

## **CURRICULUM VITAE**

January, 2008

JUDITH A. PERROLLE

1617 Massachusetts Avenue, Apartment 33  
Cambridge, MA 02138

Phone: (617) 876-9769

### **PRESENT POSITION (Since 1987)**

Associate Professor of Sociology  
Department of Sociology and Anthropology  
Northeastern University  
360 Huntington Avenue  
Boston, MA 02115

Phone: (617) 373-3861  
FAX: (617) 373-2688  
E-mail: perrolle@ccs.neu.edu

Home Page: <http://www.ccs.neu.edu/home/perrolle/>

### **PROFESSIONAL SPECIALIZATION**

Social Impact of Computers and Communications Technology  
Environment and Technology Policy  
Sociology of Science, Knowledge, and Technology

### **EDUCATION**

1980 Ph.D. Sociology, Brown University  
1976 M.A. Sociology, Brown University  
1966 S.B. Humanities and Engineering, Massachusetts Institute of Technology

### **FELLOWSHIPS AND AWARDS**

1999 Computer Professionals for Social Responsibility, Norbert  
Weiner Award for Social Responsibility in Computing Technology  
(shared with everyone working in the Open Source/Free Software  
Movements)  
1989-94 Harvard University, Visiting Scientist in Occupational  
Safety and Health  
1973-79 Danforth Foundation, Graduate Fellowship  
1966 Massachusetts Institute of Technology, Karl Taylor Compton Award

### **TEACHING EXPERIENCE**

1981-87 Assistant Professor of Sociology, Northeastern University  
1979-81 Assistant Professor of Rural Sociology  
University of Missouri at Columbia  
1978 Instructor of Sociology, Brown University  
1977 Instructor of Sociology, University of Rhode Island  
1966-69 Physics and General Science Teacher  
The Lincoln School, Providence, RI

## COMPUTER INDUSTRY EXPERIENCE

1972-        Consultant  
1970-71     Senior Systems Engineer, China Data Processing, Inc.  
              Taipei, Taiwan  
1970         Manager, Technical Information Services  
              Codon Computer Utilities, Inc., Waltham, MA  
1969         Systems Programmer, The Codon Corporation, Waltham, MA  
1966-69     Self-Employed Programmer

## RESEARCH EXPERIENCE

2003         Faculty Development Fund for Educational Technology Using  
              Technology in the Classroom to Support Peer-to-Peer Collaboration  
1998-99     Instructional Development Fund Grant for Practical Projects  
              on Social Issues in Computing, Northeastern University  
              Instructional Development Fund  
1989-91     Principal Investigator, "Ethical Reasoning about  
              Computers and Society," National Science Foundation  
1991-2       Principal Investigator, "The Social Construction of  
              Electromagnetic Field Hazards", Northeastern  
              University, Research and Scholarship Development Fund  
1990-91     Principal Investigator, "Social Factors in the  
              Occupational and Environmental Health Effects of  
              Electromagnetic Fields," Northeastern University  
              Faculty Development Fund  
1986-88     Research Consultant, "Methods for the Computerized  
              Control of Nuclear Power Plants for Improved Safety,  
              Quality, and Productivity," U.S. Department of Energy  
1985-86     Principal Investigator, "Environmental Policy in the  
              Computer Industry," Northeastern University, Research  
              and Scholarship Development Fund  
1983-85     Principal Investigator, "Development of Policy  
              Guidelines for the Protection of Employees from  
              Reproductive Hazards in the Chemical Industry,"  
              General Electric Company  
1979-81     Research Associate, Collaborative Research Support  
              Program for Small Ruminant Production, U.S. Government  
              Title XII grant, University of Missouri at Columbia  
1973&78     Research Assistant, Rhode Island Health Survey and  
              Japanese Factory Project, Brown University  
1964-65     Research Assistant, Automated Library Project and  
              Neutron Spectroscopy Laboratory, Massachusetts  
              Institute of Technology  
1962         Research Assistant, Chemical Sterilant Pesticides,  
              U.S. Department of Agriculture, Beltsville, MD

## PUBLICATIONS

### Book

Computers and Social Change: Information, Property and Power.  
Belmont, CA: Wadsworth, 1987. Web Edition. 1996, 1997, 1998.

