

# Paul Slovic

June 2018

**DATE OF BIRTH:** January 26, 1938

**PLACE OF BIRTH:** Chicago, Illinois

**EDUCATION:** B.A. (Psychology) Stanford University, 1959  
M.A. (Psychology) University of Michigan, 1962  
Ph.D. (Psychology) University of Michigan, 1964

**PROFESSIONAL POSITIONS HELD:**

1986–present President, Decision Research, Eugene, Oregon  
1986–present Professor, Department of Psychology, University of Oregon  
May, 1997 Visiting Professor, University of Padova, Italy  
1976–1986 Research Associate, Decision Research, Eugene, Oregon  
1973–1974 Visiting Professor, The Hebrew University, Jerusalem, Israel  
1964–1976 Research Associate, Oregon Research Institute, Eugene, Oregon

**FIELDS OF SPECIALIZATION:** Judgment, Decision Making, Risk Perception, Risk Assessment, Compassion, Genocide

**HONORARY AND PROFESSIONAL SOCIETIES:**

Phi Kappa Phi  
Sigma Xi  
American Psychological Association (Fellow in Divisions 1, 3, 8, 21, & 34)  
Association for Psychological Science (Charter Fellow)  
American Association for the Advancement of Science (Fellow)  
Society for Risk Analysis (Past President, Fellow)  
Judgment and Decision Making Society  
National Council on Radiation Protection and Measurements (Distinguished Emeritus Member)  
American Academy of Arts and Sciences 2015  
National Academy of Sciences 2016

**AWARDS:**

National Science Foundation Graduate Fellowship, 1961–62  
Fulbright Scholar, 1973–74  
The Clifford D. Spangler Award, Alpha Kappa Psi Foundation, American Risk and Insurance Association; Outstanding Article 1977–1987  
John Simon Guggenheim Memorial Fellowship, 1986–87  
Distinguished Contribution Award, Society for Risk Analysis, 1991  
Distinguished Scientific Contribution Award, American Psychological Association, 1993  
Outstanding Contribution to Science Award, Oregon Academy of Science, 1995  
Honorary Doctorate, Stockholm School of Economics, 1996  
Certificate of Appreciation for Outstanding Service, Board on Environmental Studies and Toxicology, National Academy of Sciences. 2003. For co-authoring “Risk Assessment in the Federal Government; Managing the Process.”  
Honorary Doctorate, University of East Anglia, 2005  
The Franklin V. Taylor Award for 2006, presented by Division 21 of the American Psychological Association for Lifetime Achievement in Applied Experimental and Engineering Psychology

The Otto Klineberg Award from the Society for the Psychological Studies of Social Issues in recognition of the paper: If I Look at the Mass I Will Never Act: Psychic Numbing and Genocide.

Who's Who in Science and Engineering

Who's Who in the West

Who's Who in Economics (4<sup>th</sup> Edition)

National Associate, National Academy of Sciences, National Research Council

Outstanding Career Award, University of Oregon, 2017

**EDITORIAL ACTIVITIES:**

2016–present	Editorial Board, <i>Behavioral Public Policy</i>
2013–present	Advisory Board, <i>Behavioral Science and Policy</i>
2006–present	Advisory Board, <i>Behavioral and Experimental Finance</i>
2006–present	Advisory Board, <i>Behavioral and Experimental Economics</i>
2003–present	Editorial Board, <i>Journal of Behavioral Finance</i>
2002–present	Editorial Advisory Board, <i>Mind and Society</i>
1998–2002	Editorial Board, <i>Journal of Psychology and Financial Markets</i>
1996–2002	Editorial Board, <i>Organization and Environment</i>
1996–2004	Editorial Board, <i>Risk, Decision, and Policy</i>
1993–2010	Contributing Editor, <i>Environment</i>
1991–present	Member, Honorary Editorial Board, <i>Polish Psychological Bulletin</i>
1988–present	Editorial Board, <i>Behavioral Decision Making</i>
1987–present	Advisory Editorial Board, <i>Journal of Risk and Uncertainty</i>
1987–1995	Advisory Board, <i>Industrial and Environmental Crisis Quarterly</i>
1985–2012	Associate Editor, <i>Journal of Forecasting</i>
1985–1995	Editorial Board, <i>Risk Abstracts</i>
1980–present	Editorial Board, <i>Risk Analysis</i>
1972–1976	Editorial Board, <i>Journal of Experimental Research in Personality</i>
1972–1985	Editorial Board, <i>Journal of Experimental Psychology</i>
1971–1984	Editorial Board, <i>Organizational Behavior and Human Performance</i>

**OTHER PROFESSIONAL ACTIVITIES:**

2014–present	Board of Advisors, Genocide Watch
2014–present	Member, Scientific Council, International Panel on Social Progress
2014–present	Board of Advisors, The Auschwitz Institute
2011–present	Member, Advisory Board, Academics Stand Against Poverty (ASAP)
2011–present	Member, International Association of Genocide Scholars
2010	Research Advisor, Travelers/Wharton Partnership for Risk Management and Leadership, University of Pennsylvania
2008	Member, Global Agenda Council on Humanitarian Assistance of the World Economic Forum
2007–2010	Member, Policy and Ethics Task Force, Navigenics

2007	Member, Steering Committee for the workshop on Crisis Communication, Department of Homeland Security
2005	Member, Steering Committee for the workshop on Decision Making Needs of Older People. National Academy of Sciences
2004–2010	Member, Committee on Valuing the Protection of Ecological Systems and Services, Science Advisory Board, Environmental Protection Agency
1998	Consultant, the Atlantic Council of the United States, committee on the appropriate role of nuclear energy in meeting global energy needs
1997–present	Member, Advisory Board, Society for Risk Analysis
1997	Consultant, the Atlantic Council of the United States, Asia Seminar Committee on the long-term future of nuclear energy
1996	Consultant to the European Commission and the Ministero della Sanita d'Italia regarding public perceptions of risk from blood and blood products
1995–1997	Member, Board on Radioactive Waste Management, National Research Council/ National Academy of Sciences
1994	Member, Harvard Advisory Committee on Electromagnetic Fields, Center for Risk Analysis, Harvard School of Public Health
1994–1996	Member, Committee on Risk Characterization, National Research Council/National Academy of Sciences
1993–present	Member, Board of Educational Directors, David Dreman Foundation
1993	Consultant, National Science Foundation, development of a research initiative on democratization
1993–1996	Member, Committee on Possible Effects of Electromagnetic Fields on Biologic Systems, National Research Council/National Academy of Sciences
1993	Member, Committee of Visitors, Decision Making, Risk, and Management Science Program, National Science Foundation
1992	Consultant, Battelle Memorial Institute, regarding development of criteria and methods for evaluating the risk from acutely hazardous chemicals in the city of Torrance, California
1992–1997	Member, Board of Directors, National Council on Radiation Protection and Measurements
1991	Temporary Advisor, World Health Organization, Geneva
1991	Member, Institute for Risk Research, University of Waterloo
1991–1993	Member, Electorate Nominating Committee of the Section on Societal Impacts of Science and Technology, AAAS.
1990	Member, Working Group on the Psychological Effects of Nuclear Accidents: World Health Organization
1988–1990	Member, Selection Panel for the AAAS Prize for Behavioral Science Research
1987–1990	Consultant, Science Advisory Board, Environmental Protection Agency
1987–1991	Member, Board of Scientific Directors, Risk Sciences Institute of the International Life Sciences Institute
1987	Consultant, Chemical Manufacturer's Association, Development of guidelines for the use of risk comparisons in risk communication
1987–1990	Member, Executive Board, Judgment and Decision Making Society

---

1987–present	Member, National Council on Radiation Protection and Measurements
1987–1996	Member, study group, MacArthur Foundation, Research Program on Mental Health and the Law
1987	Consultant, Energy Resources Conservation Board, Alberta, Canada, regarding perception and communication of risks from sour gas wells
1987–1990	Consultant, Ciba-Geigy Ltd., Basel, Switzerland, regarding perception and communication of risks from pharmaceutical drugs
1986	Member, Risk Analysis Panel, Technology Forecasting and Assessment Commission of the American Association of Engineering Societies
1986	Member, Board of Governors, National Institute for Environmental Health and Safety of the National Safety Council
1986	Associate Member, Risk Communication Laboratory, Institute of Safety and Systems Management, University of Southern California
1986	Consultant, Electric Power Research Institute, regarding an agenda for research on the communication of risk information
1986	Consultant to the Environmental Protection Agency regarding an evaluation of the Agency’s efforts to communicate the risks to the U.S. public due to radioactive fallout from the Chernobyl nuclear accident
1985	Consultant, Union Mutual Life Insurance Company, regarding design of flexible benefits insurance plans
1985–2008	Faculty member, Risk Assessment Summer School, International Union of Toxicology
1985	Consultant to the New Jersey Department of Environmental Protection regarding recommendations for a radon risk communication program
1985	Consultant, National Institute of mental health; regarding informing and educating the public about the risks of AIDS
1985	Consultant, U.S. Secret Service; regarding the assessment of assassination threats
1985	Consultant to the Committee on Scientific and Regulatory Issues Underlying Pesticide Use Patterns and Agricultural Innovation. Board on Agriculture, National Research Council/National Academy of Sciences
1985	Member, working group on Information and Decisionmaking for the “Ten Year Outlook on Research Opportunities in the Behavioral and Social Sciences,” coordinated by the Committee on Basic Research, National Research Council/National Academy of Sciences
1984–present	Member, Advisory Committee, Center for Risk and Decision Processes, The Wharton School, University of Pennsylvania
1984–1985	Consultant, U.S. Forest Service; regarding methods for improving decisions pertaining to forest fires
1984–1985	Consultant, Northwest Coalition for Alternatives to Pesticides, regarding the applicability of worst-case analysis in environmental impact assessments
1984	Consultant to the Environmental Protection Agency, regarding methods for informing and educating the public about risk
1983–1987	Faculty member, Summer Institute in Risk Management, Graduate School of Public Administration, New York University
1983–1984	President, Society for Risk Analysis

- 1983 Consultant, National Institute for Occupational Safety and Health, regarding the psychology of risk information programs for workers
- 1983 Consultant, American Petroleum Institute, regarding the development of health risk warnings for gasoline
- 1982–1983 Member, Committee on Behavioral Research and Training Issues Relevant to the Mission of the Secret Service; Institute of Medicine/ National Academy of Sciences
- 1982 Consultant, National Cancer Institute, Office of Cancer Communications; regarding programs to educate the public about cancer risk factors
- 1982 Consultant, Oak Ridge National Laboratory and the Nuclear Regulatory Commission; regarding the relevance of psychological stress to the proposed restart of Reactor 1 at Three Mile Island
- 1982 Consultant, National Institute of Mental Health; helped define research needs in emergency mental health
- 1981–1982 Member, Committee on the Institutional Means for Assessment of Risks to Public Health; National Research Council/National Academy of Sciences
- 1981–1985 Council member, Society for Risk Analysis
- 1981–1982 Consultant, Brookhaven National Laboratory; regarding the development of quantitative safety criteria for nuclear reactors
- 1981–1986 Member, Committee on Public Education on Radiation, National Council on Radiation Protection and Measurements
- 1980–1986 Consultant to the Advisory Committee on Reactor Safeguards of the Nuclear Regulatory Commission; regarding the development of quantitative safety criteria for nuclear reactors
- 1979–1988 Member, Cooperative research group on decision making. U.S. Council of Learned Societies (IREX) and the Hungarian Academy of Sciences
- 1977–1978 Member, Committee on the Safety of Dams, National Research Council/National Academy of Sciences. Participated in the investigation of the Bureau of Reclamations Dam Safety Program, subsequent to the collapse of the Teton Dam
- 1976–1980 Consultant, Food and Drug Administration; regarding problems of risk assessment and decision making in the evaluation of therapeutic drugs
- 1976 Consultant, National Research Council/National Academy of Sciences, Committee on Socio-economic Effects of Earthquake Predictions
- 1976 Member, Socio-Political Resource Group of the National Academy of Science' Study of Nuclear and Alternative Energy Systems
- 1975–1977 Steering Committee for Project 13: Perception of Environmental Quality; U.S. Program for Man and the Biosphere
- 1974 Consultant, National Institute of Education, Panel on Teaching as Clinical Information Processing
- 1972 Consultant, U.S. Atomic Energy Commission, Risk and Public Response task force; regarding public perceptions of alternatives for the long-term storage of radioactive wastes
- 1972 Consultant, National Academy of Engineering, Committee on Public Engineering Policy. Topic: Priorities for Research on Natural Hazards and Disasters

**BOOKS**

- Slovic, S., & Slovic, P., (Eds.). (2015). *Numbers and nerves: Information, emotion, and meaning in a world of data*. Corvallis, OR: Oregon State University Press.
- Slovic, P. (2010). *The feeling of risk*. London, UK: Earthscan.
- Michel-Kerjan, E., & Slovic, P. (Eds.). (2010). *The irrational economist: Making decisions in a dangerous world*. New York, NY: Public Affairs.
- Lichtenstein, S., & Slovic, P. (Eds.). (2006). *The construction of preference*. New York, NY: Cambridge University Press.
- Pidgeon, N., Kasperson, R., & Slovic, P. (Eds.). (2003). *The social amplification of risk*. Cambridge, UK: Cambridge University Press.
- Flynn, J., Slovic, P., & Kunreuther, H. (2001). *Risk, media, and stigma: Understanding public challenges to modern science and technology*. London, UK: Earthscan.
- Slovic, P. (Ed.). (2001). *Smoking: Risk, perception, and policy*. Thousand Oaks, CA: Sage.
- Slovic, P. (2000). *The perception of risk*. London, UK: Earthscan.
- Flynn, J., Chalmers, J., Easterling, D., Kasperson, R., Kunreuther, H., Mertz, C. K., Mushkatel, A., Pijawka, K. D., & Slovic P., with Dotto, L. (1995). *One hundred centuries of solitude: Redirecting America's high-level nuclear waste policy*. Boulder, CO: Westview Press.
- Kahneman, D., Slovic, P., & Tversky, A. (1982). *Judgment under uncertainty: Heuristics and biases*. New York, NY: Cambridge University Press. \*Reprinted in Korean (Lee, Y., Trans.). Seoul, Korea: ACANET, 2001.
- Fischhoff, B., Lichtenstein, S., Slovic, P., Derby, S., & Keeney, R. (1981). *Acceptable risk*. New York, NY: Cambridge University Press.
- Kunreuther, H., Ginsberg, R., Miller, L., Sagi, P., Slovic, P., Borkan, B., & Katz, N. (1978). *Disaster insurance protection: Public policy lessons*. New York, NY: Wiley.

