

## VITA

### WILLIAM H. DUTTON

Professor, School of Communication  
The Annenberg School for Communication  
University of Southern California  
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### ACADEMIC POSITIONS HELD

- 1972-73      Instructor, Department of Political Science, State University of New York at Buffalo
- 1973-74      Assistant Professor, Department of Political Science, University of South Florida, Tampa
- 1974-78      Assistant Research Political Scientist, Public Policy Research Organization (PPRO), University of California, Irvine
- 1978-80      Associate Professor, School of Public Administration and Urban Studies, San Diego State University
- 1980-82      Associate Professor, The Annenberg School for Communication, USC
- 1983-89      Associate Professor (with tenure), The Annenberg School for Communication, USC
- 1990-        Professor, The Annenberg School for Communication, USC (with a joint courtesy appointment in USC's School of Policy, Planning, and Development)

### VISITING AND TEMPORARY APPOINTMENTS

- 1979-82      Visiting Research Political Scientist, PPRO, UC Irvine
- 1986-87      Fulbright Scholar and Visiting Professor, Department of Human Sciences, Brunel University, UK
- 1993-95      National Director, Programme on Information and Communication Technology (PICT), Economic and Social Research Council of Britain and Visiting Professor, Department of Human Sciences, Brunel University, May 1993-September 1995.

### EDUCATION

- B.A.    University of Missouri at Columbia, Political Science with Honors (1969)
- M.A.    State University of New York (SUNY) at Buffalo, Political Science (1971)
- Ph.D.   SUNY at Buffalo, Political Science (1974)

## HONORS, AWARDS AND FELLOWSHIPS

|         |                                                                                                                       |
|---------|-----------------------------------------------------------------------------------------------------------------------|
| 1968    | Congressional Internship, Congressman Richard McCarthy                                                                |
| 1969    | Honorable Mention, Woodrow Wilson Fellowship                                                                          |
| 1969-72 | N.D.E.A. Title IV Fellowship                                                                                          |
| 1986-87 | Fulbright Scholar, United Kingdom                                                                                     |
| 1992    | Phi Kappa Phi Research Mentorship Award                                                                               |
| 2000    | Professor of the Year Award, Gamma Sigma Alpha Honor Society                                                          |
| 2001    | USC Academic Senate Medallion for outstanding leadership and dedicated service as President of the Faculty, 2000-2001 |

## EDITOR, REFEREE

Editor: *Information, Communication and Society* (iCS), an international journal for the information age, published by Routledge (1997- ).

North American Editor: *Prometheus: The Journal of Issues in Technological Change, Innovation, Information Economics, Communications and Science Policy* (1997- )

Associate Editor: Communications and Organizational Impact Studies, *Social Science Computer Review* (1986- ).

Editorial Boards: *American Communication Journal* (1997- ); *Informatization and the Public Sector* (1990-95); *Information & Management* (1980-1995); *Computers and the Social Sciences* (1984-86); *Journal of Communication*(1991-1996); *Prometheus* (1996); *Social Science Microcomputer Review* (1984-86); *The Urban Interest* (1979-1983).

Referee: *Administration and Society*; *American Politics Quarterly*; Cambridge University Press, Columbia University Press; Communication Monographs; *Communication Research*; *Communications of the ACM*; *Information, Communication and Society* (iCS), *International City Management Association*; *IEEE Technology and Society Magazine*; *Informatization and the Public Sector*; *The Information Society*; *Journal of Communication*; *Journal of Urban Affairs*; *Management Communications Quarterly*; *Management Science*; National Science Foundation; Oxford University Press; *Policy Studies Journal*; *Polity*; *Prometheus*, Routledge; Sage; *Social Problems*; *Social Science Computer Review*; *Telecommunications Policy*; University of California Press.

## TEACHING AND RESEARCH INTERESTS

*Communication and Technology*: social and political aspects of information and communication technologies (ICTs), focusing on the role of ICTs in reshaping access within such institutions as government, politics, education, and households.

*Communications Policy*: cross-national perspectives, focusing on the US in comparison with the UK, France and Japan.

## **TEACHING EXPERIENCE**

### *Communication*

Nature and Impact of Communication (USC); Communication Technology and Social Change (USC, Brunel); Pro-Seminar in Communication Management (USC); Social Dynamics of Communication Technology (USC); Communication Policy (USC); Comparative Communications (USC); Communications and Governance (USC).

### *Methods of Inquiry*

Learning from Case Studies in Communication (USC); Political Statistics (SUNY); Survey Research (UC Irvine and USC).

## **RESEARCH GRANTS (Principal Investigator or Director)**

- |         |                                                                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1972    | Dissertation grant from the Research Foundation, State University of New York at Buffalo. \$2,500.                                                                                                                          |
| 1974    | Principal Investigator, 'Evaluation of Homemaker Services for Aged, Blind and Disabled Assistance Recipients,' supported by a grant from the Florida Division of Family Services. \$40,000.                                 |
| 1975-8  | Co-Principal Investigator, 'Evaluation of Information Technology in Local Government (URBIS),' supported by a grant from the Research Applied to National Needs Division of the National Science Foundation. \$1.2 million. |
| 1979-82 | 'Fiscal Impact Budgeting Systems: A Behavioral Assessment,' supported by a grant from the Applied Science and Research Division of the National Science Foundation. \$200,000.                                              |
| 1981-82 | 'Organizational Impacts of Video Teleconferencing: A Pilot Study,' supported by a grant from the Information Impacts Program of the National Science Foundation. \$35,000.                                                  |
| 1983    | 'Social Implications of Communication Technology,' developed proposal for a series of forums for the Washington Program of the Annenberg Schools for Communication.                                                         |

- 1984-85 'Public Opinion and Government Information Technology,' supported by a contract from the Office of Technology Assessment, U.S. \$10,000.
- 1985-87 'Wired Cities of Japan and the United States,' supported by a grant from the Tokyu Corporation, Japan.
- 1985-87 'Cross-National Comparative Analysis of Advanced Wired Cities,' supported by a grant from the Cooperative Science Program of the National Science Foundation (INT-8414059) and the French National Center for Scientific Research. \$13,000.
- 1987 Interfoundation grant from the Franco-American Commission for Educational Exchange to lecture at University of Paris I and the École Supérieure de Commerce de Paris.
- 1989-90 'Development of Integrated Broadband Networks and Services: U.S.-Japan Cooperative Research,' supported by Fujitsu America.
- 1991 'State and Local Government Innovations in Electronic Services.' Project supported by a contract from the Office of Technology Assessment, U.S. Congress. \$3,000.
- 1990-92 'The Future of Communications: Comparative Visions in Japan and the United States,' supported by a series of grants from the Fujitsu Research Institute, Fujitsu Limited, Japan. \$ 100,000.
- 1992 'Electronic Service Delivery and the Inner City', a community workshop held on September 15, 1992 in Los Angeles, which was organized and held for the Office of Technology Assessment, U.S. Congress. \$6,000.
- 1993-95 National Director of PICT, supported by grants from the UK's Economic and Social Research Council (ESRC). £8 million (1985-95).
- 1995-97 PICT Programme Director Award (L109011003), Brunel University, supported by the UK's ESRC to complete PICT synthesis.
- 1997-98 'Internet Connectivity', supported by the National Library of Medicine (NLM), with comparable contracts to USC (\$25,000) and Brunel University in London, to study the technical and social aspects of international networking.
- 1998-99 'Internet Connectivity: Phase II', supported by the NLM to extend the methodologies developed in Phase I.