## Edited Special Journal Issue

"Environmental Justice", Social Problems 40,1 (February, 1993).

## Chapters

R. E. Anderson, Deborah G. Johnson, Donald Gotterbarn, and Judith A. Perrolle, "Using the New ACM Code of Ethics in Decision Making," pages 878-888 in John Weckert, ed. Computer Ethics. Hampshire, UK: Ashgate Publishing Ltd., 2007.  
[Reprint]

R. E. Anderson, Deborah G. Johnson, Donald Gotterbarn, and Judith A. Perrolle, "Using the New ACM Code of Ethics in Decision Making," pages 878-888 in Rob Kling, ed. Computerization and Controversy, 2nd edition. New York: Academic Press, 1996.  
[Reprint]

"Surveillance and Privacy in Computer Supported Cooperative Work", in David Lyon and Elia Zureik, eds., New Technology, Surveillance and Social Control. University of Minnesota Press, 1995.

V. Z. Ogozalek, M. E. Power, M. A. Hebbardt, D. F. Bullens, and J. A. Perrolle, "The Worcester State College Elder Connection: Promoting Intergenerational Education with Multimedia and Information Technology," pages 533-546 in Edward Barrett, ed. Sociomedia: Multimedia, Hypermedia, and the Social Creation of Knowledge, Cambridge, MA: MIT Press, 1992.

"Conversations and Trust in Computer Interfaces," pages 250-263 in Charles Dunlop and Rob Kling, eds. Computers and Controversy: Value Conflicts and Social Choices. Academic Press, 1991.

"Intellectual Assembly Lines", pages 221-235 in Charles Dunlop and Rob Kling, eds. Computers and Controversy: Value Conflicts and Social Choices. Academic Press, 1991. [Reprint]

"Information, Technology, and Culture," pages 98-119 in Morris Freilich, ed., The Relevance of Culture. South Hadley, MA: Bergin and Garvey, 1989.

"Computers and Capitalism," pages 321-332 in John Williamson, Linda Evans, and Michael Rustad, eds., Social Problems: The Contemporary Debates. Boston: Little, Brown, 1985.

"Population and Food," pages 321-339 in Richard Bourne and Jack Levin, Social Problems: Causes, Consequences, Interventions. New York: West, 1983.

"The Environment," Chapter 19, pages 341-360 in Richard Bourne and Jack Levin, Social Problems: Causes, Consequences, Interventions. New York: West, 1983.

## Articles

"Reproductive Hazards Policy: A Model Protection Policy for the Chemical Industry," in Dana M. Headapohl, ed., "Women Workers", special issue of Occupational Medicine: State of the Art Reviews 8,4 (October-December, 1993): 755-786.

"The Emerging Dialogue on Environmental Justice," Social Problems 40,1 (February, 1993):1-4.

R. E. Anderson, Deborah G. Johnson, Donald Gotterbarn, and Judith A. Perrolle, "Using the New ACM Code of Ethics in Decision Making," Communications of the ACM 36,2 (February, 1993):98-105. Reprinted in Rob Kling, ed. Computerization and Controversy, 2nd edition, pages 878-888. New York: Academic Press, 1996.

"Privacy Panel Questions and Answers," ACM SIGOIS Bulletin [Association for Computing Machinery Special Interest Group on Office Information Systems]: Special Issue on Workshop and Panel of Privacy Considerations, CSCW'92 14,1 (July, 1993):21-27.

"Social Impacts of Computing," pages 875-879 in Macmillan Encyclopedia of Computers, Volume II. New York: 1992.

R. E. Anderson, G. Engel, D. Gotterbarn, G. C. Hertlein, A. Hoffman, B. Jawer, D. G. Johnson, D. K. Lidtke, J. C. Little, D. Martin, D. B. Parker, J. A. Perrolle, and R. S. Rosenberg, "ACM Code of Ethics and Professional Conduct", Communications of the ACM 35,5 (May, 1992):94-99.

"Expert Replacement and Enhancement in Computerized Mental Labor," Science, Technology, and Human Values 16,2 (Spring, 1991):195-207.

"Computer-Mediated Conversation," National Forum 71,3 (Summer, 1991):21-23.