**SELECTED PUBLICATIONS****In Press**

- Majeed, B. A., Nyman, A., Sterling, K. L., & Slovic, P. (in press). Little cigars and cigarillos: Affect and perceived relative harm among U.S. adults, 2015. *Addictive Behaviors*.
- Slovic, P., & Västfjäll, D. (in press). The arithmetic of compassion and the future of risk management. In H. Kunreuther (Ed.), *The future of risk management*. Philadelphia, PA: University of Pennsylvania Press.

**2018**

- Baucum, M., Rosoff, H., Richard, J., Burns, W., & Slovic, P. (2018). Modeling public responses to soft-target transportation terror. *Environment Systems and Decisions*. Advance online publication. doi: 10.1007/s10669-018-9676-7
- Fielding, S., Slovic, P., Johnston, M., Lee, A. J., Bond, C. M., & Watson, M. C. (2018). Public risk perception of non-prescription medicines and information disclosure during consultations: A suitable target for intervention? *International Journal of Pharmacy Practice*. Advance online publication. doi: 10.1111/ijpp.12433
- Gregory, R., Harstone, M., & Slovic, P. (2018). Improving intervention decisions to prevent genocide: Less muddle, more structure. *Genocide Studies and Prevention*, 11(3), 109–127. doi: 10.5038/1911-9933.11.3.1496
- Popova, L., Owusu, D., Weaver, S. R., Kemp, C. B., Mertz, C. K., Pechacek, T. F., & Slovic, P. (2018). Affect, risk perception, and the use of cigarettes and e-cigarettes: A population study of U.S. adults. *BMC Public Health*, 18, 395. doi: 10.1186/s12889-018-5306-z
- Slovic, P. (2018, June 9). *The more who die, the less we care: Confronting genocide and the numbing arithmetic of compassion*. Presentation delivered at TEDxKakumaCamp, Kakuma, Kenya.
- Van Boven, L., & Slovic, P. (2018, January 28). The psychological trick behind Trump's misleading terror statistics. *Politico*. <https://www.politico.com/magazine/story/2018/01/28/trump-administration-terror-statistics-216541>
- Zhang, Y., & Slovic, P. (2018). Much ado about nothing: The zero effect in life-saving decisions. *Journal of Behavioral Decision Making*. Advance online publication. doi: 10.1002/bdm.2089

**2017**

- Dahmen, N. S., & Slovic, P. (2017, April 13). How much power can an image actually wield? *The Conversation*. <http://theconversation.com/how-much-power-can-an-image-actually-wield-76069>
- Dieckmann, N. F., Johnson, B. B., Gregory, R., Mayorga, M., Han, P. K., & Slovic, P. (2017). Public perceptions of expert disagreement: Bias and incompetence or a complex and random world? *Public Understanding of Science*, 26, 325–338. doi: 10.1177/0963662515603271
- Harel, I., Kogut, T., Pinchas, M., & Slovic, P. (2017). Effect of media presentations on willingness to commit to organ donation. *PNAS*, 114, 5159–5164. doi: 10.1073/pnas.1703020114
- Kahan, D. M., Peters, E., Dawson, E. C., & Slovic, P. (2017). Motivated numeracy and enlightened self-government. *Behavioural Public Policy*, 1(1), 54–86. doi: 10.1017/bpp.2016.2
- Kasperson, R. E., Slovic, P., Pidgeon, N., & Renn, O. (2017). Whose views really matter in the end? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 24–32). Abingdon, UK: Routledge.
- Kunreuther, H., Slovic, P., Olson, K. G. (2017). How can we improve decision making in the face of catastrophic risk? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 87–95). Abingdon, UK: Routledge.
- Maier, S. R., Mayorga, M., & Slovic, P. (2017). Personalized news stories affect men as well as women. *Newspaper Research Journal*, 38, 172–186. doi: 10.1177/0739532917716178
- Maier, S. R., Slovic, P., & Mayorga, M. (2017). Reader reaction to news of mass suffering: Assessing the influence of story form and emotional response. *Journalism*, 18, 1011–1029. doi: 10.1177/1464884916663597
- Majeed, B. A., Weaver, S. R., Gregory, K. R., Whitney, C. F., Slovic, P., Pechacek, T. F., & Eriksen, M. P. (2017). Changing perceptions of harm of e-cigarettes among U.S. adults, 2012–2015. *American Journal of Preventative Medicine*, 52, 331–338. doi: 10.1016/j.amepre.2016.08.039
- Nayak, P., Pechacek, T. F., Slovic, P., & Eriksen, M. P. (2017). Regretting ever starting to smoke: Results from a 2014 national survey. *International Journal of Environmental Research and Public Health*, 14, 390. doi:10.3390/ijerph14040390.
- Pechacek, T. F., Nayak, P., Slovic, P., Weaver, S. R., Huang, J., & Eriksen, M. P. (2017). Reassessing the importance of “lost pleasure” associated with smoking cessation: Implications for social welfare policy. *Tobacco Control*. Advance online publication. doi: 10.1136/tobaccocontrol-2017-053734.
- Quist, A., & Slovic, P. (2017, September 6). The arithmetic of compassion. *It's Your Choice*. <https://blog.sjdm.org/2017/09/06/the-arithmetic-of-compassion/>
- Quist, A., Slovic, P., & Slovic, S. (2017, November 14). The caveman and the bomb: Does Trump grasp the horror of his threat to “totally destroy” North Korea? *Scientific American*. <https://blogs.scientificamerican.com/observations/the-caveman-and-the-bomb-does-trump-grasp-the-horror-of-his-threat-to-totally-destroy-north-korea/>
- Rose, A., Avetisyan, M., Rosoff, H., Burns, W. J., Slovic, P., & Chan, O. (2017). The role of behavioral responses in the total economic consequences of terrorist attacks on U.S. air travel targets. *Risk Analysis*, 37, 1403–1418. doi: 10.1111/risa.12727
- Slovic, P., Gregory, R., Västfjäll, D., & Frank, D. (2017). How can we prevent the collapse of humanitarian values in foreign policy decisions? In R. E. Kasperson (Ed.), *Risk conundrums* (pp. 260–269). Abingdon, UK: Routledge.
- Slovic, P., Västfjäll, D., Erlandsson, A., & Gregory, R. (2017). Iconic photographs and the ebb and flow of empathic response to humanitarian disasters. *PNAS*, 114, 640–644. doi: 10.1073/pnas.1613977114
- Västfjäll, D., Erlandsson, A., Slovic, P., & Tinghög, G. (2017). Commentary: Empathy and its discontents. *Frontiers in Psychology*, 8, 542. doi: 10.3389/fpsyg.2017.00542
- Weaver, S. R., Jazwa, A., Popova, L., Slovic, P., Rothenberg, R. B., & Eriksen, M. P. (2017). Worldviews and trust of sources for health information on electronic nicotine delivery systems: Effects on risk perceptions and use. *SSM: Population Health*, 3, 787–794. doi: 10.1016/j.ssmph.2017.09.003

**2016**

- Bjälkebring, P., Västfjäll, D., Dickert, S., & Slovic, P. (2016). Greater emotional gain from giving in older adults: Age-related positivity bias in charitable giving. *Frontiers in Psychology*, 7, 846. doi: 10.3389/fpsyg.2016.00846

- Bjälkebring, P., Västfjäll, D., Dickert, S., & Slovic, P. (2016). Response: Commentary: Greater emotional gain from giving in older adults: Age-related positivity bias in charitable giving. *Frontiers in Psychology, 7*, 1887. doi: 10.3389/fpsyg.2016.01887
- Bjälkebring, P., Västfjäll, D., Svenson, O., & Slovic, P. (2016). Regulation of experienced and anticipated regret in daily decision making. *Emotion, 16*, 381–386. doi: 10.1037/a0039861
- Ekane, N., Mertz, C. K., Slovic, P., Kjellénd, M., & Westlund, H. (2016). Risk and benefit judgment of excreta as fertilizer in agriculture: An exploratory investigation in Rwanda and Uganda. *Human and Ecological Risk Assessment, 22*, 639–666. doi:10.1080/10807039.2015.1100515
- Erlandsson, A., Västfjäll, D., Sundfelt, O., & Slovic, P. (2016). Argument-inconsistency in charity appeals: Statistical information about the scope of the problem decrease helping toward a single identified victim but not helping toward many non-identified victims in a refugee crisis context. *Journal of Economic Psychology, 56*, 126–140. doi: 10.1016/j.joep.2016.06.007
- Dickert, S., Kleber, J., Västfjäll, D., & Slovic, P. (2016). Mental imagery, impact, and affect: A mediation model for charitable giving. *PLoS ONE, 11*(2), e0148274. doi: 10.1371/journal.pone.0148274
- Sah, S., Tannenbaum, D., Cleary, H., Feldman, Y., Glaser, J., Lerman, A., MacCoun, R., Maguire, E., Slovic, P., Spellman, B., Spohn, C., & Winship, C. (2016). Combating biased decisionmaking & promoting justice & equal treatment. *Behavioral Science & Policy, 2*(2), 79–87.
- Slovic, P. (2016, January/February). Understanding perceived risk: 1978–2015. *Environment, 58*(1), 25–29.
- Slovic, P., & Dahmen, N. S. (2016, September 2). A year after Aylan Kurdi's tragic death, the world is still numb to the Syrian refugee crisis. *Quartz*. <http://qz.com/772819/aylan-kurdis-tragic-death-a-year-ago-didnt-stop-us-from-staying-numb-to-the-syrian-refugee-crisis/>. (Reprinted as It takes more than haunting images to get nations to act, 2016, September 7, *The Register-Guard*, p. A9.)
- Slovic, P., Västfjäll, D., Gregory, R., & Olson, K. G. (2016). Valuing lives you might save: Understanding psychic numbing in the face of genocide. In C. H. Anderton & J. Brauer (Eds.), *Economic aspects of genocides, other mass atrocities, and their prevention* (pp. 613–638). New York: Oxford University Press.
- Slovic, S., & Slovic, P. (2016, July 31). Climate change is genocide for island nations. *The Register-Guard*, p. G4.
- Västfjäll, D., Slovic, P., Burns, W. J., Erlandsson, A., Koppel, L., Asutay, E., & Tinghög, G. (2016). The arithmetic of emotion: Integration of incidental and integral affect in judgments and decisions. *Frontiers in Psychology, 7*, 325. doi: 10.3389/fpsyg.2016.00325

## 2015

- Baberini, M., Coleman, C., Slovic, P., & Västfjäll, D. (2015). Examining the effects of photographic attributes on sympathy, emotions, and donation behavior. *Visual Communication Quarterly, 22*, 118–128. doi: 10.1080/15551393.2015.1061433
- Dickert, S., Västfjäll, D., Kleber, J., & Slovic, P. (2015). Scope insensitivity: The limits of intuitive valuation of human lives in public policy. *Journal of Applied Research in Memory and Cognition, 4*, 248–255. doi: 10.1016/j.jarmac.2014.09.002
- Dickert, S., Västfjäll, D., Mauro, R., & Slovic, P. (2015). The feeling of risk: Implications for risk perception and communication. In H. Cho, T. Reimer, & K. A. McComas (Eds.), *The SAGE handbook of risk communication* (pp. 41–54). Thousand Oaks, CA: Sage Publications.
- Dickert, S., Västfjäll, D., & Slovic, P. (2015). Neuroeconomics and dual information processes underlying charitable giving. In E. A. Wilhelms & V. F. Reyna (Eds.), *Neuroeconomics, judgment, and decision making* (pp. 181–199). New York: Psychology Press.
- Gregory, R., & Slovic, P. (2015). *Structuring intervention decisions to prevent genocide and mass atrocities* (Working Paper No. 15-02). Eugene, OR: Decision Research.
- Johnson, B. B., & Slovic, P. (2015). Fearing or fearsome Ebola communication? Keeping the public in the dark about possible post-21-day symptoms and infectiousness could backfire. *Health, Risk & Society, 17*, 458–471. doi: 10.1080/13698575.2015.1113237
- Kogut, T., Slovic, P., & Västfjäll, D. (2015). Scope insensitivity in helping decisions: Is it a matter of culture and values? *Journal of Environmental Psychology: General, 144*, 1042–1052. doi: 10.1037/a0039708
- Rozin, P., Haddad, B., Nemeroff, C., & Slovic, P. (2015). Psychological aspects of the rejection of the recycled water: Contamination, purification and disgust. *Judgment and Decision Making, 10*, 50–63.



- Slovic, P. (2015). The ethics of preference management: Risk values and decisions. In P. Aerni, K.-J. Grün, & I. Kummert (Eds.), *Trouble with morals: A plea for a new business ethics* (pp. 127–138). Wiesbaden, Germany: Springer.
- Slovic, P. (2015). The prominence effect: Confronting the collapse of humanitarian values in foreign policy decisions. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 53–61). Corvallis, OR: Oregon State University Press.
- Slovic, P. (2015). When (in)action speaks louder than words: Confronting the collapse of humanitarian values in foreign policy decisions. *Illinois Law Review Slip Opinions*, 2015, 24–31.
- Slovic, P., & Västfjäll, D. (2015). The more who die, the less we care: Psychic numbing and genocide. In S. Kaul & D. Kim (Eds.), *Imagining human rights* (pp. 55–68). Berlin: De Gruyter.
- Slovic, P., & Västfjäll, D. (2015). The more who die, the less we care: Psychic numbing and genocide. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 27–41). Corvallis, OR: Oregon State University Press.
- Slovic, S., & Slovic, P. (2015, December 6). The arithmetic of compassion. *The New York Times*, p. SR10.
- Västfjäll, D., Slovic, P., & Mayorga, M. (2015). Pseudoinefficacy and the arithmetic of compassion. In S. Slovic & P. Slovic (Eds.), *Numbers and nerves: Information, emotion, and meaning in a world of data* (pp. 42–52). Corvallis, OR: Oregon State University Press.
- Västfjäll, D., Slovic, P., Mayorga, M. (2015). Pseudoinefficacy: Negative feelings from children who cannot be helped reduce warm glow for children who can be helped. *Frontiers in Psychology*, 6 (616). doi: 10.3389/fpsyg.2015.00616
- Wiss, J., Andersson, D., Slovic, P., Västfjäll, D., & Tinghög, G. (2015). The influence of identifiability and singularity in moral decision making. *Judgment and Decision Making*, 10, 492–502.

## 2014

- King, J., & Slovic, P. (2014). The affect heuristic in early judgments of product innovations. *Journal of Consumer Behaviour*, 13, 411–428. doi: 10.1002/cb.1491
- Västfjäll, D., Peters, E., & Slovic, P. (2014). The affect heuristic, mortality salience, and risk: Domain-specific effects of a natural disaster on risk-benefit perception. *Scandinavian Journal of Psychology*, 55, 527–532. doi: 10.1111/sjop.12166
- Västfjäll, D., Slovic, P., Mayorga, M., & Peters, E. (2014). Compassion fade: Affect and charity are greatest for a single child in need. *PLoS ONE*, 9(6), e100115.