- 1998-99 Investigator in planning grant to the Advanced BioTelecommunications and BioInformatics Center at USC, entitled 'Informatics for the National Heart Attach Alert Program', supported by the NLM.
- 2000 'Connecting the Times and the Tribune', an Annenberg Research Forum and Project on the Tribune Company's acquisition of Times Mirror. Organized 29 June 2000 forum and subsequent forum discussion paper.
- 2000 Developed the proposal for a new multi-year research programme for the UK's Economic and Social Research Council (ESRC), entitled 'The e-Society: Understanding the Restructuring of Practices and Institutions in the Digital Age', which was supported by the ESRC.
- 2001 'The Changing Geography of the Classroom', a mini-grant supported by the Provost's Urban Initiatives Project on Technology, Society and Space.

## PUBLICATIONS

### *Books*

Kenneth L. Kraemer, William H. Dutton, and Alana Northrop. *The Management of Information Systems*. New York: Columbia University Press, 1981.

Reviewed by Jon Turner in *Knowledge*, Vol. 4, No. 3, (1982), 445-447; by Eric J. Novotny in *Journal of Communications*, Vol. 32, No. 2 (Spring, 1982), 215-17; by David Weimer in the *American Political Science Review*, Vol. 76 (1982), 143-44; by Richard Bingham in *Urban Affairs Quarterly*, Vol. 20, No. 2 (1984), 265-72; and previewed by Brad Shultz in *Computer World*, January 29, February 12, March 5 and April 9, 1979.

James N. Danziger, William H. Dutton, Rob Kling and Kenneth L. Kraemer. *Computers and Politics: High Technology in American Local Governments*. New York: Columbia University Press, 1982. Issued in paperback, 1983.

Previewed by Brad Shultz in *Computer World*, March 30, April 6, 13, 20, 27 and May 4, 1981. Reviewed by Michael Cohen in *Knowledge*, Vol. 4, No. 3 (1983); by Jack R. Van der Slik in the *American Political Science Review*, Vol. 77, No. 3 (1983), 755-56; by Eric Novotny in *Computing Reviews*, Vol. 24, No. 1 (January, 1983), 40-41; by Martin Greenberger in the *American Journal of Sociology*, Vol. 89, No. 3 (November, 1983); by Gerald Benjamin in *Political Science Quarterly*, Vol. 98, No. 4 (1983), 730-31; and by Richard D. Bingham in *Urban Affairs Quarterly*, Vol. 20,

No. 2 (1984), 265-272.

William H. Dutton and Kenneth L. Kraemer. *Modeling as Negotiating: The Political Dynamics of Computer Models in the Policy Process*. Norwood, NJ: Ablex Publishing Corporation, 1985.

Reviewed by Richard DeLeon in the *American Political Science Review*, Vol. 80, No. 1 (1986), 313-314; in *Future Survey*, Vol. 7, No. 8 (August, 1985); in *Sage Public Policy Abstracts* (1986), 231; by Judith Innes de Neufville in the *Journal of the American Planning Association* (Autumn, 1986), 512-13; by Robert H. Nelson in the *Journal of Policy Analysis and Management*, Vol. 6, No. 2 (Winter, 1987), 276-77; by Thomas F. Carney in the *Journal of Communications*, Vol. 37, No. 2 (Spring, 1987), 162-165.

William H. Dutton, Jay G. Blumler and Kenneth L. Kraemer, editors and contributors. *Wired Cities: Shaping the Future of Communications*. Boston: G.K. Hall, 1987. Issued in paperback, 1987.

Reviewed by David Ross in *SCAG Telecommunity* (August/September, 1987), 4; in *CTIC CableReports*, September 30, 1987; by Norman Stevens in the *WilsonLibrary Bulletin* (November, 1987), 75-76 and in the *Journal of Academic Librarianship* (March, 1988), 55; in *Intermedia*, Vol. 15, No. 6 (November, 1987), 46; by Michael D. Murray in the *Journal of Communications*, Vol. 38, No. 2 (Spring, 1988), 175-178; by John P. Freeman in *Journalism Quarterly*, (1988), pp. 540-41; by Mary Kelly in the *European Journal of Communication*, Vol. 3, No. 4 (December, 1988), 483-490; in the *Revue Française de Science Politique*, Vol. 39, No. 1 (Février, 1989): 95-96; by Martin C.J. Elton in the *Social Science Computer Review*, forthcoming.

William H. Dutton, editor. *Information and Communication Technologies — Visions and Realities*, with the assistance of Malcolm Peltu. Oxford and New York: Oxford University Press, 1996.

Reviewed by Thierry Vedel in *Communications & Strategies*, Vol. 27, No. 3 (1997), 175-176; Frank Webster in *European Journal of Communication*, Vol. 12, No. 3 (1997), 403-406; Colin Scott, 'Old Fingers on Very New Buttons', *The Times Higher Education Supplement*, 22 May 1998, 24; Donald Case in *Information, Communication and Society*, Vol. 1, No. 3 (Autumn 1998), 344-347; Niall Hayes in *Organization* Vol. 5, No. 4, (1998), 630-633.

Translation: Japanese language translation of *Information and Communication Technologies* as a four volume set by Fujitsu Books, Tokyo, Japan, in cooperation

with Oxford University Press, published in 1998.

Herbert Kubicek, William Dutton, and Robin Williams, editors. *The Social Shaping of the Information Superhighway: European and American Roads to the Information Society*. Campus and St. Martin's Press, 1997.

Reviewed by David Anderson in *Information, Communication and Society*, Vol. 1, No. 3 (Autumn 1998), 349-51; by Pascal Verhoest in *Telecommunications Policy*, Vol. 23, No. 6, (1999), pp. Forthcoming.

William H. Dutton. *Society on the Line: Information Politics in the Digital Age*. Oxford and New York: Oxford University Press, 1999.

Reviewed by Thierry Vedel in *Communication Strategies*, 37, 1<sup>st</sup> Quarter (2000), pp. 183-84; by Majid Tehranian in *Information, Communication and Society*, Vol. 3, No. 2 (2000), pp. 268-271; by Christopher Sterling in *Info: The Journal of Policy, Regulation and Strategy for Telecommunications, Information and Media* (Cambridge, UK: Camford Publishing), Vol. 2, No. 3, June (2000), pp. 330-31.

Translations: Italian and Japanese editions are in progress.

William H. Dutton and Brian D. Loader, editors. *Digital Academe: New Media in Higher Education and Learning*. Manuscript in progress, accepted for publication by Taylor Francis/Routledge.

### *Chapters in Books*

William H. Dutton, James N. Danziger, and Kenneth L. Kraemer. 'The Selective Use of Automated Information in the Policy Making Process,' in *Why Policies Succeed or Fail*. Edited by Helen Ingram and Dean Mann. Beverly Hills, CA: Sage, 1980, pp. 163-184.

William H. Dutton. 'Technology and the Federal System,' *The Communications Revolution in Politics*. Edited by Richard Benjamin. New York: American Academy of Political Science, 1982, pp. 109-120.

William H. Dutton. 'Decision Making in the Information Age: Computer Models and Public Policy,' *Progress in Communication Sciences*. Edited by Brenda Dervin and Melvin Voigt. Vol. V. Norwood, NJ: Ablex, 1984, pp. 111-144.

(Reprinted in Ruth Finnegan, R.G. Salaman and K. Thompson, eds. *Information Technology: Social Issues*. Kent, UK: Hodder & Stoughton in association with the Open University, 1987, pp. 181-189.)

William H. Dutton and Kenneth L. Kraemer. 'The Interests Served by Technological Reform: The Case of Computing,' *Problems in Administrative Reform*. Edited by Robert D. Miewald and Michael Steinman. Chicago: Nelson-Hall Publishers, 1984, pp. 101-122.

William H. Dutton. 'Reflections on the British Experience,' *Electronic Publishing Plus*. Edited by Martin Greenberger. White Plains, NY: Knowledge Industries Publications, 1985, pp. 201-204.

William H. Dutton, Jay G. Blumler and Kenneth L. Kraemer. 'Continuity and Change in Conceptions of the Wired City,' *Wired Cities: Shaping the Future of Communications*. Edited by Dutton, W.H., Blumler, J.G and Kraemer, K.L. Boston: G.K. Hall, 1987, pp. 3-26.