Robert McCarthy and Judith A. Perrolle, "Ethics and the Computerization of Pharmacy," American Journal of Pharmaceutical Education 55 (Fall, 1991):218-225.

"Defining the Health Effects of Electromagnetic Fields: Social Controversy and Technology Policy," The Reflector 38,7 (March, 1990):16.

"The Automated Intellectual: Faculty Work in the 21st Century," ICPSR Bulletin [Inter-University Consortium for Political and Social Research] 10,4 (May, 1990):1-3.

"White Collar Computers: Computerization of Technical and Professional Work," The Reflector 37,8 (March, 1989):30.

"Computers and Society: Ideological Themes and Research Issues," Social Science Computer Review 6,4 (Winter, 1988): 469-480.

"Intellectual Assembly Lines: The Rationalization of Technical, Professional, and Managerial Work," Computers and the Social Sciences 2,2 (Fall,1986):111-121.

"Building a Better Goat: The Prospects for an Indonesian Development Project," International Journal of Contemporary Sociology 22,3-4 (July/October, 1985):243-263.

"Computers Encourage Systems Thinking," Society for the Study of Social Problems Newsletter 16,3 (Summer, 1985):17.

"The Electronic Mill," Directions 1,2 (May, 1984):1-3.

"The Institutional Aspects of Philippine Agriculture in the 1960's," Filipinas: A Journal of Philippine Studies 1,1 (1980):45-73.

"Problems in the Forest," Philippines Information Bulletin 2,2 (April, 1974):24-30.

"Real-Time Data Communications Systems," Chinese Society for EDP Quarterly 4,4 (Winter, 1970):2-7. [in Chinese]

## **Reviews**

Nathan Weinberg, Computers in the Information Society, Contemporary Sociology 20, 3 (May, 1991).

Kenneth C. Laudon, The Dossier Society. Political Science Quarterly 103,2 (Summer, 1988): 383-384.

James N. Danziger and Kenneth L. Kraemer, People and Computers: The Impact of Computing on End Users in Organizations. Social Science Microcomputer Review 5,3 (Fall, 1987):425-426.

Robert Y. Siy, Jr., Community Resource Management: Lessons from the Zanjera. Journal of Asian Studies XLV,3(May, 1986):662-663.

## **Published Syllabi**

Computers and Society on the Web at  
<http://www.ccs.neu.edu/home/perrolle/>

Environment, Technology, and Society on the Web at  
<http://www.atsweb.neu.edu/sociology/j.perrolle/socU485/>

"Computers and Society," pages 195-196 in Steven Zehr, ed., Syllabi and Instructional Materials for Science and Technology, American Sociological Association, 1991.

"Technology in Society," pages 77-80 in Steven Zehr, ed., Syllabi and Instructional Materials for Science and Technology, American Sociological Association, 1991.

"Computers and Society," Ethics, Society, and Computers 2 (April, 1989):7.

"Environment and Society," pages 102-103 in Monica A. Seff, Riley Dunlap, and Arthur St. George, eds., Environmental Sociology. American Sociological Association Teaching Resources Center, 1985.

"Syllabus of the Month: Computers and Society," New England Sociologist 4,1 (Summer, 1982):76-78.

## **Media**

"Ethics and the Social Media Generation Gap", Social Media Club, Dedham, MA. April 12, 2007.

Open Source Radio with Christopher Lyon, "Jonathan Zittrain and a Cyber September 11", August 18, 2005.  
<http://www.radioopensource.org/jonathan-zittrain-and-a-cyber-september-11>

"Computer Ethics", video on Understanding Computer Ethics interactive CD-ROM. Educational Media Resources, Inc. 1999.

"A Sociologist's View of Computer Ethics", minutes 13:50-18:25, and "Professional Responsibility," minutes 33:15-40:00 in What is Computer Ethics? Research Center on Computing and Society, Southern Connecticut State University, 1992.

"New Uses for HDTV", letter to Technology Review (January, 1990):8.

## **Computer Manuals**

*Off-Track Betting System Track Interface Guide*. New York: Computer Sciences Corporation, 1972.

*Payroll System Manual*. Hartford, CT: Sanitas, 1972.