## 2013

- Andrews, J. A., Gordon, J. S., Hampson, S. H., Gunn, B., Christiansen, S. M., & Slovic, P. (2013). Long-term efficacy of Click City: Tobacco: A school-based tobacco prevention program. *Nicotine & Tobacco Research*, 16, 33–41.
- Genevsky, A., Västfjäll, D., Slovic, P., & Knutson, B. (2013). Neural underpinnings of the identifiable victim effect: Affect shifts preference for giving. *The Journal of Neuroscience*, 33, 17188–17196.
- Kahan, D. M., Peters, E., Dawson, E. C., & Slovic, P. (2013). Motivated numeracy and enlightened self-government (Working Paper No. 16). The Cultural Cognition Project at Yale Law School.
- Markowitz, E. M., Slovic, P., Västfjäll, D., & Hodges, S. D. (2013). Compassion fade and the challenge of environmental conservation. *Judgment and Decision Making*, 8, 397–406.
- Slovic, P. (2013, February 11). Children everywhere need protection. *The Ottawa Citizen*.
- Slovic, P. (2013, April 21). A new front in genocide fight [Editorial]. *The Register Guard*, pp. G1, G4.
- Slovic, P. (2013). Remembering Jim Flynn. *Risk Analysis*, 33, 183–185.
- Slovic, P., & Västfjäll, D. (2013). The more who die, the less we care: Psychic numbing and genocide. In A. J. Oliver (Ed.), *Behavioural public policy* (pp. 94–114). UK: Cambridge University Press.
- Slovic, P., Zionts, D., Woods, A. K., Goodman, R., & Jinks, D. (2013). Psychic numbing and mass atrocity. In E. Shafir (Ed.), *The behavioral foundations of public policy* (pp. 126–142). NJ: Princeton University Press.
- Svenson, O., Eriksson, G., Slovic, P., Mertz, C. K., & Fuglestad, T. (2012). Effects of main actor, outcome and affect on biased braking speed judgments. *Judgment and Decision Making*, 7, 235–243.

Västfjäll, D., & Slovic, P. (2013). Cognition and emotion in judgment and decision making. In M. D. Robinson, E. R. Watkins, & E. Harmon-Jones (Eds.), *Handbook of cognition and emotion* (pp. 252–271). New York: Guilford Press.

Weller, J. A., Shackelford, C., Dieckmann, N. F., & Slovic, P. (2013). Possession attachment predicts cell phone use while driving. *Health Psychology, 32*, 379–387. doi: 10.1037/a0029265

## 2012

Burns, W. J., & Slovic, P. (2012). Risk perception and behaviors: Anticipating and responding to crises [Introduction to the special series]. *Risk Analysis, 32*, 579–582.

Burns, W. J., Peters, E., & Slovic, P. (2012). Risk perception and the economic crisis: A longitudinal study of the trajectory of perceived risk. *Risk Analysis, 32*, 659–677.

Dickert, S., Västfjäll, D., Kleber, J., & Slovic, P. (2012). Valuations of human lives: Normative expectations and psychological mechanisms of (ir)rationality. *Synthese, 189*, 95–105.

Giesecke, J. A., Burns, W. J., Barrett, A., Bayrak, E., Rose, A., Slovic, P., & Suher, M. (2012). Assessment of the regional economic impacts of catastrophic events: CGE analysis of resource loss and behavioral effects of an RDD attack scenario. *Risk Analysis, 32*, 583–600.

Kahan, D. M., Peters, E., Wittlin, M., Slovic, P., Ouellette, L. L., Braman, D., & Mandel, G. (2012). The polarizing impact of science literacy and numeracy on perceived climate change risks. *Nature Climate Change, 2*, 732–735.

Peters, E., Kunreuther, H., Sagara, N., Slovic, P., & Schley, D. R. (2012). Protective measures, personal experience, and the affective psychology of time. *Risk Analysis, 32*, 2084–2097.

Rubaltelli, E., Dickert, S., & Slovic, P. (2012). Response mode, compatibility, and dual-processes in the evaluation of simple gambles: An eye-tracking investigation. *Judgment and Decision Making, 7*, 427–440.

Slovic, P. (2012). Communication challenges in managing social and economic impacts of emerging and infectious diseases. In *Emerging and persistent infectious diseases (EPID): Focus on the societal and economic context* (pp. 54–64). Fairfax, VA: Institute on Science for Global Policy.

Slovic, P. (2012). The more who die, the less we care: Confronting psychic numbing. *International Psychology Bulletin, 16*(3), 20–26.

Slovic, P. (2012). The perception gap: Radiation and risk. *Bulletin of the Atomic Scientists, 68*, 67–75.

Slovic, P. (2012). The “value” of smoking cigarettes. *Health, Risk & Society, 14*, 409–414.

Slovic, P., Västfjäll, D., & Gregory, R. (2012). Informing decisions to prevent genocide. *SAIS Review, 32*(1), 33–47.

Slovic, P., & Zions, D. (2012). Can international law stop genocide when our moral intuitions fail us? In R. Goodman, D. Jinks, & A. K. Woods (Eds.), *Understanding social action, promoting human rights* (pp. 100–128). New York, NY: Oxford University Press.

## 2011

Andrews, J. A., Gordon, J. S., Hampson, S. H., Christiansen, S. M., Gunn, B., Slovic, P., & Severson, H. H. (2011). Short-term efficacy of Click City: Tobacco: Changing etiological mechanisms related to the onset of tobacco use. *Prevention Science, 12*, 89–102.

Burns, W. J., Reilly, C., & Slovic, P. (2011, December). The attack on Flight 253, the Haiti earthquake, and the Japanese disaster: A longitudinal look at emotional reactions, risk-related behaviors, and support for policy measures. *The CIP Report*, pp. 22–24, 34.

Dickert, S., Kleber, J., Peters, E., & Slovic, P. (2011). Numeracy as a precursor to pro-social behavior: The impact of numeracy and presentation format on the cognitive mechanisms underlying donation decisions. *Judgment and Decision Making, 6*, 638–650.

Dickert, S., Sagara, N., & Slovic, P. (2011). Affective motivations to help others: A two-stage model of donation decisions. *Journal of Behavioral Decision Making, 24*, 361–376.

Dickert S., & Slovic, P. (2011). Unstable values in lifesaving decisions. *Frontiers in Psychology, 2*, 294. doi: 10.3389/fpsyg.2011.00294

Frank, D., & Slovic, P., & Västfjäll, D. (2011). “Statistics don’t bleed”: Rhetorical psychology, presence, and psychic numbing in genocide pedagogy. *JAC, 31*, 609–624.

- Gastil, J., Braman, D., Kahan, D., & Slovic, P. (2011). The cultural orientation of mass political opinion. *PS: Political Science and Politics*, *44*, 711–714.
- Gregory, R., Peters, E., & Slovic, P. (2011). Making decisions about prescription drugs: A study of doctor-patient communication. *Health, Risk, and Society*, *13*, 347–371.
- Kahan, D. M., Wittlin, M., Peters, E., Slovic, P., Ouellette, L. L., Braman, D., & Mandel, G. (2011). *The tragedy of the risk-perception commons: Culture conflict, rationality conflict, and climate change* (Cultural Cognition Project Working Paper No. 89). Available at <http://ssrn.com/abstract=1871503>
- Slovic, P. (2011, May 11). The psychology of intervention: Why we need a villain. *The Ottawa Citizen*, p. A10.

## 2010

- Burns, W. J., & Slovic, P. (2010). Predicting and modelling public response to a terrorist strike. In P. Slovic (Ed.), *The feeling of risk: New perspectives on risk perception*. (pp. 285–306). London, UK: Earthscan.
- Dieckmann, N. F., Mauro, R., & Slovic, P. (2010). The effects of presenting imprecise probabilities in intelligence forecasts. *Risk Analysis*, *30*, 987–1001.
- Michel-Kerjan, E., & Slovic, P. (2010, October 7). The collapse of compassion. *The Huffington Post*. Retrieved from [http://www.huffingtonpost.com/erwann-michelkerjan/pakistan-the-collapse-of-\\_b\\_751192.html](http://www.huffingtonpost.com/erwann-michelkerjan/pakistan-the-collapse-of-_b_751192.html)
- Rivers, L., Arvai, J., & Slovic, P. (2010). Beyond a simple case of black and white: Searching for the White Male Effect in the African American community. *Risk Analysis*, *30*, 65–77.
- Rubaltelli, E., Pasini, G., Rumiati, R., Olsen, R., & Slovic, P. (2010). The influence of affective reactions on investment decisions. *The Journal of Behavioral Finance*, *11*, 168–176.
- Rubaltelli, E., Rumiati, R., & Slovic, P. (2010). Do ambiguity avoidance and the comparative ignorance hypothesis depend on people's affective reactions? *Journal of Risk and Uncertainty*, *40*, 243–254.
- Slovic, P. (2010). "If I look at the mass I will never act": Psychic numbing and genocide. In S. Roeser (Ed.), *Emotions and risky technologies* (pp. 37–59). London, UK: Earthscan.
- Slovic, P. (2010). The more who die, the less we care. In Michel-Kerjan, E., & Slovic, P. (Eds.), *The irrational economist: Decision making in a dangerous world* (pp. 30–40). New York, NY: Public Affairs Press.
- Slovic, P. (2010). The psychology of risk. *Saúde e Sociedade*, *19*, 731–747.
- Slovic, P., & Västfjäll, D. (2010). Affect, moral intuition, and risk. *Psychological Inquiry*, *21*, 387–398.

## 2009

- Slovic, P. (2009, March). *Talking about recycled water—and stigmatizing it* (Report No. 15-10). Eugene, OR: Decision Research.
- Dickert, S., & Slovic, P. (2009). Attentional mechanisms in the generation of sympathy. *Judgment and Decision Making*, *4*, 297–306.
- Dieckmann, N. F., Slovic, P., & Peters, M. E. (2009). The use of narrative evidence and explicit likelihood by decisionmakers varying in numeracy. *Risk Analysis*, *29*, 1473–1488.
- Peters, E., Dieckmann, N. F., Västfjäll, D., Mertz, C. K., Slovic, P., & Hibbard, J. H. (2009). Bringing meaning to numbers: The impact of evaluative categories on decisions. *Journal of Experimental Psychology: Applied*, *15*, 213–227.

## 2008

- Kahan, D. M., Braman, D., Slovic, P., Gastil, J., & Cohen, G. (2008). Cultural cognition of the risks and benefits of nanotechnology. *Nature Nanotechnology*, *4*, 1–4.
- Peters, E., Slovic, P., Västfjäll, D., & Mertz, C. K. (2008). Intuitive numbers guide decisions. *Judgment and Decision Making*, *3*, 619–635.
- Rubaltelli, E., & Slovic, P. (2008). Affective reactions and context-dependent processing of negations. *Judgment and Decision Making*, *3*, 607–618.
- Slovic, P., Finucane, M., Peters, E., & MacGregor, D. G. (2008). Risk as feeling: Some thoughts about affect, reason, risk and rationality. In L. Asveld & S. Roeser (Eds.), *The ethics of technological risk* (pp. 177–195). London, UK: Earthscan.

Västfjäll, D., Peters, E., & Slovic, P. (2008). Affect, risk perception and future optimism after the tsunami disaster. *Judgment and Decision Making*, 3, 64–72.

## 2007

- Burns, W. J., & Slovic, P. (2007). The diffusion of fear: Modeling community response to a terrorist strike. *JDMS: The Journal of Defense Modeling and Simulation: Applications, Methodology, Technology*, 4, 298–317.
- Kahan, D. M., Braman, D., Gastil, J., Slovic, P., & Mertz, C. K. (2007). Culture and identity-protective cognition: Explaining the white-male effect in risk perception. *Journal of Empirical Legal Studies*, 4, 465–505.
- Kahan, D. M., Braman, D., Slovic, P., Gastil, J., & Cohen, G. L. (2007, October). *The Second National Risk and Culture Study: Making sense of—and making progress in—the American culture war of fact* (GWU Legal Studies Research Paper No. 370). Retrieved from <http://ssrn.com/abstract=1017189>
- Kahan, D. M., Slovic, P., Braman, D., Gastil, J., & Cohen, G. L. (2007, March). *Affect, values, and nanotechnology risk perceptions: An experimental investigation* (GWU Legal Studies Research Paper No. 261). Retrieved from <http://ssrn.com/abstract=968652>
- Peters, E., Hibbard, J., Slovic, P., & Dieckmann, N. F. (2007). Numeracy skill and the communication, comprehension, and use of risk-benefit information. *Health Affairs*, 26, 741–748.
- Peters, E., Romer, D., Slovic, P., Jamieson, K. H., Wharfield, L., Mertz, C., & Carpenter, S. (2007). The impact and acceptability of Canadian-style cigarette warning labels among U.S. smokers and nonsmokers. *Nicotine & Tobacco Research*, 9, 473–481.
- Peters, E., & Slovic, P. (2007). Affective asynchrony and the measurement of the affective attitude component. *Cognition and Emotion*, 21, 300–329.
- Slovic, P. (2007). Affect, reason, and mere hunches. *Journal of Law, Economics and Policy*, 4, 191–211.
- Slovic, P. (2007), “If I look at the mass I will never act”: Psychic numbing and genocide. *Judgment and Decision Making*, 2, 1–17. Retrieved April 24, 2007, from <http://journal.sjdm.org/vol2.2.htm>
- Slovic, P. (2007, March 13). Numbed by numbers. *Foreign Policy*. Retrieved from [http://www.foreignpolicy.com/story/cms.php?story\\_id=3751](http://www.foreignpolicy.com/story/cms.php?story_id=3751)
- Slovic, P. (2007, November). Psychic numbing and genocide. *APA Psychological Science Agenda*, 21. Retrieved from <http://www.apa.org/science/about/psa/2007/11/slovic.aspx>
- Slovic, P. (2007). Perception of risk from asteroid impact. In P. T. Bobrowsky & H. Rickman (Eds.), *Comet/asteroid impacts and human society: An interdisciplinary approach* (pp. 369–382). Berlin, Germany: Springer-Verlag.
- Slovic, P. (2007, April 7). When compassion fails. *New Scientist*, 194(2598), 18.
- Slovic, P., Peters, E., Grana, J., Berger, S., & Dieck, G. S. (2007). Risk perception of prescription drugs: Results of a national survey. *Drug Information Journal*, 41, 81–100.
- Small, D. A., Loewenstein, G., & Slovic, P. (2007). Sympathy and callousness: The impact of deliberative thought on donations to identifiable and statistical victims. *Organizational Behavior and Human Decision Processes*, 102, 143–153.

