *Ann Intern Med* 1999 Apr 6;130(7):618-22. Comment in: *Ann Intern Med* 1999 Apr 6;130(7):604-6; *Ann Intern Med* 2000 Jan 4;132(1):93; discussion 94; *Ann Intern Med* 2000 Jan 4;132(1):93-4; discussion 94; *Ann Intern Med* 2000 Jan 4;132(1):94. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99188849&dopt=Aabstract

- Steinke J, Long M. Communicating health risks to the public: a content analysis of press coverage of the health risks associated with video display terminal (VDT) use. Paper presented at: 41st Annual Meeting of the International Communication Association; 1991 May 23-27; Chicago [monograph on the Internet]. [39 p.]. Available from: ERIC Document Reproduction Service, Washington; ED333509. Available from: <http://ericir.syr.edu/plweb/cgi/fastweb?getdoc+ericdb+ericdb+931688+0+wAAA+%28ed333509%29>
- Stocking SH. How journalists deal with scientific uncertainty. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 23-41.
- Sublet VH, Covello VT, Tinker TL, editors. *Scientific uncertainty and its influence on the public communication process*. Proceedings of the NATO Advanced Research Workshop on Scientific Uncertainty and Its Influence on the Public Communication Process; 1994 Sep 8-10; Paris. Boston (MA): Kluwer Academic Publishers; 1996. 234 p. (NATO ASI series. Series D, Behavioural and social sciences; vol. 86).
- Synsteliën D. *Inside story: a guide to indoor air quality - How well is it working*. Washington: Environmental Protection Agency (US), Office of Policy, Planning and Evaluation; 1990. Report No.: EPA/230/01-90/073. 56 p. (Risk communication series). Available from: NTIS, Springfield, VA; PB90-173469.
- Turney J. Public understanding of science. *Lancet* 1996 Apr 20;347(9008):1087-90. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96184238&dopt=Abstr
- Valkenburg PM. Media and youth consumerism. *J Adolesc Health* 2000 Aug;27(2 Suppl):52-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20365913&dopt=Abstr
- Van Nevel JP. Introduction of section: implications for improving risk communication through various channels. *J Natl Cancer Inst Monogr* 1999;(25):123-4. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/123>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314219&dopt=Abstr
- Verplanken B. The effect of catastrophe potential on the interpretation of numerical probabilities of the occurrence of hazards. *J Appl Soc Psychol* 1997 Aug 16;27(16):1453-67.
- Viscusi WK. Efficacy of labeling of foods and pharmaceuticals. *Ann Rev Public Health* 1994;15:325-43.
- Walker VR. Direct inference, probability, and a conceptual gulf in risk communication. *Risk Anal* 1995 Oct;15(5):603-9.
- Walker VR. Risk characterization and the weight of evidence: adapting gatekeeping concepts from the courts. *Risk Anal* 1996 Dec;16(6):793-9.
- Weinstein ND, Kolb K, Goldstein BD. Using time intervals between expected events to communicate risk magnitudes. *Risk Anal* 1996 Jun;16(3):305-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96260235&dopt=Abstr
- Wilkins L, Patterson P. Risky business: covering slow-onset hazards as rapidly developing news. *Polit Commun Persuasion* 1990 Jan-Mar;7(1):11-23.
- Williams D, Olaniran BA. Expanding the crisis planning function: introducing elements of risk communication to crisis communication planning. *Public Relations Rev* 1998;24(3):401-12.
- Willis WJ, Okunade AA. *Reporting on risks: the practice and ethics of health and safety communication*. Westport (CT): Praeger; 1997. 229 p.
- Wilson A, Gregory J, Miller S, Earl S. *Handbook of science communication*. 1st ed. Philadelphia (PA): Institute of Physics Publishing; 1998 Oct 1. 159 p.
- Woodward A. Uncertainty in risk characterization and communication. Discussion. *Ann N Y Acad Sci* 1999;895:365-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20140837&dopt=Abstr
- Word CJ, Harding AK, Bilyard GR, Weber JR. Basic science and risk communication: a dialogue-based study. *Risk Health Saf Environ* 1999 Summer:231-42
- Yamagishi K. When a 12.86% mortality is more dangerous than 24.14%: implications for risk communication. *Appl Cogn Psychol* 1997 Dec;11(6):495-506.
- Zehr SC. Scientists' representations of uncertainty. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new*

and controversial science. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 3-21.

Public Perception of Risk

Aspinwall LG. Introduction of section: persuasion for the purpose of cancer risk reduction: understanding responses to risk communications. *J Natl Cancer Inst Monogr* 1999;(25):88-93. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/88>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314215&dopt=Abstract

Bader R. Overcoming false public beliefs - possible strategies for improving environmental risk literacy. *Toxicol Environ Chem* 1993;40(1-4):275-88.

Breakwell GM. Risk communication: factors affecting impact. *Br Med Bull* 2000;56(1):110-20. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20343523&dopt=Abstract

Burroughs TE. The effect of message framing on perceptions of risk, perceptions of control and health behavior decisions [dissertation]. [St. Louis (MO)]: Washington University; 1997. 187 p.

Cannell W, Otway H. Audience perspectives in the communication of technological risks. *Futures (Engl)* 1988 Oct;20:519-31.

Canter LW, Nelson DI, Everett JW. Public perception of water-quality risks: influencing factors and enhancement opportunities. *J Environ Syst* 1993;22(2):163-87.

Chess C, Salomone KL. Rhetoric and reality: risk communication in government agencies. *J Environ Educ* 1992 Spring;23(3):28-33.

Covello VT. Risk perception and communication [editorial]. *Can J Public Health* 1995 Mar-Apr;86(2):78-82. (Eng, Fre). Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95277615&dopt=Abstract

Cox GV, Strickland GD. Risk is normal to life itself. *Am Ind Hyg Assoc J* 1988 Apr;49(4):A223-7. Published erratum appears in *Am Ind Hyg Assoc J* 1988 Jul;49(7):370. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88238410&dopt=Abstract

Cvetkovich G, Lofstedt RE, editors. Social trust and the management of risk. London: Earthscan; 1999. 196 p.

- Dandoy S. Risk communication and public confidence in health departments [editorial]. *Am J Public Health* 1990 Nov;80(11):1299-3000. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91052012&dopt=Abstract
- Desvousges WH, Smith VK. Focus groups and risk communication: the science of listening to data. *Risk Anal* 1988 Dec;8(4):479-84.
- Dombrowsky WR. Behavioral aspects of emergency management and public involvement. *Kerntechnik* 1999 May;64(3):157-60.
- Earle TC, Cvetkovich G. Risk communication: the social construction of meaning and trust. In: Brehmer B, Sahlin NE, editors. *Future risks and risk management*. Dordrecht (Netherlands): Kluwer Academic Publishers; 1994. p. 141-81.
- Edwards A, Elwyn G, Gwyn R. General practice registrar responses to the use of different risk communication tools in simulated consultations: a focus group study. *BMJ* 1999 Sep 18;319(7212):749-52. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99418912&dopt=Abstract
- Estrada A, Quintero GA. Redefining categories of risk and identity: The appropriation of AIDS prevention information and constructions of risk. In: Elwood WN, editor. *Power in the blood: A handbook on AIDS, politics, and communication*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 133-47.
- Fischer GW, Morgan MG, Fischhoff B, Nair I, Lave LB. What risks are people concerned about. *Risk Anal* 1991 Jun;11(2):303-14.
- Fischhoff B, Bostrom A, Quadrel MJ. Risk perception and communication. In: Connolly T, Arkes HR, et al., editors. *Judgment and decision making: an interdisciplinary reader*. 2nd ed. New York (NY): Cambridge University Press; 2000. p. 479-99.
- Flynn J, Slovic P, Mertz CK. The Nevada Initiative: a risk communication fiasco. *Risk Anal* 1993 Oct;13(5):497-502. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95148904&dopt=Abstract
- Freudenburg WR. Perceived risk, real risk: social science and the art of probabilistic risk assessment. *Science* 1988 Oct 7;242(4875):44-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89019322&dopt=Abstract
- Frewer L, Shepherd R. Attributing information to different sources: effects on the perceived qualities of information, on the perceived relevance of information, and on attitude formation. *Public Understand Sci* 1994;3:385-401.
- Frewer LJ, Howard C, Hedderley D, Shepherd R. What determines trust in information about food-related risks? Underlying psychological constructs. *Risk Anal* 1996 Aug;16(4):473-86. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96416457&dopt=Abstract
- Gerrard M, Gibbons FX, Reis-Bergan M. The effect of risk communication on risk perceptions: the significance of individual differences. *J Natl Cancer Inst Monogr* 1999;(25):94-100. Comment in: *J Natl Cancer Inst Monogr* 1999;(25):119-22. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/94>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314216&dopt=Abstract
- Gray PC. Waste incineration: controversy and risk communication. *Eur Rev Appl Psychol* 1995;45(1):29-34.
- Grieshop JJ, Stiles MC. Risk and home pesticide users. *Environ Behav* 1989 Nov;21(6):699-716.
- Griffin RJ, Dunwoody S, Zabala F. Public reliance on risk communication channels in the wake of a cryptosporidium outbreak. *Risk Anal* 1998 Aug;18(4):367-75. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98448572&dopt=Abstract
- Grobe D, Douthitt R, Zepeda L. Consumer risk perception profiles regarding recombinant bovine growth hormone (Rbgh). *J Consum Aff* 1999 Winter;33(2):254-75.
- Grobe D, Douthitt R, Zepeda L. A model of consumers' risk perceptions toward recombinant bovine growth hormone (rbGH): the impact of risk characteristics. *Risk Anal* 1999 Aug;19(4):661-73. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20228233&dopt=Abstract
- Groothuis PA, Miller G. The role of social distrust in risk-benefit analysis: a study of the siting of a hazardous waste disposal facility. *J Risk Uncertain* 1997 Dec;15(3):241-57.
- Groth E 3rd. Risk communication in the context of consumer perceptions of risks. Yonkers (NY): Consumers Union of US/Consumers International;

c1998 [modified 2000 Feb 22; cited 2000 Oct 13]. [9 p]. Available from:
<http://www.consumersunion.org/food/riskcomny598.htm>

Guidebook for risk perception and communication in water resources planning. Part 1. Underpinnings and planning applications. Final report. Carbondale (IL): Army Planning and Management Consultants Ltd.; 1993 Oct. Contract No.: DACW7289D0020. 109 p. Prepared for the Institute for Water Resources.

Hampson SE, Andrews JA, Lee ME, Lichtenstein E, Barckley M. Radon and cigarette smoking: perceptions of this synergistic health risk. *Health Psychol* 2000 May;19(3):247-52. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20324621&dopt=Abstract

Hance BJ, Chess C, Sandman PM. Setting a context for explaining risk. *Risk Anal* 1989 Mar;9(1):113-7.

Hanson D. Publics misconceptions act to bar effective risk communication. *Chem Eng News* 1989 Sep 25;67(39):30-1.

Health and the mass media [bibliography on the Internet]. Sydney (Australia): University of Sydney, Department of Public Health & Community Medicine; c1999 [modified 2000 Jun 6; cited 2000 Oct 1]. Risk reportage and perception; [11 screens]. Available from:
<http://www.health.usyd.edu.au/resources/mchbib.html#rrp>

Hendee WR. Personal and public perceptions of radiation risks. *Radiographics* 1991 Nov;11(6):1109-19. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92086729&dopt=Abstract

Herek GM, Capitanio JP. Conspiracies, contagion, and compassion: trust and public reactions to AIDS. *AIDS Educ Prev* 1994 Aug;6(4):365-75. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95078082&dopt=Abstract

Hrudey SE, Lambert TW. Mythology cannot expose myths in risk communication. *J Environ Health* 1994 Sep;57(2):19-20.

Jacobs LA. An analysis of the concept of risk. *Cancer Nurs* 2000 Feb;23(1):12-9. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20138758&dopt=Abstract

Johnson BB. Advancing understanding of knowledge's role in lay risk perception. *Risk* [serial on theInternet]

1992 Summer [cited 2000 Sep 25];4:189 passim [13 p.]. Available from:
<http://www.fplc.edu/RISK/vol4/summer/johnson.htm>

Johnson FR. Economic costs of misinforming about risk: the EDB scare and the media. *Risk Anal* 1988 Jun;8(2):261-9. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88321166&dopt=Abstract

Johnson FR, Luken RA. Radon risk information and voluntary protection: evidence from a natural experiment. *Risk Anal* 1987 Mar;7(1):97-107. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87290879&dopt=Abstract

Jungermann H, Pfister HR, Fischer K. Credibility, information preferences, and information interests. *Risk Anal* 1996 Apr;16(2):251-61.

Kai J. What worries parents when their preschool children are acutely ill, and why: a qualitative study. *BMJ* 1996 Oct 19;313(7063):983-6. Comment in: *BMJ* 1996 Oct 19;313(7063):954-5; *BMJ* 1997 Feb 1;314(7077):373; *BMJ* 1997 Feb 1;314(7077):373-4. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97047500&dopt=Abstract

Kasperson RE. Six propositions on public participation and their relevance for risk communication. *Risk Anal* 1986 Sep;6(3):275-81. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87262199&dopt=Abstract

Kasperson RE, Golding D, Tuler S. Social distrust as a factor in siting hazardous facilities and communicating risks. *J Soc Issues* 1992 Winter;48(4):161-87.

Kasperson RE, Renn O, Slovic P, Brown HS, et al. The social amplification of risk: a conceptual framework. *Risk Anal* 1988 Jun;8(2):177-87.

Keeney RL. Understanding life-threatening risks. *Risk Anal* 1995 Dec;15(6):627-37.

Keown CF, Slovic P, Lichtenstein S. Influence of information about side effects on perceived risk of prescription drugs. *Health Mark Q* 1983-84 Winter-Spring;1(2-3):111-23. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=84184402&dopt=Abstract

Kline KN, Mattson M. Breast self-examination pamphlets: a content analysis grounded in fear appeal

research. *Health Commun* 2000;12(1):1-21. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20394817&dopt=Abstract

Kraus N, Malmfors T, Slovic P. Intuitive toxicology: expert and lay judgments of chemical risks. *Risk Anal* 1992 Jun;12(2):215-32.

Kreuter MW, Strecher VJ. Changing inaccurate perceptions of health risk: results from a randomized trial. *Health Psychol* 1995;14(1):56-63.

Lee CF, Hazard B, Yang FG. Actions, attitudes, and perceptions regarding 6 technologies. *J Soc Psychol* 1994 Aug;134(4):511-27.

Leiss W. Down and dirty: the use and abuse of public trust in risk communication. *Risk Anal* 1995 Dec;15(6):685-92.

Lerman C, Lustbader E, Rimer B, Daly M, Miller S, Sands C, Balshem A. Effects of individualized breast cancer risk counseling: a randomized trial. *J Natl Cancer Inst* 1995 Feb 15;87(4):286-92. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95222639&dopt=Abstract

Leventhal H, Kelly K, Leventhal EA. Population risk, actual risk, perceived risk, and cancer control: a discussion. *J Natl Cancer Inst Monogr* 1999;(25):81-5. Fulltext at
<http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/81>. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314213&dopt=Abstract

Lipkus IM, Kuchibhatla M, McBride CM, Bosworth HB, Pollak KI, Siegler IC, Rimer BK. Relationships among breast cancer perceived absolute risk, comparative risk, and worries. *Cancer Epidemiol Biomarkers Prev* 2000 Sep;9(9):973-5. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20462441&dopt=Abstract

Lirtzman SI, Shuv-Ami A. Credibility of sources of communication on products' safety hazards. *Psychol Rep* 1986 Jun;58(3):707-18. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=86260418&dopt=Abstract

Maharik M, Fischhoff B. Risk knowledge and risk attitudes regarding nuclear-energy sources in space. *Risk Anal* 1993 Jun;13(3):345-53.

McComas KA, Scherer CW. Providing balanced risk information in surveys used as citizen participation mechanisms. *Soc Nat Resour* 1999 Mar;12(2):107-19.

Mileti DS, Fitzpatrick C. The causal sequence of risk communication in the Parkfield earthquake prediction experiment. *Risk Anal* 1992 Sep;12(3):393-400.

Miller JD. Public perceptions of science and technology: a comparative study of the European Union, the United States, Japan, and Canada. Madrid (Spain): Fundación BBV; 1997.