*ISC FORTRAN IV Programmers Reference Manual*. Braintree, MA: Interactive Sciences Corporation, 1970.

*Terminal User's Guide*. Waltham, MA: Codon Computer Utilities, Inc., 1970.

*An Introduction to ALGOL Extended for Design*. Waltham, MA: Codon Corporation, 1969.

*ISC FORTRAN Programmer's Manual*. Ann Arbor, MI: Information Control Systems, Inc., 1967.

## Conference Proceedings

"Risk Communication as a Democratic Process," pages 147-154 in Barry S. Levy and Charles Levenstein, eds. Policies, Programs, and Public Participation: Environmental and Occupational Health in the Emerging Market Economies and Democracies of Central and Eastern Europe. Proceedings of the Third Annual Symposium on Environmental and Occupational Health during Societal Transition in Central and Eastern Europe, Pultusk, Poland, 1992. Boston, MA: Management Sciences for Health, 1993.

"Risk Communication, Public Education, and Public Participation," page 142 in Barry S. Levy, ed. Air Pollution in Central and Eastern Europe: Health and Public Policy. Proceedings of the Second Annual Symposium on Environmental and Occupational Health during Societal Transition in Central and Eastern Europe, Frydek-Mistek, Czechoslovakia, June, 1991. Boston, MA: Management Sciences for Health, 1992.

"Risk Perception," page 41 in Barry Levy and Charles Levenstein, eds. Environment and Health in Eastern Europe: Proceedings of the Symposium on Occupational and Environmental Health during Social Transition in Eastern Europe, Pecs, Hungary, June, 1990. Boston: Management Sciences for Health, 1991.

Judith Perrolle, Glenn Pierce, Michele Eayrs, A. Lee Gilbert, and Nightingale Rukuba, "The Effects of Computer Models of Global Warming on Regional Environmental Policies in East Africa and Southeast Asia," pages 42-62 in Proceedings of the Directions and Implications of Advanced Computing Conference, Computer Professionals for Social Responsibility, July, 1990, Cambridge, MA.

"Artificial Intelligence in the Workplace," pages 35-41 in T. J. Kozik and D. G. Jansson, eds. The Worker in Transition: Technological Change. NY: American Society of Mechanical Engineers, 1989. Edited Proceedings of the Technology and Society Division, ASME, Conference, Bethesda, MD, April, 1989.

"Computer Technology and Class Formation in the World System," pages 1950-1991 in Proceedings. Communications, Mass Media, and Development Conference, Chicago: Northwestern University, October, 1983.

## PROFESSIONAL PRESENTATIONS

"Information, Computers, and Social Change", Student Pugwash Conference on Technology and Social Responsibility, Cambridge, MA, February, 2002.

"Morality, Privacy, and Interface Design," Association for Computing Machinery Special

Interest Group on Computer/Human Interaction, Boston, April, 1998.

"Who Owns the Internet," American Association for the Advancement of Science, Philadelphia, February, 1998.

"Using the Web to Build Virtual Student Teams and Learning Networks," Northeastern University, January, 1997.

"The Road to Cyberspace," Presentation to delegation from rural China Institute for Transitional Economics, Brookline, MA, January, 1997.

"Habermas in Cyberspace: Distorted Communication and the Structural Transformation of Public Space," CSS'96 [Computing and the Social Sciences Conference], Minneapolis, MN, May 12-18, 1996.

"The Tragedy of the Information Common: Privatization and the National Information Infrastructure," Conference on Computing for the Social Sciences, College Park, MD, May 31 - June 3, 1994.

"Gender and Diversity in the World of Computers," Welcome to Cyberspace Conference, Massachusetts Association of Women in Education, Springfield, October, 1994.

"The Sociology of Risk," University of Massachusetts at Lowell, College of Engineering, 1994.

"Surveillance and Privacy in Computer Supported Cooperative Work", New Technology, Surveillance and Social Control Strategic Research Workshop, Queen's University, Kingston, Ontario, May, 1993.

"Presenters and Discussants Workshop," Conference on Restructuring Public Health Systems: Implications for Environmental and Occupational Health. Eger, Hungary, June, 1993.

"Environmental Justice and the University," Environmental Diversity Forum, African Meeting House, Boston, December, 1993.