## 2006

- Bateman, I., Slovic, P., & Starmer, C. (2006). Incentivised experimental investigations of the affect heuristic (EDM 2006-06). University of East Anglia, UK: Centre for Social and Economic Research on the Global Environment.
- Burns, W. J., & Slovic, P. (2006). *Predicting public response to a terrorist strike* (Report No. 06-02). Eugene, OR: Decision Research.
- Kahan, D. M., & Slovic, P. (2006). Cultural evaluations of risk: “Values” or “blunders”? *Harvard Law Review Forum*, 119, 166–172.
- Kahan, D. M., Slovic, P., Braman, D., & Gastil, J. (2006). Fear of democracy: A cultural evaluation of Sunstein on risk. [Review of the book *Laws of fear: Beyond the precautionary principle*]. *Harvard Law Review*, 119, 1071–1109.
- Peters, E., Slovic, P., Hibbard, J. H., & Tusler, M. (2006). Why worry? Worry, risk perceptions, and willingness to act to reduce medical errors. *Health Psychology*, 25, 144–152.
- Peters, E., Västfjäll, D., Gärling, T., & Slovic, P. (2006). Affect and decision making: A “hot” topic. *Journal of Behavioral Decision Making*, 19, 79–85.

- Peters, E., Västfjäll, D., Slovic, P., Mertz, C. K., Mazzocco, K., & Dickert, S. (2006). Numeracy and decision making. *Psychological Science, 17*, 407–413.
- Ropeik, D., & Slovic, P. (2006). Risk communication: A neglected tool in protecting public health. *Eurohealth, 12*(3), 40–42. Retrieved from <http://tinyurl.com/lr8oqoe>
- Slovic, P., & Peters, E. (2006). Risk perception and affect. *Current Directions in Psychological Science, 15*, 322–325.

## 2005

- Finucane, M. L., Mertz, C. K., Slovic, P., & Schmidt, E. S. (2005). Task complexity and older adults' decision-making competence. *Psychology and Aging, 20*, 71–84.
- Hibbard, J. H., Peters, E., Slovic, P., & Tusler, M. (2005). Can patients be part of the solution? Views on their role in preventing medical errors. *Medical Care Research and Review, 62*, 601–616.
- Slovic, P., Peters, E., Finucane, M. L., & MacGregor, D. G. (2005). Affect, risk, and decision making. *Health Psychology, 24*, S35–S40.
- Slovic, P. (2005). Review of “Risk in perspective: Insight and humor in the age of risk management” by Kimberly M. Thompson. *Risk Analysis, 25*, 493.

## 2004

- Satterfield, T. A., Mertz, C. K., & Slovic, P. (2004). Discrimination, vulnerability, and justice in the face of risk. *Risk Analysis, 24*, 115–129.
- Savadori, L., Savio, S., Nicotra, E., Rumiati, R., Finucane, M., & Slovic, P. (2004). Expert and public perception of risk from biotechnology. *Risk Analysis, 24*, 1289–1299. [Reprinted in P. Slovic (Ed.), *The feeling of risk: New perspectives on risk perception*. (pp. 285–306). London, UK: Earthscan, 2010.]
- Slovic, P. (2004). What's fear got to do with it? It's affect we need to worry about. *Missouri Law Review, 69*, 971–990.
- Slovic, P., Finucane, M., Peters, E., & MacGregor, D. G. (2004). Risk as analysis and risk as feelings: Some thoughts about affect, reason, risk, and rationality. *Risk Analysis, 24*, 311–322.
- Slovic, S., & Slovic, P. (2004/2005). Numbers and nerves: Toward an affective apprehension of environmental risk. *Whole Terrain, 13*, 14–18.
- Weinstein, N. D., Slovic, P., & Gibson, G. (2004). Accuracy and optimism in smokers' beliefs about quitting. *Nicotine & Tobacco Research, 6*, 375–380.
- Weinstein, N. D., Slovic, P., Waters, E., & Gibson, G. (2004). Public understanding of the illnesses caused by cigarette smoking. *Nicotine & Tobacco Research, 6*, 349–355.

## 2003

- Finucane, M. L., Peters, E., & Slovic, P. (2003). Judgment and decision making: The dance of affect and reason. In S. L. Schneider & J. Shanteau (Eds.), *Emerging perspectives on judgment and decision research* (pp. 327–364). New York, NY: Cambridge University Press.
- Kasperson, J. X., Kasperson, R. E., Pidgeon, N., & Slovic, P. (2003). The social amplification of risk: Assessing fifteen years of research and theory. In N. Pidgeon, R. Kasperson, & P. Slovic (Eds.), *The social amplification of risk* (pp. 13–46). London, UK: Cambridge University Press.
- Lin, S., & Slovic, P. (2003, August). *Sign Theory: A non-extensional theory of preference* (Report No. 06-03). Eugene, OR: Decision Research.
- Peters, E., Slovic, P., & Gregory, R. (2003). The role of affect in the WTA/WTP disparity. *Journal of Behavioral Decision Making, 16*, 309–330.
- Slovic, P. (2003). Affect, analysis, adolescence, and risk. In D. Romer (Ed.), *Reducing adolescent risk: Toward an integrated approach* (pp. 44–48). Thousand Oaks, CA: Sage.
- Slovic, P. (2003). Going beyond the Red Book: The sociopolitics of risk. *Human and Ecological Risk Assessment, 9*, 1181–1190.
- Slovic, P. (2003). *A difficult balance: Risk perception and risk communication in an age of terrorism*. Paper prepared for the Terrorism Task Force of the American College of Neuropsychopharmacology.

**2002**

- Finucane, M. L., Slovic, P., Hibbard, J. H., Peters, E., Mertz, C. K., & MacGregor, D. G. (2002). Aging and decision-making competence: An analysis of comprehension and consistency skills in older versus young adults considering health-plan options. *Journal of Behavioral Decision Making*, *15*, 141–164.
- Hibbard, J. H., Slovic, P., Peters, E., & Finucane, M. L. (2002). Strategies for reporting health plan performance information to consumers: Evidence from controlled studies. *Health Services Research*, *37*, 291–313.
- Monahan, J., Heilbrun, K., Silver, E., Nabors, E., Bone, J., & Slovic, P. (2002). Communicating violence risk: Frequency formats, vivid outcomes, and forensic settings. *International Journal of Forensic Mental Health*, *1*, 121–126.
- Slovic, P. (2002). Terrorism as hazard: A new species of trouble. *Risk Analysis*, *22*, 425–426.
- Slovic, P., Finucane, M., Peters, E., & MacGregor, D. G. (2002). The affect heuristic. In T. Gilovich, D. Griffin, & D. Kahneman (Eds.), *Heuristics and biases: The psychology of intuitive judgment* (pp. 397–420). New York, NY: Cambridge University Press.
- Slovic, P., Finucane, M., Peters, E., & MacGregor, D. G. (2002). Rational actors or rational fools? Implications of the affect heuristic for behavioral economics. *The Journal of Socio-Economics*, *31*, 329–342.
- Slovic, P., & Weber, E. U. (2002, April). Perception of risk posed by extreme events. In *Risk management strategies in an uncertain world*. Columbia/Wharton Roundtable, Palisades, NY.
- Svenson, O., & Slovic, P. (2002, February). *Can word associations and affect be used as indicators of differentiation and consolidation in decision making?* (Report No. 02-04). Eugene, OR: Decision Research.

**2001**

- Dreman, D., Johnson, S., MacGregor, D., & Slovic, P. (2001). A report on the March 2001 investor sentiment survey. *The Journal of Psychology and Financial Markets*, *2*, 126–134.
- Hampson, S. E., Severson, H. H., Burns, W. J., Slovic, P., & Fisher, K. J. (2001). Risk perception, personality factors and alcohol use among adolescents. *Personality and Individual Differences*, *30*, 167–181.
- Hibbard, J. H., Peters, E., Slovic, P., Finucane, M. L., & Tusler, M. (2001). Making health care quality report cards easier to use. *The Joint Commission Journal on Quality Improvement*, *27*, 591–604.
- Hibbard, J. H., Slovic, P., Peters, E., Finucane, M. L., & Tusler, M. (2001). Is the informed-choice policy approach appropriate for Medicare beneficiaries? *Health Affairs*, *20*(3), 199–203.
- Kunreuther, H., & Slovic, P. (2001). Coping with stigma: Challenges and opportunities. In J. Flynn, P. Slovic, & H. Kunreuther (Eds.), *Risk, media, and stigma: Understanding public challenges to modern science and technology* (pp. 331–352). London, UK: Earthscan. [An abbreviated version appeared in *Risk: Health, Safety & Environment*, *10*, 269–280, 1999.]
- Satterfield, T., Slovic, P., Gregory, R., Flynn, J., & Mertz, C. K. (2001). Risk lived, stigma experienced. In J. Flynn, P. Slovic, & H. Kunreuther (Eds.), *Risk, media, and stigma: Understanding public challenges to modern science and technology* (pp. 69–83). London, UK: Earthscan.
- Slovic, P. (2001). Cigarette smokers: Rational actors or rational fools? In P. Slovic (Ed.), *Smoking: Risk, perception, & policy* (pp. 97–124). Thousand Oaks, CA: Sage.
- Slovic, P. (2001). Perceptions of pesticides as risks to human health. In R. Kreiger (Ed.), *Handbook of pesticide toxicology* (pp. 845–857). San Diego, CA: Academic Press.
- Slovic, P. (2001). Psychological study of human judgment: Implications for investment decision making. *The Journal of Psychology and Financial Markets*, *2*, 160–172.

**2000**

- Finucane, M. L., Alhakami, A., Slovic, P., & Johnson, S. M. (2000). The affect heuristic in judgments of risks and benefits. *Journal of Behavioral Decision Making*, *13*, 1–17.
- Finucane, M. L., Slovic, P., & Mertz, C. K. (2000). Public perception of the risk of blood transfusion. *Transfusion: Journal of the American Association of Blood Banks*, *40*, 1017–1022.
- Finucane, M. L., Slovic, P., Mertz, C. K., Flynn, J., & Satterfield, T. A. (2000). Gender, race and perceived risk: The “white male” effect. *Health, Risk & Society*, *2*, 159–172.

- MacGregor, D. G., & Slovic, P. (2000). Perceived risk and driving behavior: Lessons for improving traffic safety in emerging market countries. In H. von Holst, A. Nygren, & A. E. Anderson (Eds.), *Transportation, traffic safety and health: Human behavior* (pp. 37–54). Berlin, Germany: Springer-Verlag.
- MacGregor, D. G., & Slovic, P. (2000). *Retirement plans and financial expectations: A survey of leading-edge “baby boomers”* (Report No. 00-8). Eugene, OR: Decision Research.
- MacGregor, D. G., Slovic, P., Dreman, D., & Berry, M. (2000). Imagery, affect, and financial judgment. *Journal of Psychology and Financial Markets*, *1*, 104–110.
- McMackin, J., & Slovic, P. (2000). When does explicit justification impair decision making? *Journal of Applied Cognitive Psychology*, *14*, 527–541.
- Peters, E., Finucane, M. L., Macgregor, D. G., & Slovic, P. (2000). The bearable lightness of aging: Judgment and decision processes in older adults. In National Research Council, Committee on Future Directions for Cognitive Research on Aging, P. C. Stern & L. L. Carstensen (Eds.), *The aging mind: Opportunities in cognitive research* (Appendix C, pp. 144–165) Washington, DC: National Academy Press.
- Peters, E., & Slovic, P. (2000). The springs of action: Affective and analytical information processing in choice. *Personality and Social Psychology Bulletin*, *26*, 1465–1475.
- Satterfield, T., Johnson, S. M., Slovic, P., Neil, N., & Schein, J. R. (2000). Perceived risks and reported behaviors associated with osteoporosis and its treatment. *Women & Health*, *31*(4), 21–40.
- Satterfield, T., Slovic, P., & Gregory, R. (2000). Narrative valuation in a policy judgment context. *Ecological Economics*, *34*, 315–331.
- Slovic, P. (2000). Rational actors and rational fools: The influence of affect on judgment and decision making. *Roger Williams University Law Review*, *6*, 163–212.
- Slovic, P. (2000). Rejoinder: The perils of Viscusi’s analyses of smoking risk perceptions. *Journal of Behavioral Decision Making*, *13*, 273–276.
- Slovic, P. (2000). What does it mean to know a cumulative risk? Adolescents’ perceptions of short-term and long-term consequences of smoking. *Journal of Behavioral Decision Making*, *13*, 259–266.
- Slovic, P., & Flynn, J. (2000). Avaliações dos peritos e do público acerca dos riscos tecnológicos. In M. E. Gonçalves (Eds.), *Cultura científica e participação pública* (pp. 109–128). Portugal: por Celta Editora.
- Slovic, P., Flynn, J., Mertz, C. K., Poumadère, M., & Mays, C. (2000). Nuclear power and the public: A comparative study of risk perception in France and the United States. In O. Renn & B. Rohrman (Eds.), *Cross-cultural risk perception: A survey of empirical studies* (pp. 55–102). Dordrecht, The Netherlands: Kluwer Academic.
- Slovic, P., Monahan, J., & MacGregor, D. G. (2000). Violence risk assessment and risk communication: The effects of using actual cases, providing instruction, and employing probability versus frequency formats. *Law and Human Behavior*, *24*, 271–296.

## 1999

- Axelrod, L. J., McDaniels, T., & Slovic, P. (1999). Perceptions of ecological risk from natural hazards. *Journal of Risk Research*, *2*, 31–53.
- Finucane, M. L., & Slovic, P. (1999). Risk and the white male: A perspective on perspectives. *Framtider*, *18*(1), 24–29.
- Flynn, J., & Slovic, P. (1999). Seeking common ground in evaluating technological risks. *Risk: Health, Safety & Environment*, *10*, 333–358.
- Flynn, J., Slovic, P., Mertz, C. K., & Carlisle, C. (1999). Public support for earthquake risk mitigation in Portland, Oregon. *Risk Analysis*, *19*, 205–216.
- Kunreuther, H., & Slovic, P. (1999). Coping with stigma: Challenges & opportunities. *Risk: Health, Safety & Environment*, *10*, 269–280.
- MacGregor, D. G., & Slovic, P. (1999, Janeiro/Fevereiro). Percepção de risco e comportamento na direção: Lições para melhorar a segurança de tráfego em países emergentes. *Abramet*, pp. 50–59 (in Portuguese).
- MacGregor, D. G., Slovic, P., Berry, M., & Evensky, H. R. (1999). Perception of financial risk: A survey study of advisors and planners. *Journal of Financial Planning*, *12*(8), 68–86.
- MacGregor, D. G., Slovic, P., & Malmfors, T. (1999). “How exposed is exposed enough?” Lay inferences about chemical exposure. *Risk Analysis*, *19*, 649–659.