William H. Dutton, Jay G. Blumler and Kenneth L. Kraemer. 'A Comparative Analysis,' *Wired Cities*. Edited by Dutton, W.H., Blumler, J.G and Kraemer, K.L. Boston: G.K. Hall, 1987, pp. 456-86.

William H. Dutton and Robert G. Meadow. 'A Tolerance for Surveillance: American Public Opinion Concerning Privacy and Civil Liberties,' *Government Infostructures*. Edited by Karen B. Levitan. Westport, Connecticut: Greenwood Press, 1987, pp. 147-170.

Charles Steinfield, William H. Dutton and Peter Kovaric. 'A Framework and Agenda for Research on Computing in the Home,' *Media Use in the Information Age*. Edited by Jerry L. Salvaggio and Jennings Bryant. Hillsdale, NJ: Lawrence Erlbaum Associates, Inc., 1989, pp. 61-85.

William H. Dutton and Jay G. Blumler. 'A Comparative Perspective on Information Societies,' *The Information Society: Economic, Social and Structural Issues*. Edited by Jerry L. Salvaggio. Hillsdale, NJ: Lawrence Erlbaum, 1989, pp. 63-88.

William H. Dutton. 'Impact of the Computer in Government,' *International Encyclopedia of Communications*, Vol. 1, pp. 386-388. London: Oxford University Press, 1989.

William H. Dutton. 'Political Communications: The New Media,' *International Encyclopedia of Communications*, Vol. 3, pp. 313-318. London: Oxford University Press, 1989.

William H. Dutton. 'Looking Beyond Teledemocracy: The Politics of Communications and Information Technology,' pp. 79-96. In Arthur Asa Berger, ed. *Political Culture and Public Opinion*. New Brunswick, NJ: Transaction Publishers, 1989.

William H. Dutton. 'The Political Implications of Communications Technology: Challenge to Power?', pp. 173-195. In *The Information Society: Evolving Landscapes*. Edited by Jacques Berleur, Andrew Clement, Richard Sizer, and Diane Whitehouse. New York: Captus University Publications and Springer Verlag, 1990.

(This chapter is a revision and extension of 'Looking Beyond Teledemocracy' in Berger, *Ibid.*)

William Dutton and Kendall Guthrie, 'Constructing an Electronic City Hall: Santa Monica's Public Electronic Network,' pp. 91-107. In *ITCA Teleconferencing Yearbook 1991*, compiled by Charles W. Steinfield and Tricia S. Ehlers. Washington D.C.: International Teleconferencing Association.

Kenneth Kraemer and William Dutton. 'Survey Research in the Study of Management Information Systems,' pp. 3-57. In *The Information Systems Research Challenge: Survey Research Methods*, edited by Kenneth L. Kraemer. Cambridge: Harvard University Press, 1991.

William Dutton, 'The Ecology of Games in Telecommunications Policy,' pp. 65-88. In *The Telecommunications Revolution: Past, Present and Future*, edited by Harvey M. Sapolsky, Rhonda J. Crane, W. Russell Neuman, and Eli M. Noam. New York: Routledge, 1992.

William Dutton and Thierry Vedel, 'Dynamics of Cable Television in the U.S., Britain, and France,' pp. 70-93. In *Comparatively Speaking: Communication and Culture Across Space and Time*, edited by Jay G. Blumler, Jack M. McLeod, and Karl Erik Rosengren. Newbury Park, CA: Sage, 1992.

William H. Dutton, Joanne Wyer, and Jacqueline O'Connell. 'The Governmental Impacts of Information Technology: A Case Study of Santa Monica's Public Electronic Network,' pp. 265-296. In *Strategic Information Technology Management*, edited by Rajiv D. Banker, Robert J. Kauffman, and Mo Adam Mahmood. Harrisburg, Pennsylvania: Idea Group Publishing, 1993.

Dutton, W. 'Electronic Service Delivery and the Inner City: the Risk of Benign Neglect', pp. 209-228 in J. Berleur, C. Beardon, and R. Laufer (eds.), *Facing the Challenge of Risk and Vulnerability in an Information Society*, Amsterdam and New York: North-Holland, 1993.

William H. Dutton. 'Lessons from Public and Nonprofit Services,' pp. 105-127. In *The Citizen's Right to Know: Media, Democracy and the Information Highway*, edited by Frederick Williams and John Pavlic. Lawrence Erlbaum Associates, Inc., 1994.

William H. Dutton. 'Information Society', *The Social Science Encyclopedia*, 2nd Edition, edited by Adam Kuper and Jessica Kuper, forthcoming. London: Rutledge, forthcoming.

William H. Dutton. 'Driving into the Future of Communications? Check the Rear View Mirror', pp. 79-102. In *Information Superhighways: Multimedia Users and Futures*, edited by Steven Emmott. London: Academic Press, 1995.

Kim V. Andersen and William H. Dutton. 'Living with Models: the Future of Economic Modeling in Political Decision-Making Processes', pp. 271-281. In *Information Systems in the Political World*, edited by K.V. Andersen. Ohmsha: IOS Press, 1995.

William H. Dutton, 'Electronic Service Delivery in the Public Sector: Lessons from Innovations in the United States', pp. 211-237. In *New Infotainment Technologies in the Home: Demand-Side Perspectives*, edited by Ruby Roy Dholakia, Norbert Mundorf, and Nikhilesh Dholakia. Mahway, NJ: Lawrence Erlbaum Associates, 1996.

John Taylor, Christine Bellamy, Charles Raab, William H. Dutton, and Malcolm Peltu, 'Innovation in Public Service Delivery', pp. 265-82. In *Information and Communication Technologies — Visions and Realities*, edited by William H. Dutton. New York: Oxford University Press, 1996.

Charles Raab, Christine Bellamy, John Taylor, William H. Dutton, and Malcolm Peltu, 'The Information Polity: Electronic Democracy, Privacy, and Surveillance', pp. 283-99. In *Information and Communication Technologies — Visions and Realities*, edited by William H. Dutton. New York: Oxford University Press, 1996.

Peltu, M., MacKenzie, D., Shapiro, S., and Dutton, W. H., 'Computer Power and Human Limits', pp. 387-405 in *Information and Communication Technologies — Visions and Realities*, edited by W. H. Dutton. New York: Oxford University Press, 1996.

William H. Dutton, Jay G. Blumler, Nicholas Garnham, Robin Mansell, James Cornford, and Malcolm Peltu, 'The Politics of Information and Communication Policy: The Information Superhighway', pp. 387-405. In *Information and Communication Technologies — Visions and Realities*, edited by William H. Dutton. New York: Oxford University Press, 1996.

William H. Dutton. 'Reinventing Democracy', pp. 152-59 in *Intelligent Environments: Spatial Aspects of the Information Revolution*, edited by Peter Droge, Elsevier Science B.V., 1997.

William H. Dutton, 'Multimedia Visions and Strategies', pp. 133-55 in Herbert Kubicek, William Dutton, and Robin Williams, editors. *The Social Shaping of the Information Superhighway: European and American Roads to the Information Society*. Campus

Verlag and St. Martin's Press, 1997.

Docter, Sharon and William H. Dutton, 'The First Amendment On-Line: Santa Monica's Public Electronic Network' in *Cyberdemocracy: Technology, Cities, and Civic Networks*, edited by Rosa Tsagarousianou, Damian Tambini, and Cathy Bryan. London: Routledge, 1998, pp. 125-51.

Dutton, W. H., 'The Virtual Organization: Tele-Access in Business and Industry' in *Shaping Organizational Form: Communication, Connection, and Community*, edited by Geraldine DeSanctis and Janet Fulk, Thousand Oaks and London: Sage, 1999, pp. 473-95.