"The Contradiction Between National Security and Economic Competitiveness," Conference on Assessing the Effects of Government Policy on Economic Competitiveness, U. S. Central Intelligence Agency, Washington, DC, February, 1993.

"Controversies about Privacy and Open Information in CSCW," ACM Conference on Computer-Supported Cooperative Work, Toronto, Canada, 1992.

"Political Participation and the Role of Small Groups," CPSR Public Policy Roundtable, Carnegie Endowment for International Peace, Washington, DC, February, 1992.

"National Data Banks and Privacy," American Sociological

Association Thematic Session, Pittsburg, 1992.

"Computers, Ethics, and the University," The 1992 Wrubel Lecture in Computer Science, Indiana University, April.

"Technology at Work," Boston Computer Society's New England Conference on Computers and Social Change, Boston, 1992.

"Computers and Capitalism," Boston Computer Society's New England Conference on Computers and Social Change, Boston, 1992.

"Social Factors in Software Design," Northeastern University College of Computer Science, 1992

"Social Impact of Computer Models," University of Maine, 1992

"The Political and Social Dimensions of Computer Ethics," Electrical Engineering and Computer Science Department Colloquium, The George Washington University, 1992

"The Social Impact of Computer Models," Eastern Sociological Society, April, 1991.

"Social Science Keynote Address," National Conference on Computing and Values, New Haven, CT, 1991.

"The Personal and the Political in Electronic Communication," Computer Professionals for Social Responsibility National Meeting, Cambridge, MA, 1991.

"Perceptions of Risk, Social Impacts of Electric and Magnetic Fields from 60 Hertz Power Systems," National Engineers Week, Boston, February, 1991.

"Health Concerns of Computer Users," New England Conference on Computers and Social Change, Boston, 1991.

V. Z. Ogozalek, M. E. Power, M. A. Hebhardt, D. F. Bullens, and J. A. Perrolle, "The Worcester State College Elder Connection: Promoting Intergenerational Education with Multimedia and Information Technology," First Conference on the Social Creation of Knowledge: Multimedia and Information Technologies in the University, MIT, April, 1991.

"Automation of Intellectual Work: A Theoretical Perspective," International Sociological Association Conference on Professions and Public Authority, Boston, 1990.

"Community Perception of Environmental Risk: The Case of North Cambridge, Massachusetts," Society for the Study of Social Problems, 1990.

Robert L. McCarthy and Judith A. Perrolle, "Ethics and the Computerization of Pharmacy," Computers and the Quality of Life

Conference, Association for Computing Machinery's Special Interest Group on Computers and Society, Washington, DC, 1990.

Sue Leibowitz and Judith A. Perrolle, "Ethical Reasoning about Computers and Society," Computers and the Quality of Life Conference, Association for Computing Machinery's Special Interest Group on Computers and Society, Washington, DC, 1990.

"Computerizing Intellectual Work," GTE Lectureship Program in Science, Technology, and Human Values, James Madison University, 1990.

"Keynote Address: The Social Dimensions of Computer Ethics," Computers and the Quality of Life Conference, Association for Computing Machinery's Special Interest Group on Computers and Society, Washington, DC, 1990.

"Defining the Health Effects of Electromagnetic Fields: Social Controversy and Technology Policy," Institute of Electrical and Electronics Engineers Society on Social Implications of Technology, Boston, 1990.

"White Collar Computers," American Association for the Advancement of Science, San Francisco, 1989.

"The Social Impact of Knowledge Engineering," International Association of Knowledge Engineers, College Park, MD, 1989.

"Computer-Aided Design and Engineering Innovation," Society for Social Studies of Science, Irvine, CA, 1989.

"Groping for Groupware," Boston and New Hampshire Chapters of the Institute of Electrical and Electronics Engineers Computer Society, 1989.

"The Computerization of Mental Labor," People's University of Beijing, People's Republic of China, 1988.

"Computer Modeling and Environmental Protection," Oak Ridge National Laboratory, Oak Ridge, TN, 1988.

"Peacegames: Designing Computers for Cooperation," GTE Lecture Series, Loyola University of Chicago, 1988.

"Shades of Gray: Ethics in the Workplace," Association of MIT Alumnae and Society of Women Engineers Conference, Cambridge, 1988.