Mitchell JV. Perception of risk and credibility at toxic sites. *Risk Anal* 1992 Mar;12(1):19-26. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92245156&dopt=Abstract

Nakayachi K. How do people evaluate risk reduction when they are told zero risk is impossible? *Risk Anal* 1998 Jun;18(3):235-42.

Neil N, Malmfors T, Slovic P. Intuitive toxicology: expert and lay judgments of chemical risks. *Toxicol Pathol* 1994 Mar-Apr;22(2):198-201. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95063623&dopt=Abstract

O'Connor RE, Bord RJ, Fisher A. Rating threat mitigators: faith in experts, governments, and individuals themselves to create a safer world. *Risk Anal* 1998 Oct;18(5):547-56. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99070503&dopt=Abstract

Peters RG. A study of the factors determining perceptions of trust and credibility in environmental risk communication: the importance of overcoming negative stereotypes. *Int Arch Occup Environ Health* 1996;68(6):442-7. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97046862&dopt=Abstract

Peters RG, Covello VT, McCallum DB. The determinants of trust and credibility in environmental risk communication: an empirical study. *Risk Anal* 1997 Feb;17(1):43-54. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97278554&dopt=Abstract

Peters RG, Covello VT, Mccallum DB. Determining the determinants of trust - reply. *Risk Anal* 1998 Jun;18(3):233-4.

Peterson TR, Witte K, Enkerlin-Hoeflich E, Espericueta L, Flora J. Using informant directed

interviews to discover risk orientation: how understanding Texas farmers' self-image contributes to a persuasive safety campaign. *J Appl Commun Res* 1994;22:199-215.

Petts J. Effective waste management: understanding and dealing with public concerns. *Waste Manage Res* 1994 Jun;12(3):207-22.

Petts J. Incineration risk perceptions and public concern: experience in the UK improving risk communication. *Waste Manage Res* 1992;10(2):169-82.

Renn O. Risk communication: towards a rational discourse with the public. *J Hazard Mater* 1992 Feb;29(3):465-519.

Renn O. The role of risk perception for risk management. *Reliab Eng Syst Saf* 1998 Jan;59(1):49-62.

Rimer BK, Halabi S, Strigo TS, Crawford Y, Lipkus IM. Confusion about mammography: prevalence and consequences. *J Womens Health Gend Based Med* 1999 May;8(4):509-20. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20296516&dopt=Abstr

Risk: perception, assessment, management, and communication. Proceedings of the 23rd Midyear Topical Symposium of the Health Physics Society; 1990 Feb 5-8; Atlantic City. [Atlantic City (NJ)]: Health Physics Society; 1990. 225 p.

Salovey P, Schneider TR, Apanovitch AM. Persuasion for the purpose of cancer risk reduction: a discussion. *J Natl Cancer Inst Monogr* 1999;(25):119-22. Comment on: *J Natl Cancer Inst Monogr* 1999;(25):94-100; *J Natl Cancer Inst Monogr* 1999;(25):101-19. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/119>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314218&dopt=Abstr

Sandman PM, Miller PM, Johnson BB, Weinstein ND. Agency communication, community outrage, and perception of risk: three simulation experiments. *Risk Anal* 1993 Dec;13(6):585-98.

Savage I. Demographic influences on risk perceptions. *Risk Anal* 1993 Aug;13(4):413-20. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94052893&dopt=Abstr

Shaw JA, Herb J. Risk communication: an avenue for public involvement. *Am Water Works Assoc J* 1988;80(10):42-4.

Slovic P. If hormesis exists...: implications for risk perception and communication. *Hum Exp Toxicol* 1998 Aug;17(8):439-40. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98427567&dopt=Abstr

Slovic P. Perceived risk, trust, and democracy. *Risk Anal* 1993 Dec;13(6):675-82.

Slovic P. Perception of risk. *Science* 1987 Apr 17;236(4799):280-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87177997&dopt=Abstr

Slovic P. What does it mean to know a cumulative risk? Adolescents' perceptions of short-term and long-term consequences of smoking. *J Behav Decis Making* 2000 Apr-Jun;13(2):259-66.

Smith VK, Desvousges WH, Johnson FR. Can public information programs affect risk perceptions? *J Policy Anal Manage* 1990 Winter;9:41-59.

Spitzer WO. The aftermath of a pill scare: regression to reassurance. *Hum Reprod Update* 1999 Nov-Dec;5(6):736-45. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20116683&dopt=Abstr

Surbone A. Truth-telling, risk, and hope. *Ann N Y Acad Sci* 1997 Feb 20;809:72-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97256854&dopt=Abstr

Tanaka Y. Psychological dimensions of risk assessment: risk perception and risk communication. *Prog Nucl Energy* 1998;32(3-4):243-53.

Trettin L, Musham C. Is trust a realistic goal of environmental risk communication? *Environ Behav* 2000 May 3;32(3):410-26.

Vernon SW. Risk perception and risk communication for cancer screening behaviors: a review. *J Natl Cancer Inst Monogr* 1999;(25):101-19. Comment in: *J Natl Cancer Inst Monogr* 1999;(25):119-22. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/101>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314217&dopt=Abstr

Wagner RG, Flynn J, Gregory R, Mertz CK, Slovic P. Acceptable practices in Ontario's forests: differences between the public and forestry professionals. *New For* 1998 Sep;16(2):139-54.

Weinstein ND. Optimistic biases about personal risks. *Science* 1989 Dec;246:1232-3.

Weinstein ND. What does it mean to understand a risk? Evaluating risk comprehension. *J Natl Cancer Inst Monogr* 1999;(25):15-20. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/15>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314203&dopt=Abstract

Williams BL, Brown S, Greenberg M. Determinants of trust perceptions among residents surrounding the Savannah River Nuclear Weapons Site. *Environ Behav* 1999 May;31(3):354-71.

Ziemer PL. Radiation protection information: can you trust the government's risks or risk the government's trust?: 1997 G. William Morgan lecture. *Health Phys* 1999 Jul;77(1):9-15. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99303029&dopt=Abstract

Ethics of Risk Communication

Higginson J, Chu F. Ethical considerations and responsibilities in communicating health risk information. *J Clin Epidemiol* 1991;44 Suppl 1:51S-56S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231957&dopt=Abstract

Jaworowski Z. Radiation risk and ethics [monograph on the Internet]. In: *RiskWORLD* [homepage on the Internet]. Knoxville (TN): Tec-Com, Inc.; 1999 [modified 1999 Oct 20; cited 2000 Oct 25]. [9 p.]. Reprinted from *Physics Today* 1999 Sep;52(9):24-9. Available from: <http://www.riskworld.com/Nreports/1999/jaworowski/NR99aa01.htm>

Johnson BB. Ethical issues in risk communication: continuing the discussion. *Risk Anal* 1999 Jun;19(3):335-48. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20228212&dopt=Abstract

Jonsen AR. Ethical considerations and responsibilities when communicating health risk information. *J Clin Epidemiol* 1991;44 Suppl 1:69S-72S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231960&dopt=Abstract

Morgan MG, Lave L. Ethical considerations in risk communication practice and research. *Risk Anal* 1990 Sep;10(3):355-8.

Ratzan SC. Ethical research and practice of how we communicate health and risk [editorial]. *J Health Commun* 1998 Apr-Jun;3(2):91-2. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20326095&dopt=Abstract

Schulte PA. Biomarkers in epidemiology: scientific issues and ethical implications. *Environ Health Perspect* 1992 Nov;98:143-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93137812&dopt=Abstract

Schulte PA. Ethical issues in the communication of results. *J Clin Epidemiol* 1991;44 Suppl 1:57S-61S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231958&dopt=Abstract

Strasser T, Gallagher J. The ethics of health communication. *World Health Forum* 1994;15(2):175-

7. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94288903&dopt=Abstract

Thar WE. The epidemiologist's responsibilities to research subjects in the occupational setting. *J Clin Epidemiol* 1991;44 Suppl 1:91S-94S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231964&dopt=Abstract

Thompson PB. The ethics of truth-telling and the problem of risk. *Sci Eng Ethics* 1999 Oct;5(4):489-510.

Vineis P, Schulte PA. Scientific and ethical aspects of genetic screening of workers for cancer risk: the case of the N-acetyltransferase phenotype [see comments]. *J Clin Epidemiol* 1995 Feb;48(2):189-97. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95173622&dopt=Abstract

Models, Techniques, and Strategies of Risk Communication

Atman CJ, Bostrom A, Fischhoff B, Morgan MG. Designing risk communications: completing and correcting mental models of hazardous processes, Part I. *Risk Anal* 1994 Oct;14(5):779-88. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95099052&dopt=Abstract

Backer TE, Rogers EM, Sopory P. Designing health communication campaigns: what works? Newbury Park (CA): Sage Publications; 1992. 181 p.

Beder S, Shortland M. Siting a hazardous waste facility: the tangled web of risk communication [monograph on the Internet]. Wollongong (Australia): University of Wollongong; 1992 [modified 1996 May 31; cited 2000 Oct 20]. [16 p.]. Reprinted from *Public Understanding of Science* 1992;1(2):139-160. Available from: <http://www.uow.edu.au/arts/sts/sbeder/risk.html>

Blanchard-Boehm RD. Understanding public response to increased risk from natural hazards: application of the hazards risk communication framework. *Int J Mass Emerg Disasters* 1998 Nov;16(3):247-78.

Bostrom A, Atman CJ, Fischhoff B, Morgan MG. Evaluating risk communications: completing and correcting mental models of hazardous processes, Part II. *Risk Anal* 1994 Oct;14(5):789-98. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95099053&dopt=Abstract

Bradbury JA (Battelle Pacific Northwest Laboratories, Richland, WA). Risk communication in environmental restoration programs. Washington: Department of Energy (US); 1993. Report No.: PNL-SA-22216. Contract No: AC06-76RL01830. 18 p. Available from: NTIS, Springfield, VA; DE93013286.

Brinson SL, Brown MH. The AIDS risk narrative in the 1994 CDC campaign. *J Health Commun* 1997 Apr-Jun;2(2):101-12. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20328527&dopt=Abstract

Brooks KL, DeJoy DM. Hazard and risk communication aspects of in-use medication information leaflets. *Int J Cogn Ergon* 1998;2(1-2):75-92.

Buller DB, Burgoon M, Hall JR, Levine N, Taylor AM, Beach B, Buller MK, Melcher C. Long-term effects of language intensity in preventive messages on planned family solar protection. *Health Commun*

2000;12(3):261-75. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20394829&dopt=Abstr

Carlstrom LK, Woodward JA, Palmer CG. Evaluating the simplified Conjoint Expected Risk model: comparing the use of objective and subjective information. *Risk Anal* 2000 Jun;20(3):385-92.

Centers for Disease Control (US), Epidemiology Program Office. Surveillance in a suitcase [monograph on the Internet]. Atlanta (GA): Emory University, Rollins School of Public Health; [modified 1999 Oct 8; 2000 Sep 25]. Lesson 8, Communicating information for action; [9 p.]. Available from:
<http://www.cdc.gov/epo/surveillancein/lesson82.htm>

Clark F, Stamm KR, Eblacas PR. A process model of risk communication: the case of global climate change. *Risk* 1999;10(3):197-208.

Colorado State University Cooperative Extension. Designing a public awareness message on food safety: a risk/benefit approach to communicating about agricultural chemicals. Fort Collins (CO): The University; 1990. 27 p.

Connelly NA, Knuth BA. Evaluating risk communication: examining target audience perceptions about four presentation formats for fish consumption health advisory information. *Risk Anal* 1998 Oct;18(5):649-59. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99070509&dopt=Abstr

Coppola NW. Rhetorical analysis of stakeholders in environmental communication: a model. *Tech Commun Q* 1997 Winter;6:9-24.

Covello V. Risk communication: an emerging area of health communication research. In: Deetz S, editor. *Communication yearbook*. London (UK): Sage Publications; 1992. p. 359-73.

Earle TC, Cvetkovich G, Slovic P. The effects of involvement, relevance and ability on risk communication effectiveness. In: Borcharding K, Larichev OL, et al., editors. *Contemporary issues in decision making*. Amsterdam (Netherlands): North-Holland; 1990. p. 271-89.

Elwyn G, Edwards A, Gwyn R, Grol R. Towards a feasible model for shared decision making: focus group study with general practice registrars. *BMJ* 1999 Sep 18;319(7212):753-6. Comment in: *BMJ* 1999 Sep 18;319(7212):719-20. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99418913&dopt=Abstr

Ferguson MA, Valent JM. Communicating with environmental and health risk takers: an individual differences perspective. *Health Educ Q* 1991 Fall;18(3):303-18. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92010827&dopt=Abstr

Frewer LJ, Howard C, Hedderley D, Shepherd R. The elaboration likelihood model and communication about food risks. *Risk Anal* 1997 Dec;17(6):759-70. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98125091&dopt=Abstr

Frewer LJ, Howard C, Hedderley D, Shepherd R. Reactions to information about genetic engineering: impact of source characteristics, perceived personal relevance, and persuasiveness. *Pub Understand Sci* 1999 Jan;8(1):35-50.

Grabill JT, Simmons WM. Toward a critical rhetoric of risk communication: producing citizens and the role of technical communicators. *Tech Commun Q* 1998 Fall;7(4):415-41.

Griffin RJ, Dunwoody S. The relation of communication to risk judgment and preventive behavior related to lead in tap water. *Health Commun* 2000;12(1):81-107. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20394821&dopt=Abstr

Griffin RJ, Dunwoody S, Neuwirth K. Proposed model of the relationship of risk information seeking and processing to the development of preventive behaviors. *Environ Res* 1999 Feb;80(2 Pt 2):S230-45. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99194679&dopt=Abstr

Griffin RJ, Neuwirth K, Dunwoody S. Using the theory of reasoned action to examine the health impact of risk messages. In: Burleson BR, editor. *Communication yearbook*. Thousand Oaks (CA): Sage Publications; 1995. p. 201-8.

Gutteling JM, Wiegman O. Exploring risk communication. Boston (MA): Kluwer Academic; 1996. 221 p. (Advances in natural and technological hazards research; vol. 8).

Hatfield TH. A risk communication taxonomy for environmental health. *J Environ Health* 1994 Apr;56(8):23-8.

Heath RL. Corporate environmental risk communication: cases and practices along the Texas Gulf Coast. In: Burleson BR, editor. *Communication*

yearbook. Thousand Oaks (CA): Sage Publications; 1995. p. 255-77.

Hutcheson S. Effective use of risk communication strategies for health & safety educational materials. *J Extension* [serial on the Internet] 1999 Oct [modified 16 Jun; cited 2000 Oct 16];37(5):[8 p.]. Available from: <http://www.joe.org/joe/1999october/a1.html>

Johnson BB. "The mental model" meets "the planning process": wrestling with risk communication research and practice. *Risk Anal* 1993 Feb;13(1):5-8.

Juanillo NK Jr, Scherer CW. Attaining a state of informed judgements: toward a dialectical discourse on risk. In: Bursleson BR, editor. *Communication yearbook*. Thousand Oaks (CA): Sage Publications; 1995. p. 278-99.

Jungermann H, Schutz H, Thuring M. Mental models in risk assessment: informing people about drugs. *Risk Anal* 1988 Mar;8(1):147-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88235159&dopt=Abstr

Kline MJ. Evaluating risk communication programs: the development of a catalogue of "quick and easy" feedback methods [dissertation]. [New Brunswick (NJ)]: Rutgers University, Graduate School of Applied and Professional Psychology; 1989. 113 p.

Lapinski MK, Witte K. Health communication campaigns. In: Jackson LD, Duffy BK, editors. *Health communication research: a guide to developments and directions*. Westport (CT): Greenwood Press; 1998. p. 139-61.

Lee SJ, Liljas B, Neumann PJ, Weinstein MC, Johannesson M. The impact of risk information on patients' willingness to pay for autologous blood donation. *Med Care* 1998 Aug;36(8):1162-73. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98372294&dopt=Abstr

Liu S, Huang JC, Brown GL. Information and risk perception: a dynamic adjustment process. *Risk Anal* 1998 Dec;18(6):689-99. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99138525&dopt=Abstr

Lively BM Jr. Under what conditions do adult readers systematically process an illustrated risk communication? [dissertation]. [Athens]: University of Georgia; 1998. 136 p.

Loomis JB, Duvair PH. Evaluating the effect of alternative risk communication devices on willingness-to-pay: results from a dichotomous choice

contingent valuation experiment. *Land Econ* 1993 Aug;69(3):287-98.