Docter, Sharon and William H. Dutton, 'The Social Shaping of The Democracy Network (DNet)' in *Digital Democracy: Discourse and Decision Making in the Information Age*, edited by Barry N. Hague and Brian D. Loader. London: Routledge, 1999, pp. 222-43.

Dutton, William H., Jay G. Blumler, and Kenneth L. Kraemer, 'Continuity and Change in Conceptions of the Wired City' in Gerrylynn K. Roberts, ed., *The American Cities and Technology Reader: Wilderness to Wired City*. London: Routledge, 1999, pp. 280-288.

(This is a reprinted version of the introductory chapter, pp. 3-26, of *Wired Cities: Shaping the Future of Communications* (Boston: G. K. Hall, 1987) by the authors.)

Docter, Sharon, William H. Dutton, and Anita Elberse, 'An American Democracy Network: Factors Shaping the Future of On-line Political Campaigns' in Coleman, Steven, John Taylor, and Wim van de Donk (eds), *Parliament in the Age of the Internet*. Oxford: Oxford University Press, 1999, pp. 173-90.

(Reprinted version of Docter, Sharon, William H. Dutton, and Anita Elberse, 'An American Democracy Network: Factors Shaping the Future of On-line Political Campaigns,' *Parliamentary Affairs*, 52(3): 1999, pp. 535-52.)

Dutton, W. H., 'Networked Citizens and e-Democracy' in Presidência da Republica, ed., *Os Cidadãos e a Sociedade da Informação: Conference on Citizenship and the Information Society, Proceedings of a Conference Organized by the President of the Republic sponsored by the President of the Portuguese Republic, in Lisbon on 10 December 1999*. Lisbon, Portugal: Imprensa Nacional-Casa de Moeda, 2000), pp. 47-68 in Portuguese; and pp. 171-187 in English.

Elberse, Anita, Matthew L. Hale, and William H. Dutton, 'Guiding Voters through the Net: the Democracy Network in a California Primary Election' in K. L. Hacker and J. van Dijk, eds, *Digital Democracy: Issues of Theory and Practice*. Thousand Oaks, CA: Sage Publications, 2000, pp. 130-148.

Dutton, W. H., Elberse, A., Hong, T., and Matei, S. (2001), 'Beepless in America: The Social Impact of the Galaxy IV Pager Blackout' in S. Lax (2001) (ed.), *Access Denied in the Information Age* (London: Macmillan, Palgrave), pp. 9-32.

Dutton, W. H. 'Computers and Society', in Smelser, N. J., and Baltes, P. B. (2001), *The International Encyclopedia of the Social and Behavioral Sciences* (Oxford: Elsevier Science Limited), pp. forthcoming.

Dutton, W. H., and Lin, Wan-Ying (Forthcoming), 'E-Democracy: A Case Study of Web-Orchestrated Cyberadvocacy' in J. Armitage and J. Roberts, eds, *Living with Cyberspace: Technology and Society in the 21<sup>st</sup> Century* (London: The Athlone Press).

Dutton, W. H. (forthcoming Autumn 2001) 'The Virtual Organization' in A. Giddens, *Sociology, 4<sup>th</sup> Edition* (London: The Polity Press).

[This is a reprinted extract from 'The Reach and Boundaries of Management and Business', Chapter 5 of W. H. Dutton, *Society on the Line* (Oxford: Oxford University Press): pages 113-140.]

Dutton, W. H. (in progress), 'The Information Society', *Encyclopedia of International Media and Communications* (San Diego, CA: Academic Press).

#### *Professional Journal Articles*

William H. Dutton. 'The Political Ambitions of Local Legislators,' *Polity*, Vol. 4, No. 4 (Summer, 1975), 504-22.

Kenneth L. Kraemer, James N. Danziger, William H. Dutton, Alexander Mood and Rob Kling. 'A Future Cities Survey Research Design for Policy Analysis,' *Socio-Economic Planning Sciences*, Vol. 10, No. 5 (November, 1976), 199-211.

William H. Dutton and the URBIS Group. 'A Survey of Local Government EDP Practices,' *Government Finance*, Vol. 6, No. 3 (August, 1977), 42-51.

James N. Danziger and William H. Dutton. 'Technological Innovation in Local Government: The Case of Computers,' *Policy and Politics*, Vol. 6, No. 1 (September, 1977), 27-49.

William H. Dutton and Kenneth L. Kraemer. 'Technology and Urban Management: The Power Payoffs of Computing,' *Administration and Society*, Vol. 9, No. 3 (November, 1977), 305-340.

James N. Danziger and William H. Dutton. 'Computers as an Innovation in American Local Government,' *Communications of the ACM*, Vol. 20, No. 12 (December, 1977), 305-40.

William H. Dutton and Kenneth L. Kraemer. 'Management Utilization of Computers in American Local Governments,' *Communications of the ACM*, Vol. 21, No. 3 (March, 1978), 206-218.

William H. Dutton and Kenneth L. Kraemer. 'Determinants of Support for Computerized Information Systems,' *Midwest Review of Public Administration*, Vol. 12, No. 1 (March, 1978), 19-40.

Alana Northrop and William H. Dutton. 'Municipal Reform and Group Influence,' *American Journal of Political Science*, Vol. 22, No. 3 (August, 1978), 691-711.

William H. Dutton and Alana Northrop. 'Municipal Reform and the Changing Pattern of Urban Party Politics,' *American Politics Quarterly*, Vol. 6, No. 4 (October, 1978), 429-452.

Kenneth L. Kraemer, James N. Danziger and William H. Dutton. 'Automated Information Systems and Urban Decision Making,' *Urban Systems*, Vol. 3, No. 4 (1978), 177-190.

William H. Dutton and Kenneth L. Kraemer. 'Administrative Reform, Technology and Intra-Organizational Power,' *South Atlantic Urban Studies*. Edited by Samuel M. Hines, Jr. and George Hopkins. Vol. III. Columbia, SC: South Carolina University Press, 1979, 173-209.

Kenneth L. Kraemer and William H. Dutton. 'The Interests Served by Technological Reform: The Case of Computing,' *Administration and Society*, Vol. 11, No. 1 (May, 1979), 80-106.

(Reprinted in Robert D. Miewald and Michael Steinman, eds. *Problems in Administrative Reform*. Chicago, IL: Nelson-Hall Publishers, 1984; reprinted also in Barry Bozeman and Jeffrey Strausmann, eds. *New Directions in Public Administration*. Monterey, CA: Brooks/Cole, 1984, 172-184.)

William H. Dutton and Kenneth L. Kraemer. 'Urban Technology, Executive Support and Computing,' *The Urban Interest*, Vol. 1, No. 2 (Fall, 1979), 35-42.

William H. Dutton and Kenneth L. Kraemer. 'The Automation of Bias: Computers and Local Government Budgeting,' *Information Privacy*, Vol. 1, No. 7 (September, 1979), 303-11).

Kenneth L. Kraemer, William H. Dutton and Alana Northrop. 'Management Control, the Automated Budget, and Information Handling,' *Information Privacy*, Vol. 2, No. 1 (January, 1980), 7-16.

William H. Dutton and Kenneth L. Kraemer. 'Automating Bias,' *Society*, Vol. 17, No. 2 (January/February, 1980), 36-41.

William H. Dutton. 'Fiscal Analyses in American Local Government,' *The Urban Interest*, Vol. 2, No. 2 (Fall, 1980), 43-47.

William H. Dutton, Kenneth L. Kraemer and Martha S. Hollis. 'Fiscal Impact Models and the Policy-Making Process,' *The Urban Interest*, Vol. 2, No. 2 (Fall, 1980), 66-74.

William H. Dutton. 'The Rejection of an Innovation: The Political Environment of an Information System,' *Systems, Objectives, Solutions*, Vol. 1, No. 4 (November, 1981), 179-201.

William H. Dutton. 'Computer Models in the Policy-Making Process,' *Information Age*, Vol. 1, No. 2 (April, 1982), 86-94.