"Risk and Responsibility in Computerized Environments," American Sociological Association, Atlanta, 1988.

"Automation of Intellectual Work," Eastern Sociological Society, Philadelphia, 1988.

"Conversations and Trust in Computer Interfaces," Eastern Sociological Society, Boston, 1987.

"Keynote Address: Dilemmas of Technology," Computers for Social Change Conference, New York, 1987.

"Information Technology and Managerial Control," American Society for Information Science, Boston, 1987.

"Computers and Capitalism," Computers for Social Change Conference, New York, 1987.

"Unequal Opportunity in the Office of the Future," Very Different Times: A conference for VDT Users, Boston, 1986.

"Computerization and the Distribution of Work in Urban Systems," American Sociological Association, Chicago, 1986.

"The Analytical Engine: Design Choices and the Organization of Work," Society for the Study of Social Problems, Chicago, 1986.

"Managing the Environmental Risks of Regional High-Technology Development," Liguria Government Conference on High Technology and Regional Development, Genova, Italy, 1985.

"Intellectual Assembly Lines," American Sociological Association, Washington, D.C., 1985.

"Beyond Bhopal: Communities Confront the Political Economy of Pollution," Society for the Study of Social Problems, Washington, DC, 1985.

"The Effects of Computers on Privacy and Social Control in Democratic Institutions," Harvard/MIT Technology, Secrecy, Privacy, and Civil Liberties Study Group, Cambridge, 1985.

"Microtechnology in the New Social Environment," American Association for the Advancement of Science, New York, 1984.

"Keynote Address: Computers and Social Equity," Conference on Computers, Education and Democratic Values, Detroit, 1984.

"Socially Responsible Software," workshop at the Conference on Computers, Education and Democratic Values, Detroit, 1984.

Judith A. Perrolle and Michael Rustad, "Industry Response to Reproductive Hazards," American Sociological Association, San Antonio, 1984.

"The Computer: An Environmental Impact Assessment," Society for the Study of Social Problems, San Antonio, 1984.

"Expert Systems, Structured Programming, and the Devaluation of Mental Labor," Eastern Sociological Society, Boston, 1984.

Elisabeth Drake and Judith A. Perrolle, "Computer-Aided Creativity," American Institute of Chemical Engineers, Atlanta, 1984.

"Computer-Generated Social Problems," Society for the Study of Social Problems, Detroit, 1983.

"International Business and the Environment," Massachusetts Sociological Association, 1982

"A Sociological Perspective on Transsexuality," Southwestern Sociological Association, Dallas, 1981.

"Women's Roles in Economic Development," U.S. Agency for International Development Seminars, Columbia, MO, 1980-81.

"Legitimacy and Class Formation," Fifth Annual Conference on the Current State of Marxist Theory, Louisville, KY, 1980.

"The Institutional Aspects of Philippine Agriculture," Association for Asian Studies, Toronto, Canada, 1980.

"Building a Better Goat," International Congress of Rural Sociology, Mexico City, 1980.

"Real-Time Data Communications Systems," Chinese Society for Electronic Data Processing, Taipei, Taiwan, 1970.

#### Other University Colloquia

Harvard University School of Public Health, 1991, 1990

George Washington University, 1990

University of Maine, 1990

University of Utah, 1990

Tufts University, 1990

Bowling Green State College, 1990

University of Tennessee, Knoxville, 1990, 1988

College of William and Mary, 1990

Montclair State College, Montclair, NJ, 1989

Georgia Institute of Technology, Atlanta, 1988

Pennsylvania State University, 1988

Rensselaer Polytechnic Institute, NY, 1988

State University of New York, Geneseo, NY, 1988

College of the Holy Cross, Worcester, MA, 1984

University of Michigan, Ann Arbor, 1984

Framingham State College, 1983

Brown University, 1981

## **TEACHING**

### **Funded Curriculum Development**

2003-4          Faculty Development Fund for Educational Technology

- Using Technology in the Classroom to Support Peer-to-Peer Collaboration
- 1998 Instructional Development Fund Grant for Practical Projects on Social Issues in Computing
- 1989 Instructional Development Fund Grant for the Development of an interdisciplinary Technology and Society course, Northeastern University.
- 1983-86 Mellon Fund and Instructional Development Fund Grants for the Development of a Computers and Society course, Northeastern University.