Marris C, Langford I, Saunderson T, O'Riordan T. Exploring the "psychometric paradigm": comparisons between aggregate and individual analyses. *Risk Anal* 1997 Jun;17(3):303-12. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97375760&dopt=Abstr

McMahan S, Witte K, Meyer J. The perception of risk messages regarding electromagnetic fields: extending the extended parallel process model to an unknown risk. *Health Commun* 1998;10(3):247-59.

Mileti DS, Darlington JD. The role of searching in shaping reactions to earthquake risk information. *Soc Probl* 1997 Feb;44:89-103.

Mileti DS, Fitzpatrick C. Communication of public risk: its theory and its application. *Sociol Pract Rev* 1991 Jan;2(1):20-8.

Mitchell JT. Can hazard risk be communicated through a virtual experience? *Disasters* 1997 Sep;21(3):258-66. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97446620&dopt=Abstr

Murphy DA, O'Keefe ZH, Kaufman AH. Improving comprehension and recall of information for an HIV vaccine trial among women at risk for HIV: reading level simplification and inclusion of pictures to illustrate key concepts. *AIDS Educ Prev* 1999 Oct;11(5):389-99. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20022549&dopt=Abstr

Ng KL, Hamby DM. Fundamentals for establishing a risk communication program. *Health Phys* 1997 Sep;73(3):473-82. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97431583&dopt=Abstr

O'Connor AM, Fiset V, DeGrasse C, Graham ID, Evans W, Stacey D, Laupacis A, Tugwell P. Decision aids for patients considering options affecting cancer outcomes: evidence of efficacy and policy implications. *J Natl Cancer Inst Monogr* 1999;(25):67-80. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/67>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314212&dopt=Abstr

Otway H, Wynne B. Risk communication: paradigm and paradox. *Risk Anal* 1989 Jun;9(2):141-5.

- Owen AJ, Colbourne JS, Clayton CR, Fife-Schaw C. Risk communication of hazardous processes associated with drinking water quality - a mental models approach to customer perception, Part 1 - a methodology. *Water Sci Technol* 1999 May-Jun;39(10-11):183-8. Presented at: The 1997 International Specialised Conference on Chemical Process Industries and Environmental Management, Cape Town, S Afr, Sep 8-10,1997.
- Patton DE. The NAS risk paradigm as a medium for communication. *Risk Anal* 1994 Jun;14(3):375-8.
- Planning and strategy models [monograph on the Internet]. [Victoria (British Columbia, Canada)]: The Communication Initiative; [modified 1999 Dec 2; cited 2000 Sep 25]. Health risk communication process matrix; [2 p.]. Available from: http://www.comminit.com/power_point/planning_strategy/sld033.htm
- Ratzan SC, Payne JG, Massett HA. Effective health message design: the America Responds to AIDS Campaign. *Am Behav Sci* 1994 Nov;294-309. Part of a symposium on: Health Communication: Challenges for the 21st Century
- Renn O. Implications of the hormesis hypothesis for risk perception and communication. *Hum Exp Toxicol* 1998 Aug;17(8):431-8.
- Rimal RN, Fogg BJ, Flora JA. Moving toward a framework for the study of risk communication: theoretical and ethical considerations. In: Burlison BR, editor. *Communication yearbook*. Thousand Oaks (CA): Sage Publications; 1995. p. 320-42.
- Rimer BK, Glassman B. Is there a use for tailored print communications in cancer risk communication? *J Natl Cancer Inst Monogr* 1999;(25):140-8. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/140>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314222&dopt=Abstract
- Rogers EM. Diffusion theory: a theoretical approach to promote community-level change. In: Peterson JL, DiClemente RJ, editors. *Handbook of HIV prevention. AIDS prevention and mental health*. New York (NY): Kluwer Academic/Plenum Publishers; 2000. p. 57-65.
- Rohrmann B. The evaluation of risk communication effectiveness. *Acta Psychol (Amst)* 1992 Nov;81(2):169-92.
- Rowan KE. The technical and democratic approaches to risk situations: their appeal, limitations, and rhetorical alternative. *Argumentation* 1994 Nov;8(4):391-409.
- Rowan KE. What risk communicators need to know: an agenda for research. In: Burlison BR, editor. *Communication yearbook*. Thousand Oaks (CA): Sage Publications; 1995. p. 300-19.
- Rowan KE. Why rules for risk communication are not enough: a problem-solving approach to risk communication. *Risk Anal* 1994 Jun;14(3):365-74.
- Sjoberg L. Factors in risk perception. *Risk Anal* 2000 Feb;20(1):1-11. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20255897&dopt=Abstract
- Stephenson MT, Witte K. Creating fear in a risky world: generating effective health risk messages. In: Rice R, Atkin CK, editors. *Public communication campaigns*. 4th ed. Thousand Oaks (CA): Sage Publications; forthcoming.
- Stern PC. Learning through conflict: a realistic strategy for risk communication. *Policy Sci* 1991 Feb;24(1):99-119.
- Strecher VJ, Greenwood T, Wang C, Dumont D. Interactive multimedia and risk communication. *J Natl Cancer Inst Monogr* 1999;(25):134-9. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/134>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314221&dopt=Abstract
- Trumbo C. Communication channels and risk information: a cost-utility model. *Sci Commun* 1998 Dec;20(2):190-203.
- Trumbo CW. Heuristic-systematic information processing and risk judgment. *Risk Anal* 1999 Jun;19(3):1391-400. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20228216&dopt=Abstract
- Trumbo CW. Judging environmental risk: effects of communication channels and information processing in a model of individual risk judgment [dissertation]. Madison (WI): University of Wisconsin; 1997. 308 p.
- Verplanken B. A persuasion approach to risk communication: theory and empirical evidence. In: Borchering KL, Oleg I, et al., editors. *Contemporary issues in decision making*. Amsterdam (Netherlands): North-Holland; 1990. p. 291-303.
- Verplanken B. Persuasive communication of risk information: a test of cue versus message processing effects in a field experiment. *Pers Soc Psychol Bull* 1991 Apr;17(2):188-93.

Viscusi WK, Zeckhauser RJ. Hazard communication: warnings and risk. *Ann Am Acad Polit Soc Sci* 1996 May;545:106-15.

Vlek CA. Understanding, accepting and controlling risks: a multistage framework for risk communication. *Eur Rev Appl Psychol* 1995;45(1):49-56.

Wallack L, Dorfman L. Media advocacy: a strategy for advancing policy and promoting health. *Health Educ Q* 1996 Aug;23(3):293-317. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96439502&dopt=Abstr

Weinstein ND, Roberts NE, Pflugh KK. Evaluating personalized risk messages. *Evaluation Rev* 1992 Jun;16(3):235-46.

Weinstein ND, Sandman PM. Some criteria for evaluating risk messages. *Risk Anal* 1993 Feb;13(1):103-14.

Westman J, Hampel H, Bradley T. Efficacy of a touchscreen computer based family cancer history questionnaire and subsequent cancer risk assessment. *J Med Genet* 2000 May;37(5):354-60. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20267906&dopt=Abstr

Wiatrowski WA, Giles ER, Cooke EP. Development of a system to evaluate and communicate radiation risk. *Health Phys* 1996 Jan;70(1):111-7.

Wimberley ET, Portman M. Risk communication and the killer bees: a critique of health and mental-health risks addressed in the Texas Africanized honey-bee management plan. *Am Bee J* 1992 Dec;132(12):796-800.

Witte K. Generating effective risk messages: how scary should your risk communication be? In: Burleson BR, editor. *Communication yearbook*. Thousand Oaks (CA): Sage Publications; 1995. p. 229-54.

Wylie J, Sheehy N. Contaminated land and risk communication: Developing communication guidelines using a mental models approach. *Land Contam Reclam* 1999;7(4):285-90.

Zimmerman R. A process framework for risk communication. *Sci Technol Hum Values* 1987 Summer-Fall;12(3-4):131-7.

Government and Other Agency Role in Risk Communication

Administrative Conference of the United States. Risk communication as a regulatory alternative for protecting health, safety and environment. Boston: Boston University School of Law; 1991. 164 p. Available from: NTIS, Springfield, VA; PB91-146092. S.

Amler RW, Tinker T. National Health Risk Communication Training Program for state health agency personnel. Atlanta (GA): Agency for Toxic Substances and Disease Registry (US); 1993. Report No.: ATSDR/HS-93/22. 200 p. Available from: NTIS, Springfield, VA; PB93-192953. Prepared in cooperation with Association of State and Territorial Health Officials, Washington.

Balch GI, Sutton SM. Putting the first audience first: conducting useful evaluation for a risk-related government agency. *Risk Anal* 1995 Apr;15(2):163-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95320394&dopt=Abstr

Boston University, School of Law. Risk communication as a regulatory alternative for protecting health, safety and environment. Boston: The University; 1989 Dec. 164 p. Available from: NTIS, Springfield, VA; PB91146092. Funded by the Administrative Conference of the United States, Washington.

Brandys RC. Hazard communication/right-to-know for health care facilities. *Manag Compliance Ser* 1991;6:ii-ix, 1-363. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92208387&dopt=Abstr

Brinkhuis R. Chemicals in the environment. Washington: Environmental Protection Agency (US), Office of Pollution, Prevention, and Toxics; 1996. Report No.: EPA/749/R-96/001A. 21 p. (Public access information; no. 2). Available from: NTIS, Springfield, VA; PB96-164918.

Chess C, Salomone KL, Hance BJ. Improving risk communication in government: research priorities. *Risk Anal* 1995 Apr;15(2):127-35.

Chess C, Salomone KL, Sandman PM. Risk communication activities of state health agencies. *Am J Public Health* 1991 Apr;81(4):489-91. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91166026&dopt=Abstr

Covello VT, McCallum DB, Pavlova MT, editors. Effective risk communication: the role and responsibility of government and nongovernment organizations. New York (NY): Plenum; 1989. 370 p. Workshop on the Role of Government in Health Risk Communication and Public Education, held January 21-23, 1987 in Washington, D.C., sponsored by the Task Force on Environmental Cancer and Heart and Lung Disease. (Contemporary issues in risk analysis; vol. 4).

EHRARCP: Environmental Health Risk Assessment & Risk Communication Program [homepage on the Internet]. Aberdeen (MD): Army Center for Health Promotion & Preventive Medicine (US); [modified 1999 Aug 30; cited 2000 Sep 25]. Available from: <http://chppm-www.apgea.army.mil/hrarcp/>

Environmental Health Center/National Safety Council [homepage on the Internet]. Washington (DC): National Safety Council; [modified 2000 Sept 15; cited 2000 Oct 16]. Available from: <http://www.nsc.org/ehc.htm>

Environmental Health Policy Committee [homepage on the Internet]. Washington (DC): Department of Health and Human Services (US); [modified 2000 May 4; cited 2000 Sep 25]. Available from: <http://www.health.gov/environment/default.htm>

Executive Office of the President (US), Office of Science and Technology Policy, National Science and Technology Council. Improving the health of our military, veterans, and their families [monograph on the Internet]. Washington (DC): The Office; 1998 Aug [modified 2000 Aug 6; cited 2000 Oct 20]. Appendix A: A guide to health risk communications; [18 p.]. (Presidential review directive; 5). Available from: http://www.whitehouse.gov/WH/EOP/OSTP/NSTC/html/directive5.html#_Toc426272947

Fisher A, Chen YC. Customer perceptions of agency risk communication. *Risk Anal* 1996 Apr;16(2):177-84. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96214127&dopt=Abstr

Fisher A, Chitose A, Gipson PS. One agency's use of risk assessment and risk communication. *Risk Anal* 1994 Apr;14(2):207-12. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94278179&dopt=Abstr

Glik DC. Improving risk communication: National Research Council. *Health Educ Q* 1991 Fall;18(3):391-4.

Guidance for ATSDR health studies. [Washington (DC)]: Agency for Toxic Substances and Disease Registry (US), Division of Health Studies; 1996.

Hance BJ. Improving dialogue with communities: a risk communication manual for government. Trenton (NJ): New Jersey Department of Environmental Protection; 1988.

House of Lords (UK), Select Committee on Science and Technology. Science and technology - third report [monograph on the Internet]. London (UK): The Stationery Office; 2000 Feb 23 [modified 2000 Mar 14; cited 2000 Sep 25]. Available from: <http://www.parliament.the-stationery-office.co.uk/pa/ld199900/ldselect/ldstech/38/3801.htm>

Johnson BL. Health risk communication at the Agency for Toxic-Substances and Disease Registry. *Risk Anal* 1987 Dec;7(4):409-12.

Johnson BL, Tinker T. An assessment of federal environmental health training resources. *J Environ Health* 1999 Dec;62(5):21-5.

Klaunberg BJ, Vermulen EK. Role for risk communication in closing military waste sites. *Risk Anal* 1994 Jun;14(3):351-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94302333&dopt=Abstr

Mills A, Foureman GL. US EPA's IRIS pilot program: establishing IRIS as a centralized, peer-reviewed data base with agency consensus. *Integrated Risk Information System. Toxicology* 1998 May 15;127(1-3):85-95. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98363376&dopt=Abstr

National Air Toxics Information Clearinghouse: case studies in risk communication. Research Triangle Park (NC): Radian Corporation, Progress Center; 1989. Report No.: DCN-88-239-001-38-11. Contract No.: EPA-68-02-4330. 48 p. Available from: NTIS, Springfield, VA: PB89-104277. Sponsored by the Environmental Protection Agency, Office of Air Quality Planning and Standards, Research Triangle Park, NC.

National Environmental Health Association [homepage on the Internet]. Denver (CO): The Association; [modified 2000 Oct 6; cited 2000 Oct 16]. Available from: <http://www.neha.org/>

National Environmental Health Association [homepage on the Internet]. Denver (CO): The Association; [modified 2000 Oct 6; cited 2000 Oct 16]. Available from: <http://www.neha.org/>

National Institute of Environmental Health Sciences (US). NIEHS Strategic Plan 2000 [monograph on the Internet]. Bethesda (MD): The Institute; 2000 Mar [modified 2000 Mar 24; cited 2000 Sep 25]. Section 8.0, Communication; [5 screens]. Available from: <http://www.niehs.nih.gov/external/plan2000/communi cate.htm>

National Science & Technology Council (US), Committee on Environment and Natural Resources. Principles for risk assessment, management, and communication [monograph on the Internet]. Suitland (MD): NOAA/NIC Network Information Center; [modified 1996 May 16; cited 2000 Oct 12]. [3 p.]. Available from: <http://www.nnic.noaa.gov/CENR/principi.html>

Nickle RA. Mercury: top of the hit parade for eight years. *Drug Chem Toxicol* 1999 Feb;22(1):129-42.

NPTN: National Pesticide Telecommunications Network [homepage on the Internet]. Corvallis (OR): Oregon State University; [modified 2000 Jul 26; cited 2000 Sep 25]. Co-sponsored by the US Environmental Protection Agency. Available from: <http://ace.orst.edu/info/nptn/index.html>

Pavlova MT. Superfund and one community program. *Am J Ind Med* 1993 Jan;23(1):183-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135209&dopt=A bstract

Russell CS, O'Grady K. Applied risk communication within the Corps of Engineers. Final report. Fort Belvoir (VA): Army Engineer Institute for Water Resources; 1996 Mar. Report No.: ADA3176286. 152 p.

Santos SL, McCallum DB. Communicating to the public: using risk comparisons. *Hum Ecol Risk Assess* 1997 Dec;3(6):1197-214.

Schaefer ME. Infection control, OSHA and a hazards communication program. *J Calif Dent Assoc* 1990 Aug;18(8):53-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91170997&dopt=A bstract

Sharlin HI. EDB: a case study in communicating risk. *Risk Anal* 1986 Mar;6(1):61-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87262194&dopt=A bstract

SIS: Specialized Information Services [homepage on the Internet]. Bethesda (MD): National Library of Medicine (US); [cited 2000 Oct 16]. Available from: <http://www.sis.nlm.nih.gov/index.cfm>

Sly T. The perception and communication of risk: a guide for the local health agency. *Can J Public Health* 2000 Mar-Apr;91(2):153-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20291647&dopt=A bstract

Society for Risk Analysis [homepage on the Internet]. McLean (VA): The Society; [modified 2000 Sep 20; cited 2000 Sep 25]. Available from: <http://www.sra.org/>

Sparkes T, Tivey J, Monkhouse A, Williamson C, Clark A, Lewis JR, Fleming S. Managing risk. A priority in the health service. *Health Serv J* 1992 Jan 16;102(5285):suppl 1-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92210311&dopt=A bstract

Stratman JF, Boykin C, Holmes MC, Laufer MJ, Breen M. Risk communication, metacommunication, and rhetorical stases in the Aspen-EPA superfund controversy. *J Bus Tech Commun* 1995 Jan;9(1):5-41.