William H. Dutton. 'Eighty Thousand Information Systems: The Utilization of Computing in American Local Governments,' *Computers, Environments and Urban Systems*, Vol. 7, No. 1/2, 1982, 21-33.

Alana Northrop, William H. Dutton and Kenneth L. Kraemer. 'The Management of Computer Applications in Local Government,' *Public Administration Review*, Vol. 42, No. 3 (May/June, 1982), 234-243.

William H. Dutton. 'Politics, Planning, and Modeling,' *International Journal of Policy Analysis and Information Systems*, Vol 6, No. 1 (June, 1982), 65-89.

William H. Dutton, Janet Fulk and Charles Steinfield. 'The Utilization of Videoconferencing,' *Telecommunications Policy*, Vol 6, No. 3 (September, 1982), 164-178.

Steven A. Peterson and William H. Dutton. 'The Responsiveness of Local Legislators,' *The Urban Interest*, Vol. 4, No. 2 (Fall, 1982), 18-28.

William H. Dutton and Kenneth L. Kraemer. 'The Politics of Modeling: Computer Models in the Policy Process,' *Systems, Objectives, Solutions*, Vol. 3, No. 1, (1983), 13-29.

William H. Dutton. 'Computer Modeling and Public Policy,' *Information Resource*

*Management*, Vol. 1, No. 3, (November, 1983), 32-34.

William H. Dutton, Janie Steckenrider, Debra Ross-Christensen, Loretta Lynch, Bonnie Goldfarb, Leslie Hirschberg, Taylor Barcroft, and Roy Williams. 'Electronic Participation by Citizens in U.S. Local Government,' *Information Age*, Vol. 6, No. 2, (April, 1984), 78-97.

Janet Fulk and William H. Dutton. 'Videoconferencing as an Organizational Information System: Assessing the Role of Electronic Meetings,' *Systems, Objectives, Solutions*, Vol. 4 (1984), 105-118.

William H. Dutton, Herbert Dordick, and Amy Phillips. 'Perspectives on National Cable Policy: Focusing the Issues,' *Telematics and Informatics*, Vol. 1, No. 2 (March-April, 1984), 153-170.

William H. Dutton, Peter Kovaric, and Charles Steinfield. 'Computing in the Home: A Research Paradigm,' *Computers and the Social Sciences*, Vol. 1, No. 1 (January-March, 1985), 5-18.

William H. Dutton, Everett M. Rogers, and Suk-Ho Jun. 'Diffusion and Social Impacts of Personal Computers,' *Communication Research*, Vol. 14, No. 2 (April, 1987), 219-250.

William H. Dutton, Everett M. Rogers, and Suk-Ho Jun. 'The Diffusion and Impacts of Information Technology in Households,' *Oxford Surveys in Information Technology*, Vol. 4, 1987, 133-193.

William H. Dutton and Helena Mackinen. 'The Development of Telecommunications: The Outcome of an Ecology of Games,' *Information & Management*, Vol. 13, No. 5, (December, 1987), 255-264.

William H. Dutton and Jay G. Blumler. 'The Faltering Development of Cable Television in Britain,' *International Political Science Review*, Vol. 9, No. 4, 1988, 279-303.

William H. Dutton and Ronald E. Anderson, eds. 'Symposium on Computer Literacy: Implications for the Social Sciences,' *Social Science Computer Review*, Vol. 7, No. 1 (Spring, 1989), pp. 1-45.

William H. Dutton and Ronald E. Anderson. 'Computers and Literacy: Differing Perspectives in the Social Sciences,' *Social Science Computer Review*, Vol. 7, No. 1 (Spring, 1989), pp. 1-6.

William H. Dutton, Patrick L. Sweet, and Everett M. Rogers. 'Socio-Economic Status and the Early Diffusion of Personal Computing in the United States,' *Social Science*

*Computer Review*, Vol. 7, No. 3 (Fall, 1989), pp. 259-271.

William H. Dutton. 'Information Technology and Urban Form: New Wine in Old Bottles — Rejoinder to John P. Frendeis,' *Journal of Urban Affairs*, Vol. 11, No. 4, (1989), pp. 347-354.

Thierry Vedel and William H. Dutton. 'New Media Politics: Shaping Cable Television Policy in France,' *Media, Culture and Society*, Vol. 12 (1990), pp. 491-524.

William H. Dutton and Kendall Guthrie. 'An Ecology of Games: The Political Construction of Santa Monica's Public Electronic Network,' *Informatization and the Public Sector*, Vol. 1, No. 4, (1991), pp. 1-24.

William H. Dutton. 'The Social Impact of Emerging Telephone Services,' *Telecommunications Policy*, Vol. 16, No. 5 (July 1992), pp. 377-387.

William H. Dutton. 'The Ecology of Games Shaping Telecommunications Policy,' *Communication Theory*, Vol. 2, No. 4 (November, 1992), pp. 303-328.

(This article is a revision and expansion of an earlier paper, published as: William Dutton, 'The Ecology of Games in Telecommunications Policy,' pp. 65-88. In *The Telecommunications Revolution*, edited by Harvey Sapolsky, Rhonda Crane, Russell Neuman, and Eli Noam. New York: Routledge, 1992.)

K. Kendall Guthrie and William H. Dutton. 'The Politics of Citizen Access Technology: The Development of Public Information Utilities in Four Cities,' *Policy Studies Journal*, Vol. 20, No. 4, (1992), pp. 574-597.

William H. Dutton. 'Political Science Research on Teledemocracy,' *Social Science Computer Review*, Vol. 10, No. 4 (Winter 1992), pp. 505-22.

William H. Dutton. 'The Programme on Information and Communication Technologies,' *Information Technology & Public Policy*, Vol. 11, No. 3 (Summer 1993), 202-203/209-210.

William H. Dutton. 'The Ecology of Games and its Enemies', *Communication Theory*, Vol. 5, No. 4 (November 1995), pp. 379-392.

William H. Dutton. 'Network Rules of Order: Regulating Speech in Public Electronic Fora', *Media, Culture, and Society*, Vol. 18, 1996, pp. 269-290.

William H. Dutton, 'The Web of Technology and People: Challenges for Economic and

Social Research', *Prometheus*, Vol. 17, No. 1, 1999, 5-20.

Docter, Sharon, William H. Dutton, and Anita Elberse, 'An American Democracy Network: Factors Shaping the Future of On-line Political Campaigns,' *Parliamentary Affairs*, 52(3): 1999, pp. 535-52.

Dutton, William H., Anita Elberse, and Matthew Hale, 'Information, Democracy and the Internet,' *Communications of the ACM*, December, 1999, pp. 48-52.

Dutton, William H. and Loader, Brian D. Editorial introduction to special issue of iCS on New Media in Higher Education and Learning, *Information, Communication and Society*, Vol. 3, No. 4, 2000, pp. v-xii.

Dutton, W. H., and Lin, Wan-Ying (2001, Forthcoming), 'Using the Web in the Democratic Process: The Web-Orchestrated 'Stop the Overlay' Cyber-Campaign', *European Review*, Vol. 9, No. 2, pp. forthcoming.

#### *Other Professional Publications of Research*

William H. Dutton and Sigfried Pearson. 'Executives Cite Common Data Problems,' *Nation's Cities*, Vol. 13, No. 10 (October, 1975), 28-30.

William H. Dutton. 'Major Policy Concerns Facing Chief Executives,' *Nation's Cities*, Vol. 13, No. 10 (October, 1975), 33-36.

William H. Dutton. 'Management Information Top Problem', *County News*, Vol. 7, No. 40 (October 13, 1975), pp. 8-10. Popularized article composing a *New County Times Special Report* entitled 'Chief Executives, Local Government and Computers.'

William H. Dutton. 'Has the Computer Lived up to Billing?', *County News*, Vol. 7, No. 40 (October 13, 1975), pp. 11-14. Also composing *New County Times Special Report*.