Purchase, I. F. H., & Slovic, P. (1999). Quantitative risk assessment breeds fear. *Human and Ecological Risk Assessment*, 5, 445–453.

Slovic, P. (1999). Comment: Are trivial risks the greatest risks of all? *Journal of Risk Research*, 2, 281–288.

Slovic, P. (1999). Trust, emotion, sex, politics, and science: Surveying the risk-assessment battlefield. *Risk Analysis*, 19, 689–701. Originally published in M.H. Bazerman, D.M. Messick, A.E. Tenbrunsel, & K.A. Wade-Benzoni (Eds.), *Environment, ethics, and behavior* (pp. 277–313). San Francisco, CA: New Lexington, 1997. Revised version in *The University of Chicago Legal Forum*, 1997, 59–99. Also in T.L. Tinker, M.T. Pavlova, A.R. Gotsch, & E.B. Arkin (Eds.), *Communicating risk in a changing world* (pp. 27–59). Solomons Island, MD/Beverly Farms, MA: The Ramazzini Institute, OEM Press, 1998 and in M. Tubiana, C. Vrousos, C. Carde, & J-P. Pagès. (Eds.), *Risque & société* (pp. 85–110). Cedex, France: Editions Nucléon, 1998. Reprinted in D.J. Paustenbach (Ed.), *Human and ecological risk assessment: Theory and practice* (pp. 1377–1397). Somerset, NJ: Wiley, 2002.

Slovic, P., & Gregory, R. (1999). Risk analysis, decision analysis, and the social context for risk decision making. In J. Shanteau, B. A. Mellers, & D. A. Schum (Eds.), *Decision science and technology: Reflections on the contributions of Ward Edwards* (pp. 353–365). Norwell, MA: Kluwer Academic.

## 1998

Bohnenblust, H., & Slovic, P. (1998). Integrating technical analysis and public values in risk-based decision making. *Reliability Engineering and Systems Safety Journal*, 59, 151–159.

Flynn, J., Peters, E., Mertz, C. K., & Slovic, P. (1998). Risk, media, and stigma at Rocky Flats. *Risk Analysis*, 18, 715–727.

Johnson, B. B., & Slovic, P. (1998). Lay views on uncertainty in environmental health risk assessment. *Journal of Risk Research*, 1, 261–279.

Kunreuther, H., Onculer, A. & Slovic, P. (1998). Time insensitivity for protective investments. *Journal of Risk and Uncertainty*, 16, 279–299.

MacGregor, D. G., Slovic, P., & Race, M. S. (1998). *Lay and expert perceptions of planetary protection* (Report No. 98-2). Eugene, OR: Decision Research.

Mertz, C. K., Slovic, P., & Purchase, I. F. H. (1998). Judgments of chemical risks: Comparison among senior managers, toxicologists, and the public. *Risk Analysis*, 18, 391–404.

Slovic, P. (1998). Do adolescent smokers know the risks? *Duke Law Journal*, 47, 1133–1141.

Slovic, P. (1998). If hormesis exists . . . Implications for risk perception and communication. *Belle Newsletter*, 7(1), 9–10. Also in *Human & Experimental Toxicology*, 17, 439–440.

Slovic, P. (1998). The risk game. *Reliability Engineering and Systems Safety Journal*, 59, 73–77. [Reprinted in *Journal of Hazardous Materials*, 86, 17–24, 2001.]

Slovic, P., MacGregor, D. G., & Peters, E. (1998). *Imagery, affect, and decision making* (Report No. 98-1). Eugene, OR: Decision Research.

Slovic, P., & Peters, E. (1998). The importance of worldviews in risk perception. *Risk, Decision and Policy*, 3, 165–170.

Wagner, R. G., Flynn, J., Gregory, R., Mertz, C. K., & Slovic, P. (1998). Acceptable practices in Ontario's forests: Differences between the public and forestry professionals. *New Forests*, 16, 139–154.

## 1997

Barke, R., Jenkins-Smith, H., & Slovic, P. (1997). Risk perceptions of men and women scientists. *Social Science Quarterly*, 78, 167–176.

Fetherstonhaugh, D., Slovic, P., Johnson, S. M., & Friedrich, J. (1997). Insensitivity to the value of human life: A study of psychophysical numbing. *Journal of Risk and Uncertainty*, 14, 283–300. [Revised version in H. J. Langholtz, (Ed.), *The psychology of peacekeeping* (pp. 75–88). Westport, CT: Praeger, 1998].

Flynn, J., Kaspersen, R. E., Kunreuther, H., & Slovic, P. (1997). Overcoming tunnel vision: Redirecting the U.S. high-level nuclear waste program. *Environment*, 39(3), 6–11, 25–30.

Gregory, R., Flynn, J., Johnson, S., Satterfield, T., Slovic, P., & Wagner, R. (1997). Decision pathway surveys: A tool for resource managers. *Land Economics*, 73, 240–254.



- Gregory, R., & Slovic, P. (1997). A constructive approach to environmental valuation. *Ecological Economics*, 21, 175–181.
- Hibbard, J. H., Slovic, P., & Jewett, J. J. (1997). Informing consumer decisions in health care: Implications from decision-making research. *Milbank Quarterly*, 75, 395–414.
- Johnson, B. B., & Slovic, P. (1997). *Testing explanations for public responses to uncertainty in environmental health risk estimates* (Report No. 97-7). Eugene, OR: Decision Research.
- McDaniels, T. L., Axelrod, J., Cavanagh, N. S., & Slovic, P. (1997). Perception of ecological risk to water environments. *Risk Analysis*, 17, 341–352.
- Satterfield, T., Johnson, S. M., Neil, N., & Slovic, P. (1997). *Attitudes and perceptions associated with osteoporosis and its treatments* (Report No. 97-9). Eugene, OR: Decision Research.
- Slovic, P. (1997). Perception and acceptance of risk from radiation exposure in space flight. In D. Moeller (Ed.), *Acceptability of risk from radiation: Application to human space flight* (pp. 101–112). Bethesda, MD: NCRP.
- Slovic, P. (1997, May). Public perception of risk [Guest commentary]. *Journal of Environmental Health*, 59(9), 22–23, 54.
- Slovic, P. (1997). Risk perception and trust. In V. Molak (Ed.), *Fundamentals of risk analysis and risk management* (pp. 233–245). New York, NY: CRC Press.
- Slovic, P., Malmfors, T., Mertz, C. K., Neil, N., & Purchase, I. F. H. (1997). Evaluating chemical risks: Results of a survey of the British Toxicology Society. *Human & Experimental Toxicology*, 16, 289–304.

## 1996

- Bohnenblust, H., & Slovic, P. (1996, June). Integrating technical analysis and public values in risk-based decision making. In *Proceedings of the International Conference on Probabilistic Safety Assessment and Management*. Crete, Greece.
- Flynn, J., Slovic, P., & Mertz, C. K. (1996). *Final report: City of Portland earthquake risk survey* (Report No. 96-13) Eugene, OR: Decision Research.
- Foran, J. A., Goldstein, B. D., Moore, J. A., & Slovic, P. (1996). Predicting future sources of mass toxic tort litigation. *Risk: Health, Safety & Environment*, 7, 15–22.
- Gregory, R., Slovic, P., & Flynn, J. (1996). Risk perceptions, stigma, and health policy. *Health & Place*, 2, 213–220.
- Kunreuther, H., & Slovic, P. (1996). Science, values, and risk. *The Annals of the American Academy of Political and Social Science*, 545, 116–125.
- Kunreuther, H., & Slovic, P. (Eds.) (1996). Challenges in risk assessment and risk management [Special issue]. *The Annals of the American Academy of Political and Social Science*, 545.
- Kunreuther, H., Slovic, P., & MacGregor, D. G. (1996). Risk perception and trust: Challenges for facility siting. *Risk: Health, Safety & Environment*, 7, 109–118.
- McDaniels, T., Axelrod, J., & Slovic, P. (1996). Perceived ecological risks of global change: A psychometric comparison of causes and consequences. *Global Environmental Change*, 6, 159–171.
- Peters, E., & Slovic, P. (1996). The role of affect and worldviews as orienting dispositions in the perception and acceptance of nuclear power. *Journal of Applied Social Psychology*, 26, 1427–1453.
- Slovic, P. (1996, January 1). Experts must respect and include citizens in decisions on risks. *Environmental Health Letter*, p. 7.
- Slovic, P. (1996). Perception of risk from radiation. *Radiation Protection Dosimetry*, 68, 165–180.
- Slovic, P. (1996). Risk game. *Water Resources Update*, 103, 2–7.
- Slovic, P. (1996). Wissenschaft, Werte, Vertrauen und Risiko. In G. de Haan (Ed.), *Ökologie-Gesundheit-Risiko: Perspektiven Ökologischer Kommunikation* (pp. 51–68). Berlin, Germany: Akademie Verlag.
- Slovic, P., Satterfield, T., Mertz, C. K., & Flynn, J. (1996). *Psychological and social impacts associated with contamination from the Woolfolk chemical works plant in Fort Valley, Georgia* (Report No. 96-12). Eugene, OR: Decision Research.

**1995**

- Benthin, A., Slovic, P., Moran, P., Severson, H., Mertz, C. K., & Gerrard, M. (1995). Adolescent health-threatening and health-enhancing behaviors: A study of word association and imagery. *Journal of Adolescent Health, 17*, 143–152.
- Flynn, J., & Slovic, P. (1995). Yucca Mountain: A crisis for policy: Prospects for American's high-level nuclear waste program. In *Annual review of energy and the environment* (Vol. 20, pp. 83–118). Palo Alto, CA: Annual Reviews.
- Gregory, R., Flynn, J., & Slovic, P. (1995). Technological stigma. *American Scientist, 83*, 220–223.
- Gregory, R., Lichtenstein, S., Brown, T. C., Peterson, G. L., & Slovic, P. (1995). How precise are monetary representations of environmental improvements? *Land Economics, 71*, 462–473.
- Johnson, B. B., & Slovic, P. (1995). Presenting uncertainty in health risk assessment: Initial studies of its effects on risk perception and trust. *Risk Analysis, 15*, 485–494.
- Krewski, D., Slovic, P., Bartlett, S., Flynn, J., & Mertz, C. K. (1995). Health risk perception in Canada I: Rating hazards, sources of information and responsibility for health protection. *Human and Ecological Risk Assessment, 1*, 117–132.
- Krewski, D., Slovic, P., Bartlett, S., Flynn, J. & Mertz, C. K. (1995). Health risk perception in Canada II: Worldviews, attitudes and opinions. *Human and Ecological Risk Assessment, 1*, 231–248.
- MacGregor, D. G., & Slovic, P. (1995). The planetary exploration survey: What Society members think about planetary protection. *Planetary Report, 15*(2), 4–6.
- McDaniels, T., Axelrod, L. J., & Slovic, P. (1995). Characterizing perception of ecological risk. *Risk Analysis, 15*, 575–588.
- Slovic, P. (1995). The construction of preference. *American Psychologist, 50*, 364–371.
- Slovic, P. (1995). Judgment and decision making in emergency situations. In D. Golding, J. X. Kasperson, & R. E. Kasperson (Eds.), *Preparing for nuclear power plant accidents* (pp. 239–252). Boulder, CO: Westview Press.
- Slovic, P. (1995). Risk perception and public response to nuclear emergencies. In D. Golding, J. X. Kasperson, & R. E. Kasperson (Eds.), *Preparing for nuclear power plant accidents* (pp. 449–475). Boulder, CO: Westview Press.
- Slovic, P., Malmfors, T., Krewski, D., Mertz, C. K., Neil, N. & Bartlett, S. (1995). Intuitive toxicology II: Expert and lay judgments of chemical risks in Canada. *Risk Analysis, 15*, 661–675.
- Slovic, P., & Monahan, J. (1995). Probability, danger, and coercion: A study of risk perception and decision making in mental health law. *Law and Human Behavior, 19*, 49–65.

**1994**

- Alhakami, A. S., & Slovic, P. (1994). A psychological study of the inverse relationship between perceived risk and perceived benefit. *Risk Analysis, 14*, 1085–1096.
- Flynn, J., Slovic, P., & Mertz, C. K. (1994). Gender, race, and perception of environmental health risks. *Risk Analysis, 14*, 1101–1108.
- Johnson, B. B., & Slovic, P. (1994). “Improving” risk communication and risk management: Legislated solutions or legislated disasters? [Editorial]. *Risk Analysis, 14*, 905–906.
- MacGregor, D. G., Slovic, P., Mason, R. G., Detweiler, J., Binney, S. E., & Dodd, B. (1994). Perceived risks of radioactive waste transport through Oregon: Results of a statewide survey. *Risk Analysis, 14*, 5–14.
- MacGregor, D. G., Slovic, P., & Morgan, M. G. (1994). Perception of risks from electromagnetic fields: A psychometric evaluation of a risk-communication approach. *Risk Analysis, 14*, 815–828.
- Morrison, D., Chapman, C. R., & Slovic, P. (1994). The impact hazard. In T. Gehrels (Ed.), *Hazards due to comets and asteroids* (pp. 59–91). Tucson: University of Arizona Press.
- Slovic, P. (1994). Perception of risk and the future of nuclear power. *Physics and Society, 23*(1), 3–5. Originally published in M. Golay (Ed.), *Proceedings of the First MIT International Conference on the Next Generation of Nuclear Power Technology* (Sec. 6, pp. 1–6). Cambridge: Massachusetts Institute of Technology, Program for Advanced Nuclear Studies, 1991. Reprinted in M.A. Kuliasha, A. Zucker, & K.J. Ballew (Eds.), *Technologies for a greenhouse constrained society* (pp. 349–359). Boca Raton, FL: Lewis, 1992; also in B.W. Kursonoglu (Ed.),

*Making the market right for the efficient use of energy.* Commack, NY: Nova Science, 1992; also in *Arizona Journal of International and Comparative Law*, 9, 191–198, 1992.

Slovic, P., Flynn, J., & Gregory, R. (1994). Stigma happens: Social problems in the siting of nuclear waste facilities. *Risk Analysis*, 14, 773–777.

### 1993

Benthin, A., Slovic, P., & Severson, H. (1993). A psychometric study of adolescent risk perception. *Journal of Adolescence*, 16, 153–168.

Burns, W. J., Hampson, S. E., Severson, H. H., & Slovic, P. (1993). Alcohol-related risk taking among teenagers: An investigation of contributing factors and a discussion of how marketing principles can help. *Advances in Consumer Research*, 20, 183–187.