Tinker T, editor. Case studies of applied evaluation for health risk communication [monograph on the Internet]. Workshop proceedings; 1994 Jun 9; Annapolis, MD. Washington (DC): Department of Health and Human Services (US), Public Health Service, Environmental Health Policy Committee, Subcommittee on Risk Communication and Education; 1999 Jun 9 [cited 2000 Sep 25]. Available from: <http://www.health.gov/environment/Casestudies/cstoc.htm>

Tinker TL. Recommendations to improve health risk communication: lessons learned from the U.S. Public Health Service. *J Health Commun* 1996 Apr-Jun;1(2):197-217. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20328488&dopt=A bstract

Tinker TL, Collins CM, King HS, Hoover MD. Assessing risk communication effectiveness: perspectives of agency practitioners. *J Hazard Mater* 2000 Apr 3;73(2):117-27. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20175896&dopt=A bstract

Young AL. A White House perspective on risk assessment and risk communication. *Sci Total Environ* 1990 Dec 15;99(3):223-8; discussion 228-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91173269&dopt=A bstract

Subject Specific Issues in Risk Communication

Medical Risk

Adelsward V, Sachs L. A nurse in preventive work--dilemmas of health information talks. *Scand J Caring Sci* 1996;10(1):45-52. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96361204&dopt=Abstr

Arkin EB. Cancer risk communication-what we know. *J Natl Cancer Inst Monogr* 1999;(25):182-5. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/182>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314231&dopt=Abstr

Ball LK, Evans G, Bostrom A. Risky business: challenges in vaccine risk communication. *Pediatrics* 1998 Mar;101(3 Pt 1):453-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98149943&dopt=Abstr

Baum N. Patient communication in the era of managed care. Improving compliance and outcomes while reducing risk. *Cost Qual Q J* 1998 Oct;4(3):29-32. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99213143&dopt=Abstr

Betso JE, Kociba RJ, Talcott AT. Hazard communication: the case for category IV "cancer information". *Regul Toxicol Pharmacol* 1988 Jun;8(2):219-25. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89018068&dopt=Abstr

Biderman A, Herman J. Risk markers are not without risk. *J Clin Epidemiol* 2000 Jun;53(6):635-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20341868&dopt=Abstr

Biesecker BB. Introduction of section: enabling informed decisions about cancer risk. *J Natl Cancer Inst Monogr* 1999;(25):43. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314208&dopt=Abstr

Bogardus ST Jr, Holmboe E, Jekel JF. Perils, pitfalls, and possibilities in talking about medical risk. *JAMA*

1999 Mar 17;281(11):1037-41. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99184245&dopt=Abstr

Bostrom A. Vaccine risk communication: lessons from risk perception, decision making and environmental risk communication research. *Risk* [serial on the Internet] 1997 Spring [cited 2000 Sep 25];8:173 passim [20 screens]. Based in part on a May 1996 presentation at the Vaccine Safety Forum workshop, Institute of Medicine. Available from: <http://www.fplc.edu/RISK/vol8/spring/bostrom.htm>

Bottorff JL, Ratner PA, Johnson JL, Lovato CY, Joab SA. Communicating cancer risk information: the challenges of uncertainty. *Patient Educ Couns* 1998 Jan;33(1):67-81.

Bray SL. Sealing the conceptual cracks in the SEC's environmental disclosure rules: a risk communication approach. *Univ Pa J Int Econ Law* 1997 Summer;18(2):655-87.

Brown J, Chapman S, Lupton D. Infinitesimal risk as public health crisis: news media coverage of a doctor-patient HIV contact tracing investigation. *Soc Sci Med* 1996 Dec;43(12):1685-95. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97120741&dopt=Abstr

Brown P. The risk of bovine spongiform encephalopathy ('mad cow disease') to human health. *JAMA* 1997 Sep 24;278(12):1008-11. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97450908&dopt=Abstr

Buetow S, Cantrill J, Sibbald B. Risk communication in the patient-health professional relationship. *Health Care Anal* 1998 Sep;6(3):261-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98444530&dopt=Abstr

Buetow S, Cantrill J, Sibbald B. Risk communication in the patient-health professional relationship. *Health Care Anal* 1998 Sep;6(3):261-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98444530&dopt=Abstr

Cancer Risk Communication: What We Know and What We Need to Learn. December 10-11, 1998. *J Natl Cancer Inst Monogr* 1999;(25):1-185. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314198&dopt=Abstr

Chatterton HT. Efficacy, risk, and the determination of value: shared medical decision making in the age of information [editorial]. *J Fam Pract* 1999 Jul;48(7):505-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99355200&dopt=Abstr

Chen RT, Hibbs B. Vaccine safety: current and future challenges. *Pediatr Ann* 1998 Jul;27(7):445-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98342580&dopt=Abstr
Fulltext at: <http://www.cdc.gov/nip/vacsafe/research/ped.htm>

Conway JJ. Communicating risk information in medical practice. *Radiographics* 1992 Jan;12(1):207-14. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92132084&dopt=Abstr

Croyle RT, Lerman C. Risk communication in genetic testing for cancer susceptibility. *J Natl Cancer Inst Monogr* 1999;(25):59-66. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/59>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314211&dopt=Abstr

Dayan AD. Risk assessment and risk communication. *Drugs Pharm Sci* 2000;103:305-20.

Dearfield KL. Information requirements and regulatory approaches for heritable genetic risk assessment and risk communication. *Mutat Res* 1995 Aug;330(1-2):35-40. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95349645&dopt=Abstr

Donohoe KJ, Brill AB, Brill DR, Conway JJ, Silberstein EB, Whipple C. How to be an effective risk communicator [news]. *J Nucl Med* 1996 Jul;37(7):20N-22N. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96268124&dopt=Abstr

Donohoe KJ, Brill AB, Brill DR, Conway JJ, Silberstein EB, Whipple C. How to be an effective risk communicator--Part 1 [news]. *J Nucl Med* 1996 Jun;37(6):23N-26N. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96300343&dopt=Abstr

Drijver M, Woudenberg F. Cluster management and the role of concerned communities and the media. *Eur J Epidemiol* 1999 Oct;15(9):863-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20074046&dopt=Abstr

Dunn SM, Patterson PU, Butow PN, Smartt HH, McCarthy WH, Tattersall MH. Cancer by another name: a randomized trial of the effects of euphemism and uncertainty in communicating with cancer patients. *J Clin Oncol* 1993 May;11(5):989-96. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93253447&dopt=Abstr

Earle TC, Cvetkovich G. Risk judgment, risk communication and conflict management. In: Brehmer B, Joyce CR, et al., editors. *Human judgment: The SJT view*. Amsterdam (Netherlands): North-Holland; 1988. p. 361-400. (*Advances in psychology*; 54).

Edwards A, Elwyn G. How should effectiveness of risk communication to aid patients' decisions be judged? A review of the literature. *Med Decis Making* 1999 Oct-Dec;19(4):428-34. Comment in: *Med Decis Making* 1999 Oct-Dec;19(4):504-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99448991&dopt=Abstr

Edwards A, Hood K, Matthews E, Russell D, Russell I, Barker J, Bloor M, Burnard P, Covey J, Pill R, Wilkinson C, Stott N. The effectiveness of one-to-one risks-communication interventions in health care: a systematic review. *Med Decis Making* 2000 Jul-Sep;20(3):290-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20383676&dopt=Abstr

Edwards A, Matthews E, Pill R, Bloor M. Communication about risk: diversity among primary care professionals. *Fam Pract* 1998 Aug;15(4):296-300. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99006829&dopt=Abstr

Edwards A, Matthews E, Pill R, Bloor M. Communication about risk: the responses of primary care professionals to standardizing the 'language of risk' and communication tools. *Fam Pract* 1998 Aug;15(4):301-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99006830&dopt=Abstr

Edwards A, Pill R, Stott N. Communicating risk. Use of standard terms is unlikely to result in standard

communication [letter]. *BMJ* 1996 Dec 7;313(7070):1483. Comment on: *BMJ* 1996 Sep 28;313(7060):799-802. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97128699&dopt=Abstr

Edwards A, Prior L. Communication about risk--dilemmas for general practitioners. The Department of General Practice Working Group, University of Wales College of Medicine. *Br J Gen Pract* 1997 Nov;47(424):739-42. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98180053&dopt=Abstr

Edwards IR, Hugman B. The challenge of effectively communicating risk-benefit information. *Drug Saf* 1997 Oct;17(4):216-27. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98013007&dopt=Abstr

Eiser JR. Communication and interpretation of risk. *Br Med Bull* 1998;54(4):779-90. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99295490&dopt=Abstr

Elwyn G, Gray J, Clarke A. Shared decision making and non-directiveness in genetic counselling. *J Med Genet* 2000 Feb;37(2):135-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20130342&dopt=Abstr

Environmental Protection Agency (US), Office of Toxic Substances, Economics and Technology Division. *Toxics in the community: national and local perspectives*. Washington (DC): The Agency; 1990.

Environmental Protection Agency (US), Office of Water. *Guidance for assessing chemical contaminant data for use in fish advisories: risk communication*. Washington (DC): The Agency; 1995 Feb. Report No.: EPA823R95001. 246 p. Available from: NTIS, Springfield, VA; PB95219275.

Epstein RM, Morse DS, Frankel RM, Frarey L, Anderson K, Beckman HB. Awkward moments in patient-physician communication about HIV risk. *Ann Intern Med* 1998 Mar 15;128(6):435-42. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98156407&dopt=Abstr

Evans G, Bostrom A, Johnston RB, Fisher BL, Stoto MA, editors. *Risk communication and vaccination: summary of a workshop* [monograph on the Internet]. Washington (DC): National Academy Press; 1997 [modified 1997 July 9; cited 2000 Oct 23]. [35 p.].

Available from: <http://www.nap.edu/readingroom/books/rcv/>

Evers-Kiebooms G. Risk communication in genetic counselling and genetic risk perception. *Eur Rev Appl Psychol* 1995;45(1):23-8.

Farag AS, Cheng TC, Penn D. Development of an electromagnetic fields risk communication plan. *Electr Power Syst Res* 1999 May 3;50(1):55-63.

Fischhoff B. Why (cancer) risk communication can be hard. *J Natl Cancer Inst Monogr* 1999;(25):7-13. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/7>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314201&dopt=Abstr

Fisher A, Pavlova M, Covello V, editors. *Evaluation and Effective Risk Communications; Proceedings of a Workshop*; 1988 Jun; Washington. Washington: Interagency Task Force on Environmental Cancer and Heart and Lung Disease; 1991. Report No.: EPA/600/9-90/054. 273 p. Available from: NTIS, Springfield, VA; PB91-211896.

Flynn J, Slovic P. Understanding the issues in communicating about low dose radiation exposure [abstract]. In: *Risk and risk communication abstract index: DOE Low Dose Radiation Research Program Workshop I abstracts* [database on the Internet]; 1999 Nov 10-12; Washington, DC. Washington (DC): Department of Energy (US); [modified 2000 Mar 2; cited 2000 Oct 23]. Available from: <http://lowdose.org/99meeting/abstracts/flynn.html>

Foster KR, Erdreich LS, Moulder JE. Weak electromagnetic fields and cancer in the context of risk assessment. *Proc IEEE* 1997 May;85(5):733-46.

Freed GL, Katz SL, Clark SJ. Safety of vaccinations. Miss America, the media, and public health. *JAMA* 1996 Dec 18;276(23):1869-72. Comments in: *JAMA* 1996 Dec 18;276(23):1917; *JAMA* 1997 Jul 23-30;278(4):290-1. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97122382&dopt=Abstr

Freeman TR, Bass MJ. Determinants of maternal tolerance of vaccine-related risks. *Fam Pract* 1992 Mar;9(1):36-41. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92339775&dopt=Abstract

Freeman TR, Bass MJ. Risk language preferred by mothers in considering a hypothetical new vaccine for their children. *CMAJ* 1992 Oct 1;147(7):1013-7. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93007575&dopt=Abstr

General Accounting Office (US). Efforts to communicate about asbestos abatement not always effective: report to the Chairman, Subcommittee on Treasury, Postal Service and General Government, Committee on Appropriations, U.S. Senate. Washington (DC): The Office; 1992 Jan. Report No.: GAO/GGD-92-28. 17 p.

Gerbert B, Bleecker T, Saub E. Risk perception and risk communication: benefits of dentist-patient discussions. *J Am Dent Assoc* 1995;126(3):333-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95204795&dopt=Abstr

Gibson G, Higgs E, Hrudehy SE. Sour gas, bitter relations. *Altern J* 1998 Spring;24(2):26-31.

Glickman LT. Weighing the risks and benefits of vaccination. *Adv Vet Med* 1999;41:701-13. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99106729&dopt=Abstract

Gotsch AR, Kashdan RG. Risk communication. *N J Med* 1988 Nov;85(11):954-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89082949&dopt=Abstr

Grabenstein JD, Wilson JP. Are vaccines safe? risk communication applied to vaccination. *Hosp Pharm* 1999 Jun;34:713-4, 717-8, 721-3, 727-9.

Green MD. When toxic worlds collide: regulatory and common law prescriptions for risk communication. *Harvard Environ Law Rev* 1989;13(1):209-43.

Greenberg M, Wartenberg D. Communicating to an alarmed community about cancer clusters: a fifty state survey. *J Community Health* 1991 Apr;16(2):71-82. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91310828&dopt=Abstr

Griffin RJ. Using systematic thinking to choose and evaluate evidence. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 225-48.

Grimes DA, Snively GR. Patients' understanding of medical risks: implications for genetic counseling. *Obstet Gynecol* 1999 Jun;93(6):910-4. Available

from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99288999&dopt=Abstr

Hadden SG, Bales BV. Risk communication about chemicals in your community: a manual for local officials. Austin (TX): Lyndon B. Johnson School of Public Affairs; 1993. 80 p. Available from: NTIS, Springfield, VA; PB93-208296. Sponsored by the Environmental Protection Agency, Chemical Emergency Preparedness and Prevention Office, WashingtonA.

Hazardous Substances & Public Health [serial on the Internet]. Atlanta (GA): Centers for Disease Control and Prevention (US), Agency for Toxic Substances and Disease Registry. Vol. 5, no. 1, Winter 1995- [cited 2000 Sep 25]. Available from: <http://www.atsdr.cdc.gov/HEC/hsphhome.html>

Health Risk Communicator [serial on the Internet]. Johnson BL, Ticker T, editors. Atlanta (GA): Agency for Toxic Substances and Disease Registry (US), Environmental Health Policy Committee. 1995 Apr- [cited 2000 Oct 13]. Available from: <http://www.health.gov/environment/HRC/>

Heilbrun K, O'Neill ML, Strohman LK, Bowman Q, Philipson J. Expert approaches to communicating violence risk. *Law Hum Behav* 2000 Feb;24(1):137-48.

Heilbrun K, Philipson J, Berman L, Warren J. Risk communication: clinicians' reported approaches and perceived values. *J Am Acad Psychiatry Law* 1999;27(3):397-406. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99437638&dopt=Abstr

Hendee WR. Communicating and interpreting radiation risk information. *Postgrad Radiol* 1991;11(3):164-76.