Kenneth L. Kraemer, William H. Dutton, and Joseph Matthews. 'Municipal Computers: Growth, Usage and Management,' *Urban Data Service Reports*, Vol. 7, No. 11. Edited by the International City Management Association. Washington DC: ICMA, 1975.

William H. Dutton, Kenneth L. Kraemer, and Sigfried Pearson. 'Chief Executives Views on Information Processing in Local Government,' *Computers, Local Government and Productivity*, Vol. 1. Edited by Ononeze Anochie. Chicago: Urban and Regional Information Systems Association, 1975, pp. 454-77.

William H. Dutton, Kenneth L. Kraemer and Joseph Matthews. 'County Computers:

Growth, Usage and Management,' *The County Yearbook 1976*. Edited by the National Association of Counties/International City Management Association Joint Data Center. Washington DC: ICMA, 1976, pp. 133-49.

(Reprinted in Urban Data Service Reports, Edited by the International City Management Association. Vol. 8, No. 2. Washington DC: ICMA, 1975.)

Joseph Matthews, Kenneth L. Kraemer, Linda Hackathorn, and William H. Dutton. *Directory of County Information Systems*. Boston: Lexington Books, 1976.

Kenneth L. Kraemer, Joseph Matthews, William H. Dutton, and Linda Hackathorn. *Directory of Municipal Information Systems*. Boston: Lexington Books, 1976.

Kenneth L. Kraemer, William H. Dutton, and Alana Northrop. *The Management of Information Systems*. Washington DC: National Technical Information Service, 1979.

William H. Dutton and Martha S. Hollis. 'Fiscal Impact Budgeting Systems,' *Computers in Local Government Urban and Regional Planning*. Edited by Kenneth L. Kraemer and John Leslie King. Pennsaukon, NJ: Auerbach Publishers, 1980, Chapter 2.9.1.

(Reprinted in Kenneth L. Kraemer and John Leslie King, eds. *Computers in Local Government: Finance and Administration*. Pennsaukon, NJ: Auerbach Publishers, 1981.)

William H. Dutton. 'The Network Perspective,' *Computers and Networks*, (August, 1984), 23-30. (A Japanese language publication.)

William H. Dutton. 'Un-American Activities? Wired City Experiments of Europe and Asia,' *NATO News*, Vol. 4, No. 3 (May/June, 1985), 4-6.

William H. Dutton. 'Micropolitics: Modeling as a Negotiating Tool,' *Western City*, Vol. 63, No. 2 (February, 1987), 21-24.

William Dutton. 'Trickle-Down Social Science: A Personal Perspective,' *Social Sciences*, Issue 22, January, 1994, p. 2.

William Dutton, John Taylor, Christine Bellamy, Charles Raab, and Malcolm Peltu. 'Electronic Service Delivery: Themes and Issues in the Public Sector', PICT Policy Research Paper No. 28. Brunel University, Uxbridge: Programme on Information and Communication Technologies, Economic and Social Research Council, 1994.

(Reviewed by David J Brunnen for *Information Technology & Public Policy*, Vol.

13, No. 1 (Winter, 1994), pp. 16-17.)

William Dutton. 'Road to the Rational', *Times Higher Education Supplement*, August 12, 1994, p. iv.

PICT, Programme on Information and Communication Technologies. *A Profile of Research and Publications 1995*. Brunel University, Uxbridge: Programme on Information and Communication Technologies, 1995.

William Dutton, Jay Blumler, Nicholas Garnham, Robin Mansell, James Cornford and Malcolm Peltu. 'The Information Superhighway: Britain's Response', PICT Policy Research Paper No. 29. Brunel University, Uxbridge: Programme on Information and Communication Technologies, Economic and Social Research Council, 1994.

William Dutton, Donald MacKenzie, Stuart Shapiro, and Malcolm Peltu. 'Computer Power and Human Limits: Learning from IT and Telecommunication Disasters', *PICT Policy Research Paper No. 33*. Brunel University, Uxbridge: Programme on Information and Communication Technologies, 1995.

PICT, Programme on Information and Communication Technologies. *A Profile of Research and Publications 1995*. Brunel University, Uxbridge: Programme on Information and Communication Technologies, 1995.

W. Dutton, *The Virtual Organization: Tele-Access in Business and Industry*. A report prepared for the Fujitsu Research Institute, Tokyo, Japan, August, 1996.

(This report has been presented in Tokyo and also promoted and distributed in the US by Fujitsu Business Communication Systems, an American affiliate of FRI.)

W. Dutton, 'Review of Thematic Priorities: Human Communication and the Social Shaping of Technology.' A confidential review of ESRC research prepared for the UK's Economic and Social Research Council, December, 1996.

W. Dutton, 'The e-Society: Understanding the Restructuring of Practices and Institutions in the Digital Age', an unpublished proposal for a new research programme for the UK's Economic and Social Research Council, January 2000.

W. Dutton, L. Ghiglione, M. Peltu and F. Gardini (in progress), 'The New News Media Games: Perspectives on the Future of the Los Angeles Times'. Unpublished manuscript, Annenberg School for Communication, USC, Los Angeles, CA, 2001.

### *Book Reviews*

William H. Dutton, review of *Computers and Bureaucratic Reform* by Kenneth C. Laudon, in *Computers and Society*, Vol. 6, No. 3 (Fall, 1975), 10-11.

William H. Dutton, review of *Teleconferencing and Electronic Communications*, by Lorne A. Parker and Christine H. Olgren, in *Telecommunications Policy*, (September, 1983), 255-256.

William H. Dutton, review of *Teleconferencing Technology and Applications*, by Christine H. Olgren and Lorne A. Parker, in *Computer Communications*, Vol. 6, No. 5 (October, 1983), 264.

William H. Dutton, 'A Change of Thinking,' review of *Technologies of Freedom*, by Ithiel de Sola Pool, in *Journal of Communications* (Winter, 1984), 195-198.

William H. Dutton, 'Exploring New Territory — and Taking Risks,' Review of *Computer-Mediated Communication*, by Elaine B. Kerr and Starr Roxanne Hiltz, in *Computer Communications*, Vol. 7, No. 3 (June, 1984), 144.

William H. Dutton, review of *Dossier Society*, by Kenneth C. Laudon, in *The Library Quarterly*, Vol. 58, No. 1 (January, 1988), 102-105.

### *Audio/Video Tapes and Programs*

William H. Dutton, 'Reinforcement Politics: The Automation of Bias in American Local Governments.' Audio tape for Open University course, entitled 'Introduction to Information Technology.' Milton Keynes: BBC Open University Production Center, July, 1987.

William H. Dutton, 'New Communication Technologies: Challenge to Power?' Video tape of GTE Lecture at Great Hall, Carleton College. Introduced by Professor Norman Vig. Northfield, MN: Northfield Public Access Television, October 20, 1988.

William H. Dutton, Steve Russell, and E. P. Portman, editors, 'The Programme on Information and Communication Technologies.' Hypertext publication of PICT Policy Research Papers, Selected Reprints, Working Papers, and Profiles on CD-ROM, in progress 1997.

### **RECENT CONFERENCE PAPERS AND REPORTS**

William H. Dutton and Thierry Vedel. 'The Comparative Politics of Cable Television Policy.' Paper presented at the Annual Meeting of the International Communication Association, San Francisco, Ca, May 25-28, 1989. Later published in *Comparatively Speaking* (Sage, 1991).

William H. Dutton and Kendall Guthrie. 'The Political Ecology of a Teledemocracy Experiment: Santa Monica's Public Electronic Network.' Paper presented at the Annual Meeting of the American Political Science Association, Atlanta, Georgia, September, 1989. Later version published in *Informatization and the Public Sector*.