Burns, W. J., Slovic, P., Kasperson, R. E., Kasperson, J. X., Renn, O., & Emani, S. (1993). Incorporating structural models into research on the social amplification of risk: Implications for theory construction and decision making. *Risk Analysis*, 13, 611–623.

Desvousges, W. H., Kunreuther, H., Slovic, P., & Rosa, E. A. (1993). Perceived risk and attitudes toward nuclear wastes: National and Nevada perspectives. In R. E. Dunlap, M. E. Kraft, & E. A. Rosa (Eds.), *Public reactions to nuclear waste: Citizens' views of repository siting* (pp. 176–208). Durham, NC: Duke University Press.

Flynn, J., & Slovic, P. (1993). Nuclear wastes and public trust. *Forum for Applied Research and Public Policy*, 8, 92–100.

Flynn, J., Slovic, P., & Mertz, C. K. (1993). Decidedly different: Expert and public views of risks from a radioactive waste repository. *Risk Analysis*, 13, 643–648.

Flynn, J., Slovic, P., & Mertz, C. K. (1993). The Nevada initiative: A risk communication fiasco. *Risk Analysis*, 13, 497–502.

Gregory, R., Lichtenstein, S., & Slovic, P. (1993). Valuing environmental resources: A constructive approach. *Journal of Risk and Uncertainty*, 7, 177–197.

Hirose, H., Slovic, P., & Ishizuka, T. (1993). A comparative study of risk perception in American and Japanese college students. *Research in Social Psychology*, 9, 114–122 (in Japanese; Abstract in English).

Irwin, J., Slovic, P., Lichtenstein, S., & McClelland, G.H. (1993). Preference reversals and the measurement of environmental values. *Journal of Risk and Uncertainty*, 6, 5–18.

Johnson, S., Flynn, J., & Slovic, P. (1993, May-June). Nuclear opinions [Letter]. *American Scientist*, 81, 207–208.

Jungermann, H., & Slovic, P. (1993). Charakteristika individueller risikowahrnehmung [Characteristics of individual risk perception]. In *Risiko ist ein konstrukt* (pp. 89–107). Munich, Germany: Knesbeck (in German and English). [Reprinted in W. Krohn & G. Krücken (Eds.), *Riskante technologien: Reflexion und regulation*. Frankfurt, Germany: Suhrkamp, 1993.]

Jungermann, H., & Slovic, P. (1993). Die psychologie der kognition und evaluation von risiko. In G. Bechmann (Ed.), *Risiko und gesellschaft* (pp. 167–207). Opladen, Germany: Westdeutscher-Verlag (In German).

Neil, N., Slovic, P., & Hakkinen, P. J. (1993). *Mapping consumer perceptions of risk*. Washington, DC: Chemical Manufacturers Association.

Severson, H. H., Slovic, P., & Hampson, S. (1993). Adolescents perception of risk: Understanding and preventing high risk behavior. *Advances in Consumer Research*, 20, 177–182.

Slovic, P. (1993). Perceived risk, trust, and democracy. *Risk Analysis*, 13, 675–682.

Slovic, P. (1993). Perceptions of environmental hazards: Psychological perspectives. In T. Gärling & R.G. Golledge (Eds.), *Behavior and environment: Psychological and geographic approaches* (pp. 223–248). New York, NY: Elsevier.

Slovic, P., Flynn, J., Mertz, C. K., & Mullican, L. (1993). *Health risk perception in Canada* (Report No. 93-EHD-170). Ottawa: Department of National Health and Welfare (also in French).

Slovic, P., Layman, M., & Flynn, J. (1993). Perceived risk, trust, and nuclear waste: Lessons from Yucca Mountain. In R.E. Dunlap, M.E. Kraft, & E.A. Rosa. (Eds.), *Public reactions to nuclear waste: Citizens' views of repository siting* (pp. 64–86). Durham, NC: Duke University Press.

Slovic, P., Malmfors, T., & Neil, N. (Eds.). (1993). Intuitive toxicology [Special issue]. *Comments on Toxicology*, 4(6).

**1992**

- Flynn, J., Burns, W., Mertz, C. K., & Slovic, P. (1992). Trust as a determinant of opposition to a high-level radioactive waste facility: Analysis of a structural model. *Risk Analysis*, *12*, 417–429.
- Flynn, J., Kasperson, R., Kunreuther, H., & Slovic, P. (1992). Time to rethink nuclear waste storage. *Issues in Science and Technology*, *8*(4), 42–48.
- Hampson, S. E., Burns, W. J., Severson, H. H., & Slovic, P. (1992). *Adolescent alcohol-related risk taking: Exploring structural relations among risk perceptions, personality, and risk taking* (Report No. 93-4). Eugene, OR: Decision Research.
- Hohenemser, C., Goble, R. L., & Slovic, P. (1992). Nuclear power: Past and future. In Hollander, J. M. (Ed.), *The energy environment connection* (pp. 133–175). Washington, DC: Island Press.
- Kraus, N., Malmfors, T., & Slovic, P. (1992). Intuitive toxicology: Expert and lay judgments of chemical risks. *Risk Analysis*, *12*, 215–232. [Reprinted in *Comments on Toxicology*, *4*, 441–484, 1993; also in *Toxicologic Pathways*, *22*, 1994.]
- O'Brien, R. M., Burns, W. J., & Slovic, P. (1992). The effects of sampling on measures of association between variables based on sample means. *Quality & Quantity*, *26*, 409–425.
- Renn, O., Burns, W., Kasperson, J. X., Kasperson, R. E., & Slovic, P. (1992). The social amplification of risk: Theoretical foundations and empirical applications. *Journal of Social Issues*, *48*(4), 137–160.
- Slovic, P. (1992). Perception of risk: Reflections on the psychometric paradigm. In S. Krimsky & D. Golding (Eds.), *Social theories of risk* (pp. 117–152). New York, NY: Praeger.

**1991**

- Covello, V. T., Sandman, P. M., & Slovic, P. (1991). Guidelines for communicating information about chemical risks effectively and responsibly. In D.G. Mayo, & R.D. Hollander (Eds.), *Acceptable evidence: Science and values in risk management* (pp. 66–90). New York, NY: Oxford University Press.
- Goszczyńska, M., Tyszka, T., & Slovic, P. (1991). Risk perception in Poland: A comparison with three other countries. *Journal of Behavioral Decision Making*, *4*, 179–193.
- Slovic, P. (1991). Beyond numbers: A broader perspective on risk perception and risk communication. In D. G. Mayo & R. D. Hollander (Eds.), *Acceptable evidence: Science and values in risk management* (pp. 48–65). New York, NY: Oxford University Press.
- Slovic, P. (1991). [Commentary on “Asimolar and recombinant DNA: The end of the beginning” by Donald Fredrickson]. In K. E. Hanna (Ed.), *Biomedical Politics* (pp. 302–307). Washington, DC: National Academy Press.
- Slovic, P. (1991). Perceptions of risk: Paradox and challenge. In *Hazmat '91: Proceedings* (pp. 4-3–4-22). Evanston, IL: Northwestern University, Transportation Center.
- Slovic, P. Problems of policy implementation in distributed decision systems (Report No. 91-4). Eugene, OR: Decision Research.
- Slovic, P., & Flynn, J. (1991). Reply to Bassett and Hemphill. *Risk Analysis*, *11*, 701–702.
- Slovic, P., Flynn, J. H., Layman, M. (1991). Perceived risk, trust, and the politics of nuclear waste. *Science*, *254*, 1603–1607.
- Slovic, P., Kraus, N., Lappe, H., & Major, M. (1991). Risk perception of prescription drugs: Report on a survey in Canada. *Canadian Journal of Public Health*, *82*, S15–S20.
- Slovic, P., Layman, M., & Flynn, J. (1991). Risk perception, trust, and nuclear waste: Lessons from Yucca Mountain. *Environment*, *33*(3), 6–11, 28–30. [Expanded version published as Perceived risk, trust, and nuclear waste: Lessons from Yucca Mountain, in R. E. Dunlap, M. E. Kraft, & E. A. Rosa (Eds.), *Public reactions to nuclear waste: Citizens' views of repository siting* (pp. 64–86). Durham, NC: Duke University Press, 1993.]
- Slovic, P., Layman, M., Kraus, N., Flynn, J., Chalmers, J., & Gesell, G. (1991). Perceived risk, stigma, and potential economic impacts of a high-level nuclear waste repository in Nevada. *Risk Analysis*, *11*, 683–696.

**1990**

- Earle, T. C., Cvetkovich, G., & Slovic, P. (1990). The effects of involvement, relevance and ability on risk communication effectiveness. In K. Borcherding, O. I. Larichev, & D. M. Messick (Eds.), *Contemporary issues in decision making* (pp. 271–289). Amsterdam, Holland: Elsevier.
- Hohenemser, C., Goble, R. L., & Slovic, P. (1990). Institutional aspects of the future development of nuclear power. *Annual Review of Energy*, *15*, 173–200.
- Kunreuther, H., Easterling, D., Desvousges, W., & Slovic, P. (1990). Public attitudes toward siting a high-level nuclear waste repository in Nevada. *Risk Analysis*, *10*, 469–484.
- Lappe, H., Slovic, P., Kraus, N. N., Letzel, H., & Malmfors, T. (1990). Risk perception and communication of prescription drugs. In H.B.F. Gow & H. Otway (Eds.), *Communicating with the public about major accident hazards* (pp. 510–527). London, UK: Elsevier.
- Lichtenstein, S., Gregory, R., Slovic, P., & Wagenaar, W. (1990). When lives are in your hands: Dilemmas of the societal decision maker. In R.M. Hogarth (Ed.), *Insights in decision making: A tribute to Hillel J. Einhorn* (pp. 91–106). Chicago, IL: University of Chicago Press.
- Severson, H., Slovic, P., Hampson, S., & Schrader, L. (1990). Adolescent risk perception: A measure to further our understanding of tobacco and drug use. *Hygie*, *9*(2), 27–29.
- Slovic, P. (1990). Choice. In D. Osherson, N. Block, S. Kosslyn, & E. Smith (Eds.), *An invitation to cognitive science* (pp. 89–116). Cambridge, MA: Bradford/MIT Press.
- Slovic, P. (1990). The legitimacy of public perceptions of risk. *Journal of Pesticide Reform*, *10*(1), 13–15. [Reprinted in *Risk Management*, *39*(3), 45–58.]
- Slovic, P. (1990). Perception of risk: A paradox. New York Power Authority Annual Report for 1989, (pp. 10–11).
- Slovic, P. (1990). Perception of risk from radiation. In W. K. Sinclair (Ed.), *Proceedings of the Twenty-fifth Annual Meeting of the National Council on Radiation Protection and Measurements: No. 11. Radiation protection today—the NCRP at sixty years* (pp. 73–97). Bethesda, MD: NCRP.
- Slovic, P. (1990). A risk communication perspective on an integrated waste management strategy. In H. Kunreuther & R. Gowda (Eds.), *Integrating insurance and risk management for hazardous wastes* (pp. 195–216). Boston, MA: Kluwer. [Reprinted in T. Paddock & R. Patrick (Eds.), *Proceedings of the Fourth National Conference on Solid Waste Management* (pp. 313–340). Philadelphia, PA: Academy of Sciences, 1990.]
- Slovic, P., Griffin, D., & Tversky, A. (1990). Compatibility effects in judgment and choice. In R. M. Hogarth (Ed.), *Insights in decision making: A tribute to Hillel J. Einhorn* (pp. 5–27). Chicago, IL: University of Chicago Press. [Edited and condensed in T. Gilovich, D. Griffin, & D. Kahneman (Eds.), *Heuristics and biases: The psychology of intuitive judgment* (pp. 217–229). New York, NY: Cambridge University Press, 2002.]
- Slovic, P., Kraus, N., & Covelto, V. (1990). What *should* we know about making risk comparisons? *Risk Analysis*, *10*, 389–392.
- Slovic, P., Layman, M., & Flynn, J. (1990). *Images of a place and vacation preferences: Implications of the 1989 surveys for assessing the economic impacts of a nuclear waste repository in Nevada* (Report No. 90-3). Eugene, OR: Decision Research.
- Slovic, P., Layman, M., & Flynn, J. (1990). *What comes to mind when you hear the words “Nuclear waste repository”?* *A study of 10,000 images* (Report No. 90-6). Eugene, OR: Decision Research.
- Svenson, O., Edland, A., & Slovic, P. (1990). Choices and judgments of incompletely described decision alternatives under time pressure. *Acta Psychologica*, *75*, 153–169.
- Tversky, A., Slovic, P., & Kahneman, D. (1990). The causes of preference reversal. *American Economic Review*, *80*(1), 204–217.

**1989**

- Lichtenstein, S., MacGregor, D. G. & Slovic, P. (1989). Creating algorithms as an aid to judgment (Report No. 87-5) Eugene, OR: Decision Research.
- MacGregor, D. G., & Slovic, P. (1989). Perception of risk in automotive systems. *Human Factors*, *31*, 377–389.
- Offenbacher, E., & Slovic, P. (1989). Societal risk from a thermodynamic perspective. In J. J. Bonin & D. E. Stevenson (Eds.), *Risk assessment in setting national priorities* (pp. 119–134). New York, NY: Plenum.

- Slovic, P. (1989). Decision making under stress. [Testimony before the Committee on Armed Services, House of Representatives, U.S. Congress.] In *Iran Air Flight 655 Compensation Hearings* (pp. 193–217). Washington, DC: U.S. Government Printing Office.
- Slovic, P. (1989). *The perception and management of therapeutic risk* (CMR Annual Lecture, June 1989). Carshalton, UK: Centre for Medicines Research.
- Slovic, P., Kraus, N. N., Lappe, H., Letzel, H., & Malmfors, T. (1989). Risk perception of prescription drugs: Report on a survey in Sweden. *Pharmaceutical Medicine*, 4, 43–65. [Reprinted in B. Horisberger & R. Dinkel (Eds.), *The perception and management of drug safety risks* (pp. 90–111). Berlin, Germany: Springer-Verlag, 1989.]
- Slovic, P., Kraus, N. N., & Malmfors, T. (1989). The perception of chemical risks. In L. Ambrosi, E. Marmo, & G. Cantelli-Forti (Eds.), *La Riforma Medica: Proceedings of the VIIth Congress of the Italian Society of Toxicology*, 11/12.