Hendrickson G, Burgess K. Creating enforceable negotiated risk agreements. *Contemp Longterm Care* 1999 Feb;22(2):49-50. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99206296&dopt=Abstr

Herman SA, Fields T, Alm AL. Final guidance on improving communication to achieve collaborative decision-making at Department of Energy sites [monograph on the Internet]. Washington (DC): Department of Energy (US), Office of Environmental Management; 1997 Jun 16 [2000 Jun 30; cited 2000 Sep 25]. [6 p.]. Available from: <http://www.em.doe.gov:80/em75/cdmguide.html>

- Hibbard JH, Slovic P, Jewett JJ. Informing consumer decisions in health care: implications from decision-making research. *Milbank Q* 1997;75(3):395-414. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97435968&dopt=Abstract
- Hoedemaekers R. Predictive genetic screening and the concept of risk. In: Clarke A, editor. *The genetic testing of children*. Washington (DC): BIOS Scientific Publishers; 1998.
- Holtgrave DR, Tinsley BJ, Kay LS. Encouraging risk reduction: A decision-making approach to message design. In: Maibach E, Parrott RL, et al., editors. *Designing health messages: approaches from communication theory and public health practice*. Thousand Oaks (CA): Sage Publications, Inc.; 1995. p. 24-40.
- Husserl F. Effective communication: a powerful risk management tool. *J La State Med Soc* 1993 Jan;145(1):29-31. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93139641&dopt=Abstract
- INFOletter: environmental and occupational health briefs. Piscataway (NJ): Environmental and Occupational Health Sciences Institute. Vol. 1, 1987- . 6 times a year.
- Institute of Medicine (US). Vaccine safety forum: summaries of two workshops [monograph on the Internet]. Washington (DC): National Academy Press; 1997 [cited 2000 Oct 25]. [63 p.]. Available from: <http://www.nap.edu/books/0309057914/html/>
- Jauchem J. Alleged health effects of electric or magnetic fields: additional misconceptions in the literature. *J Microw Power Electromagn Energy* 1993;28(3):140-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94096251&dopt=Abstract
- Jenkins RA, Chinaworapong S, Morgan PA, Ruangyuttikarn C, Sontirat A, Chiu J, Michael RA, Nitayaphan S, Khamboonruang C. Motivation, recruitment, and screening of volunteers for a phase I/II HIV preventive vaccine trial in Thailand. *J Acquir Immune Defic Syndr Hum Retrovirol* 1998 Jun 1;18(2):171-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98299695&dopt=Abstract
- Josephson J. Cows for fear: is BSE a threat to human health? Bovine spongiform encephalopathy [news]. *Environ Health Perspect* 1998 Mar;106(3):A134-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99289404&dopt=Abstract
- Kapp MB, Wilson KB. Assisted living and negotiated risk: reconciling protection and autonomy. *J Ethics Law Aging* 1995 Spring-Summer;1(1):5-13.
- Kaskutas LA. Interpretations of risk: the use of scientific information in the development of the alcohol warning label policy. *Int J Addict* 1995;30(12):1519-48. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96122204&dopt=Abstract
- Klausner RD. Foreword. *J Natl Cancer Inst Monogr* 1999;(25):1. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314197&dopt=Abstract
- Knave B. Electric and magnetic fields and health outcomes--an overview. *Scand J Work Environ Health* 1994;20 Spec No:78-89. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95149090&dopt=Abstract
- Kramer BS. Matching strength of message to strength of evidence: a discussion. *J Natl Cancer Inst Monogr* 1999;(25):85-7. Comment on: *J Natl Cancer Inst Monogr* 1999;(25):52-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314214&dopt=Abstract
- Kreuter MW. Dealing with competing and conflicting risks in cancer communication. *J Natl Cancer Inst Monogr* 1999;(25):27-35. Comment in: *J Natl Cancer Inst Monogr* 1999;(25):35-42. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/27>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314206&dopt=Abstract
- Lanska DJ. The mad cow problem in the UK: risk perceptions, risk management, and health policy development. *J Public Health Policy* 1998;19(2):160-83. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98335356&dopt=Abstract
- Lerman C, Hughes C, Croyle RT, Main D, Durham C, Snyder C, Bonney A, Lynch JF, Narod SA, Lynch HT. Prophylactic surgery decisions and surveillance practices one year following BRCA1/2 testing. *Prev Med* 2000 Jul;31(1):75-80. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=108299695&dopt=Abstract

Retrieve&db=PubMed&list_uids=20357505&dopt=Abstract

Leviton LC, Needleman CE, Shapiro MA. Confronting public health risks: a decision maker's guide. Thousand Oaks (CA): Sage Publications; 1998. 253 p.

Linder SH. Ambiguous evidence and institutional interpretation: an alternative view of electric and magnetic fields. *J Health Polit Policy Law* 1994 Spring;19(1):165-90.

Lovegrove E, Rumsey N, Harcourt D, Cawthorn SJ. Factors implicated in the decision whether or not to join the tamoxifen trial in women at high familial risk of breast cancer. *Psychooncology* 2000 May-Jun;9(3):193-202. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20332337&dopt=Abstract

MacGregor DG, Slovic P, Morgan MG. Perception of risks from electromagnetic fields: a psychometric evaluation of a risk-communication approach. *Risk Anal* 1994 Oct;14(5):815-28. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95099056&dopt=Abstract

Maibach E. Cancer risk communication-what we need to learn. *J Natl Cancer Inst Monogr* 1999;(25):179-181. Fulltext at <http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/179A>. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314230&dopt=Abstract

Maibach E. Improving cancer risk communication: a discussion of Fischhoff. *J Natl Cancer Inst Monogr* 1999;(25):14-5. Comment on: *J Natl Cancer Inst Monogr* 1999;(25):7-13. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314202&dopt=Abstract

Marteau TM. Communicating genetic risk information. *Br Med Bull* 1999;55(2):414-28. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20188941&dopt=Abstract

Matthews EJ, Edwards AG, Barker J, Bloor M, Covey J, Hood K, Pill R, Russell I, Stott N, Wilkinson C. Efficient literature searching in diffuse topics: lessons from a systematic review of research on communicating risk to patients in primary care. *Health Libr Rev* 1999 Jun;16(2):112-20. Available from: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=99364235&dopt=Abstract

Mazur DJ, Merz JF. Patients' interpretations of verbal expressions of probability: implications for securing informed consent to medical interventions. *Behav Sci Law* 1994 Autumn;12(4):417-26. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95368099&dopt=Abstract

McCaul KD, Tulloch HE. Cancer screening decisions. *J Natl Cancer Inst Monogr* 1999;(25):52-8. Comment in: *J Natl Cancer Inst Monogr* 1999;(25):85-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314210&dopt=Abstract

McIlwain JC. Clinical risk management: principles of consent and patient information. *Clin Otolaryngol* 1999 Aug;24(4):255-61. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99401675&dopt=Abstract

Milewa T, Calnan M, Almond S, Hunter A. Patient education literature and help seeking behaviour: perspectives from an evaluation in the United Kingdom. *Soc Sci Med* 2000 Aug;51(3):463-75. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20312640&dopt=Abstract

Miller D. Risk, science and policy: definitional struggles, information management, the media and BSE. *Soc Sci Med* 1999 Nov;49(9):1239-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99429752&dopt=Abstract

Morgan MG, Florig HK, Nair I, Cortes C, Marsh K, Pavlosky K. Lay understanding of low-frequency electric and magnetic fields. *Bioelectromagnetics* 1990;11(4):313-35. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91136584&dopt=Abstract

Morgan MG, Slovic P, Nair I, Geisler D, MacGregor D, Fischhoff B, Lincoln D, Florig K. Powerline frequency electric and magnetic fields: a pilot study of risk perception. *Risk Anal* 1985 Jun;5(2):139-49. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87290847&dopt=Abstract

Mort EA. Clinical decision-making in the face of scientific uncertainty: hormone replacement therapy as an example. *J Fam Pract* 1996 Feb;42(2):147-51.

Mosca L, Jones WK, King KB, Ouyang P, Redberg RF, Hill MN. Awareness, perception, and knowledge of heart disease risk and prevention among women in the United States. American Heart Association Women's Heart Disease and Stroke Campaign Task Force. *Arch Fam Med* 2000 Jun;9(6):506-15. Comment in: *Arch Fam Med* 2000 Jun;9(6):516-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20319566&dopt=Abstract

Nakayachi K. An examination of zero-risk effect in willingness to pay for protective actions. *Shinrigaku Kenkyu [Jpn J Psychol]* 1998 Aug;69(3):171-7.

National Cancer Institute (US), Centers for Disease Control and Prevention (US). I-131 fallout from NTS: informing the public [monograph on the Internet]. Workshop summary; 2000 Jan 19-21; Rockville, MD. Bethesda (MD): National Cancer Institute (US); 2000 [modified 2000 May 25; cited 2000 Oct 23]. Available from: http://rex.nci.nih.gov/INTRFCE_GIFS/radiation_fallout/radfall.html

Nelson NJ. Efforts aimed at risk communication flourish. *J Natl Cancer Inst* 2000 Oct 18;92(20):1634-6.

Oleinick A, Fodor WJ, Susselman MM. Risk management for hazardous chemicals. OSHA's Hazard Communication Standard and EPA's Emergency Planning and Community Right-to-Know Regulations. *J Leg Med* 1988 Jun;9(2):179-278. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88316069&dopt=Abstract

Omenn GS. Genetic variation in susceptibility as a key parameter in risk assessment and risk communication: policy aspects. *Prog Clin Biol Res* 1996;395:235-47. Available from: 97051254

Page D, Eason P, Humiston S, Barker W. Notes from the Association of Teachers of Preventive Medicine: vaccine risk/benefit communication project. *Am J Prev Med* 2000 Feb;18(2):176-7. Available from: http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=10698251&dopt=Abstract

Pasacreta JV, McCorkle R. Providing accurate information to women about tamoxifen therapy for breast cancer: current indications, effects, and controversies. *Oncol Nurs Forum* 1998;25(9):1577-83. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99018861&dopt=Abstract

Penson RT, Seiden MV, Shannon KM, Lubratovich ML, Roche M, Chabner BA, Lynch TJ Jr. Communicating genetic risk: pros, cons, and counsel. *Oncologist* 2000;5(2):152-61. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20257158&dopt=Abstract

Persson L. On communication and comparison of radiation risks. *Health Phys* 1993 May;64(5):528-30. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93259802&dopt=Abstract

Peters PW. Teratogenic agents and prevention of birth defects [abstract]. *Fetal Diagn Ther* 1998;13 Suppl 1:29-30.

Peters T, Somerset M, Baxter K, Wilkinson C. Anxiety among women with mild dyskaryosis: a randomized trial of an educational intervention. *Br J Gen Pract* 1999 May;49(442):348-52.

Pho K, Geller A, Schroy PC 3rd. Lack of communication about familial colorectal cancer risk associated with colorectal adenomas (United States). *Cancer Causes Control* 2000 Jul;11(6):543-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20336383&dopt=Abstract

Polifka JE, Faustman EM, Neil N. Weighing the risks and the benefits: a call for the empirical assessment of perceived teratogenic risk. *Reprod Toxicol* 1997 Jul-Aug;11(4):633-40.

Ratzan SC. Cancer risk communication: what we know and what we need to learn. *J Health Commun* 1999 Apr-Jun;4(2):77-82. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20331104&dopt=Abstract

Ratzan SC. Cancer risk communications: what we know and what we need to learn. *Vital Speeches Day* 1999 Feb 15;65(9):267-70. Speech delivered to the National Cancer Institute, Washington DC, December 10, 1998.

Read D, Morgan MG. The efficacy of different methods for informing the public about the range dependency of magnetic fields from high voltage power lines. *Risk Anal* 1998 Oct;18(5):603-10. Available from: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=99070507&dopt=A
bstract

Rest KM. Is the medical community ready for worker
notification? *Am J Ind Med* 1993 Jan;23(1):25-32.
Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135215&dopt=A
bstract

Rimer BK. Cancer control research 2001. *Cancer
Causes Control* 2000 Mar;11(3):257-70. Available
from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20242754&dopt=A
bstract

Rimer BK, Van Nevel JP, editors. *Cancer risk
communication: what we know and what we need to
learn*. Bethesda (MD): The National Cancer Institute
(US); 1999. 185 p. Based on a conference held at the
National Cancer Institute, December 10-11, 1998.
(NCI monograph; no. 25).

Risk and risk communication abstract index: DOE
Low Dose Radiation Research Program Workshop I
abstracts [database on the Internet]; 1999 Nov 10-12;
Washington, DC. Washington (DC): Department of
Energy (US); [modified 2000 Mar 2; cited 2000 Oct
23]. Available from:

<http://lowdose.org/99meeting/abstracts/risk.html>

Risk communication lessons learned from patients'
education materials. *Hazard Subst Public Health* 1993
Aug;3(3):1-10.

Sachs L. Knowledge of no return--getting and giving
information about genetic risk. *Acta Oncol*
1999;38(6):735-41. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99450598&dopt=A
bstract

Salvatore JR. Low-frequency magnetic fields and
cancer. What you should know and what to tell your
patients. *Postgrad Med* 1996 Aug;100(2):183-8, 190.
Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96323050&dopt=A
bstract

Schneider AE, Davis RB, Phillips RS. Discussion of
hormone replacement therapy between physicians and
their patients. *Am J Med Qual* 2000 Jul-
Aug;15(4):143-7. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20404587&dopt=A
bstract

Schwartz LM, Woloshin S, Welch HG. Risk
communication in clinical practice: putting cancer in
context. *J Natl Cancer Inst Monogr* 1999;(25):124-33.

Fulltext at
<http://jncimonographs.oupjournals.org/cgi/content/full/1999/25/124>. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314220&dopt=A
bstract

Seibert PJ Jr. Complying with the hazard
communication standard. *J Am Vet Med Assoc* 1994
Feb 15;204(4):531-4. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94216185&dopt=A
bstract

Sjoberg L. *Risk perception and credibility of risk
communication*. Stockholm (Sweden): Stockholm
School of Economics, Center for Risk Research; 1992
Oct. 26 p. Available from: NTIS, Springfield, VA;
DE95627113.

Slovenko R. Why study informed consent? [letter].
Hastings Cent Rep 1999 Jul-Aug;29(4):4. Comment
on: *Hastings Cent Rep* 1999 Jan-Feb;29(1):S1-42.
Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99381136&dopt=A
bstract

Slovic P, Fischhoff B, Lichtenstein S. Informing the
public about the risks from ionizing radiation. *Health
Phys* 1981 Oct 1;41(4):589-98. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=82075305&dopt=A
bstract

Slovic P, Malmfors T, Krewski D, Mertz CK, Neil N,
Bartlett S. Intuitive toxicology. II. Expert and lay
judgments of chemical risks in Canada. *Risk Anal*
1995 Dec;15(6):661-75.

Slovic P, Monahan J, MacGregor DG. Violence risk
assessment and risk communication: the effects of
using actual cases, providing instruction, and
employing probability versus frequency formats. *Law
Hum Behav* 2000 Jun;24(3):271-96. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20305727&dopt=A
bstract

Smith L. Choice and risk in the care of elderly people.
In: Hunt G, editor. *Ethical issues in nursing*. New
York (NY): Routledge; 1994. p. 55-72.

Smith SL. The effective use of fear appeals in
persuasive immunization: An analysis of national
immunization intervention messages. *J Appl Commun
Res* 1997 Nov;25(4):264-92.

Stanbury M, Solice-Sample G, Pescatore J. Asbestos
disease risk communication conducted by the New
Jersey Department of Health. *Am J Ind Med*
1993;23(1):97-104. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135226&dopt=Abstract

Steinberg KK. Risks associated with genetic testing: health insurance discrimination or simply business as usual? *J Am Med Womens Assoc* 2000 Summer;55(4):241-2. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20391045&dopt=Abstract

Stone AJ, Siegel JM. Correlates of accurate knowledge of cancer. *Health Educ Q* 1986 Spring;13(1):39-50. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=86167502&dopt=Abstract

Stoto MA, Evans G, Bostrom A. Vaccine risk communication. *Am J Prev Med* 1998 Apr;14(3):237-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98228186&dopt=Abstract

Swanson GM. Breast cancer risk estimation: a translational statistic for communication to the public [editorial]. *J Natl Cancer Inst* 1993 Jun 2;85(11):848-9. Comment on: *J Natl Cancer Inst* 1993 Jun 2;85(11):892-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93260716&dopt=Abstract

3rd European Workshop on Drug Information, Risk Assessment and Risk Communication. Helsinki, Finland, 14-16 June 1995. Abstracts. *Pharm World Sci* 1995 May 26;17(3 Suppl E):E3-17. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95330009&dopt=Abstract

Thompson CA. Communicating medication risk. *Am J Health Syst Pharm* 1995;52(13):1407.

Thoreson S. Communicating environmental risk. Patients look to you for information. *Colo Med* 1992 Sep;89(9):322-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93009551&dopt=Abstract

Thornton JG, Vandenborne MJ, Debruijn AJ. Risk communication; the patient's view. *Early Hum Dev* 1996 Dec 30;47 Suppl:S13-7.

Timmermans DR, Politser P, Wakker PP. Aggregation, rationality, and risk communication: three current debates in medical decision making. In: Caverni JP, Bar-Hillel M, et al., editors. *Contributions to decision making--I*. Amsterdam (Netherlands):

North-Holland/Elsevier Science Publishers; 1995. p. 111-7.