### **Teaching Workshops and Colloquia**

"Using the Web to Build Virtual Student Teams and Learning Networks," Northeastern University, January, 1997.

"Social and Ethical Implications of Computing," National Science Foundation Workshop, University of Pittsburgh at Bradford, June, 1996.

"Tutorial: Putting College Classes Online," CSS'96 [Computing and the Social Sciences Conference], Minneapolis, MN, May 12-18, 1996.

"Social and Ethical Implications of Computing," National Science Foundation Workshop, University of Pittsburgh at Bradford, June, 1995.

"Teaching Ethics for Science and Engineering Students in Sociology Courses," American Association for the Advancement of Science, Boston, February, 1993.

"Teaching Computer Engineering Ethics," National Science Foundation Conference on Engineering Ethics in Engineering Education, Chicago: Illinois Institute of Technology Center for the Study of Ethics in the Professions, 1992.

"Integrating Occupational Safety and Health into Computer Science and Engineering Curricula," Harvard University School of Public Health, 1992

"Teaching Computer Ethics," National Educational Computing Conference, Boston, 1989.

"Social Responsibility in Computer Science Education," Computer Professionals for Social Responsibility," Cambridge, 1986.

"Teaching about Computers and Social Change," Massachusetts Sociological Association, 1983.

### **Ph.D. Dissertations Supervised**

- Jodi Cohen, Sociology, 2005
- Montse Luengo, Sociology, 2001
- Susan Santos, Law, Policy, and Society, 2000
- Sondolo Mhlaba, Law, Policy, and Society, 2000
- Nightingale Rukuba-Ngaiza, Law, Policy, and Society, 1996

A. Lee Gilbert, Law, Policy, and Society, 1993  
Virginia Ogozalek, Law, Policy, and Society, 1992  
Henry Chukwezi, Law, Policy, and Society, 1990  
Omar Assous, Sociology, 1989  
Joanna Hadjicostandi, Sociology, 1985  
Ellaia Mohammed, Sociology, 1984

#### **Ph.D. Dissertation Committee Member for**

Francena S. Warden, Law, Policy, and Society, 1998  
Robert McCarthy, Law, Policy, and Society, 1993  
Sue Leibowitz, Boston College, Education, 1990  
Monawar Sultana, Sociology, 1988  
Pius Mbala, University of Missouri, Rural Sociology, 1981  
Ravi Javadi, University of Missouri, Rural Sociology, 1981

#### **Graduate Courses Taught**

The Sociology of Science, Knowledge, and Technology  
Contemporary Issues: The Sociology of Risk  
Contemporary Issues: Environment and Technology Policy  
Computers and Society  
Classical Social Theory  
Current Issues in Social Theory  
Economic Development and Cultural Change  
Managing Technological Issues  
Technology in Society  
World Population, at UMC  
Social Consequences of Agricultural Organization, at UMC

#### **Undergraduate Courses Currently Taught**

Computers and Society  
Environment and Society  
Honors Introduction to Sociology

#### **PROFESSIONAL SERVICE**

**Board of** Center for the Study of Ethics, 1997-98  
**Advisors** Educational Media Resources, Inc., 1998-

**Proposal** National Science Foundation  
**Review** High Performance Supercomputing Grand Challenges  
Review Panel Member, 1993  
Proposal Reviewer, 1982-  
National Institute of Medicine and Health  
Proposal Reviewer, 1991

**Editorial** *Capitalism, Nature, and Socialism*, 1989-91  
**Board** *Science, Technology, and Human Values*, 1989-92  
*Computers and Society*, 1988-90  
*Environment, Technology, and Society*, 1988-90  
*Social Science Computer Review*, 1987-

**Occasional** The Information Society, 1995  
**Reviewer** Communications of the ACM, 1995, 1992, 1991, 1989  
 Wadsworth Publishing Company, 1992  
 St. Martin's Press, 1992  
 Sociological Forum, 1991, 1987  
 Academic Press, 1991  
 American Sociological Review, 1989  
 Social Problems, 1988  
 Transactions on Engineering Management, 1988  
 Computer, 1988  
 Science and Technology Studies, 1987  
 Signs, 1987  
 Social Science Microcomputer Review, 1984-87  
 Computers and the Social Sciences, 1984-87  
 American Anthropologist, 1984  
 The Sociological Quarterly, 1984