## 1988

- Brown, T. C., & Slovic, P. (1988). Effects of context on economic measures of value. In G. Peterson, B. Driver, & R. Gregory (Eds.), *Amenity resource valuation: Integrating economics with other disciplines* (pp. 23–30). State College, PA: Venture.
- Covello, V. T., Sandman, P.M., & Slovic, P. (1988). *Risk communication, risk statistics, and risk comparisons: A manual for plant managers*. Washington, DC: Chemical Manufacturer's Association.
- Covello, V. T., Slovic, P., & von Winterfeldt, D. (1988). Disaster and crisis communications: Findings and implications for research and policy. In H. Jungermann, R. E. Kasperson, & P. M. Weidemann (Eds.), *Risk communication: Proceedings of the International Workshop on Risk Communication* (pp. 131–154). Jülich, Germany: Kernforschungsanlage.
- Engländer, T., Slovic, P., & Szabó, L. (1988). Izoláció és kockázatészlelés (Geographic isolation and societal risk perception). *Pszichológia*, 8, 333–351 (In Hungarian).
- Furby, L., Gregory, R., Slovic, P., & Fischhoff, B. (1988). Electric power transmission lines, property values, and compensation. *Journal of Environmental Management*, 27, 69–83.
- Furby, L., Slovic, P., Fischhoff, B., & Gregory, R. (1988). Public perceptions of electric power transmission lines. *Journal of Environmental Psychology*, 8, 19–43.
- Kasperson, R. E., Renn, O., Slovic, P., Brown, H. S., Emel, J., Goble, R., Kasperson, J. X., & Ratick, S. (1988). The social amplification of risk: A conceptual framework. *Risk Analysis*, 8, 177–187.
- Kraus, N. N., & Slovic, P. (1988). Taxonomic analysis of perceived risk: Modeling individual and group perceptions within homogeneous hazard domains. *Risk Analysis*, 8, 435–455.
- Kunreuther, H., Desvousges, W. H., & Slovic, P. (1988). Nevada's predicament: Public perceptions of risk from the proposed nuclear waste repository. *Environment*, 30(8), 16–20, 30–33.
- MacGregor, D. G., Lichtenstein, S., & Slovic, P. (1988). Structuring knowledge retrieval: An analysis of decomposed quantitative judgments. *Organizational Behavior and Human Decision Processes*, 42, 303–323.
- Malmfors, T., Slovic, P., Kraus, N., Wistrom, G., Lappe, H., & Letzel, H. (1988). Allmänhetens uppfattning av risker och läkemedelsbehandling (Public perceptions of risk from medicines). *Svensk Farmaceutisk Tidskrift*, 92(11), 31–37.
- Slovic, P. (1988). Risk perception. In C. C. Travis (Ed.), *Contemporary issues in risk analysis: Vol. 3. Carcinogen risk assessment* (pp. 171–181). New York, NY: Plenum.
- Slovic, P., Lichtenstein, S., & Fischhoff, B. (1988). Decision making. In R. C. Atkinson, R. J. Herrnstein, G. Lindzey, & R. D. Luce (Eds.), *Stevens' handbook of experimental psychology: Vol. 2. Learning and cognition* (2<sup>nd</sup> ed., pp. 673–738). New York, NY: Wiley.
- Teigen, K. H., Brun, W., & Slovic, P. (1988). Societal risks as seen by a Norwegian public. *Journal of Behavioral Decision Making*, 1, 111–130.
- Tversky, A., Sattath, S., & Slovic, P. (1988). Contingent weighting in judgment and choice. *Psychological Review*, 95, 371–384.

**1987**

- Fischhoff, B., Svenson, O., & Slovic, P. (1987). Active responses to environmental hazards: Perceptions and decision making. In D. Stokols & I. Altman (Eds.), *Handbook of environmental psychology* (Vol. 2, pp. 1089–1133). New York, NY: Wiley.
- Slovic, P. (1987). Forecasting the adverse economic impacts of a nuclear waste repository. *Proceedings of the 1987 Conference on Waste Management*. Tuscon: University of Arizona College of Engineering and Mines.
- Slovic, P. (1987). Perception of risk. *Science*, *236*, 280–285.
- Slovic, P. (1987). Ripples in a pond: Forecasting industrial crises. *Industrial Crisis Quarterly*, *1*, 34–43.
- Slovic, P. (1987). Kockázateszelés (Risk perception). *Pszichológia*, *7*, 455–468 (In Hungarian).
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1987). Behavioral decision theory perspectives on protective behavior. In N. D. Weinstein (Ed.), *Taking care: Understanding and encouraging self-protective behavior* (pp. 14–41). New York, NY: Cambridge University Press.
- Slovic, P., MacGregor, D. G., & Kraus, N. N. (1987). Perception of risk from automobile safety defects. *Accident Analysis and Prevention*, *19*, 359–373.

**1986**

- Covello, V. T., von Winterfeldt, D., & Slovic, P. (1986). Risk communication: A review of the literature. *Risk Abstracts*, *3*, 171–182.
- Engländer, T., Farago, K., Slovic, P., & Fischhoff, B. (1986). A comparative analysis of risk perception in Hungary and the United States. *Social Behaviour: An International Journal of Applied Social Psychology*, *1*, 55–66. [Reprinted in *Pszichológia* (Hungarian), *7*, 469–482, 1987.]
- Hoffman, P. J., Slovic, P., & Rorer, L. G. (1986). An analysis-of-variance model for the assessment of configural cue utilization in clinical judgment. In H. R. Arkes & K. R. Hammond (Eds.), *Judgment and decision making: An interdisciplinary reader*. New York, NY: Cambridge University Press. [Originally published in *Psychological Bulletin*, *69*, 338–349, 1968].
- Hohenemser, C., Goble, R., Kasperson, J. X., Kasperson, R. E., Kates, R. W., Collins, P., Goldman, A., Slovic, P., Fischhoff, B., Lichtenstein, S., & Layman, M. (1986). Methods for analyzing and comparing technological hazards. In V. T. Covello, J. Menkes, & J. Mumpower (Eds.), *Contemporary issues in risk analysis: Vol. I. Risk evaluation and management* (pp. 249–274). New York, NY: Plenum.
- Kunreuther, H., & Slovic, P. (1986). Decision making in hazard and resource management. In R. W. Kates & I. Burton (Eds.), *Geography, resources, and environment: Vol. II. Themes from the work of Gilbert F. White* (pp. 153–187). Chicago, IL: University of Chicago Press.
- MacGregor, D. G., & Slovic, P. (1986). Graphic representation of judgmental information. *Human-Computer Interaction*, *2*, 179–200.
- MacGregor, D. G., & Slovic, P. (1986). Perceived acceptability of risk analysis as a decision-making approach. *Risk Analysis*, *6*, 245–256.
- Slovic, P. (1986). Citation classic: P. Slovic, B. Fischhoff, and S. Lichtenstein, Behavioral decision theory. *Current Contents*, *18*(10), 20.
- Slovic, P. (1986). Information processing. *McGraw-Hill yearbook of science and technology* (pp. 249–251). New York, NY: McGraw-Hill.
- Slovic, P. (1986). Informing and educating the public about risk. *Risk Analysis*, *4*, 403–415. [Reprinted in P. Kleindorfer & H. Kunreuther (Eds.), *Insuring and managing hazardous risks: From Seveso to Bhopal and beyond* (pp. 307–332). New York, NY: Springer-Verlag, 1987].
- Slovic, P. (1986). Psychological study of human judgment: Implications for investment decision making. In H. R. Arkes & K. R. Hammond (Eds.), *Judgment and decision making: An interdisciplinary reader*. New York, NY: Cambridge University Press. [Originally published in *Journal of Finance*, *27*, 779–799, 1972.]
- Slovic, P. (1986). [Review of *The psychological effects of nuclear war*.] *British Journal of Mathematical and Statistical Psychology*, *39*, 126–127.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1986). The psychometric study of risk perception. In V. R. Covello, J. Menkes, & J. Mumpower (Eds.), *Risk evaluation and management* (pp. 3–24). New York, NY: Plenum.

**1985**

- Morgan, M. G., Slovic, P., Nair, I., Geisler, D., MacGregor, D. G., Fischhoff, B., Lincoln, D., & Florig, K. (1985). Powerline frequency electric and magnetic fields: A pilot study of risk perception. *Risk Analysis*, 5, 139–149.
- Slovic, P. (1985, January 30). Only new laws will spur seat-belt use [Editorial]. *Wall Street Journal*.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1985). Characterizing perceived risk. In R. W. Kates, C. Hohenemser, & J. X. Kasperson (Eds.), *Perilous progress: Technology as hazard* (pp. 91–123). Boulder, CO: Westview Press.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1985). Regulation of risk: A psychological perspective. In R. G. Noll (Ed.), *Regulatory policy and the social sciences* (pp. 241–278). Berkeley: University of California Press.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1985). Rating the risks. In V. T. Covello, J. L. Mumpower, P. J. M. Stallen & V. R. R. Uppuluri (Eds.), *Environmental impact assessment, technology assessment, and risk analysis: Contributions from the psychological and decision sciences* (pp. 131–156). Berlin, Germany: Springer-Verlag. Originally published in *Environment*, 21(3), 14–20, 36–39, 1979; and reprinted in *Chemtek*, 9, 738–744; *Electrical Perspectives*, 1979; in Y. Y. Haimes (Ed.), *Risk/Benefit analysis in water resources planning and management*. New York, NY: Plenum, 1981; C. Hohenemser & J. X. Kasperson (Eds.), *Risk in the technological society*. Boulder, CO: Westview Press, 1982; National Science Foundation, *Proceedings of the first U.S.-Japan workshop on risk management*. Tsukuba, Japan, October, 1984.]

**1984**

- Fischhoff, B., Slovic, P., Page, R. T., & Maclean, D. (1984). Nuclear power: Time for detente [Editorial]. *Risk Analysis*, 4, 153.
- Keown, C., Slovic, P., & Lichtenstein, S. (1984). Attitudes of physicians, pharmacists, and laypersons toward seriousness and need for disclosure of prescription drug side effects. *Health Psychology*, 3, 1–11.
- Keown, C., Slovic, P., & Lichtenstein, S. (1984). Influence of information about side effects on perceived risk of prescription drugs. *Health Marketing Quarterly*, 1(2/3), 111–123.
- Slovic, P. (1984). Risk theory: Conceptual frames for understanding risk taking in young drivers. In R. Blackman et al. (Eds.), *Proceedings of a conference on adolescent risk taking behavior* (pp. 17–25). Vancouver, BC: Friends of the McCreary Centre Society.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1984). Behavioral decision theory perspectives on risk and safety. *Acta Psychologica*, 56, 183–203.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1984). Perception and acceptability of risk from energy systems. In W. R. Freudenburg & E. A. Rosa (Eds.), *Public reaction to nuclear power: Are there critical masses?* (pp. 115–135). Boulder, CO: Westview Press, [Originally published in A. Baum & J. E. Singer (Eds.), *Advances in environmental psychology* (Vol. 3, pp. 157–169). Hillsdale, NJ: Erlbaum, 1981.]
- Slovic, P., Lichtenstein, S., & Fischhoff, B. (1984). Modeling the societal impact of fatal accidents. *Management Science*, 30, 464–474.

**1983**

- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1983). Judging the health risks of energy systems. In C. Travis & E. L. Etnier (Eds.), *Health risks associated with energy systems*. Boulder, CO: Westview Press.
- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1983). The “public” vs. the “experts”: Perceived vs. actual disagreements about the risks of nuclear power. In V. Covello, G. Flamm, J. Rodericks, & R. Tardiff (Eds.), *Analysis of actual vs. perceived risks* (pp. 235–249). New York, NY: Plenum.
- Hohenemser, C., Kates, R. W., & Slovic, P. (1983). The nature of technological hazard. *Science*, 220, 378–384. [Reprinted in R. W. Kates, C. Hohenemser, & J. X. Kasperson (Eds.), *Perilous progress: Technology as hazard*. Boulder, CO: Westview Press, 1985.]
- Slovic, P., & Fischhoff, B. (1983). How safe is safe enough? Determinants of perceived and acceptable risk. In L. C. Gould & C. A. Walker (Eds.), *Too hot to handle: Public policy issues in nuclear waste management* (pp. 112–150). New Haven, CT: Yale University Press. [Originally published in C. Pollitt et al. (Eds.), *Public policy in theory and practice*. Seven Oaks, UK: Hadder and Stoughton, 1979. Reprinted in J. Dowie (Ed.), *Risk and chance*. Milton Keynes, UK: The Open University, 1979.]
- Slovic, P., & Fischhoff, B. (1983). Targeting risks [Comments on “The theory of risk homeostasis: Implications for safety and health”]. *Risk Analysis*, 2, 231–238.



Slovic, P., & Lichtenstein, S. (1983). Preference reversals: A broader perspective. *American Economic Review*, 73, 596–605.

## 1982

Fischhoff, B., Slovic, P., & Lichtenstein, S. (1982). Lay foibles and expert fables in judgments about risk. *American Statistician*, 1982, 36, 240–255. [Originally published in T. O’Riordan & R. K. Turner (Eds.), *Progress in resource management and environmental planning* (Vol. 3, pp. 161–202). Chichester, UK: Wiley, 1983.]

Schwalm, N. D., & Slovic, P. (1982, March). *Development and test of a motivational approach and materials for increasing use of seat belts* (Technical Report PFTR-1100-82-3). Woodland Hills, CA: Perceptronics, Inc.

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1982). Response mode, framing, and information processing effects in risk assessment. In R.M. Hogarth (Ed.), *New directions for methodology of social and behavioral science: The framing of questions and the consistency of response* (pp. 21–36). San Francisco, CA: Jossey-Bass.

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1982). Why study risk perception? *Risk Analysis*, 2, 83–93.

## 1981

Hoffman, P. J., Earle, T. C., & Slovic, P. (1981). Multidimensional functional learning (MFL) and some new conceptions of feedback. *Organizational Behavior and Human Performance*, 27, 75–102.

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1981). Perceived risk: Psychological factors and social implications. In F. Warner & D. H. Slater (Eds.), *The assessment and perception of risk* (pp. 17–34). London, UK: The Royal Society.

## 1980

Brehmer, B., & Slovic, P. (1980). Information integration in multiple-cue judgments. *Journal of Experimental Psychology: Human Perception and Performance*, 6, 302–308.

Fischhoff, B., Lichtenstein, S., Slovic, P., Keeney, R., & Derby, S. (1980). *Approaches to acceptable risk: A critical guide* (Report No. NUREG/CR 1614). Washington, DC: The U.S. Nuclear Regulatory Commission.

Fischhoff, B., & Slovic, P. (1980). A little learning... : Confidence in multicue judgment. In R. Nickerson (Ed.), *Attention and Performance, VIII* (pp. 779–800). Hillsdale, NJ: Erlbaum.