Towle A, Godolphin W. Framework for teaching and learning informed shared decision making. *BMJ* 1999 Sep 18;319(7212):766-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99418921&dopt=Abstract

Van Nevel JP. Introduction of section: breakout session reports. *J Natl Cancer Inst Monogr* 1999;(25):179. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314229&dopt=Abstract

Van Nevel JP. Introduction of section: challenges inherent in communicating cancer risk information. *J Natl Cancer Inst Monogr* 1999;(25):5A-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314200&dopt=Abstract

van Zuuren FJ, van Schie EC, van Baaren NK. Uncertainty in the information provided during genetic counseling. *Patient Educ Couns* 1997 Sep-Oct;32(1-2):129-39. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98017214&dopt=Abstract

Verbeke W, Viaene J, Guiot O. Health communication and consumer behavior on meat in Belgium: from BSE until dioxin. *J Health Commun* 1999 Oct-Dec;4(4):345-57. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20217534&dopt=Abstract

Viscusi WK, Magat Wesley A, Huber J. Communication of ambiguous risk information. *Theory Decis* 1991 Sep-Nov;31(2-3):159-73.

Wilcke JT, Seersholm N, Kok-Jensen A, Dirksen A. Transmitting genetic risk information in families: attitudes about disclosing the identity of relatives. *Am J Hum Genet* 1999 Sep;65(3):902-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99375041&dopt=Abstract

Williams JK, Schutte DL, Evers C, Holkup PA. Redefinition: coping with normal results from predictive gene testing for neurodegenerative disorders. *Res Nurs Health* 2000 Aug;23(4):260-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20400890&dopt=Abstract

Wilson J. Proactive risk management: effective communication. *Br J Nurs* 1998 Aug 13-Sep 9;7(15):918-9.

Woloshin S, Schwartz LM. How can we help people make sense of medical data? *Eff Clin Pract* 1999 Jul-Aug;2(4):176-83. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99403540&dopt=Abstract

Workshop keynote address. *J Natl Cancer Inst Monogr* 1999;(25):5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20314199&dopt=Abstract

Wright R. Risk communication: how to answer tough patient questions. *J Am Dent Assoc* 1994 Aug;125(8):1131-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94342641&dopt=Abstract

Yaniv G. Withholding information from cancer patients as a physician's decision under risk. *Med Decis Making* 2000 Apr-Jun;20(2):216-27. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20233313&dopt=Abstract

Environmental Risk

Agency for Toxic Substances and Disease Registry (US). Public health statements: what you need to know about toxic substances commonly found at Superfund hazardous waste sites. Atlanta (GA): Department of Health and Human Services (US), Public Health Service; 1992?

Ahmed AK, Bernabo JC. Integrating risk assessment and risk communication: an interactive approach to environmental decision making [monograph on the Internet]. Washington (DC): RAND Environmental Science and Policy Center; 1995 Jul [modified 2000 Aug 18; cited 2000 Sep 25]. [6 p.]. Available from: <http://www.rand.org/centers/espc/publications/riskppr.html>

Anderson P, Hughes JR. Policy interventions to reduce the harm from smoking. *Addiction* 2000 Jan;95 Suppl 1:S9-11. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20188891&dopt=Abstract

Army Corps of Engineers (US). Explaining flood risk. Washington (DC): The Corps; 1992 Apr. 31 p.

Baird BN. Tolerance for environmental health risks: the influence of knowledge, benefits, voluntariness, and environmental attitudes. *Risk Anal* 1986 Dec;6(4):425-35. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87262215&dopt=Abstract

Baker F. Risk communication about environmental hazards. *J Public Health Policy* 1990 Autumn;11(3):341-59. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91036060&dopt=Abstract

Barnes DE, Hanauer P, Slade J, Bero LA, Glantz SA. Environmental tobacco smoke. The Brown and Williamson documents. *JAMA* 1995 Jul 19;274(3):248-53. Comment in: *JAMA* 1996 Jan 24-31;275(4):279; discussion 280. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95333472&dopt=Abstract

Benjamin SL, Belluck DA. Risk feedback: an important step in risk communication. *Am Water Works Assoc J* 1990;82(11):50-5.

Bero LA, Galbraith A, Rennie D. Sponsored symposia on environmental tobacco smoke. *JAMA* 1994 Feb 23;271(8):612-7. Available from:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94133392&dopt=Abstr

Bertazzi PA. Future prevention and handling of environmental accidents. *Scand J Work Environ Health* 1999 Dec;25(6):580-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20339216&dopt=Abstr

Betso JE, Kociba RJ, Talcott AT. Hazard communication: the case for category IV "cancer information". *Regul Toxicol Pharmacol* 1988 Jun;8(2):219-25. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89018068&dopt=Abstr

Bord RJ, Fisher A, O'Connor RE. Is accurate understanding of global warming necessary to promote willingness to sacrifice? *Risk* [serial on the Internet] 1997 Fall [cited 2000 Sep 25];8:[8 p.]. Available from: <http://www.fplc.edu/RISK/vol8/fall/Bord+.htm>

Bord RJ, Fisher A, O'Connor RE. Public perceptions of global warming: United States and international perspectives. *Clim Res* 1998 Dec 17;11(1):75-84. Available from: <http://www.int-res.com/abstracts/cr/v11/n1/p75-84.html>

Bostrom A, Morgan MG, Fischhoff B, Read D. What do people know about global climate-change. 1. Mental models. *Risk Anal* 1994 Dec;14(6):959-70.

Bradbury JA. Risk communication in environmental restoration programs. *Risk Anal* 1994 Jun;14(3):357-63.

Bray SL. Sealing the conceptual cracks in the SEC's environmental disclosure rules: a risk communication approach. *Univ Pa J Int Econ Law* 1997 Summer;18(2):655-87.

Briggs DJ, Stern R, Tinker TL, editors. *Environmental health for all: risk assessment and risk communication for national environmental health action plans*. Proceedings of the NATO Advanced Research Workshop on Inclusive Approaches to Risk Assessment and Priority Setting for National Environmental Health Action Plans; 1997 Dec 15-20; Ostrava, Czech Republic. Boston (MA): Kluwer Academic Publishers; 1999. 278 p. (NATO science series; vol. 49).

Crawford-Brown DJ. Modeling the modification of the risk of radon-induced lung cancer by environmental tobacco smoke. *Risk Anal* 1992 Dec;12(4):483-93. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93126624&dopt=Abstr

[Retrieve&db=PubMed&list_uids=93126624&dopt=Abstr](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93126624&dopt=Abstr)

Cvetkovich G, Earle TC. Environmental hazards and the public. *J Soc Issues* 1992 Winter;48(4):1-20.

Delaney KM. Health and environmental risk communication [monograph on the Internet]. Washington (DC): Department of Defense (US), Office of Environmental Cleanup; 1997 Jun 10 [modified 1998 Dec 9; cited 2000 Sep 25]. [30 p.]. Available from: <http://www.dtic.mil/envirodod/rab/fudtrm/rab4/sld001.htm>

Department of Health and Human Services (US), Environmental Health Policy Committee, Risk Communication and Education Subcommittee. An ensemble of definitions of environmental health [monograph on the Internet]. Washington (DC): Department of Health and Human Services (US); 1998 Nov 20 [cited 2000 Sep 25]. [5 p.]. Available from: <http://www.health.gov/environment/DefinitionsofEnvHealth/ehdef2.htm>

Donohoe KJ, Brill AB, Brill DR, Conway JJ, Silberstein EB, Whipple C. How to be an effective risk communicator [news]. *J Nucl Med* 1996 Jul;37(7):20N-22N. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96268124&dopt=Abstr

Donohoe KJ, Brill AB, Brill DR, Conway JJ, Silberstein EB, Whipple C. How to be an effective risk communicator--Part 1 [news]. *J Nucl Med* 1996 Jun;37(6):23N-26N. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96300343&dopt=Abstr

Drabek TE. Understanding disaster warning responses. *Soc Sci J* 1999;36(3):515-23.

Drijver M, Woudenberg F. Cluster management and the role of concerned communities and the media. *Eur J Epidemiol* 1999 Oct;15(9):863-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20074046&dopt=Abstr

Earle TC, Cvetkovich G. What was the meaning of Chernobyl Ukraine USSR. *J Environ Psychol* 1990;10(2):169-76.

Environmental Protection Agency (US), Office of Toxic Substances, Economics and Technology Division. *Toxics in the community: national and local perspectives*. Washington (DC): The Agency; 1990.

Environmental Protection Agency (US), Office of Water. *Guidance for assessing chemical contaminant*

- data for use in fish advisories: risk communication. Washington (DC): The Agency; 1995 Feb. Report No.: EPA823R95001. 246 p. Available from: NTIS, Springfield, VA; PB95219275.
- Farag AS, Cheng TC, Penn D. Development of an electromagnetic fields risk communication plan. *Electr Power Syst Res* 1999 May 3;50(1):55-63.
- Fietkau HJ. Accident prevention and risk communication in environmental protection: a sociopsychological perspective. *Ind Crisis Q* 1990;4(4):277-89.
- Fitzpatrick C, Mileti DS. Public risk communication. In: Dynes RR, Tierney KJ, editors. *Disasters, collective behavior, and social organization*. Newark (NJ): University of Delaware Press; 1994. p. 71-84.
- Flynn J, Slovic P. Understanding the issues in communicating about low dose radiation exposure [abstract]. In: *Risk and risk communication abstract index: DOE Low Dose Radiation Research Program Workshop I abstracts* [database on the Internet]; 1999 Nov 10-12; Washington, DC. Washington (DC): Department of Energy (US); [modified 2000 Mar 2; cited 2000 Oct 23]. Available from: <http://lowdose.org/99meeting/abstracts/flynn.html>
- Foster KR, Erdreich LS, Moulder JE. Weak electromagnetic fields and cancer in the context of risk assessment. *Proc IEEE* 1997 May;85(5):733-46.
- Friedman SM. The never-ending story of dioxin. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 113-36.
- Galea V. Understanding environmental risk [monograph on the Internet]. Columbus (OH): Ohio State University; [modified 2000 Apr 25; cited 2000 Oct 12]. [3 p.]. (Ohio State University extension fact sheet; CDFS-195-96). Available from: <http://ohioline.ag.ohio-state.edu/cd-fact/0195.html>
- Galea V. Understanding environmental risk. Part II: Terminology [monograph on the Internet]. Columbus (OH): Ohio State University; [modified 2000 Apr 25; cited 2000 Oct 12]. [3 p.]. Available from: <http://ohioline.ag.ohio-state.edu/cd-fact/0196.html>
- General Accounting Office (US). Efforts to communicate about asbestos abatement not always effective: report to the Chairman, Subcommittee on Treasury, Postal Service and General Government, Committee on Appropriations, U.S. Senate. Washington (DC): The Office; 1992 Jan. Report No.: GAO/GGD-92-28. 17 p.
- Gibson G, Higgs E, Hruzey SE. Sour gas, bitter relations. *Altern J* 1998 Spring;24(2):26-31.

Granot H. Facing catastrophe: mad cows and emergency policy-making. *Int J Mass Emerg Disasters* 1999 Aug;17(2):161-84.

Green MD. When toxic worlds collide: regulatory and common law prescriptions for risk communication. *Harvard Environ Law Rev* 1989;13(1):209-43.

Hadden SG, Bales BV. Risk communication about chemicals in your community: a manual for local officials. Austin (TX): Lyndon B. Johnson School of Public Affairs; 1993. 80 p. Available from: NTIS, Springfield, VA; PB93-208296. Sponsored by the Environmental Protection Agency, Chemical Emergency Preparedness and Prevention Office, WashingtonA.

Hadden SG, Bales BV. Risk communication about chemicals in your community. Facilitator's manual and guide. Austin (TX): Lyndon B. Johnson School of Public Affairs; 1993. 99 p. Available from: NTIS, Springfield, VA; PB93-200541. Sponsored by the Environmental Protection Agency, Office of Policy, Planning and Evaluation.

Hazardous Substances & Public Health [serial on the Internet]. Atlanta (GA): Centers for Disease Control and Prevention (US), Agency for Toxic Substances and Disease Registry. Vol. 5, no. 1, Winter 1995- [cited 2000 Sep 25]. Available from: <http://www.atsdr.cdc.gov/HEC/hsphhome.html>

Health risk and risk communication: papers from the 84th Annual Meeting and Exhibition, Vancouver. Pittsburgh (PA): Air & Waste Management Association; 1991. (Proceedings; vol. 17).

Hendee WR. Communicating and interpreting radiation risk information. *Postgrad Radiol* 1991;11(3):164-76.

Hoffmann D, Haley NJ, Adams JD, Brunneemann KD. Tobacco sidestream smoke: uptake by nonsmokers. *Prev Med* 1984 Nov;13(6):608-17. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=85270339&dopt=Abstract

INFOletter: environmental and occupational health briefs. Piscataway (NJ): Environmental and Occupational Health Sciences Institute. Vol. 1, 1987- . 6 times a year.

International Programme on Chemical Safety. Hazardous chemical in human and environmental health: a resource book for school, college and university students. Geneva (Switzerland): World Health Organization; 2000. 110 p.

Irvine L, Crombie IK, Clark RA, Slane PW, Feyerabend C, Goodman KE, Cater JI. Advising

- parents of asthmatic children on passive smoking: randomised controlled trial. *BMJ* 1999 May 29;318(7196):1456-9. Comment in: *BMJ* 1999 Sep 4;319(7210):644. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99276396&dopt=Abstract
- Jauchem J. Alleged health effects of electric or magnetic fields: additional misconceptions in the literature. *J Microw Power Electromagn Energy* 1993;28(3):140-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94096251&dopt=Abstract
- Kennedy GL Jr, Krivanek ND. Some thoughts about the use and communication of toxicology information. *Drug Metab Rev* 1996 Feb-May;28(1-2):235-43.
- Kerr M, Dobbins J, Linn K, Russo J, Filkins K. Teratogen information service risk communication: home environmental paint exposure during pregnancy. *Reprod Toxicol* 1995;9(6):586-7.
- Knave B. Electric and magnetic fields and health outcomes--an overview. *Scand J Work Environ Health* 1994;20 Spec No:78-89. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95149090&dopt=Abstract
- Lave TR, Lave LB. Public perception of the risks of floods: implications for communication. *Risk Anal* 1991 Jun;11(2):255-67. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91343752&dopt=Abstract
- Lazo JK, Kinnell JC, Fisher A. Expert and layperson perceptions of ecosystem risk. *Risk Anal* 2000 Apr;20(2):179-93. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20317360&dopt=Abstract
- Linder SH. Ambiguous evidence and institutional interpretation: an alternative view of electric and magnetic fields. *J Health Polit Policy Law* 1994 Spring;19(1):165-90.
- Lok C, Powell D. The Belgian dioxin crisis of the summer of 1999: a case study in crisis communications and management [monograph on the Internet]. Guelph (Ontario, Canada): University of Guelph, Department of Food Science; 2000 Feb 1 [updated 2000 May; cited 2000 Oct 23]. [16 p.]. Available from: <http://www.plant.uoguelph.ca/safefood/crisis/belgian-dioxin-crisis-feb01-00.htm>
- Lundgren RE. Risk communication: a handbook for communicating environmental, safety, and health risks. Columbus (OH): Battelle Press; 1994. 175 p.
- MacGregor DG, Slovic P, Malmfors T. "How exposed is exposed enough?" Lay inferences about chemical exposure. *Risk Anal* 1999 Aug;19(4):649-59. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20228232&dopt=Abstract
- MacGregor DG, Slovic P, Morgan MG. Perception of risks from electromagnetic fields: a psychometric evaluation of a risk-communication approach. *Risk Anal* 1994 Oct;14(5):815-28. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95099056&dopt=Abstract
- McBeth MK, Oakes AS. Citizen perceptions of risks associated with moving radiological waste. *Risk Anal* 1996 Jun;16(3):421-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96260244&dopt=Abstract
- McCallum DB, Arkin EB. Risk communication to the public: how safe is drinking water. Proceedings of the 21st Annual Conference; 1987 May 25-28; St. Louis, MO. In: Hemphill DD, editor. Trace substances in environmental health. Columbia (MO): University of Missouri; 1987. p. 253-62.
- McCallum DB, Hammond SL, Covello VT. Communicating about environmental risks: how the public uses and perceives information sources. *Health Educ Q* 1991 Fall;18(3):349-61.
- McCallum DB, Hammond SL, Morris LA, Covello VT. Public knowledge and perceptions of chemical risks in six communities: analysis of a baseline survey. Washington: Georgetown University Medical Center; 1990. 178 p. Available from: NTIS, Springfield, VA; PB90-217316. Sponsored by the Environmental Protection Agency, Office of Policy, Planning and Evaluation and the Agency for Toxic Substances and Disease Registry, Atlanta, GA.
- McDaniels T, Axelrod LJ, Slovic P. Perceived ecological risks of global change: a psychometric comparison of causes and consequences. *Glob Environ Change Hum Policy Dimens* 1996 Jun;6(2):159-71.
- McNeil C, Arkin EB, McCallum D. Toxic and hazardous chemicals, Title III and communities: an outreach manual for community groups. Washington: Georgetown University Medical Center; 1993. 160 p. Available from: NTIS, Springfield, VA; PB93-200806. Sponsored by the Environmental Protection Agency, Office of Pollution, Prevention, and Toxics.