### **Positions Held**

2000-03 Council Member, American Sociological Association  
 Section on Computers and Sociology  
 1992-94 United States-Central and Eastern Europe Exchange for  
 Occupational and Environmental Health Fourth Annual  
 Symposium Program Committee Member  
 1990-93 Secretary and Board of Directors Member  
 Society for the Study of Social Problems  
 1992-93 Directions and Implications of Advanced Computing  
 Symposia Program Committee Member  
 Computer Professionals for Social Responsibility  
 1992 Robert Merton Award Committee Member  
 American Sociological Association  
 1991-92 Task Force on the ACM Code of Ethics Member  
 Association for Computing Machinery  
 1991 Organizer, Boston Area Portion of Negreb Region  
 Environmental Policy Study Tour for North African  
 Officials Environmental Policy Study Tour  
 United States Information Service  
 1987-92 Council Member, American Sociological Association  
 Section on Science, Knowledge, and Technology  
 1988-90 Council Member, American Sociological Association  
 Section on Environment and Technology  
 1988-90 Chair, Environment and Technology Division  
 Society for the Study of Social Problems  
 1987-90 Committee on Standards and Freedom of Research,  
 Publication, and Teaching Member, Society for the Study  
 of Social Problems  
 1987-88 Chair-Elect, Society for the Study of Social Problems  
 Environment and Technology Division  
 1985-88 Computer Committee Member, Eastern Sociological Society  
 1985 Organized U.S. Delegation to Liguria, Italy High  
 Technology Development Conference for the  
 United States Information Service

**Consultant  
for** U. S. National Archives  
U. S. Information Service  
U. S. Government Accounting Office  
Commonwealth of Massachusetts  
The Computer Museum  
Twenty-First Century Project  
Project on Computing and Human Values

**Member  
of** American Sociological Association  
Association for Computing Machinery  
Computer Professionals for Social Responsibility  
Electronic Frontier Foundation

### **NORTHEASTERN UNIVERSITY SERVICE**

2003-4 Acting Chair, Graduate Committee  
Department of Sociology and Anthropology  
2002-04 Arts and Sciences Honors Program Committee  
1995-98 Academic Computing Advisory Committee  
1995-96 Chair, Committee on Graduate Studies  
Department of Sociology and Anthropology  
1989-94 University Research Council  
1993 Interim Chair, July-August  
Department of Sociology and Anthropology  
1992-93 Co-Deputy Chair  
Department of Sociology and Anthropology  
1991-93 Chair, Faculty Development Committee  
Department of Sociology and Anthropology  
1992 Distinguished Professor Selection Committee  
1991 Chair, Ethical Conduct Subcommittee of the Provost's  
Committee on Technology Transfer Policy  
1989-91 Executive Committee, University Research Council  
1989 Chair, Search Committee for the Director  
Division of Research Management  
1987-88 Accreditation Task Force on Ethical Procedures  
1986-87 Coordinating Committee  
Law, Policy, and Society Ph.D. Program  
1986 Chair, Graduate Committee  
Department of Sociology and Anthropology  
1986 Arts and Sciences College Council  
1982-86 Women's Studies Program Advisory Board  
1983-85 Asian Studies Program Advisory Board  
1982-84 Arts and Sciences Curriculum Committee  
1982-83 University Curriculum Committee

### **OTHER UNIVERSITY SERVICE**

University of Missouri, Columbia

1980-82 Departmental Executive Committee  
1979-80 Geographical Resources Center Working Group  
1980-81 Small Farm Agriculture Policy Working Group

Brown University

1977-79 Center for Environmental Studies Board Member  
1973-77 Arts and Sciences Graduate Council Member

Massachusetts Institute of Technology

1982-84 Alumnae Association, Recording Secretary, 1982-84  
1974-79 Visiting Committee for the Humanities Department  
1972-77 Educational Council Member  
1965-66 Chair, Student Committee on Educational Policy