Kendall Guthrie, Joseph Schmitz, Daehee Ryu, John Harris, Everett M. Rogers, and William Dutton. 'Communication Technology and Democratic Participation: The PEN System in Santa Monica.' Paper presented to the ACM Conference on Computers and the Quality of Life. Washington D.C., September 13-16, 1990.

Kevin McGilly, M. Kawahata, William Dutton, and Toshio Mitsufuji. *Lessons from the Fiber-to-Home Trials*. Final report to the Fujitsu Corporation of America, Inc., November, 1990.

William Dutton in collaboration with M. Kawahata, editors. *Visioning Communications and Society*. Final report to the Fujitsu Research Institute, Japan, February, 1991.

William H. Dutton. 'The Ecology of Games Shaping Telecommunications Policy.' Paper presented to the Annual Meeting of the International Communication Association, Chicago, Illinois, May 26, 1991. Later version accepted for publication in *Communication Theory*.

William H. Dutton and Kendall Guthrie. 'An Ecology of Games: The Political Construction of Santa Monica's Public Electronic Network.' Paper presented at the 22nd Annual Conference of the International Simulation and Gaming Association, Kyoto, Japan, July 15-19, 1991. Published in *Informationization and the Public Sector*.

K. Kendall Guthrie and William H. Dutton. 'The Politics of Citizen Access Technology: The Development of Public Information Utilities in Four Cities.' Paper presented at the 87th Annual Meeting of the American Political Science Association, Washington D.C., August 29-September 1, 1991 & the 42nd Annual Conference of the International Communication Association, Miami, Florida, May 21-25, 1992. Published in the *Policy Studies Journal*.

William Dutton, Kendall Guthrie, Jacqueline O'Connell, and Joanne Wyer. 'State and Local Government Innovations in Electronic Services.' Report for the U.S. Office of Technology Assessment, December 12, 1991.

Chaired and organized the U.S.-Japan Forum on Information Technology and Communication Policy held at the Beckman Center of the National Academies of Sciences and Engineering, Irvine, California, July 31, 1992.

Chaired and organized a Los Angeles workshop for the Office of Technology Assessment on 'Electronic Service Delivery and the Inner City,' held at the Annenberg School for Communication, September 15, 1992.

William Dutton. 'Electronic Service Delivery and the Inner City.' Paper presented to the IFIP-WG9.2 Conference on 'Facing the Challenge of Risk and Vulnerability in an Information Society,' Namur, Belgium, May 20-22, 1993. Later published.

William Dutton. 'Driving into the Future of Communications? Check the Rear View Mirror.' Paper delivered at 'POTS to PANS: Social Issues in the Multimedia Evolution from Plain Old Telephony Services to Pictures and Network Services', the BT Hintlesham Hall Symposium, Hintlesham, Suffolk, 28-30 March 1994. Chapter in *Information Superhighways*.

William Dutton. 'The Galaxy IV Pager Blackout'. Presentation delivered to a conference entitled 'Access Denied' at the Institute of Communication Studies, University of Leeds, September, 1998.

Traci Hong, Sorin Matei, and William H. Dutton. 'Missing the Pager: The Impact of the Galaxy IV Satellite Blackout'. Paper delivered to the Annual Meeting of the International Communication Association, San Francisco, CA, May, 1999.

Wan-Ying Lin and William H. Dutton. 'Telephone Area Code Politics: The Ecology of Games Shaping a Web-Orchestrated Campaign'. Paper delivered to the Annual Meeting of the International Communication Association, Acapulco, Mexico, 1-5 June 2000.

## **SELECTED RECENT PRESENTATIONS**

Invited speaker, 'Social Issues of Telecommunications,' for Bellcore Public Relations Education Program (PREP), Los Angeles, Ca, March 23, 1990.

Invited speaker on 'New Media Trends' for the Japan-America Institute of Management Science, Los Angeles, CA, June 25, 1991.

International Invited speaker, 'Visions of the Future of Communications: A Comparative Perspective on the Intelligent Island,' for the National Computer Board, Republic of Singapore, July 11-12, 1991.

Invited panelist on Media, Democracy and the Information Highway: Prospects for a National Information Service, The Freedom Forum, Media Studies Center, Columbia University, October 27, 1992.

Invited panelist at a workshop on rights and responsibilities of participants in electronic communities organized by the Computer Science and Telecommunications Board of the National Academy of Sciences, Washington DC, November 5-6, 1992.

Invited speaker at the University of Rhode Island Honors Colloquium, Spring 1993, participating in a panel and one-day seminar on 'New Information Technologies: Panacea or Peril?'

Invited speaker at a meeting of the Academic Network on European Telecommunications (ANET), Paris, 14-16 May, 1993.

Invited speaker for the Parliamentary Information Technology Committee (PITCOM), May 24, 1993.

Organized a PICT policy research forum on 'Electronic Service Delivery in the Public Sector' at Hamilton House, London, 4 March 1994.

Organized a PICT policy research forum on 'The Information Superhighway: Britain's Response' at Cable & Wireless, London, 16 June 1994.

Invited speaker on 'Information Technology in Schools' at a Labour Party Conference on Education and New Technology, 'Windows on the Future', The National Film Theatre, London, 18 October 1994.

Organized a PICT policy research forum on 'Learning from ICT Disasters', Policy Studies Centre, London, 20 October 1994.

Invited lecture on 'Opportunities for the UK & EU? Information Highways' for the Foundation for Science and Technology Lecture, The Royal Society, London, 14 December 1994.

Invited speaker at a meeting of the Academic Network on European Telecommunications (ANET), Copenhagen, 16-17 December, 1994.

Invited speaker on 'The Information Superhighway: A Study of Technology Transfer' at a symposium on 'Technology Transfer in Information Technology: A Scottish Perspective,' organized by The Royal Society of Edinburgh, 30 January 1995.

Invited speaker, presenting 'On the Line: Regulating Access to the Information Society',

at the 1995 Westminster Conference of The Parliamentary Information Technology Committee on 'The Politics of Multi-Media', RICS Westminster Centre, London, 22 March 1995.

Chair and organizer of An International Conference on The Social and Economic Implications of Information and Communication Technologies, The Queen Elizabeth Conference Centre, Westminster, London, 10-12 May 1995.

Invited speaker, 'Multimedia' at Alcatel Conference entitled MultiMedia Mania, Zurich, Switzerland, 14-16 June 1995.

Chair and organizer, 'A European Information Society', The 1995 Charles Read Lecture, British Academy of Film and Television Arts, featuring Dr. Martin Bangeman, Sir Iain Vallance, and Peter Bonfield, 20 June 1995.

Invited speaker, 'Network Rules of Order', School of Communication, Michigan State University, 25 October 1995.

Invited speaker, 'Regulating Speech in Public Electronic Forums'. Center for Research on Information Technology and Organizations, UC Irvine, 23 February 1996.

Invited keynote speaker, 'The Virtual Organization' at the Fujitsu Research Institute's 1996 Forum, Tokyo, Japan, 29 November 1996.

Invited speaker, 'The Virtual Organization', JAMIS Seminar, Honolulu, Hawaii, 17 July 1997.

Invited speaker, 'Issues and Trends in Information and Communication Technology', FCA/FSA Comdex Seminar, Intercontinental Hotel, Los Angeles, 21 November 1997.

Invited luncheon speaker, 'New Communication Technology: Economic and Social Implications' for the Florida Communications Policy Symposium 1998, Florida State University, Tallahassee, 2 February 1998.

Invited speaker, 'Virtual Organization' for the Japan American Management Institute seminar, UC Irvine, 14 July 1998.

Invited speaker, 'Society on the Line' for the Orange County Mensa's 1998 Regional Gathering, Costa Mesa, California, 26 July 1998.

Invited speaker, 'Information Politics in the Digital Age Seminar' of the American Chinese Culture and Economic Society, Monterey Park, Los Angeles, April 9, 1999.

Invited speaker, 'The Medium is the Message, Even in the Classroom', for panel on teaching technology in the classroom, Broadcast Education Association, Las Vegas, Nevada, 16-19 April 1999.