Mileti DS, Fitzpatrick C. The great earthquake experiment: risk communication and public action. Boulder (CO): Westview; 1993. 149 p.

Mileti DS, Fitzpatrick C, Farhar BC. Risk communication and public response to the Parkfield Earthquake Prediction Experiment. Final report. Fort Collins (CO): Colorado State University, Department of Sociology; 1990 Dec. Grant No.: NSFCE8814690. 222 p. Available from: NTIS, Springfield, VA; PB91168070. Sponsored by National Science Foundation, Washington.

Mileti DS, O'Brien PW. Warnings during disaster: normalizing communicated risk. *Soc Probl* 1992 Feb;39(1):40-51.

Mileti DS, Peek L. The social psychology of public response to warnings of a nuclear power plant accident. *J Hazard Mater* 2000 Jul 28;75(2-3):181-94. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20299421&dopt=Abstr

Mileti DS, Sorensen JH. Communication of emergency public warnings: A social science perspective and state-of-the-art assessment. Oak Ridge (TN): Oak Ridge National Laboratory; 1991. Report No.: ORNL-6609. Contract No.: AC05-84OR21400. 171 p. Available from: NTIS, Springfield, VA; DE91004981.

Miller MM. CyberStuff for my friends and me [homepage on the Internet]. Knoxville (TN): Mark Miller; [modified 2000 Jul 17; cited 2000 Oct 23]. Risk communications; [7 p.]. Available from: <http://excellent.com.utk.edu/~mmmiller/mmfavs.html#riskcommunication>

Morgan MG, Florig HK, Nair I, Cortes C, Marsh K, Pavlosky K. Lay understanding of low-frequency electric and magnetic fields. *Bioelectromagnetics* 1990;11(4):313-35. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91136584&dopt=Abstr

Morgan MG, Slovic P, Nair I, Geisler D, MacGregor D, Fischhoff B, Lincoln D, Florig K. Powerline frequency electric and magnetic fields: a pilot study of risk perception. *Risk Anal* 1985 Jun;5(2):139-49. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=87290847&dopt=Abstr

National Cancer Institute (US), Centers for Disease Control and Prevention (US). I-131 fallout from NTS: informing the public [monograph on the Internet]. Workshop summary; 2000 Jan 19-21; Rockville, MD.

Bethesda (MD): National Cancer Institute (US); 2000 [modified 2000 May 25; cited 2000 Oct 23]. Available from: http://rex.nci.nih.gov/INTRFCE_GIFS/radiation_fallout/radfall.html

National Environmental Health Association [homepage on the Internet]. Denver (CO): The Association; [modified 2000 Oct 6; cited 2000 Oct 16]. Available from: <http://www.neha.org/>

National Environmental Health Association [homepage on the Internet]. Denver (CO): The Association; [modified 2000 Oct 6; cited 2000 Oct 16]. Available from: <http://www.neha.org/>

National Institute of Environmental Health Sciences (US). Medicine for the layman: environment and disease [monograph on the Internet]. Bethesda (MD): National Institutes of Health (US), Clinical Center; 1998 Jan 27 [modified 2000 Jan 7; cited 2000 Sep 25]. Available from: <http://www.niehs.nih.gov/oc/factsheets/ead/ead.htm>

Oleckno WA. Guidelines for improving risk communication in environmental health. *J Environ Health* 1995 Jul-Aug;58(1):20-3.

Oleinick A, Fodor WJ, Susselman MM. Risk management for hazardous chemicals. OSHA's Hazard Communication Standard and EPA's Emergency Planning and Community Right-to-Know Regulations. *J Leg Med* 1988 Jun;9(2):179-278. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88316069&dopt=Abstr

Ott WR, Roberts JW. Everyday exposure to toxic pollutants. *Sci Am* [serial on the Internet] 1998 Feb [modified 1999 Oct 21; cited 2000 Oct 13]:[8 p.]. Available from: <http://www.sciam.com/1998/0298issue/0298ott.html>

Persson L. On communication and comparison of radiation risks. *Health Phys* 1993 May;64(5):528-30. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93259802&dopt=Abstr

Petts J. Public participation and environmental impact assessment. In: Petts J, editor. Handbook of environmental impact assessment. Vol. 1, Environmental impact assessment: process, methods and potential. Oxford (UK): Blackwell Scientific Publications; 1999. p. 145-77.

Petts J. Risk communication and environmental risk assessment. *Nucl Energy J Br Nucl Energy Soc* 1994 Apr;33(2):95-102.

Poumadere M. Issues in communication with the public on health and environmental risks. *Eur Rev Appl Psychol* 1995;45(1):7-16.

Preventing child exposures to environmental hazards: research and policy issues. *Environ Health Perspect Suppl* [serial on the Internet] 1995 Sep [modified 1999 Jun 23; cited 2000 Oct 16];103 Suppl 6. Available from: <http://ehpnet1.niehs.nih.gov/docs/1995/Suppl-6/toc.html>

Rahm CL (Lawrence Livermore National Laboratory, CA). Risk communication in environmental assessment. Washington: Department of Energy (US); 1996 Aug 26. Contract No: W7405ENG48. 14 p. Available from: NTIS, Springfield, VA; DE96050517.

Read D, Morgan MG. The efficacy of different methods for informing the public about the range dependency of magnetic fields from high voltage power lines. *Risk Anal* 1998 Oct;18(5):603-10. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99070507&dopt=Abstr

Renz MA. Communicating about environmental risk: an examination of a Minnesota county's communication on incineration. *J Appl Commun Res* 1992 Feb;20(1):1-18.

Report of a conference on Risk Communication and Environmental Management. Washington (DC): Environmental Protection Agency (US), Office of Solid Waste and Emergency Response; 1993. 10 p. (Technical assistance bulletin; no. 4). Available from: NTIS, Springfield, VA; PB93-207330.

Risk and risk communication abstract index: DOE Low Dose Radiation Research Program Workshop I abstracts [database on the Internet]; 1999 Nov 10-12; Washington, DC. Washington (DC): Department of Energy (US); [modified 2000 Mar 2; cited 2000 Oct 23]. Available from: <http://lowdose.org/99meeting/abstracts/risk.html>

Russell H, Fan AM, Dibartolomeis M, Arnesen C, Stratton J, Jackson RJ. Integrating risk management and risk communication into a risk assessment of a Medfly eradication project in California. *J Hazard Mater* 1994 Nov;39(2):267-78.

Salvatore JR. Low-frequency magnetic fields and cancer. What you should know and what to tell your patients. *Postgrad Med* 1996 Aug;100(2):183-8, 190. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96323050&dopt=Abstr

Seacrest S, Kuzelka R, Leonard R. Global climate change and public perception: the challenge of

translation. *J Am Water Resour Assoc* 2000 Apr;36(2):253-63.

Seibert PJ Jr. Complying with the hazard communication standard. *J Am Vet Med Assoc* 1994 Feb 15;204(4):531-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94216185&dopt=Abstr

Shovlin MG, Tanaka SS. Risk communication in Los Angeles California USA: a case study. *Am Water Works Assoc J* 1990;82(11):40-4.

Sjoberg L. Risk perception and credibility of risk communication. Stockholm (Sweden): Stockholm School of Economics, Center for Risk Research; 1992 Oct. 26 p. Available from: NTIS, Springfield, VA; DE95627113.

Slovic P, Fischhoff B, Lichtenstein S. Informing the public about the risks from ionizing radiation. *Health Phys* 1981 Oct 1;41(4):589-98. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=82075305&dopt=Abstr

Slovic P, Malmfors T, Krewski D, Mertz CK, Neil N, Bartlett S. Intuitive toxicology. II. Expert and lay judgments of chemical risks in Canada. *Risk Anal* 1995 Dec;15(6):661-75.

Tal A. Assessing the environmental movement's attitudes toward risk assessment. *Environ Sci Technol* 1997 Oct;31(10):A470-6.

Tinker T, Lewis-Younger C, Isaacs S, Neuffer L, Blair C. Environmental health risk communication: a case study of the Chattanooga Creek site. *J Tenn Med Assoc* 1995;88(9):343-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95404986&dopt=Abstr

Upton AC. Perspectives on individual and community risks. In: Lippmann M, editor. *Environmental toxicants: human exposures and their health effects*. 2nd ed. New York (NY): Wiley-Interscience; 2000. p. 905-20.

Van der Pligt J, Midden CJ. Chernobyl: four years later: attitudes, risk management and communication. *J Environ Psychol* 1990 Jun;10(2):91-9.

Vogt BM, Sorensen JH. Risk communications and the Chemical Stockpile Emergency-Planning Program. Oak Ridge (TN): Oak Ridge National Laboratories; 1995. Report No.: ORNL-6824. Contract No.: AC05-84OR21400. 233 p. Available from: NTIS, Springfield, VA; DE95000811.

Walker G, Simmons P, Irwin A, Wynne B. Risk communication, public participation and the Seveso II directive. *J Hazard Mater* 1999 Mar 1;65(1-2):179-90.

White RK, Ladd B, Moss M, Singley EW. The great earthquake experiment: risk communication and publication [book review]. *Risk Anal* 1995 Feb;15(1):102-3. Review of book by DS Mileti and C Fitzpatrick.

Wiedemann PM, Schutz H. Risk communication for environmental health hazards. *Zentralbl Hyg Umweltmed* 1999 Aug;202(2-4):345-59. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99437036&dopt=Abstract

Industrial Risk

Acquavella JF, Collins JJ. Perspective on the content of worker notifications. *Am J Ind Med* 1993 Jan;23(1):77-83. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135223&dopt=Abstract

Ahlborg G Jr, Bonde JP, Hemminki K, Kristensen P, Lindbohm ML, Olsen J, Schaumburg I, Taskinen H, Viskum S. Communication concerning the risks of occupational exposures in pregnancy. *Int J Occup Environ Health* 1996 Jan;2(1):64-9. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=9933866&dopt=Abstract

Averill E, Henry CJ, Rubenstein H, Sattler B, Tirey SL. Content of worker notification. *Am J Ind Med* 1993;23(1):71-6. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135222&dopt=Abstract

Baker EL, Schulte PA, French JG. Worker-notification activities at the National Institute for Occupational Safety and Health. Past and present. *Ann N Y Acad Sci* 1989;572:144-50; discussion 163-5. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90178922&dopt=Abstract

Boal WL, Friedland J, Schulte PA. Workers response to risk notification. *Am J Ind Med* 1995 Apr;27(4):471-83. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95313719&dopt=Abstract

Bond GG. Dioxin: a case study. *Am J Ind Med* 1993 Jan;23(1):177-82. Available from:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135208&dopt=Abstract

Chemical Educational Foundation. The risk communication guide. Arlington (VA): The Foundation; 1999.

Chess C. Risk communication as an organizational response: three cases of chemical manufacturers [dissertation]. [Syracuse]: State University of New York College of Environmental Science and Forestry; 1997. 338 p.

Chess C, Saville A, Tamuz M, Greenberg M. The organizational links between risk communication and

risk management: the case of Sybron Chemicals Inc. *Risk Anal* 1992 Sep;12(3):431-8.

Chess C, Tamuz M, Greenberg M. Organizational learning about environmental risk communication: the case of Rohm and Haas Bristol Plant. *Soc Nat Resour* 1995 Jan-Feb;8(1):57-66.

Cohen A, Colligan MJ, Berger P. Psychology in health risk messages for workers. *J Occup Med* 1985 Aug;27(8):543-51. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=85292216&dopt=Abstr

Collins JJ, Conner PR. Communication to workers of epidemiology study results: an industry approach. *J Occup Med* 1994;36(2):169-73. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94231327&dopt=Abstr

Curbow B, McDiarmid MA, Breyse P, Lees PS. Investigation of a spontaneous abortion cluster: development of a risk communication plan. *Am J Ind Med* 1994 Aug;26(2):265-75. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95068006&dopt=Abstr

Delaney TJ. Professional pest-control industry perspective on public concerns and regulatory issues. *ACS Symp Ser* 1993;522:41-3.

Finendale MJ. Beyond notification: a case-study from Cloquet, Minnesota. *Am J Ind Med* 1993 Jan;23(1):153-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135205&dopt=Abstr

Graham JD. Communicating about chemical hazards. *J Policy Anal Manage* 1989 Spring;8:307-13.

Harrington JM. Facts, fallacies and fears: the public and the health professionals at odds. *Ann Occup Hyg* 1998 May;42(4):227-32.

Hayes EP. Hazard communication: challenges in the pharmaceutical industry. *Occup Med* 1997;12(2):95-105. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97297586&dopt=Abstr

Houts PS, McDougall V. Importance of evaluating the context within which notification occurs. *Am J Ind Med* 1993;23(1):205-10. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135212&dopt=Abstr

INFOletter: environmental and occupational health briefs. Piscataway (NJ): Environmental and Occupational Health Sciences Institute. Vol. 1, 1987- . 6 times a year.

Johnson RH Jr. Effective presentation of radiation safety training--risk communication: an important function of radiation safety training. *Health Phys* 1999 Feb;76(2 Suppl):S10-5.

King SM, Watson H, Heurter H, Ricketts M, Elsaadany S. Notifying patients exposed to blood products associated with Creutzfeldt-Jakob disease: theoretical risk for real people. *Can Med Assoc J* 1998 Oct 6;159(7):771-4. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99021838&dopt=Abstr

Kumekawa ES, Lash AA, Becker CE. Challenges of worker notification in neurotoxic studies of the central nervous system. *Environ Res* 1992 Oct;59(1):125-31. Available from: http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=1425502&dopt=Abstract

Lee TR. Effective communication of information about chemical hazards. *Sci Total Environ* 1986 May;51:149-83. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=86289384&dopt=Abstr

Leviton LC, Chen HT, Marsh GM, Talbott EO. Evaluation issues in the Drake Chemical Workers Notification and Health Registry Study. *Am J Ind Med* 1993;23(1):197-204. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135211&dopt=Abstr

Leviton LC, Marsh GM, Talbott E, Pavlock D, Callahan C. Drake Chemical Workers' Health Registry: coping with community tension over toxic exposures. *Am J Public Health* 1991 Jun;81(6):689-93. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91229138&dopt=Abstr

McDiarmid MA, Breyse P, Lees PS, Curbow B, Kolodner K. Investigation of a spontaneous abortion cluster: lessons learned. *Am J Ind Med* 1994 Apr;25(4):463-75. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94279649&dopt=Abstr

McMahan S, Meyer J. Communication of risk information to workers and managers: do industrial

hygienists differ in their communication techniques? *Am Ind Hyg Assoc J* 1996 Feb;57(2):186-90.

McNeely E. An organizational study of hazard communication. The health provider perspective. *AAOHN J* 1990 Apr;38(4):165-73. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90211433&dopt=Abstract

Mertz CK, Slovic P, Purchase IF. Judgments of chemical risks: comparisons among senior managers, toxicologists, and the public. *Risk Anal* 1998 Aug;18(4):391-404. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98448575&dopt=Abstract

Meyerowitz BE. Assessing quality of life when planning and evaluating worker notification programs: two case examples. *Am J Ind Med* 1993 Jan;23(1):221-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135214&dopt=Abstract

Millar JD, Niemeier RW, Reed LD, Johnson DL, Ahlers HW. Testimony of the National Institute for Occupational Safety and Health on the Occupational Safety and Health Administration's proposed rule on hazard communication. Cincinnati (OH): National Institute for Occupational Safety and Health (US); 1989. 8 p. Available from: NTIS, Springfield, VA; PB89-230239. Presented at the OSHA Informal Public Hearing, Washington, December 6, 1988.