Fischhoff, B., Slovic, P., & Lichtenstein, S. (1980). Knowing what you want: Measuring labile values. In T. Wallsten (Ed.), *Cognitive processes in choice and decision behavior* (pp. 117–141). Hillsdale, NJ: Erlbaum. [Abbreviated versions appear as: Labile values: A challenge for risk assessment. In J. Conrad (Ed.), *Society, technology, and risk assessment*. London, UK: Academic, 1980; also as Poorly thought-out values: Problems of measurement. In W. D. Conn (Ed.), *Energy and material resources: Attitudes, values and public policy*. Boulder, CO: Westview Press, 1983.]

Slovic, P. (1980). Citation classic: P. Slovic and S. Lichtenstein, Comparison of Bayesian and regression approaches to the study of information processing in judgment. *Current Contents*, 12(28), 12.

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Facts and fears: Understanding perceived risk. In R. Schwing & W.A. Albers, Jr. (Eds.), *Societal risk assessment: How safe is safe enough?* (pp. 181–214). New York, NY: Plenum. [Revision in D. Kahneman, P. Slovic, & A. Tversky (Eds.), *Judgment under uncertainty: Heuristics and biases*. New York, NY: Cambridge University Press, 1982; in F. Farley & C. H. Null (Eds.), *Using psychological science: Making the public case*. Washington, DC: Federation of Behavioral, Psychological and Cognitive Sciences, 1987.]

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Facts vs. fears: Perceived risks and opposition to nuclear energy. *Proceedings of the Colloquium on the Risks of Different Energy Sources, Sponsored by the French Nuclear Energy Society*. Saint-Etienne, France: Gedim. [Reprinted as: Psychological aspects of risk perception. In D. Sills, C. P. Wolf, & V. Shelanski (Eds.), *The accident at Three Mile Island: The human dimensions*. Boulder, CO: Westview Press, 1982.]

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Informing people about risk. In L. Morris, M. Mazis, & I. Barofsky (Eds.), *Product labeling and health risks* (Report No. 6). Cold Spring Harbor, NY: The Banbury Center.

Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Informing the public about the risks from ionizing radiation. In *Proceedings of the public meeting on a proposed federal radiation agenda*. Bethesda, MD: National Institute of Health. [Also in *Health Physics*, 41, 589–598, 1981, and in H. R. Arkes & K. R. Hammond (Eds.), *Judgment and decision making: An interdisciplinary reader*. New York, NY: Cambridge University Press, 1986.]

- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Perceived risk and quantitative safety goals for nuclear power. *Transactions of the American Nuclear Society*, *35*, 400–401.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1980). Risky assumptions. *Psychology Today*, *14*(1), 44–48.

### 1979

- Combs, B., & Slovic, P. (1979). Newspaper coverage of causes of death. *Journalism Quarterly*, *56*, 837–843, 849.
- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1979). Subjective sensitivity analysis. *Organizational Behavior and Human Performance*, *23*, 339–359.
- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1979). Weighing the risks: Which risks are acceptable? *Environment*, *21*(4), 17–20, 32–38. [Reprinted in R. W. Kates, C. Hohenemser, & J. X. Kasperson (Eds.), *Perilous progress: Technology as hazard*. Boulder, CO: Westview Press, 1985.]
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1979, July). Risk assessment: Technical and behavioral issues. In *Risk/Benefit analysis in the legislative process* (Joint Hearings before the Committee on Science and Technology, U.S. House of Representatives and the Committee on Commerce, Science and Transportation, U.S. Senate, pp. 133–188). Washington, DC: Government Printing Office.
- Slovic, P., Lichtenstein, S., & Fischhoff, B. (1979). Images of disaster: Perception and acceptance of risks from nuclear power. In G. Goodman & W. Rowe (Eds.), *Energy risk management* (pp. 223–245). London, UK: Academic. [Reprinted in the *Proceedings of the Fifteenth Annual Meeting of the National Conference on Radiation Protection and Measurements*, Washington, DC, March 1980; and in the *Japanese Journal of Clinical Radiology*, 1983.]

### 1978

- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1978). Fault trees: Sensitivity of assessed failure probabilities to problem representation. *Journal of Experimental Psychology: Human Perceptions and Performance*, *4*, 330–344.
- Fischhoff, B., Slovic, P., Lichtenstein, S., Read, S., & Combs, B. (1978). How safe is safe enough? A psychometric study of attitudes towards technological risks and benefits. *Policy Sciences*, *9*, 127–152.
- Goodman, B., Fischhoff, B., Lichtenstein, S., & Slovic, P. (1978). *The training of decision making: Report of a conference* (ARI Technical Report RT-78-B3). Washington, DC: U.S. Army Research Institute for the Behavioral and Social Sciences.
- Kunreuther, H., & Slovic, P. (1978). Economics, psychology and protective behavior. *American Economic Review*, *68*, 64–69.
- Lichtenstein, S., Slovic, P., Fischhoff, B., Layman, M., & Combs, B. (1978). Judged frequency of lethal events. *Journal of Experimental Psychology: Human Learning and Memory*, *4*, 551–578.
- Slovic, P. (1978). Judgment, choice and societal risk taking. In K. R. Hammond (Ed.), *Judgment and decision in public policy formulation* (AAAS Selected Symposium Series, pp. 98–111). Boulder, CO: Westview Press.
- Slovic, P. (1978). The psychology of protective behavior. *Journal of Safety Research*, *10*, 58–68.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1978). Accident probabilities and seat belt usage: A psychological perspective. *Accident Analysis and Prevention*, *10*, 281–285.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1978). Laboratory studies of insurance behavior. In H. Kunreuther et al. (Eds.), *Disaster insurance protection: Public policy lessons*. New York, NY: Wiley.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1978). Risk assessment: Basic issues. In R. W. Kates (Ed.), *Managing technological hazard: Research needs and opportunities* (Monograph Series on Technology, Government and Man). Boulder: University of Colorado, Institute of Behavioral Science.

### 1976–1977

- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1977, March). Behavioral aspects of cost-benefit analysis. *Proceedings of a Workshop on the Measurement of Intangible Environmental Impacts* (pp. 3–21–3–33). Richland, WA: Sigma Research, Inc.
- Fischhoff, B., Slovic, P., & Lichtenstein, S. (1977). Knowing with certainty: The appropriateness of extreme confidence. *Journal of Experimental Psychology: Human Perception and Performance*, *3*, 552–564. [Reprinted in H. R. Arkes & K. R. Hammond (Eds.), *Judgment and decision making: An interdisciplinary reader*. New York, NY: Cambridge University Press, 1986.]

- Lyon, D., & Slovic, P. (1976). Dominance of accuracy information and neglect of base rates in probability estimation. *Acta Psychologica, 40*, 287–298.
- Slovic, P. (1976, October). Psychological determinants of perceived and acceptable risk: Implications for nuclear waste management. *Proceedings of the Conference on "Public Policy Issues in Nuclear Waste Management."* Chicago, IL: Edited by Harrison Associates, Washington, DC. (NTIS #PB 268181/ AS[A17])
- Slovic, P. (1976). Toward understanding and improving decisions. In E. I. Salkovitz (Ed.), *Science, technology, and the modern Navy: Thirtieth anniversary 1946–1976* (pp. 220–240). Arlington, VA: Office of Naval Research. [Reprinted in *Descriptive studies of multi-criteria decision making: Collected papers* (Issue 9). Moscow, Russia: The Institute for Systems Studies, 1980 (in Russian). Revised version in W. C. Howell & E. A. Fleishman (Eds.), *Human performance and productivity: Vol. 2. Information processing and decision making*. Hillsdale, NJ: Erlbaum, 1982.]
- Slovic, P., & Fischhoff, B. (1977). On the psychology of experimental surprises. *Journal of Experimental Psychology: Human Perception and Performance, 3*, 544–551.
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1976). Cognitive processes and societal risk taking. In J. S. Carroll & J. W. Payne (Eds.), *Cognition and social behavior* (pp. 165–184). Potomac, MD: Erlbaum. [Reprinted in H. Jungermann & G. De Zeeuw (Eds.), *Decision making and change in human affairs* (pp. 7–36). The Netherlands: Dordrecht, 1977.]
- Slovic, P., Fischhoff, B., & Lichtenstein, S. (1977). Behavioral decision theory. *Annual Review of Psychology, 28*, 1–39.
- Slovic, P., Fischhoff, B., Lichtenstein, S., Corrigan, B., & Combs, B. (1977). Preference for insuring against probable small losses: Insurance implications. *Journal of Risk and Insurance, 44*, 237–258.

### **1974–1975**

- Lichtenstein, S., Earle, T., & Slovic, P. (1975). Cue utilization in a numerical prediction task. *Journal of Experimental Psychology: Human Perception and Performance, 104*, 77–85.
- Slovic, P. (1974). Hypothesis testing in the learning of positive and negative linear functions. *Organizational Behavior and Human Performance, 11*, 368–376.
- Slovic, P. (1975). Choice between equally valued alternatives. *Journal of Experimental Psychology: Human Perception and Performance, 1*, 280–287.
- Slovic, P., Kunreuther, H., & White, G. F. (1974). Decision processes, rationality and adjustment to natural hazards. In G. F. White (Ed.), *Natural hazards, local, national and global* (pp. 187–205). New York, NY: Oxford University Press.
- Slovic, P., & MacPhillamy, D. J. (1974). Dimensional commensurability and cue utilization in comparative judgment. *Organizational Behavior and Human Performance, 11*, 172–194.
- Slovic, P., & Tversky, A. (1974). Who accepts Savage's axiom? *Behavioral Science, 19*, 368–373.

### **1972–1973**

- Lichtenstein, S., & Slovic, P. (1973). Response-induced reversals of preference in gambling: An extended replication in Las Vegas. *Journal of Experimental Psychology, 101*, 16–20.
- Slovic, P. (1972). From Shakespeare to Simon: Speculation and some evidence about man's ability to process information. *Oregon Research Institute Research Monograph, 12*(2).
- Slovic, P. (1972). Information processing, situation specificity, and the generality of risk-taking behavior. *Journal of Personality and Social Psychology, 22*, 128–134.
- Slovic, P. (1972). Psychological study of human judgment: Implications for investment decision making. *The Journal of Finance, 27*, 779–799. [Reprinted in *The Journal of Psychology and Financial Markets, 2*, 160–172, 2001.]
- Slovic, P., Fleissner, D., & Bauman, W. S. (1972). Analyzing the use of information in investment decision making: A methodological proposal. *Journal of Business, 45*, 283–301.

### **1962–1971**

- Edwards, W., & Slovic, P. (1965). Seeking information to reduce the risk of decisions. *American Journal of Psychology, 78*, 188–197.

- Goldberg, L. R., & Slovic, P. (1967). Importance of test item content: An analysis of a corollary of the deviation hypothesis. *Journal of Counseling Psychology, 14*, 462–472.
- Lichtenstein, S., Slovic, P., & Zink, D. (1969). Effect of instruction in expected value on optimality of gambling decisions. *Journal of Experimental Psychology, 79*, 236–240.
- Lichtenstein, S., & Slovic, P. (1971). Reversals of preference between bids and choices in gambling decisions. *Journal of Experimental Psychology, 89*, 46–55.
- Morrison, H. W., & Slovic, P. (1962). *Effects of context on relative judgments of area*. Paper presented at the meeting of the Eastern Psychological Association, Atlantic City, NJ. [Also in IBM Research Note NC-104, Watson Research Center, 1962.]
- Rorer, L. G., Hoffman, P. J., Dickman, H.D., & Slovic, P. (1967). Configural judgments revealed. *Proceedings of the 75th Annual Convention of the American Psychological Association, 2*, 195–196.
- Rorer, L. G., & Slovic, P. (1966). The measurement of changes in judgmental strategy. *American Psychologist, 21*, 641–642.
- Slovic, P. (1962). Convergent validation of risk-taking measures. *Journal of Abnormal and Social Psychology, 65*, 68–71.
- Slovic, P. (1964). Assessment of risk taking behavior. *Psychological Bulletin, 61*, 220–233.
- Slovic, P. (1966). Cue consistency and cue utilization in judgment. *American Journal of Psychology, 79*, 427–434.
- Slovic, P. (1966). Risk-taking in children: Age and sex differences. *Child Development, 37*, 169–176.
- Slovic, P. (1966). Value as a determiner of subjective probability. *IEEE Transactions on Human Factors in Electronics, HFE-7*, 22–28.
- Slovic, P. (1967). Influence of response mode upon the relative importance of probabilities and payoffs in risk taking. *Proceedings of the 75th Annual Convention of the American Psychological Association, 2*, 33–34.
- Slovic, P. (1967). The relative influence of probabilities and payoffs upon the perceived risk of a gamble. *Psychonomic Science, 9*, 223–224.
- Slovic, P. (1969). Analyzing the expert judge: A descriptive study of a stockbroker's decision processes. *Journal of Applied Psychology, 53*, 255–263.
- Slovic, P. (1969). Differential effects of real vs. hypothetical payoffs upon choices among gambles. *Journal of Experimental Psychology, 80*, 434–437.
- Slovic, P. (1969). Manipulating the attractiveness of a gamble without changing its expected value. *Journal of Experimental Psychology, 79*, 139–145.
- Slovic, P. (1971). Limitations of the mind of man: Implications for decision making in the nuclear age. *Oregon Research Institute Research Bulletin, 2*(17). [Also in H. J. Otway (Ed.), *Risk vs. Benefit: Solution or Dream?* (Report No. LA-4861-MS). Los Alamos, NM: Los Alamos Scientific Laboratory, 1972.]
- Slovic, P., & Lichtenstein, S. (1968). The importance of variance preferences in gambling decisions. *Journal of Experimental Psychology, 78*, 646–654.
- Slovic, P., & Lichtenstein, S. (1968). Relative importance of probabilities and payoffs in risk taking. *Journal of Experimental Psychology Monograph, 78*(3, Pt. 2), 1–18.
- Slovic, P., & Lichtenstein, S. (1971). Comparison of Bayesian and regression approaches to the study of information processing in judgment. *Organizational Behavior and Human Performance, 6*, 649–744. [Reprinted in L. Rappoport & D.A. Summers (Eds.), *Human judgment and social interaction*. New York, NY: Holt, 1973.]
- Slovic, P., Lichtenstein, S., & Edwards, W. (1965). Boredom-induced changes in preferences among bets. *American Journal of Psychology, 78*, 208–217.
- Slovic, P., Rorer, L. G., & Hoffman, P. J. (1971). Analyzing use of diagnostic signs. *Investigative Radiology, 6*, 18–26.
- Slovic, P., Weinstein, M. S., & Lichtenstein, S. (1967). Sex differences in the risks a person selects for himself and the risks he selects for someone else. *Oregon Research Institute Research Bulletin, 7*(10).