Invited panelist, on Open Access at the Southern California and Nevada Chapter Meeting of the National Association of Telecommunication Officers and Advisors, Torrance, California, 26 August 1999.

Keynote presentation, 'E-Democracy: Pure Technology?', for a conference entitled Exploring Cyber Society, held at the University of Northumbria, UK, July 1999.

Keynote presentation, 'Electronic Elections' for an International Conference organized jointly by the French Senat and the Center for the Study of French Politics (CEVIPOF), at the Palais du Luxembourg, Paris, France, 18 November 1999.

Keynote presentation, 'Digital Government and Politics', for a conference entitled 'Digital Diamonds' organized by faculty of the Department of Informatics of the Copehagen Business School in Copenhagen, 26 November 1999.

Keynote presentation, 'Electronic Democracy: The Centrality of Access', for a Conference on Citizenship and the Information Society, sponsored by the President of the Portuguese Republic, Dr. Jorge Sampaio, in Lisbon on 10 December 1999.

Invited Presentation, 'Virtual Democracy: American Politics, Government, and Communities "On-line"' at the Virtuality in Europe Conference organized by the Academia Europaea and held at the Heinz Nixdorf Museums Forum in Paderborn, German, 23-26 March 2000.

Respondent for presentation by Larry Weber to the 10<sup>th</sup> Annual Kenneth Owler Smith Symposium, USC Annenberg School for Communication, 13 April 2000.

Moderator and speaker for panel on Social Considerations and Implications of Digital Government for the Digital Government Workshop, National Science Foundation, Los Angeles, CA, 15-17 May 2000.

Invited keynote presentation on Tele-Access: Explorations in Society on the Line for conference on Electronic Government, Centre for Law, Public Administration and Information, Tilburg University, The Netherlands, 18 May 2000.

Invited speaker on Electronic Government for an International Conference on Electronic Government, organized by the Centre for Law, Public Administration and Information, and the COSTA14 Working Group, Tilburg University, 19 May 2000.

Organized forum on entitled 'Connecting the Times and Tribune' for the Annenberg School for Communication on 29 June 2000.

Invited speaker on 'e-Society', a seminar organized by the Japan-American Institute for Management Sciences (JAIMS), at UC Irvine, Irvine, CA, 18 October 2000.

Organized forum on 'The e-Society' at the London School of Business, 19 December 2000 for the UK's Economic and Social Research Council, which led to the development of a successful proposal for a new research programme.

## **RECENT UNIVERSITY SEMINARS AND LECTURES**

Bremmen University, Brunel University, City University, Florida State University, Kingston University, Leeds University, London School of Economics and Political Science, Newcastle University, Michigan State University, Ohio State University, Portsmouth University, The University of Michigan, University of California at Berkeley, University of California at Irvine, University of California Los Angeles, University of East London, Westminster University.

## **CONSULTING**

Auerbach Publishers  
Bellcore  
Columbia University  
COMEX, School of Public Administration, USC  
Economic and Social Research Council of Britain  
Fujitsu Research Institute for Advanced Information Systems and Economics  
Graduate School of Business, Harvard University  
International City Management Association  
Japan-America Institute of Management Science (JAMIS)  
Massachusetts Institute of Technology  
National Computer Board, Republic of Singapore  
Office of Technology Assessment (former), Congress of the United States  
Pacific Bell  
Public Policy Research Organization, UC Irvine  
United States Department of Education  
U.S. Office of Personnel Management (Financial Management Division)  
Washington Program, Annenberg School for Communication  
Washington University, National Library of Medicine

## **SERVICE**

## *Annenberg School*

Associate Director of Annenberg School of Communication, 1998-00  
Director of Communication Management Program, 1992-93, 1998-00

### Chair:

Faculty Advisory Council, 1997-98  
Faculty Search Committee, 1980-86, 1988-89, 89-90, 90-91  
Masters and Undergraduate Studies, 1992-93  
Merit Review Committee, 1997  
Personnel Committee, 1991-92  
Strategic Planning Committee, 1991-92  
Comprehensive Examination Committee, 1988-89, 93  
Learning Resources (Facilities) Committee, 1981-84  
Third Year Review Committee, 1997-98, 2000-01

### Member:

Faculty Selection Committee, 1979-80  
Faculty Promotions and Tenure Committee, 1982-88, 89-90  
Academic Program Committee, 1989-90  
Comprehensive Examination Committee, 1986, 1995-96, 1998-2000  
Curriculum Committee, 1981-83; 87-88  
Doctoral Advisory Committee, 1989-91, 2000-2001  
Faculty Advisory Committee, 1989, 1989-90  
Facilities and Equipment Committee, 1985-88  
Merit Review Committee, 1982-86; 1991, 1999, 2000  
Ph.D. Admissions Committee, 1988-89  
Steering Committee, Joint Conference on  
Telecommunications and Continuing Education of Health Professionals, 1980  
Washington Program Planning and Search Committee, 1982-85

## *University*

President of the Faculty (elected), Academic Senate, 2000-01  
Academic Vice President (elected), USC Academic Senate, 1999-00  
(President-Elect of the Faculty)  
Advanced Technology Advisory Committee (ATAC), 1997-98  
Annenberg Dean Search Committee, 1980-81  
Committee on Information Services, 1999-  
Continuing Studies Committee, 1985-89  
Distance Education Committee, 1998-99  
Distance Education and Distributed Learning Committee, 2000-2001

Distance Education and Distributed Learning Task Force (Senate), 1999-2000  
Executive Committee and Vice-Chair of GPSC, 1990-91  
Faculty Senate, 1980-82; 1991-92, 1999-2001  
Immediate Past President of the Faculty, Academic Senate, 2001  
International Affairs Committee, 1996-97  
President's Advisory Council, 1980-82  
Senate Task Force on Distance Education and Distributed Learning, 1999-  
Strategic Planning Steering Committee for the Information Services Division of USC,  
Chair, 2001-2002  
Undergraduate General Education Committee, 1992-93  
University Budget Advisory Committee, 1990-91  
University Committee on Appointments, Promotions and Tenure, Social Science and  
Professional Schools Panel, 1983-88 (Chaired panel 1987-88)  
University Graduate and Professional Studies Committee (GPSC), 1989-91

### *ESRC and PICT*

Review of ESRC research proposals; advisory panels of SPRU, CROMTEC and  
CRICT; served on committee advising the ESRC on the development of a new research  
programme on 'Media Culture, Media Economics', chaired by Anthony Smith, 1994-95.

Hosted on behalf of PICT a Joint Regional Workshop of the Technology Foresight  
Panels on IT & Electronics and Communications at Brunel University.

Advised ESRC committee on the design of a new research programme on information  
and communication technologies, 1994-95, assisted with review of thematic priorities,  
1996-97, and helped them develop a proposal for a new programme on 'The e-Society'  
in 2000-2001, which was successful and funded for launch in 2002.

### *Professional, Public and Community*

Board of Directors, Toda Institute for Global Peace and Policy Research, 1996-

Advisory Committee, Government Information Technology Panel of the Office of  
Technology Assessment, US Congress, 1985-86

Advisory Committee, Federal Telecommunications for the 21st Century: Transforming  
the Delivery of Government Services, Office of Technology Assessment, US Congress,  
1991-93

Advisor and Member of Founding Board of Directors, ReferencePoint, an Information  
Service for the Non-Profit and Voluntary Sector, 1988-97

Advisory Board, International Telecommunications Research Institute, University of Houston, 1984-86

Advisory Panel, Volunteer Computer Project, National Center for Citizen Involvement, 1982-86

Elected Member of Founding Board of Directors, International Teleconferencing Association, 1983-84 (resigned)

External Review Committee on Academic Computing, University of California at Irvine, 1986

Liaison Committee, International Communications Association, 1990-94