Needleman C. Worker notification: lessons from the past. *Am J Ind Med* 1993 Jan;23(1):11-23. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135200&dopt=Abstract

Palmer SR, Rees H, Coleman G. Major chemical incidents: bridging the occupational--public health gap. *Occup Med (Lond)* 2000 May;50(4):221-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20370072&dopt=Abstract

Parkinson DK. Notification of workers at high risk. Design and implementation of a program to address their needs. *Ann N Y Acad Sci* 1989;572:157-9; discussion 163-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90178925&dopt=Abstract

Petts JI. Sustainable communication: implications for industry. *Process Saf Environ Prot* 2000 Jul;78(B4):270-8.

Prenney B. Community lead exposure. *Am J Ind Med* 1993 Jan;23(1):191-5.

Race DM. Worker notification: viewpoint of the employer. *Am J Ind Med* 1993 Jan;23(1):33-6. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135217&dopt=Abstract

Rantanen J. Research challenges arising from changes in worklife. *Scand J Work Environ Health* 1999 Dec;25(6):473-83. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20339201&dopt=Abstract

Robins TG, Hugentobler MK, Kaminski M, Klitzman S. A joint labor-management hazard communication training program: a case study in worker health and safety training. *Occup Med* 1994 Apr-Jun;9(2):135-45. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=94367415&dopt=Abstract

Robins TG, Klitzman S. Hazard communication in a large U.S. manufacturing firm: the ecology of health education in the workplace. *Health Educ Q* 1988 Winter;15(4):451-72. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89155109&dopt=Abstract

Rohrman B. Assessing hazard information/communication programs. *Aust Psychol* 1998 Jul;33(2):105-12.

Rudolph L. Issues in notification: reflections of a public health worker. *Am J Ind Med* 1993 Jan;23(1):53-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135220&dopt=Abstract

Russell CS. Guidebook for risk perception and communication in water resources planning. Fort Belvoir (VA): Army Corps of Engineers (US), Water Resources Support Center, Institute for Water Resources; 1993. (IWR report; 93-R-13).

Saiki CL, Green RS, Gold EB, Schenker MB. Communication issues in a multicomponent study of Semiconductor employees. *Am J Ind Med* 1995;28(6):883-911.

Samways MC. Functionally illiterate worker also has 'right to understand'. *Occup Health Saf* 1988 Jan;57(1):49-53. Available from: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=88157444&dopt=A
bstract

Santos SL. Developing a risk communication strategy. *Am Water Works Assoc J* 1990;82(11):45-9.

Santos SL. The role of risk communication in environmental decision-making. *Cent Eur J Public Health* 1995 May;3(2):107-9. Corrected and republished article originally printed in *Cent Eur J Public Health* 1994;2 Suppl:77-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95384089&dopt=A bstract

Santos SL, Covello VT, McCallum DB. Industry response to SARA Title III: pollution prevention, risk reduction, and risk communication. *Risk Anal* 1996 Feb;16(1):57-66. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97021863&dopt=A bstract

Schulte PA, Boal WL, Friedland JM, Walker JT, Connally LB, Mazzuckelli LF, Fine LJ. Methodologic issues in risk communications to workers. *Am J Ind Med* 1993 Jan;23(1):3-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135216&dopt=A bstract

Schulte PA, Lomax GP, Ward EM, Colligan MJ. Ethical issues in the use of genetic markers in occupational epidemiologic research. *J Occup Environ Med* 1999 Aug;41(8):639-46. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99385956&dopt=A bstract

Schulte PA, Ringen K. Notification of workers at high risk: an emerging public health problem. *Am J Public Health* 1984 May;74(5):485-91. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=84176297&dopt=A bstract

Schulte PA, Ringen K, Altekruze EB, Gullen WH, Davidson K, Anderson SS, Patton MG. Notification of a cohort of workers at risk of bladder cancer. *J Occup Med* 1985 Jan;27(1):19-28. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=85107337&dopt=A bstract

Sparks PJ, Cooper M. Risk characterization, risk communication, and risk management. The role of the occupational and environmental medicine physician. *J Occup Med* 1993;35(1):13-7. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93139885&dopt=A bstract

Spivey GH. Health risk communication--a view from within industry. *J Clin Epidemiol* 1991;44 Suppl 1:63S-67S. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91231959&dopt=A bstract

Sussman RG, Kimmel TA, Neske FW 4th. Health hazard labeling for hazard communication in the pharmaceutical industry. *Occup Med* 1997 Jan-Mar;12(1):107-17. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=97297587&dopt=A bstract

Tillett S, Sullivan P. Asbestos screening and education programs for building and construction trades unions. *Am J Ind Med* 1993;23(1):143-52. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93135204&dopt=A bstract

Trudell KA, Tikalsky SM. Risk communication for the natural gas industry. May 1996-May 1997. Madison (WI): Resource Strategies, Inc.; 1997 May. Contract No.: GRI50942503035. 99 p. Available from: NTIS, Springfield, VA; PB97171680. Sponsored by Gas Research Inst., Chicago.

Williams DE, Olaniran BA. Expanding the crisis planning function: introducing elements of risk communication to crisis communication practice. *Public Relat Rev* 1988 Fall;24(3):387-400.

Wogalter MS, DeJoy DM, Laughery KR, editors. Warnings and risk communication. Philadelphia (PA): Taylor & Francis; 1999. 365 p.

Other Risks

Anderson WA. The future relationship between the media, the food industry and the consumer. *Br Med Bull* 2000;56(1):254-68. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20343533&dopt=Abstr

The application of risk communication to food standards and safety matters. Report of a Joint FAO/WHO Expert Consultation. Rome, 2-6 February 1998. *FAO Food Nutr Pap* 1999;70:i-iii, 1-42. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=99374192&dopt=Abstr

Axelsson O. Occupational and environmental exposures to radon: cancer risks. *Annu Rev Public Health* 1991;12:235-55. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91264910&dopt=Abstr

Blumenthal MS, Boller LR. Community radon awareness and detection: a model program. *Wis Med J* 1989 May;88(5):17-21. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=89319003&dopt=Abstr

Bord RJ, O'Connor RE. Risk communication, knowledge, and attitudes: explaining reactions to a technology perceived as risky. *Risk Anal* 1990 Dec;10(4):499-506. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98142349&dopt=Abstr

Bruhn C, Peterson S, Phillips P, Sakovich N. Consumer response to information on integrated pest-management. *J Food Saf* 1992;12(4):315-26.

Chaffey CM, Bowie C. Radon and health--an update. *J Public Health Med* 1994 Dec;16(4):465-70. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95186206&dopt=Abstr

Clydesdale FM. Science, education, and technology: new frontiers for health. *Crit Rev Food Sci Nutr* 1998;38(5):397-419.

Colorado State University Cooperative Extension. Designing a public awareness message on food safety: a risk/benefit approach to communicating about agricultural chemicals. Fort Collins (CO): The University; 1990. 27 p.

Desvousges WH, Smith VK, Rink HH. Communicating radon risk effectively: radon testing in Maryland. Final report. Research Triangle Park (NC): Research Triangle Institute; 1989. 158 p. Available from: NTIS, Springfield, VA; PB89-196422. Sponsored by the Environmental Protection Agency, Office of Policy Analysis.

Desvousges WH, Smith VK, Rink HH. Communicating radon risks effectively: the Maryland experience. *J Public Policy Mark* 1992 Fall;11(2):68-78.

Doyle JK, McClelland GH, Schulze WD, Locke PA, Elliott SR. Evaluation of strategies for promoting effective radon mitigation. Boulder (CO): University of Colorado at Boulder; 1990. 193 p. (Risk communication and economic research series). Available from: NTIS, Springfield, VA; PB90-247453. Sponsored by the Environmental Protection Agency, Office of Policy, Planning and Evaluation, Washington.

Fife-Schaw C, Rowe G. Public perceptions of everyday food hazards: a psychometric study. *Risk Anal* 1996 Aug;16(4):487-500. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=96416458&dopt=Abstr

Fischhoff B, Downs JS. Communicating foodborne disease risk. *Emerg Infect Dis* 1997 Oct-Dec;3(4):489-95. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98035231&dopt=Abstr

Fisher A, Johnson FR. Radon risk communication research: practical lessons. *J Air Waste Manage Assoc* 1990 May;40(5):738-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=90283030&dopt=Abstr

Fisher A, McClelland GH, Schulze WD, Doyle JK. Communicating the risk from radon. *J Air Waste Manage Assoc* 1991 Nov;41(11):1440-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92162266&dopt=Abstr

Food Safety Network [homepage on the Internet]. Guelph (Ontario, Canada): University of Guelph; [modified 2000 Jul 25; cited 2000 Sep 25]. Available from: <http://www.plant.uoguelph.ca/safefood/>

Forsythe RH. Risk: reality versus perception. *Poult Sci* 1993 Jun;72(6):1152-6. Available from: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=>

Retrieve&db=PubMed&list_uids=93310208&dopt=A
bstract

Frewer LJ, Howard C, Aaron JI. Consumer acceptance of transgenic crops. *Pestic Sci* 1998 Apr;52(4):388-93.

Frewer LJ, Howard C, Shepherd R. The influence of initial attitudes on responses to communication about genetic engineering in food production. *Agric Hum Values* 1998 Mar;15(1):15-30.

Grant SE, Powell D. Crisis response and communication planning manual [monograph on the Internet]. Guelph (Ontario, Canada): University of Guelph, Department of Plant Agriculture; 1999 Jun [modified 2000 Jul 25; cited 2000 Oct 23]. Available from: <http://www.plant.uoguelph.ca/safefood/crisis/crisis-manual.htm>

Griffith C, Worsfold D, Mitchell R. Food preparation, risk communication and the consumer. *Food Control* 1998 Aug;9(4):225-32.

Groth E. Communicating with consumers about food safety and risk. *Issues Food Technol* 1991;45(5):248-53.

Guimond RJ, Page SD. Indoor radon: a case-study in risk communication. *Radiat Prot Dosim* 1992;42(3):169-76.

Hampson SE, Andrews JA, Lee ME, Foster LS, Glasgow RE, Lichtenstein E. Lay understanding of synergistic risk: the case of radon and cigarette smoking. *Risk Anal* 1998 Jun;18(3):343-50. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98329431&dopt=A bstract

Hilgartner S, Nelkin D. Communication controversies over dietary risks. *Sci Tech Human Values* 1987;12:41-7.

Himes L, Parrott K, Lovingood R. The Radon Project: a study in environmental hazard education. *J Extension* [serial on the Internet] 1996 Jun [modified 2000 Jun; cited 2000 Sep 25];34(3):[4 p.]. Available from: <http://www.joe.org/joe/1996june/rb2.html>

IFIC Foundation: International Food Information Council [homepage on the Internet]. Washington (DC): The Council; [modified 2000 Sep 21; cited Sep 25 2000]. Available from: <http://ificinfo.health.org/>

Jackson D. Labeling products of biotechnology: towards communication and consent. *J Agric Environ Ethics* 2000;12(3):[pages unknown].

JIFSAN: The Joint Institute for Food Safety and Applied Nutrition [homepage on the Internet].

College Park (MD): University of Maryland; [modified 1998 Sep 25; cited 2000 Oct 23]. Available from: <http://www.life.umd.edu/JIFSAN/>

Kamaldeen S, Powell DA. Public perceptions of biotechnology [monograph on the Internet]. Guelph (Ontario, Canada): University of Guelph, Department of Plant Agriculture; 2000 Aug 16 [modified 2000 Jul 25; cited 2000 Oct 13]. [16 p.]. (Food Safety Network technical report; no. 17). Available from: <http://www.plant.uoguelph.ca/safefood/gmo/public-perceptions-biotech-aug00.htm>

Kendall PA, Auld G, Slater M, Keefe T, Chipman H. Communicating about agricultural chemicals in the food supply: A risk/benefit approach. Washington (DC): Department of Agriculture (US), Science and Education and Food Safety Inspection Service; 1991. Project No. 89-EXCA-3-0986.

Kennedy CJ, Probart CK, Dorman SM. The relationship between radon knowledge, concern and behavior, and health values, health locus of control and preventive health behaviors. *Health Educ Q* 1991 Fall;18(3):319-29. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=92010828&dopt=A bstract

Knox B. Consumer perception and understanding of risk from food. *Br Med Bull* 2000;56(1):97-109. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=20343522&dopt=A bstract

Knuth BA. Risk communication: a new dimension in sport-fisheries management. *N Am J Fish Manage* 1990;10(4):374-81.

Mainous AG 3d, Hagen MD. Public perceptions of radon risk. *Fam Pract Res J* 1993 Mar;13(1):63-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93248861&dopt=A bstract

Marcinowski F, Napolitano S. Reducing the risks from radon. *J Air Waste Manage Assoc* 1993 Jul;43(7):955-62. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93378717&dopt=A bstract

Neuberger JS. Residential radon exposure and lung cancer: an overview of ongoing studies [published erratum appears in *Health Phys* 1993 Mar;64(3):333]. *Health Phys* 1992 Nov;63(5):503-9. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=93014975&dopt=A bstract

Page SD. Indoor radon: a case study in risk communication. *Am J Prev Med* 1994 May-Jun;10(3 Suppl):15-8. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=95000846&dopt=Abstract

Peterson RK. Public perceptions of agricultural biotechnology and pesticides: recent understandings and implications for risk communication. *Am Entomol* 2000 Spring;46(1):8-16.

Powell D. Setting the stage: understanding communication issues with foodborne pathogens [monograph on the Internet]. Guelph (Ontario, Canada): University of Guelph, Department of Food Science; 1988 May 4 [modified 1998 Aug 26; cited 2000 Oct 13]. Available from: <http://www.oac.uoguelph.ca/riskcomm/rc-basics/oca-talk/oca-talk.htm>

Priest SH. Popular beliefs, media, and biotechnology. In: Friedman SM, Dunwoody S, Rogers CL, editors. *Communicating uncertainty: media coverage of new and controversial science*. Mahwah (NJ): Lawrence Erlbaum Associates, Inc; 1999. p. 95-112.

Sandman PM, Weinstein ND, Klotz ML. Public response to the risk from geological radon. *J Commun* 1987 Summer:93-108.

Sjoeberg L. Radon risks: attitudes, perceptions and actions. Stockholm (Sweden): Stockholm School of Economics; 1990. 106 p. (Risk communication series). Available from: NTIS, Springfield, VA; PB90-141243. Sponsored by the Environmental Protection Agency, Office of Policy, Planning and Evaluation.

Smith VK, Desvousges WH. Risk communication and the value of information: radon as a case-study. *Rev Econ Stat* 1990 Feb;72(1):137-42.

Smith VK, Desvousges WH, Fisher A, Johnson FR. *Communicating radon risk effectively: a mid-course evaluation*. Washington: Environmental Protection Agency (US); 1990. Report No.: EPA/230/07-87/029. 244 p. Available from: NTIS, Springfield, VA; PB90-178302. Prepared in cooperation with Vanderbilt University, Nashville, TN, North Carolina State University at Raleigh, and Research Triangle Institute, Research Triangle Park, NC.

Ten Eyck TA. Shaping a food safety debate: control efforts of newspaper reporters and sources in the food irradiation controversy. *Sci Commun* 1999 Jun;20(4):426-47.

Tilden J, Hanrahan LP, Anderson H, Palit C, Olson J, Kenzie WM. Health advisories for consumers of Great Lakes sport fish: is the message being received?

Environ Health Perspect 1997 Dec;105(12):1360-5. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=98070894&dopt=Abstract

United Nations Food and Agriculture Organization, World Health Organization. *FAO/WHO expert consultation on the application of risk communication to food standards and safety matters* [monograph on the Internet]. Rome (Italy): FAO; 1998 [modified 1999 Jan 1; cited 2000 Oct 23]. Available from: <http://www.fao.org/WAICENT/FAOINFO/ECONOMIC/ESN/riskcomm/HTTOC.htm>

Urban D, Hoban TJ. Cognitive determinants of risk perceptions associated with biotechnology. *Scientometrics* 1997 Oct;40(2):299-31.

Velicer CM, Knuth BA. Communicating contaminant risks from sport-caught fish: the importance of target audience assessment. *Risk Anal* 1994 Oct;14(5):833-41.

Weinstein ND, Klotz ML, Sandman PM. Optimistic biases in public perceptions of the risk from radon. *Am J Public Health* 1988 Jul;78(7):796-800. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=88250480&dopt=Abstract

Weinstein ND, Sandman PM, Roberts NE. Perceived susceptibility and self-protective behavior: a field experiment to encourage home radon testing. *Health Psychol* 1991;10(1):25-33. Available from: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=91224070&dopt=Abstract